

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

(produced by SZO/BGR - HANNOVER)

February 2020 UPDATED 13.December 2021

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

Event 201001 Salta Province, Argentina
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/02/01 02:35:57.10 -24.4400 -66.9600 33.0 99.52 101.67 m i ke NEIC
 201040

Magnitude Err Nsta Author OrigID
 Ms 4.1 BGR 201007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	101.05		Pdiff	02:49:25.819						T__				m_e	
GRA1	101.05		L	03:32:24.249						T__		66.1	19.20	a_e Ms	4.2
MOX	101.67		L	03:36:47.883						T__		52.5	21.10	a_e Ms	4.0
UBR	99.52		Pdiff	02:49:21.976						T__				m_e	

Event 201002 Tonga Islands
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/02/01 04:43:51.90 -19.2700 -174.5200 33.0 14 145.20 150.99 m i ke NEIC
 201041

Magnitude Err Nsta Author OrigID
 Ms 4.6 BGR 201008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	150.92		PKPbc	05:03:38.220		10.7		2.66		TAS				m_e	
BRG	147.76		PKPbc	05:03:30.178		10.7		2.66		TAS				m_e	
BSEG	145.20		PKPbc	05:03:22.710	0.2	10.7		2.66		TAS				m_e	

2020/02/01 21:22:22.80 39.1600 20.6500 10.0 13 8.60 16.37 m i ke NEIC
201043

Magnitude Err Nsta Author OrigID
ML 4.8 BGR 201010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	8.91		P	21:24:30.015		143.9		13.16		TAS				m_e	
BIOA			P	21:24:44.384		143.9		13.16		TAS				m_e	
BSEG	16.37		P	21:26:14.891		143.9		13.16		TAS				m_e	
BUG	15.44		P	21:26:06.403		143.9		13.16		TAS				m_e	
CLL	13.28		P	21:25:42.041		143.9		13.16		TAS				m_e	
FETA			P	21:24:55.932		143.9		13.16		TAS				m_e	
FLT1	14.70		P	21:25:56.434		143.9		13.16		TAS				m_e	
GEC2	10.89		P	21:24:56.535		143.9		13.16		TAS				m_e	
KBA	9.54		P	21:24:39.515		143.9		13.16		TAS				m_e	
LESA			P	21:24:47.626		143.9		13.16		TAS				m_e	
MOA	9.84		P	21:24:43.661		143.9		13.16		TAS				m_e	
MOTA			P	21:24:56.671		143.9		13.16		TAS				m_e	
MOX	13.13		P	21:25:28.370		143.9		13.16		TAS				m_e	
OBKA	8.60		P	21:24:26.008		143.9		13.16		TAS				m_e	ML 4.8
RETA			P	21:25:00.228		143.9		13.16		TAS				m_e	
RETH	15.66		P	21:26:08.216		143.9		13.16		TAS				m_e	
RJOB	10.29		P	21:24:50.417		143.9		13.16		TAS				m_e	
SQTA			P	21:24:55.370		143.9		13.16		TAS				m_e	
STU	12.65		P	21:25:20.688		143.9		13.16		TAS				m_e	
WET	11.43		P	21:25:03.894		143.9		13.16		TAS				m_e	
WTTA	10.43		P	21:24:51.641		143.9		13.16		TAS				m_e	

Event 202003 Near coast of Chiapas, Mexico

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2020/02/02 03:32:49.52 14.0400 -92.8590 33.0 29 85.16 90.10 m i ke BGR
202009

Magnitude Err Nsta Author OrigID
mb 5.6 BGR 202009
Ms 5.0 BGR 202009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	87.15		P	03:45:31.562	-0.3	289.7		4.74		TAS		66.5	1.07	m_e	mb 5.7
BFO	86.91		P	03:45:30.172	-0.1	289.7		4.74		TAS		40.3	1.13	m_e	mb 5.5
BFO	86.91		L	04:23:26.151						T__		694.8	20.30	a_e	Ms 5.0
BRG	89.50		P	03:45:42.673	-0.1	289.7		4.74		TAS		46.5	1.12	m_e	mb 5.6
BSEG	86.35		P	03:45:27.860	-0.6	289.7		4.74		TAS		48.2	1.04	m_e	mb 5.6
BSEG	86.35		L	04:22:22.841						T__		271.5	21.70	a_e	Ms 4.6

BUG	85.34	P	03:45:22.700	-0.2	289.7	4.74	TAS	65.7	1.13	m_e	mb	5.8
CLL	88.79	P	03:45:39.209	0.0	289.7	4.74	TAS	29.7	0.91	m_e	mb	5.5
CLL	88.79	L	04:23:32.359				T__	651.5	20.70	a_e	Ms	5.0
CLZ	87.06	P	03:45:31.585	-0.1	289.7	4.74	TAS	38.1	0.98	m_e	mb	5.5
FLT1	87.41	P	03:45:32.257	0.2	289.7	4.74	TAS	56.2	1.18	m_e	mb	5.6
FUR	88.83	P	03:45:39.631		289.7	4.74	TAS	24.8	0.87	m_e	mb	5.5
FUR	88.83	L	04:24:55.353				T__	726.8	21.40	a_e	Ms	5.1
GEC2	90.10	P	03:45:45.439	0.1	289.7	4.74	TAS	46.9	1.13	m_e	mb	5.6
GEC2	90.10	L	04:21:55.367				T__	794.9	21.90	a_e	Ms	5.1
GRA1	88.28	P	03:45:37.352	0.1	289.7	4.74	TAS	133.0	1.55	m_e	mb	6.0
GRA1	88.28	L	04:21:04.287				T__	807.4	20.90	a_e	Ms	5.1
GTTG	86.92	P	03:45:30.608	-0.1	289.7	4.74	TAS	69.1	1.02	m_e	mb	5.7
IBBN	85.38	P	03:45:23.206	0.5	289.7	4.74	TAS	70.1	1.01	m_e	mb	5.8
KAST	86.10	P	03:45:26.471	0.0	289.7	4.74	TAS	50.4	1.01	m_e	mb	5.6
MANZ	88.72	P	03:45:39.178	0.5	289.7	4.74	TAS	5.7	1.01	m_e	mb	4.8
MOX	88.20	P	03:45:36.390	0.1	289.7	4.74	TAS	21.5	0.97	m_e	mb	5.5
MOX	88.20	L	04:23:01.208				T__	831.5	22.00	a_e	Ms	5.1
NEUB	88.10	P	03:45:35.862	-0.1	289.7	4.74	TAS	189.9	1.93	m_e	mb	6.1
PLN	88.58	P	03:45:38.199	0.2	289.7	4.74	TAS	10.4	0.97	m_e	mb	5.0
RETH	86.19	P	03:45:27.327	-0.5	289.7	4.74	TAS	76.2	1.00	m_e	mb	5.8
RJOB	89.94	P	03:45:44.688		289.7	4.74	TAS	32.0	1.17	m_e	mb	5.4
ROTZ	88.86	P	03:45:39.555	0.2	289.7	4.74	TAS	6.3	1.10	m_e	mb	4.8
RUE	88.81	P	03:45:38.788	0.1	289.7	4.74	TAS	42.1	0.97	m_e	mb	5.6
STU	87.32	P	03:45:32.474	-0.1	289.7	4.74	TAS	113.5	0.96	a_e	mb	6.0
TANN	88.78	P	03:45:39.338	-0.1	289.7	4.74	TAS	31.8	0.96	m_e	mb	5.5
TNS	86.41	P	03:45:28.118	-0.2	289.7	4.74	TAS	84.3	0.88	m_e	mb	5.9
TNS	86.41	L	04:19:57.200				T__	517.4	21.40	a_e	Ms	4.9
UBBA	87.17	P	03:45:31.626	0.1	289.7	4.74	TAS	65.8	1.56	m_e	mb	5.5
UBR	88.25	P	03:45:36.598		289.7	4.74	TAS	62.8	1.27	m_e	mb	5.8
WET	89.49	P	03:45:42.827	-0.2	289.7	4.74	TAS	80.1	1.29	m_e	mb	5.8
WET	89.49	L	04:21:48.672				T__	830.5	21.20	a_e	Ms	5.1
WLF	85.16	P	03:45:21.835	-0.1	289.7	4.74	TAS	95.9	1.32	m_e	mb	5.9

Event 202004 Eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/02	06:27:58.74			36.8750	138.9830				33.0			12		80.18	83.77	m i ke	BGR
OrigID 202010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	202010
Ms	3.9		BGR	202010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	80.18		P	06:40:04.328		39.7		5.25		TAS		6.3	1.05	m_e	mb	4.5
CLL	80.25		P	06:40:04.515		39.7		5.25		TAS		13.0	0.79	m_e	mb	4.9

./bul2002.txt

Tue Jan 04 10:11:52 2022

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CLZ	80.90	P	06:40:08.341	-0.3	39.7	5.25	TAS	13.3	0.90	m_e	mb	5.0
FLT1	80.18	P	06:40:03.834	0.4	39.7	5.25	TAS	9.6	0.87	m_e	mb	4.7
FUR	83.37	P	06:40:20.945		39.7	5.25	TAS	23.0	0.69	m_e	mb	5.5
GEC2	81.80	P	06:40:12.596		39.7	5.25	TAS	3.0	0.66	m_e	mb	4.5
GRA1	82.22	P	06:40:15.385		39.7	5.25	TAS	20.5	0.89	m_e	mb	5.3
GRA1	82.22	L	07:17:16.006				T__	38.0	18.80	a_e	Ms	3.8
MANZ	81.62	P	06:40:11.863		39.7	5.25	TAS	1.0	0.69	m_e	mb	4.1
MOX	81.32	P	06:40:10.337		39.7	5.25	TAS	12.5	1.42	m_e	mb	4.7
MOX	81.32	L	07:17:54.416				T__	73.9	19.00	a_e	Ms	4.1
RJOB	83.04	P	06:40:19.277		39.7	5.25	TAS	12.9	1.06	m_e	mb	5.1
ROTZ	81.75	P	06:40:12.604		39.7	5.25	TAS	7.5	1.56	m_e	mb	4.6
STU	83.77	P	06:40:22.837		39.7	5.25	TAS	27.3	0.78	m_e	mb	5.5

Event 202005 Eastern Mediterranean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/02	10:40:05.60			35.1700	28.0700				10.0					17.30	20.75	m i ke	EMSC
	202037																

Magnitude	Err	Nsta	Author	OrigID
mb	4.2		BGR	202011
Ms	3.1		BGR	202011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GEC2	17.30		P	10:44:03.467		133.3		7.46		TAS		21.7	1.41	m_e	mb	4.1
GRA1	19.05		P	10:44:29.691		133.3		7.46		TAS		69.6	1.84	m_e	mb	4.6
GRA1	19.05		L	10:54:11.822						T__		71.9	18.80	a_e	Ms	3.0
MOX	19.54		P	10:44:31.034		133.3		7.46		TAS		36.6	1.79	m_e	mb	4.3
MOX	19.54		L	10:53:03.400						T__		116.9	20.00	a_e	Ms	3.2
PLN	19.18		P	10:44:27.258		133.3		7.46		TAS		8.4	1.60	m_e	mb	3.7
TNS	20.75		P	10:44:45.311		133.3		7.46		TAS		36.6	1.56	m_e	mb	4.5
UBR	18.32		P	10:44:17.415		133.3		7.46		TAS		214.0	2.76	m_e	mb	4.8
WET	17.89		P	10:44:10.507		133.3		7.46		TAS		6.8	0.92	m_e	mb	3.8

Event 202001 Sichuan, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/02	16:06:01.56			31.6550	101.7640				33.0				7	64.88	69.95	m i ke	BGR
	202007																

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	202007
Ms	4.4		BGR	202007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	69.22		L	16:50:11.677						T__		251.8	20.30	a_e	Ms	4.5
BRG	64.88		P	16:16:35.912		67.9		6.38		TAS		4.4	0.79	m_e	mb	4.7
BSEG	65.89		P	16:16:42.838	-0.0	67.9		6.38		TAS		7.6	0.93	m_e	mb	4.9
BSEG	65.89		L	16:48:12.918						T__		91.5	19.60	a_e	Ms	4.0
CLL	65.28		P	16:16:38.637		67.9		6.38		TAS		8.7	1.15	m_e	mb	4.9
CLL	65.28		L	16:47:49.460						T__		294.9	20.30	a_e	Ms	4.5
CLZ	66.63		P	16:16:47.264		67.9		6.38		TAS		16.1	1.20	m_e	mb	5.1
FLT1	65.95		P	16:16:42.303		67.9		6.38		TAS		6.1	0.91	m_e	mb	4.8
GEC2	65.73		L	16:47:48.226						T__		218.9	21.40	a_e	Ms	4.3
GRA1	66.93		L	16:48:52.957						T__		233.2	18.30	a_e	Ms	4.4
MOX	66.34		L	16:48:23.353						T__		278.2	18.80	a_e	Ms	4.5
ROTZ	66.31		P	16:16:46.129		67.9		6.38		TAS		3.7	1.35	m_e	mb	4.4
TNS	68.37		L	16:49:43.651						T__		261.4	19.20	a_e	Ms	4.5
WET	66.12		L	16:48:20.238						T__		330.5	19.70	a_e	Ms	4.5
WLF	69.95		P	16:17:08.424		67.9		6.38		TAS		27.5	1.14	m_e	mb	5.3

Event 204003 Eastern Mediterranean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/04	02:10:54.30			35.2800	28.0000				10.0					17.18	20.62	m i ke	NEIC
	204042																

Magnitude	Err	Nsta	Author	OrigID
mb	4.1		BGR	204009
Ms	3.5		BGR	204009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	19.55		L	02:21:57.235						T__		171.0	22.00	a_e	Ms	3.3
CLL	19.32		L	02:23:16.997						T__		163.5	19.50	a_e	Ms	3.4
GEC2	17.18		P	02:14:53.575		133.3		12.39		TAS		12.2	0.98	m_e	mb	4.0
GEC2	17.18		L	02:21:54.830						T__		260.0	18.80	a_e	Ms	3.5
GRA1	18.92		P	02:15:12.696		133.3		12.39		TAS		8.9	0.62	m_e	mb	4.2
GRA1	18.92		L	02:23:08.915						T__		324.3	18.40	a_e	Ms	3.7
MANZ	18.72		P	02:15:11.355		133.3		12.39		TAS		7.1	1.31	m_e	mb	3.7
MOX	19.41		P	02:15:20.441		133.3		12.39		TAS		26.5	1.11	m_e	mb	4.4
MOX	19.41		L	02:23:02.247						T__		248.2	21.30	a_e	Ms	3.5
PLN	19.06		P	02:15:16.973		133.3		12.39		TAS		10.7	1.39	m_e	mb	3.9
TNS	20.62		P	02:15:34.287		133.3		12.39		TAS		45.2	1.41	m_e	mb	4.6
TNS	20.62		L	02:23:39.231						T__		187.2	18.60	a_e	Ms	3.5
WET	17.77		P	02:15:00.035		133.3		12.39		TAS		19.6	1.17	m_e	mb	4.1
WET	17.77		L	02:22:01.447						T__		293.9	20.50	a_e	Ms	3.5

Event 204004 North Island, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/04	09:47:23.40			-37.6700	176.5300				286.0			19		161.16	166.31	m i ke	EMSC
OrigID 204036																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	166.31		PKPab	10:07:55.367		46.9		4.50		TAS				m_e	
BRG	161.90		PKPab	10:07:36.293	-0.1	46.9		4.50		TAS				m_e	
BSEG	161.16		PKPab	10:07:32.637	-0.4	46.9		4.50		TAS				m_e	
CLL	162.06		PKPab	10:07:36.577	-0.1	46.9		4.50		TAS				m_e	
CLZ	162.80		PKPab	10:07:39.824	-0.2	46.9		4.50		TAS				m_e	
FLT1	162.08		PKPab	10:07:36.142	-0.2	46.9		4.50		TAS				m_e	
GRA1	163.99		PKPab	10:07:46.239		46.9		4.50		TAS				m_e	
GTTG	163.19		PKPab	10:07:42.210	0.1	46.9		4.50		TAS				m_e	
IBBN	163.38		PKPab	10:07:42.125	-0.2	46.9		4.50		TAS				m_e	
KAST	164.06		PKPab	10:07:45.142	0.2	46.9		4.50		TAS				m_e	
MANZ	163.37		PKPab	10:07:42.838		46.9		4.50		TAS				m_e	
MOX	163.15		PKPab	10:07:41.679	0.6	46.9		4.50		TAS				m_e	
NEUB	162.69		PKPab	10:07:39.469	-0.1	46.9		4.50		TAS				m_e	
PLN	163.01		PKPab	10:07:41.126	-0.4	46.9		4.50		TAS				m_e	
RETH	162.47		PKPab	10:07:38.100	0.1	46.9		4.50		TAS				m_e	
ROTZ	163.47		PKPab	10:07:43.437		46.9		4.50		TAS				m_e	
TANN	162.92		PKPab	10:07:40.727		46.9		4.50		TAS				m_e	
TNS	164.82		PKPab	10:07:48.964		46.9		4.50		TAS				m_e	
WLF	166.15		PKPab	10:07:54.885		46.9		4.50		TAS				m_e	

Event 204005 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/04	17:55:23.70			38.9700	27.8400				9.0			4		14.17	19.15	m i ke	EMSC
OrigID 204037																	

Magnitude Err Nsta Author OrigID

mb	4.3		BGR	204011
Ms	3.7		BGR	204011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	16.90		P	17:59:26.384		125.9		11.47		TAS		21.3	0.94	m_e mb	4.3
BFO	16.90		L	18:06:26.986						T__		686.3	18.70	a_e Ms	3.9
BRG	15.41		P	17:59:08.066		125.9		11.47		TAS		16.8	1.07	m_e	
BSEG	19.15		L	18:08:02.017						T__		232.8	19.40	a_e Ms	3.5
CLL	16.14		P	17:59:12.048		125.9		11.47		TAS		19.6	1.07	m_e	

CLL	16.14	L	18:06:57.209			T__	506.6	21.60	a_e	Ms	3.7
FLT1	17.64	P	17:59:30.004	125.9	11.47	TAS	41.1	1.47	m_e		
FUR	15.09	L	18:05:08.991			T__	467.5	20.50	a_e	Ms	3.6
GEC2	14.17	P	17:58:54.123	125.9	11.47	TAS	22.4	1.07	m_e		
GEC2	14.17	L	18:06:24.748			T__	799.6	18.20	a_e	Ms	3.9
GRA1	15.97	L	18:05:30.674			T__	383.0	21.40	a_e	Ms	3.5
GTTG	17.73	P	17:59:32.925	125.9	11.47	TAS	32.4	1.20	m_e		
MANZ	15.69	P	17:59:11.422	125.9	11.47	TAS	5.1	1.19	m_e		
MOX	16.35	P	17:59:19.158	125.9	11.47	TAS	54.6	1.27	m_e		
MOX	16.35	L	18:07:00.151			T__	587.4	18.30	a_e	Ms	3.8
PLN	15.98	P	17:59:15.005	125.9	11.47	TAS	8.2	1.00	m_e		
ROTZ	15.51	P	17:59:09.374	125.9	11.47	TAS	4.4	0.95	m_e		
TANN	15.79	P	17:59:14.778	125.9	11.47	TAS	19.7	1.04	m_e		
TNS	17.75	L	18:05:52.877			T__	309.1	20.60	a_e	Ms	3.5
UBR	15.54	P	17:59:09.943	125.9	11.47	TAS	59.6	1.03	m_e		
WET	14.78	P	17:59:01.354	125.9	11.47	TAS	24.7	1.00	m_e		
WET	14.78	L	18:04:45.019			T__	442.1	19.50	a_e	Ms	3.6

Event 204006 Pakistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/04	20:32:40.67			35.3760	71.5790				33.0			20		43.69	48.78	m i ke	BGR
	204012																

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	204012
Ms	3.6		BGR	204012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	43.69		P	20:40:41.086	-0.1	84.6		7.92		TAS		28.5	0.71	m_e	mb 5.1
BSEG	45.80		P	20:40:57.568	0.2	84.6		7.92		TAS		25.6	0.81	m_e	mb 5.3
BUG	47.84		P	20:41:13.503		84.6		7.92		TAS		21.9	0.89	m_e	mb 5.3
CLL	44.27		P	20:40:45.177	-0.2	84.6		7.92		TAS		17.3	0.74	m_e	mb 4.9
CLZ	45.88		P	20:40:58.173	-0.0	84.6		7.92		TAS		20.6	0.91	m_e	mb 5.2
FLT1	45.31		P	20:40:53.165	0.1	84.6		7.92		TAS		60.5	0.71	m_e	mb 5.6
GRA1	45.51		P	20:40:56.261	-0.4	84.6		7.92		TAS		16.8	0.86	m_e	mb 5.1
GRA1	45.51		L	21:02:30.553						T__		72.6	18.30	a_e	Ms 3.6
GTTG	46.15		P	20:41:00.552		84.6		7.92		TAS		42.8	0.77	m_e	mb 5.5
IBBN	47.45		P	20:41:10.438		84.6		7.92		TAS		45.6	0.75	m_e	mb 5.7
MANZ	44.92		P	20:40:51.556	-0.5	84.6		7.92		TAS		3.5	0.78	m_e	mb 4.3
MOX	45.18		P	20:40:52.899	-0.0	84.6		7.92		TAS		13.1	0.79	m_e	mb 4.9
MOX	45.18		L	21:02:16.129						T__		80.7	20.10	a_e	Ms 3.6
NEUB	45.05		P	20:40:51.677	-0.1	84.6		7.92		TAS		35.3	0.78	m_e	mb 5.3
PLN	44.85		P	20:40:50.216	0.6	84.6		7.92		TAS		3.0	0.82	m_e	mb 4.3
RETH	46.44		P	20:41:02.375		84.6		7.92		TAS		12.1	0.88	m_e	mb 4.9
ROTZ	44.87		P	20:40:50.994	-0.1	84.6		7.92		TAS		4.0	1.03	m_e	mb 4.3

Magnitude Err Nsta Author OrigID
Ms 5.2 BGR 205008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	102.10		Pdiff	18:25:29.644	0.1	85.2		4.45		TAS				m_e	
BFO	104.02		Pdiff	18:25:37.846	0.2	85.2		4.45		TAS				a_e	
BFO	104.02		L	19:17:39.781						T__		737.0	20.90	a_e Ms	5.2
BRG	100.16		Pdiff	18:25:21.325	0.2	85.2		4.45		TAS		86.1	0.87	m_e	
BRG	100.16		PKKPbc	18:41:33.898		264.0		2.86		TAS				m_e	
BSEG	102.12		Pdiff	18:25:30.125	0.1	85.2		4.45		TAS				m_e	
BSEG	102.12		PKKPbc	18:41:29.563		264.0		2.86		TAS				m_e	
BSEG	102.12		L	19:13:50.114						T__		468.0	20.70	a_e Ms	5.0
BUG	104.29		Pdiff	18:25:39.519		85.2		4.45		TAS				m_e	
BUG	104.29		PKKPbc	18:41:22.825		264.0		2.86		TAS				m_e	
CLL	100.73		Pdiff	18:25:23.296	0.2	85.2		4.45		TAS				m_e	
CLL	100.73		PKKPbc	18:41:32.920		264.0		2.86		TAS				m_e	
CLL	100.73		L	19:18:49.931						T__		749.7	20.40	a_e Ms	5.2
CLZ	102.32		Pdiff	18:25:30.887	0.1	85.2		4.45		TAS				m_e	
CLZ	102.32		PKKPbc	18:41:29.049		264.0		2.86		TAS				m_e	
FLT1	101.74		Pdiff	18:25:27.347	0.4	85.2		4.45		TAS				m_e	
FLT1	101.74		PKKPbc	18:41:30.070		264.0		2.86		TAS				m_e	
FUR	102.08		Pdiff	18:25:29.388	-0.2	85.2		4.45		TAS				m_e	
FUR	102.08		PKKPbc	18:41:29.560		264.0		2.86		TAS				m_e	
FUR	102.08		L	19:16:50.754						T__		920.6	21.10	a_e Ms	5.3
GEC2	100.42		Pdiff	18:25:22.396	-0.4	85.2		4.45		TAS		46.9	0.94	m_e	
GEC2	100.42		PKKPbc	18:41:33.721		264.0		2.86		TAS				m_e	
GEC2	100.42		L	19:15:57.486						T__		969.3	19.90	a_e Ms	5.3
GOR1	101.63		Pdiff	18:25:27.592	0.0	85.2		4.45		TAS				m_e	
GRA1	101.99		Pdiff	18:25:29.675	-0.3	85.2		4.45		TAS				m_e	
GRA1	101.99		PP	18:29:49.614		79.0		7.83		TAS				m_e	
GRA1	101.99		L	19:16:30.869						T__		667.9	20.70	a_e Ms	5.1
GTTG	102.60		Pdiff	18:25:32.119	-0.3	85.2		4.45		TAS				m_e	
GTTG	102.60		PKKPbc	18:41:28.205		264.0		2.86		TAS				m_e	
IBBN	103.86		Pdiff	18:25:37.846	0.0	85.2		4.45		TAS				a_e	
KAST	103.61		Pdiff	18:25:36.559	0.2	85.2		4.45		TAS				m_e	
KAST	103.61		PKKPbc	18:41:24.960		264.0		2.86		TAS				m_e	
MANZ	101.39		Pdiff	18:25:26.951	0.0	85.2		4.45		TAS				m_e	
MANZ	101.39		PKKPbc	18:41:30.829		264.0		2.86		TAS				m_e	
MOX	101.65		Pdiff	18:25:27.796	-0.9	85.2		4.45		TAS				m_e	
MOX	101.65		PP	18:29:46.261		79.0		7.83		TAS				m_e	
MOX	101.65		PKKPbc	18:41:30.605		264.0		2.86		TAS				m_e	
MOX	101.65		L	19:19:09.252						T__		835.7	19.70	a_e Ms	5.3
NEUB	101.51		Pdiff	18:25:27.192	-0.2	85.2		4.45		TAS				m_e	
NEUB	101.51		PKKPbc	18:41:31.132		264.0		2.86		TAS				m_e	
PLN	101.32		Pdiff	18:25:26.367	0.4	85.2		4.45		TAS				m_e	
PLN	101.32		PKKPbc	18:41:31.559		264.0		2.86		TAS				m_e	
RETH	102.83		Pdiff	18:25:33.005	-0.5	85.2		4.45		TAS				m_e	
ROTZ	101.34		Pdiff	18:25:26.764	0.3	85.2		4.45		TAS				m_e	
ROTZ	101.34		PP	18:29:43.633		79.0		7.83		TAS				m_e	

ROTZ	101.34	PKKPbc	18:41:31.506		264.0	2.86	TAS										m_e
RUE	100.17	Pdiff	18:25:21.389	0.1	85.2	4.45	TAS										m_e
STU	103.40	Pdiff	18:25:35.615	0.1	85.2	4.45	TAS										m_e
STU	103.40	PKKPbc	18:41:25.675		264.0	2.86	TAS										m_e
TANN	101.13	Pdiff	18:25:25.496	0.1	85.2	4.45	TAS										a_e
TANN	101.13	PP	18:29:42.426		79.0	7.83	TAS										m_e
TANN	101.13	PKKPbc	18:41:32.167		264.0	2.86	TAS										m_e
TNS	103.71	Pdiff	18:25:37.279	-0.5	85.2	4.45	TAS										m_e
TNS	103.71	PKKPbc	18:41:24.619		264.0	2.86	TAS										m_e
TNS	103.71	L	19:15:03.675				T__					619.3	19.30		a_e	Ms	5.2
UBBA	102.66	Pdiff	18:25:31.934	-0.1	85.2	4.45	TAS										m_e
UBR	102.90	Pdiff	18:25:32.901	0.1	85.2	4.45	TAS										m_e
WET	100.95	Pdiff	18:25:24.844	0.0	85.2	4.45	TAS										m_e
WET	100.95	PKKPbc	18:41:32.642		264.0	2.86	TAS										m_e
WET	100.95	L	19:15:58.076				T__					933.4	20.20		a_e	Ms	5.3
WLF	105.26	Pdiff	18:25:44.023		85.2	4.45	TAS										m_e
WLF	105.26	PKKPbc	18:41:19.513		264.0	2.86	TAS										m_e

Event 206001 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/06	04:10:13.50	0.61	1.08	44.1980	16.0400	12.2	7.8	21	15.0			28	277	2.54	7.94	m i ke	NEIC
206040																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.3		BGR	206007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	3.07		Pn	04:11:01.092	-0.3					T__				m_e	ML 3.7
BE1			Pn	04:11:28.410	-0.3					T__				m_e	ML 4.5
BFO	6.75		Pn	04:11:50.748	-2.0					T__				m_e	ML 4.4
BIOA			Pn	04:11:13.107	0.1					T__				m_e	ML 4.3
BUD			Pn	04:11:12.066	1.9					T__				m_e	ML 4.5
DAVA	5.30		Sn	04:12:34.588	1.3					T__				m_e	ML 4.4
FETA			Pn	04:11:24.536	0.3					T__				m_e	ML 4.2
FUR	5.16		Sn	04:12:29.328	-0.7					T__				m_e	ML 4.6
GEC2	4.92		Sn	04:12:21.826	-1.7					T__				m_e	
GEC2	4.92		Pn	04:11:26.710	-0.5					T__				m_e	ML 4.2
KBA	3.45		Sn	04:11:49.817	0.8					T__				m_e	
KBA	3.45		Pn	04:11:07.307	0.0					T__				m_e	ML 4.0
KW1			Sn	04:12:17.542	1.2					T__				m_e	
KW1			Pn	04:11:23.324	0.3					T__				m_e	ML 4.4
LESA			Pn	04:11:14.985	0.2					T__				m_e	ML 4.3
MANZ	6.38		Sn	04:12:57.211	-1.3					T__				m_e	
MANZ	6.38		Pn	04:11:46.272	-1.1					T__				m_e	ML 4.2
MOA	3.86		Sn	04:11:58.859	0.7					T__				m_e	

MOA	3.86	Pn	04:11:13.147	0.6	T__	m_e ML	4.2
MOTA		Sn	04:12:20.762	2.4	T__	m_e	
MOTA		Pn	04:11:24.365	0.1	T__	m_e ML	4.4
MOX	7.11	Pn	04:11:56.342	-1.1	T__	m_e ML	4.4
OBKA	2.54	Pn	04:10:54.186	-0.5	T__	m_e ML	4.3
PART		Sn	04:12:21.537	0.9	T__	m_e	
PART		Pn	04:11:26.159	0.6	T__	m_e ML	4.3
PSZ		Pn	04:11:20.852	1.3	T__	m_e ML	4.0
RETA		Pn	04:11:27.774	-0.1	T__	m_e ML	4.4
ROTZ	6.16	Pn	04:11:42.921	-1.4	T__	m_e ML	4.2
SOP		Pn	04:11:06.610	-0.1	T__	m_e	
SQTA		Pn	04:11:22.959	0.6	T__	m_e ML	4.4
STU	6.58	Sn	04:13:00.968	-2.6	T__	m_e ML	4.7
TNS	7.94	Pn	04:12:08.317	-0.7	T__	m_e ML	4.6
WET	5.40	Pn	04:11:33.163	-0.8	T__	m_e ML	4.0
WTTA	4.35	Sn	04:12:11.618	1.0	T__	m_e	
WTTA	4.35	Pn	04:11:20.064	0.3	T__	m_e ML	4.5
ZUGS		Pn	04:11:26.343	0.6	T__	m_e ML	3.8

Event 206004 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
2020/02/06	11:20:04.68			37.5800	141.1800				20.2	0.7		29		79.32	84.74	m i ke	BGR
	206010																

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	206010
Ms	5.2		BGR	206010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	80.79		P	11:32:16.862	-0.1	37.9		5.23		TAS		23.6	1.01	m_e mb	5.2
BFO	84.74		P	11:32:37.163	-0.5	37.9		5.23		TAS		37.8	0.85	m_e mb	5.7
BRG	80.49		P	11:32:14.920	-0.5	37.9		5.23		TAS		40.0	1.01	m_e mb	5.3
BSEG	79.49		P	11:32:10.399	0.3	37.9		5.23		TAS		34.7	1.13	m_e mb	5.3
BUG	82.60		P	11:32:26.120	-0.3	37.9		5.23		TAS		22.9	0.90	m_e mb	5.4
CLL	80.53		P	11:32:15.127	-0.5	37.9		5.23		TAS		45.5	0.84	m_e mb	5.5
CLL	80.53		sP	11:32:23.613	-0.6					T__				m_e	
CLZ	81.13		P	11:32:19.225	0.5	37.9		5.23		TAS		39.6	1.03	m_e mb	5.4
FLT1	80.42		P	11:32:14.365	-0.7	37.9		5.23		TAS		41.1	0.76	m_e mb	5.4
FUR	83.69		P	11:32:32.033	-0.1	37.9		5.23		TAS		47.6	0.81	m_e mb	5.8
GEC2	82.15		P	11:32:23.834	-0.2	37.9		5.23		TAS		24.1	0.96	m_e mb	5.3
GOR1	79.87		P	11:32:12.596	0.4	37.9		5.23		TAS		119.6	1.58	m_e mb	5.6
GRA1	82.51		P	11:32:26.411	0.5	37.9		5.23		TAS		67.0	1.21	m_e mb	5.7
GRA1	82.51		L	12:12:42.671						T__		1278.2	18.00	a_e Ms	5.3
GTTG	81.52		P	11:32:20.808	0.0	37.9		5.23		TAS		28.3	0.87	m_e mb	5.4
IBBN	81.72		P	11:32:21.717	-0.1	37.9		5.23		TAS		150.5	1.63	m_e mb	5.9

KAST	82.38	P	11:32:25.192	-0.1	37.9	5.23	TAS	14.6	0.89	m_e	mb	5.1
MANZ	81.92	P	11:32:23.290	0.4	37.9	5.23	TAS	8.7	1.04	m_e	mb	4.8
MOX	81.60	P	11:32:20.833	-0.4	37.9	5.23	TAS	82.6	1.70	m_e	mb	5.6
MOX	81.60	L	12:10:26.422				T__	997.4	20.50	a_e	Ms	5.2
NEUB	81.11	P	11:32:18.526	-0.1	37.9	5.23	TAS	50.7	0.82	m_e	mb	5.6
PLN	81.51	P	11:32:20.866	0.1	37.9	5.23	TAS	20.2	1.55	m_e	mb	5.0
RETH	80.79	P	11:32:16.679	-0.3	37.9	5.23	TAS	53.3	1.32	m_e	mb	5.4
ROTZ	82.05	P	11:32:23.504	-0.1	37.9	5.23	TAS	6.0	0.91	m_e	mb	4.7
RUE	79.32	P	11:32:09.546	0.2	37.9	5.23	TAS	87.7	1.20	m_e	mb	5.7
STU	84.04	P	11:32:33.841	-0.1	37.9	5.23	TAS	126.4	0.81	m_e	mb	6.2
TANN	81.44	P	11:32:20.606	0.2	37.9	5.23	TAS	72.8	1.73	m_e	mb	5.4
TANN	81.44	sP	11:32:28.683	-0.6			T__			m_e		
TNS	83.16	P	11:32:29.409	0.1	37.9	5.23	TAS	19.8	1.07	m_e	mb	5.3
UBBA	82.09	P	11:32:23.842	0.1	37.9	5.23	TAS	13.2	0.99	m_e	mb	5.0
UBR	84.55	P	11:32:36.871	0.2	37.9	5.23	TAS			m_e		
UBR	84.55	sP	11:32:44.919	-0.6			T__			m_e		
WET	82.26	P	11:32:25.049	0.4	37.9	5.23	TAS	64.1	1.61	m_e	mb	5.5
WLF	84.47	P	11:32:36.466	0.3	37.9	5.23	TAS	127.9	2.04	m_e	mb	5.8

Event 206006 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/06	12:00:54.41			-17.9260	-178.7940				600.0			19		144.68	149.44	m i ke	BGR
	206012																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	145.06		PKPbc	12:19:24.860	0.2	17.8		2.73		TAS				m_e	
BFO	149.12		PKPbc	12:19:35.663		17.8		2.73		TAS				m_e	
BRG	145.59		PKPbc	12:19:26.387	0.2	17.8		2.73		TAS				m_e	
CLL	145.40		PKPbc	12:19:25.419	0.0	17.8		2.73		TAS				m_e	
CLZ	145.39		PKPbc	12:19:25.661	0.3	17.8		2.73		TAS				m_e	
FLT1	144.77		PKPbc	12:19:23.241	-0.3	17.8		2.73		TAS				m_e	
GEC2	147.53		PKPbc	12:19:31.307		17.8		2.73		TAS				m_e	
GTTG	145.74		PKPbc	12:19:26.629	0.1	17.8		2.73		TAS				m_e	
IBBN	145.31		PKPbc	12:19:25.903	-0.2	17.8		2.73		TAS				m_e	
KAST	146.31		PKPbc	12:19:27.919	0.4	17.8		2.73		TAS				m_e	
MANZ	146.84		PKPbc	12:19:29.928		17.8		2.73		TAS				m_e	
PLN	146.35		PKPbc	12:19:28.323	-0.3	17.8		2.73		TAS				m_e	
RETH	144.68		PKPbc	12:19:23.614	0.0	17.8		2.73		TAS				m_e	
ROTZ	147.02		PKPbc	12:19:30.259		17.8		2.73		TAS				m_e	
TANN	146.36		PKPbc	12:19:28.565		17.8		2.73		TAS				m_e	
TNS	147.26		PKPbc	12:19:30.859		17.8		2.73		TAS				m_e	
UBBA	146.44		PKPbc	12:19:28.780	-0.2	17.8		2.73		TAS				m_e	
UBR	149.44		PKPbc	12:19:36.308		17.8		2.73		TAS				m_e	

WLF 148.09 PKPbc 12:19:33.566 17.8 2.73 TAS m_e

Event 206007 Mindanao, Philippine Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2020/02/06 13:40:05.20 5.4900 126.5700 10.0 7 99.25 104.79 m i ke EMSC
206039

Magnitude Err Nsta Author OrigID
Ms 6.0 BGR 206013

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. It lists various station data points including ASSE, BRG, BSEG, BUG, CLL, CLZ, FLT1, GEC2, GOR1, GRA1, GTTG, IBBN, KAST, MANZ, MOX, NEUB, PLN, RETH, ROTZ, RUE, TANN, TNS, UBBA, UBR, and WET.

WLF 104.79 Pdiff 13:54:11.432 0.2 67.7 4.57 TAS m_e

Event 207001 Crete, Greece

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2020/02/07 03:11:47.70 2.27 2.23 34.8800 26.4600 86.7 61.2 138 10.0 16 345 14.70 20.20 m i ke EMSC
207033

Magnitude Err Nsta Author OrigID
mb 4.0 BGR 207007
Ms 3.7 BGR 207007

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include stations like BE1, DAVA, FETA, GEC2, GRA1, LESA, MANZ, MOA, MOX, OBKA, RETA, SQTA, TNS, UBR, WET, ZUGS.

Event 208001 South of Fiji Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2020/02/08 01:25:23.67 -22.2300 -179.8000 599.1 31 147.43 153.39 m i ke BGR
208007

Magnitude Err Nsta Author OrigID

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include stations ASSE and BFO.

BIOA		PKPab	01:44:26.094		19.4	4.31	TAS		m_e
BRG	149.46	PKPbc	01:44:06.237	0.2	19.3	2.29	TAS		m_e
BSEG	147.43	PKPbc	01:44:00.790	-0.2	19.3	2.29	TAS		m_e
CLL	149.31	PKPbc	01:44:05.663	0.4	19.3	2.29	TAS		m_e
CLL	149.31	pPKPbc	01:46:23.123				T__		m_e
CLZ	149.41	PKPbc	01:44:06.184	-0.1	19.3	2.29	TAS		m_e
FLT1	148.77	PKPbc	01:44:03.994	0.0	19.3	2.29	TAS		m_e
FUR	152.65	PKPab	01:44:26.787		19.4	4.31	TAS		m_e
GEC2	151.35	PKPbc	01:44:10.460	-0.6	19.3	2.29	TAS		m_e
GOR1	148.13	PKPbc	01:44:02.871	-0.3	19.3	2.29	TAS		m_e
GRA1	151.24	PKPbc	01:44:10.043	-0.1	19.3	2.29	TAS		m_e
GRA1	151.24	PKPab	01:44:20.368		19.4	4.31	TAS		m_e
GTTG	149.77	PKPbc	01:44:06.817	0.2	19.3	2.29	TAS		m_e
IBBN	149.41	PKPbc	01:44:05.611	0.1	19.3	2.29	TAS		m_e
KAST	150.38	PKPbc	01:44:07.952	0.2	19.3	2.29	TAS		m_e
MANZ	150.75	PKPbc	01:44:09.157	0.2	19.3	2.29	TAS		m_e
MOX	150.26	PKPbc	01:44:07.957	0.3	19.3	2.29	TAS		m_e
NEUB	149.72	PKPbc	01:44:06.439	0.2	19.3	2.29	TAS		m_e
PLN	150.28	PKPbc	01:44:08.166	0.2	19.3	2.29	TAS		m_e
RETA		PKPab	01:44:29.849		19.4	4.31	TAS		m_e
RETH	148.74	PKPbc	01:44:04.216	0.0	19.3	2.29	TAS		m_e
RJOB	152.61	PKPbc	01:44:12.867		19.3	2.29	TAS		m_e
ROTZ	150.93	PKPbc	01:44:09.574	0.1	19.3	2.29	TAS		m_e
RUE	148.05	PKPbc	01:44:02.586	-0.0	19.3	2.29	TAS		m_e
STU	152.56	PKPbc	01:44:13.016		19.3	2.29	TAS		m_e
TANN	150.27	PKPbc	01:44:08.062	-0.1	19.3	2.29	TAS		m_e
TNS	151.32	PKPbc	01:44:10.356	0.3	19.3	2.29	TAS		m_e
UBBA	150.45	PKPbc	01:44:08.064	0.0	19.3	2.29	TAS		m_e
UBR	153.39	PKPbc	01:44:14.826		19.3	2.29	TAS		m_e
WET	151.32	PKPbc	01:44:10.446	0.0	19.3	2.29	TAS		m_e
WET	151.32	PKPab	01:44:21.194		19.4	4.31	TAS		m_e
WLF	152.22	PKPbc	01:44:12.628	-0.1	19.3	2.29	TAS		m_e

Event 208003 Seram, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/08	06:36:44.00			-2.9520	129.8270				10.0			31		107.98	113.50	m i ke	NEIC
	208042																

Magnitude	Err	Nsta	Author	OrigID
Ms	5.1		BGR	208009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	109.89		SP	07:05:19.565	-0.6	66.1		10.16		TAS				a_e	
BFO	112.72		SP	07:05:50.415	0.4	66.1		10.16		TAS				a_e	
BRG	108.41		SP	07:05:05.915	-0.7	66.1		10.16		TAS				a_e	

BSEG	109.40	SP	07:05:14.965	-0.6	66.1	10.16	TAS	a_e										
BUG	112.10	SP	07:05:42.165	-0.5	66.1	10.16	TAS	a_e										
CLL	108.83	SP	07:05:09.715	1.0	66.1	10.16	TAS	a_e										
CLZ	110.17	SP	07:05:23.615	0.3	66.1	10.16	TAS	m_e										
FLT1	109.49	SP	07:05:16.715	0.3	66.1	10.16	TAS	a_e										
FUR	110.95	SP	07:05:34.015	-0.4	66.1	10.16	TAS	a_e										
GEC2	109.20	SP	07:05:16.715	0.2	66.1	10.16	TAS	a_e										
GOR1	109.21	SP	07:05:13.665	0.0	66.1	10.16	TAS	a_e										
GRA1	110.45	SP	07:05:27.165	1.6	66.1	10.16	TAS	a_e										
GRA1	110.45	L	07:46:21.962				T__		571.6	21.70	a_e	Ms					5.1	
GTTG	110.52	SP	07:05:28.715	1.0	66.1	10.16	TAS	a_e										
HLG	110.61	SP	07:05:28.015	-1.5	66.1	10.16	TAS	a_e										
IBBN	111.47	SP	07:05:35.865	0.0	66.1	10.16	TAS	a_e										
KAST	111.54	SP	07:05:37.565	-1.0	66.1	10.16	TAS	a_e										
MANZ	109.81	SP	07:05:22.815	0.6	66.1	10.16	TAS	a_e										
MOX	109.88	SP	07:05:21.565	-1.0	66.1	10.16	TAS	a_e										
MOX	109.88	L	07:52:06.966				T__		505.6	19.20	a_e	Ms					5.1	
NEUB	109.59	SP	07:05:18.465	-1.0	66.1	10.16	TAS	a_e										
PLN	109.61	SP	07:05:17.715	1.3	66.1	10.16	TAS	a_e										
RETH	110.40	SP	07:05:25.665	-0.4	66.1	10.16	TAS	a_e										
RJOB	110.13	SP	07:05:25.115	0.1	66.1	10.16	TAS	a_e										
ROTZ	109.83	SP	07:05:21.915	0.3	66.1	10.16	TAS	a_e										
RUE	107.98	SP	07:05:00.365	-0.6	66.1	10.16	TAS	a_e										
STU	112.03	SP	07:05:43.665	-0.8	66.1	10.16	TAS	a_e										
TANN	109.45	SP	07:05:16.565	0.2	66.1	10.16	TAS	a_e										
TNS	111.92	SP	07:05:42.365	-0.1	66.1	10.16	TAS	a_e										
UBBA	110.77	SP	07:05:28.565	0.5	66.1	10.16	TAS	a_e										
UBR	111.86	SP	07:05:41.815	0.6	66.1	10.16	TAS	a_e										
WET	109.62	SP	07:05:20.965	1.8	66.1	10.16	TAS	a_e										
WLF	113.50	SP	07:05:58.115		66.1	10.16	TAS	a_e										

Event 208004 India-Bangladesh border region
 Date 2020/02/08 12:47:15.59
 OrigID 208010
 Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 26.9500 88.7700 32.0 2.2 25 60.13 65.34 m i ke BGR

Magnitude Err Nsta Author OrigID
 mb 4.9 BGR 208010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	60.21		P	12:57:20.918	-0.1	81.0		6.70		TAS		13.4	1.29	m_e mb	4.8
BRG	60.21		pP	12:57:29.233		81.3		6.87		TAS				m_e	
BSEG	62.02		P	12:57:32.888	-0.1	81.0		6.70		TAS		8.5	0.82	m_e mb	5.0
BSEG	62.02		pP	12:57:42.001	-0.1	81.3		6.87		TAS				m_e	
BUG	64.27		P	12:57:47.473	0.5	81.0		6.70		TAS		20.1	1.22	m_e mb	5.2

CLL	60.75	P	12:57:23.855	-0.4	81.0	6.70	TAS	10.4	1.15	m_e	mb	4.6
CLL	60.75	pP	12:57:33.209		81.3	6.87	TAS			m_e		
CLZ	62.29	P	12:57:34.725	-0.1	81.0	6.70	TAS	15.1	0.93	m_e	mb	5.2
CLZ	62.29	pP	12:57:43.707		81.3	6.87	TAS			m_e		
FLT1	61.69	P	12:57:30.452	-0.5	81.0	6.70	TAS	13.1	1.13	m_e	mb	5.1
GEC2	60.64	P	12:57:23.761		81.0	6.70	TAS	7.1	1.04	m_e	mb	4.4
GOR1	61.56	P	12:57:29.926	-0.4	81.0	6.70	TAS	40.4	1.43	m_e	mb	5.5
GRA1	62.11	P	12:57:33.987	-0.4	81.0	6.70	TAS	25.7	1.34	m_e	mb	5.3
GTTG	62.59	P	12:57:37.175	0.1	81.0	6.70	TAS	19.9	1.28	m_e	mb	5.1
KAST	63.61	P	12:57:43.440	-0.2	81.0	6.70	TAS	52.1	1.95	m_e	mb	5.4
MANZ	61.50	P	12:57:29.266	0.2	81.0	6.70	TAS	1.4	1.08	m_e	mb	3.7
MANZ	61.50	pP	12:57:38.625		81.3	6.87	TAS			m_e		
MOX	61.71	P	12:57:30.454	0.7	81.0	6.70	TAS	8.7	1.19	m_e	mb	4.9
PLN	61.39	P	12:57:28.539	-0.1	81.0	6.70	TAS	1.8	1.08	m_e	mb	3.8
RETH	62.77	P	12:57:37.673	-0.2	81.0	6.70	TAS	134.5	2.52	m_e	mb	5.6
RJOB	61.40	P	12:57:28.198		81.0	6.70	TAS	8.3	1.37	m_e	mb	4.4
ROTZ	61.47	P	12:57:29.931	0.4	81.0	6.70	TAS	3.7	1.28	m_e	mb	4.1
ROTZ	61.47	pP	12:57:38.634		81.3	6.87	TAS			m_e		
RUE	60.13	P	12:57:19.801	0.0	81.0	6.70	TAS	18.8	1.06	m_e	mb	5.0
STU	63.58	P	12:57:43.723		81.0	6.70	TAS	31.9	1.15	m_e	mb	5.4
STU	63.58	pP	12:57:52.409		81.3	6.87	TAS			m_e		
TANN	61.21	P	12:57:27.333	0.5	81.0	6.70	TAS	17.0	1.49	m_e	mb	4.7
TNS	63.78	P	12:57:44.624	0.2	81.0	6.70	TAS	13.9	1.04	m_e	mb	5.1
UBBA	62.69	P	12:57:37.905	-0.1	81.0	6.70	TAS	70.1	2.41	m_e	mb	5.4
UBR	63.20	P	12:57:40.168		81.0	6.70	TAS	2.7	0.68	m_e	mb	4.5
WET	61.13	P	12:57:27.036		81.0	6.70	TAS	6.0	1.10	m_e	mb	4.3
WLF	65.34	P	12:57:55.144	-0.3	81.0	6.70	TAS	30.4	1.11	m_e	mb	5.4

Event 208005 South Sandwich Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/08	14:32:57.60			-59.6630	-25.2910			16.0				29		110.82	117.98	m i ke	NEIC
	208044																

Magnitude	Err	Nsta	Author	OrigID
Ms	5.8		BGR	208011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	115.16		Sdiff	15:00:39.470	0.3	195.2		8.60		TAS				a_e	
ASSE	115.16		SP	15:02:23.347	-0.8	200.5		8.11		TAS				a_e	
BFO	111.07		Sdiff	15:00:03.270	-0.4	195.2		8.60		TAS				a_e	
BFO	111.07		SP	15:01:52.097	4.0	200.5		8.11		TAS				a_e	
BRG	114.67		Sdiff	15:00:33.720	0.8	195.2		8.60		TAS				a_e	
BRG	114.67		SP	15:02:19.647	0.2	200.5		8.11		TAS				a_e	
BSEG	116.80		Sdiff	15:00:51.520	-0.0	195.2		8.60		TAS				a_e	
BSEG	116.80		SP	15:02:38.547	2.0	200.5		8.11		TAS				a_e	

BUG	113.84	Sdiff	15:00:29.620	1.1	195.2	8.60	TAS		a_e		
BUG	113.84	SP	15:02:12.797	-1.4	200.5	8.11	TAS		a_e		
CLL	114.87	Sdiff	15:00:35.620	1.0	195.2	8.60	TAS		a_e		
CLL	114.87	SP	15:02:20.847	-0.6	200.5	8.11	TAS		a_e		
CLZ	114.83	Sdiff	15:00:36.620	0.6	195.2	8.60	TAS		a_e		
CLZ	114.83	SP	15:02:20.797	-1.1	200.5	8.11	TAS		a_e		
FLT1	115.46	Sdiff	15:00:41.270	-1.5	195.2	8.60	TAS		a_e		
FLT1	115.46	SP	15:02:25.647	0.2	200.5	8.11	TAS		a_e		
FUR	111.53	Sdiff	15:00:05.120	-1.3	195.2	8.60	TAS		a_e		
FUR	111.53	SP	15:01:57.047	-0.1	200.5	8.11	TAS		a_e		
GEC2	112.72	Sdiff	15:00:15.470	-0.4	195.2	8.60	TAS		a_e		
GEC2	112.72	SP	15:02:05.897	-0.0	200.5	8.11	TAS		a_e		
GOR1	116.10	SP	15:02:31.947	0.6	200.5	8.11	TAS		a_e		
GRA1	112.97	Sdiff	15:00:18.170	-0.8	195.2	8.60	TAS		a_e		
GRA1	112.97	SP	15:02:04.747	-1.1	200.5	8.11	TAS		a_e		
GRA1	112.97	L	15:36:14.263				T__	2427.8	18.70	a_e Ms	5.8
GTTG	114.46	Sdiff	15:00:34.970	2.3	195.2	8.60	TAS		a_e		
GTTG	114.46	SP	15:02:20.620	-1.2	200.5	8.11	TAS		m_e		
HLG	116.57	Sdiff	15:00:48.920	-1.6	195.2	8.60	TAS		a_e		
HLG	116.57	SP	15:02:36.647	1.4	200.5	8.11	TAS		a_e		
IBBN	114.76	SP	15:02:20.847	-0.5	200.5	8.11	TAS		m_e		
KAST	113.83	Sdiff	15:00:29.270	1.4	195.2	8.60	TAS		a_e		
KAST	113.83	SP	15:02:12.997	-0.3	200.5	8.11	TAS		a_e		
MANZ	113.44	Sdiff	15:00:23.520	0.8	195.2	8.60	TAS		a_e		
MANZ	113.44	SP	15:02:08.947	-0.9	200.5	8.11	TAS		a_e		
MOX	113.95	Sdiff	15:00:28.320	0.8	195.2	8.60	TAS		a_e		
MOX	113.95	SP	15:02:12.897	2.3	200.5	8.11	TAS		a_e		
MOX	113.95	L	15:35:21.068				T__	2460.8	20.10	a_e Ms	5.8
NEUB	114.50	Sdiff	15:00:33.520	1.2	195.2	8.60	TAS		a_e		
NEUB	114.50	SP	15:02:17.547	-0.8	200.5	8.11	TAS		a_e		
PLN	113.92	Sdiff	15:00:26.170	-0.8	195.2	8.60	TAS		a_e		
PLN	113.92	SP	15:02:12.197	-1.4	200.5	8.11	TAS		a_e		
RETH	115.47	SP	15:02:26.597	0.3	200.5	8.11	TAS		a_e		
RGN	117.98	Sdiff	15:01:02.270		195.2	8.60	TAS		a_e		
RGN	117.98	SP	15:02:48.897		200.5	8.11	TAS		a_e		
RJOB	111.47	Sdiff	15:00:04.070	-1.2	195.2	8.60	TAS		a_e		
RJOB	111.47	SP	15:01:58.597	2.2	200.5	8.11	TAS		a_e		
ROTZ	113.25	Sdiff	15:00:20.820	-0.3	195.2	8.60	TAS		m_e		
ROTZ	113.25	SP	15:02:07.647	-1.3	200.5	8.11	TAS		a_e		
RUE	116.14	Sdiff	15:00:44.420	-3.4	195.2	8.60	TAS		a_e		
RUE	116.14	SP	15:02:32.747	1.3	200.5	8.11	TAS		a_e		
STU	111.67	Sdiff	15:00:09.020	0.5	195.2	8.60	TAS		a_e		
STU	111.67	SP	15:01:55.597	-0.6	200.5	8.11	TAS		a_e		
TANN	113.92	Sdiff	15:00:27.520	0.7	195.2	8.60	TAS		a_e		
TANN	113.92	SP	15:02:12.797	-1.9	200.5	8.11	TAS		a_e		
TNS	112.90	Sdiff	15:00:20.270	0.6	195.2	8.60	TAS		a_e		
TNS	112.90	SP	15:02:04.647	-1.6	200.5	8.11	TAS		a_e		
UBBA	113.78	Sdiff	15:00:28.320	1.6	195.2	8.60	TAS		a_e		
UBBA	113.78	SP	15:02:11.847	-0.1	200.5	8.11	TAS		a_e		

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UBR	110.82	Sdiff	14:59:59.820	-0.8	195.2	8.60	TAS	a_e
WET	112.81	Sdiff	15:00:16.270	-0.7	195.2	8.60	TAS	a_e
WET	112.81	SP	15:02:05.347	-0.9	200.5	8.11	TAS	a_e
WLF	111.93	Sdiff	15:00:11.020	-1.3	195.2	8.60	TAS	a_e
WLF	111.93	SP	15:01:57.047	1.1	200.5	8.11	TAS	a_e

Event 209002 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/09	06:04:29.80			-5.4400	152.0900				35.0		30		121.95	127.41	m i ke	EMSC
	209034															

Magnitude	Err	Nsta	Author	OrigID
Ms	6.0		BGR	209008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	123.64		PKPdf	06:23:23.293	-0.0	52.2		1.94		TAS				a_e	
BFO	127.30		PKPdf	06:23:29.893	-0.3	52.2		1.94		TAS				a_e	
BRG	122.87		PKPdf	06:23:21.693	0.1	52.2		1.94		TAS				a_e	
BSEG	122.57		PKPdf	06:23:21.293	-0.2	52.2		1.94		TAS				a_e	
BUG	125.64		PKPdf	06:23:26.993	-0.3	52.2		1.94		TAS				a_e	
CLL	123.06		PKPdf	06:23:21.793	-0.2	52.2		1.94		TAS				a_e	
CLZ	123.97		PKPdf	06:23:24.093	0.1	52.2		1.94		TAS				a_e	
FLT1	123.24		PKPdf	06:23:22.293	-0.2	52.2		1.94		TAS				a_e	
FLT1	123.24		PP	06:25:03.254		55.0		6.64		TAS				m_e	
FUR	125.92		PKPdf	06:23:27.493	0.0	52.2		1.94		TAS				a_e	
GEC2	124.22		PKPdf	06:23:24.243	0.1	52.2		1.94		TAS				a_e	
GOR1	122.77		PKPdf	06:23:21.943	0.3	52.2		1.94		TAS				a_e	
GRA1	124.97		PKPdf	06:23:25.743	0.1	52.2		1.94		TAS				a_e	
GRA1	124.97		L	07:18:48.239						T__		4106.1	21.30	a_e Ms	6.1
GTTG	124.35		PKPdf	06:23:24.793	0.1	52.2		1.94		TAS				m_e	
GTTG	124.35		PP	06:25:11.632		55.0		6.64		TAS				m_e	
IBBN	124.82		PKPdf	06:23:25.543	-0.2	52.2		1.94		TAS				a_e	
KAST	125.30		PKPdf	06:23:26.593	0.0	52.2		1.94		TAS				a_e	
MANZ	124.34		PKPdf	06:23:24.643	0.2	52.2		1.94		TAS				a_e	
MOX	124.16		PKPdf	06:23:24.193	0.0	52.2		1.94		TAS				a_e	
MOX	124.16		PP	06:25:08.726		55.0		6.64		TAS				m_e	
MOX	124.16		L	07:22:48.755						T__		3352.2	20.80	a_e Ms	6.0
NEUB	123.73		PKPdf	06:23:23.193	-0.2	52.2		1.94		TAS				a_e	
PLN	124.00		PKPdf	06:23:23.893	0.1	52.2		1.94		TAS				a_e	
RETH	123.81		PKPdf	06:23:23.793	0.0	52.2		1.94		TAS				a_e	
RJOB	125.37		PKPdf	06:23:25.943	-0.4	52.2		1.94		TAS				a_e	
ROTZ	124.43		PKPdf	06:23:24.743	0.1	52.2		1.94		TAS				a_e	
RUE	121.95		PKPdf	06:23:19.943	0.0	52.2		1.94		TAS				a_e	
RUE	121.95		PP	06:24:55.195	0.4	55.0		6.64		TAS				m_e	
STU	126.58		PKPdf	06:23:28.793	-0.0	52.2		1.94		TAS				a_e	

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TANN	123.89	PKPdf	06:23:23.743	0.1	52.2	1.94	TAS	a_e
TNS	125.96	PKPdf	06:23:27.893	0.1	52.2	1.94	TAS	a_e
TNS	125.96	PP	06:25:21.679		55.0	6.64	TAS	m_e
UBBA	124.82	PKPdf	06:23:25.593	0.1	52.2	1.94	TAS	a_e
UBR	126.83	PKPdf	06:23:29.093	-0.1	52.2	1.94	TAS	a_e
WET	124.47	PKPdf	06:23:24.943	0.3	52.2	1.94	TAS	a_e
WLF	127.41	PKPdf	06:23:31.193	0.6	52.2	1.94	TAS	a_e

Event 209003 Bismarck Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/09	09:42:25.50			-4.6400	149.4400				567.0			11		120.84	124.76	m i ke	EMSC
	209035																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	120.84		PKPdf	10:00:13.079		52.3		2.04		TAS				m_e	
BUG	123.74		PKPdf	10:00:19.186		52.3		2.04		TAS				m_e	
CLL	121.06		PKPdf	10:00:13.521		52.3		2.04		TAS				m_e	
FLT1	121.30		PKPdf	10:00:14.029	0.0	52.3		2.04		TAS				m_e	
GEC2	122.13		PKPdf	10:00:15.551		52.3		2.04		TAS				m_e	
MANZ	122.31		PKPdf	10:00:15.993		52.3		2.04		TAS				m_e	
RJOB	123.27		PKPdf	10:00:17.317		52.3		2.04		TAS				m_e	
STU	124.56		PKPdf	10:00:20.760		52.3		2.04		TAS				m_e	
TNS	124.00		PKPdf	10:00:19.626		52.3		2.04		TAS				m_e	
UBR	124.76		PKPdf	10:00:20.936		52.3		2.04		TAS				m_e	
WET	122.40		PKPdf	10:00:16.427		52.3		2.04		TAS				m_e	

Event 209004 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/09	10:27:34.01			-16.5700	-179.1200				500.0			14		144.01	148.06	m i ke	BGR
	209010																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	144.21		PKPbc	10:46:10.976		18.4		3.09		TAS				m_e	
CLL	144.01		PKPbc	10:46:10.098		18.4		3.09		TAS				m_e	
CLZ	144.01		PKPbc	10:46:10.480		18.4		3.09		TAS				m_e	
FUR	147.36		PKPbc	10:46:20.447		18.4		3.09		TAS				m_e	
GEC2	146.15		PKPbc	10:46:17.134		18.4		3.09		TAS				m_e	

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GRA1	145.91	PKPbc	10:46:16.747	18.4	3.09	TAS	m_e
GTTG	144.36	PKPbc	10:46:11.577	18.4	3.09	TAS	m_e
MANZ	145.45	PKPbc	10:46:15.088	18.4	3.09	TAS	m_e
MOX	144.93	PKPbc	10:46:13.425	18.4	3.09	TAS	m_e
NEUB	144.38	PKPbc	10:46:11.484	18.4	3.09	TAS	m_e
PLN	144.97	PKPbc	10:46:13.609	18.4	3.09	TAS	m_e
ROTZ	145.64	PKPbc	10:46:15.734	18.4	3.09	TAS	m_e
TANN	144.97	PKPbc	10:46:13.748	18.4	3.09	TAS	m_e
UBR	148.06	PKPbc	10:46:22.366	18.4	3.09	TAS	m_e

Event 210007 Dodecanese Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/10	22:46:54.35	3.51	0.84	35.3320	27.7380	75.6	62.3	15	10.0			23	347	16.66	20.66	m i ke	BGR
OrigID 210013																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	210013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	18.46		P	22:51:07.874	-0.7	137.0		11.72		TAS		57.1	1.73	m_e mb	4.4
CLL	19.17		P	22:51:16.582		137.0		11.72		TAS		60.1	1.23	m_e mb	4.7
CLZ	20.66		P	22:51:34.885		137.0		11.72		TAS		35.6	1.07	m_e mb	4.6
FBE	18.73		P	22:51:10.789	-0.2	137.0		11.72		TAS		77.8	1.33	m_e mb	4.8
FUR	17.71		P	22:50:58.662	0.6	137.0		11.72		TAS	103.1	0.85	m_e mb	5.0	
GEC2	17.02		P	22:50:51.132	-0.2	137.0		11.72		TAS		61.7	1.05	m_e mb	4.7
GRA1	18.76		P	22:51:11.301		137.0		11.72		TAS		63.5	0.90	m_e mb	4.8
GRZ1			P	22:51:14.561	1.6	137.0		11.72		TAS		22.8	1.20	m_e mb	4.3
GTTG	20.63		P	22:51:31.890		137.0		11.72		TAS	109.0	1.20	m_e mb	5.1	
MANZ	18.56		P	22:51:08.784	1.9	137.0		11.72		TAS		14.1	1.02	m_e mb	4.1
MLFH	19.16		P	22:51:16.461	0.7	137.0		11.72		TAS		84.2	1.16	m_e mb	4.9
MOX	19.26		P	22:51:17.327		137.0		11.72		TAS		76.2	1.10	m_e mb	4.8
MULD	18.74		P	22:51:11.448	-0.1	137.0		11.72		TAS		36.3	1.14	m_e mb	4.5
NKC	18.59		P	22:51:11.842	1.1	137.0		11.72		TAS		57.9	1.23	m_e mb	4.7
PLN	18.90		P	22:51:13.382	0.3	137.0		11.72		TAS		24.9	1.04	m_e mb	4.4
POSS	20.08		P	22:51:25.764		137.0		11.72		TAS	111.0	1.06	m_e mb	5.0	
RJOB	16.66		P	22:50:46.755	0.4	137.0		11.72		TAS		27.8	0.93	m_e mb	4.4
ROTZ	18.36		P	22:51:06.618	-0.3	137.0		11.72		TAS		50.3	2.47	m_e mb	4.2
RUE	19.81		P	22:51:24.714		137.0		11.72		TAS	200.6	1.15	m_e mb	5.2	
TAUT	19.46		P	22:51:20.782		137.0		11.72		TAS		79.3	1.08	m_e mb	4.9
TNS	20.45		P	22:51:31.952		137.0		11.72		TAS		64.1	0.89	m_e mb	4.9
WERN	18.66		P	22:51:11.835	-0.7	137.0		11.72		TAS		18.9	0.72	m_e mb	4.4
WET	17.60		P	22:50:56.927	-1.3	137.0		11.72		TAS		53.3	0.94	m_e mb	4.7
ZEITZ			P	22:51:18.977		137.0		11.72		TAS	102.8	1.83	m_e mb	4.8	

Event 211005 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/11	10:21:49.00			-22.4600	-174.3200				56.0			11		149.87	155.00	m i ke	EMSC

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	154.03		PKPab	10:42:00.248		11.1		4.70		TAS					m_e
BFO	154.10		PKPab	10:42:00.745		11.1		4.70		TAS					m_e
BIOA			PKPab	10:42:00.779		11.1		4.70		TAS					m_e
BRG	150.91		PKPbc	10:41:39.656		11.5		2.60		TAS					m_e
CLL	150.65		PKPbc	10:41:38.746	-0.5	11.5		2.60		TAS					m_e
CLZ	150.45		PKPbc	10:41:38.660	1.1	11.5		2.60		TAS					m_e
DAVA	155.00		PKPab	10:42:04.845		11.1		4.70		TAS					m_e
FLT1	149.87		PKPbc	10:41:36.985	0.0	11.5		2.60		TAS					m_e
GEC2	152.91		PKPbc	10:41:46.113		11.5		2.60		TAS					m_e
GRA1	152.47		PKPab	10:41:52.839		11.1		4.70		TAS					m_e
IBBN	150.16		PKPbc	10:41:38.167	-0.5	11.5		2.60		TAS					m_e
KBA	154.67		PKPbc	10:41:49.173		11.5		2.60		TAS					m_e
LESA			PKPab	10:42:02.100		11.1		4.70		TAS					m_e
MANZ	152.06		PKPbc	10:41:42.207		11.5		2.60		TAS					m_e
MOA	153.75		PKPab	10:41:59.177		11.1		4.70		TAS					m_e
MOX	151.49		PKPbc	10:41:41.479		11.5		2.60		TAS					m_e
PLN	151.57		PKPbc	10:41:41.418		11.5		2.60		TAS					m_e
RJOB	154.14		PKPab	10:42:00.956		11.1		4.70		TAS					m_e
SQTA			PKPab	10:42:03.503		11.1		4.70		TAS					m_e
TANN	151.60		PKPbc	10:41:41.303		11.5		2.60		TAS					m_e
TNS	152.21		PKPab	10:41:52.161		11.1		4.70		TAS					m_e
WLF	152.85		PKPab	10:41:55.838		11.1		4.70		TAS					m_e

Event 211006 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/11	11:07:04.59			-24.8800	-179.2700				507.6	2.9		28		150.11	155.84	m i ke	BGR

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	151.76		PKPbc	11:26:01.281	-0.1	24.2		2.20		TAS					m_e
ASSE	151.76		PKPab	11:26:12.180	0.1	20.5		4.34		TAS					m_e
BFO	155.84		PKPab	11:26:29.789		20.5		4.34		TAS					m_e

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BRG	152.12	PKPbc	11:26:01.644	-0.3	24.2	2.20	TAS	m_e
BRG	152.12	PKPab	11:26:14.055	0.2	20.5	4.34	TAS	m_e
BRG	152.12	pPKPbc	11:28:01.705				T__	m_e
BSEG	150.11	PKPbc	11:25:57.471	-0.4	24.2	2.20	TAS	m_e
CLL	151.98	PKPbc	11:26:01.644	0.0	24.2	2.20	TAS	m_e
CLL	151.98	PKPab	11:26:13.183	0.0	20.5	4.34	TAS	m_e
CLL	151.98	pPKPbc	11:28:00.524				T__	m_e
CLZ	152.09	PKPbc	11:26:02.279	0.2	24.2	2.20	TAS	m_e
FLT1	151.45	PKPbc	11:26:00.374	-0.2	24.2	2.20	TAS	m_e
FLT1	151.45	PKPab	11:26:10.743	-0.2	20.5	4.34	TAS	m_e
FUR	155.31	PKPab	11:26:28.086		20.5	4.34	TAS	m_e
GEC2	154.00	PKPbc	11:26:05.530		24.2	2.20	TAS	m_e
GEC2	154.00	PKPab	11:26:22.012	0.2	20.5	4.34	TAS	m_e
GOR1	150.81	PKPbc	11:25:59.648	0.4	24.2	2.20	TAS	m_e
GRA1	153.92	PKPab	11:26:21.966	0.0	20.5	4.34	TAS	m_e
GTTG	152.45	PKPbc	11:26:03.126	0.2	24.2	2.20	TAS	m_e
GTTG	152.45	PKPab	11:26:15.593	-0.2	20.5	4.34	TAS	m_e
IBBN	152.10	PKPbc	11:26:02.397	-0.1	24.2	2.20	TAS	m_e
IBBN	152.10	PKPab	11:26:14.183	0.4	20.5	4.34	TAS	m_e
KAST	153.06	PKPbc	11:26:04.071	0.5	24.2	2.20	TAS	m_e
MANZ	153.42	PKPbc	11:26:05.301	0.2	24.2	2.20	TAS	m_e
MANZ	153.42	PKPab	11:26:19.591	-0.1	20.5	4.34	TAS	m_e
MOX	152.94	PKPbc	11:26:03.849	0.1	24.2	2.20	TAS	m_e
MOX	152.94	PKPab	11:26:17.651	-0.6	20.5	4.34	TAS	m_e
NEUB	152.39	PKPbc	11:26:02.877	0.3	24.2	2.20	TAS	m_e
NEUB	152.39	PKPab	11:26:15.102	0.2	20.5	4.34	TAS	m_e
PLN	152.95	PKPbc	11:26:03.711	-0.1	24.2	2.20	TAS	m_e
PLN	152.95	PKPab	11:26:17.928	0.5	20.5	4.34	TAS	m_e
RETH	151.42	PKPbc	11:26:00.646	-0.1	24.2	2.20	TAS	m_e
RETH	151.42	PKPab	11:26:11.104	-0.1	20.5	4.34	TAS	m_e
RJOB	155.26	PKPab	11:26:28.199		20.5	4.34	TAS	m_e
ROTZ	153.60	PKPab	11:26:20.969	0.2	20.5	4.34	TAS	m_e
RUE	150.72	PKPbc	11:25:59.104	0.2	24.2	2.20	TAS	m_e
STU	155.24	PKPab	11:26:27.469		20.5	4.34	TAS	m_e
TANN	152.94	PKPbc	11:26:03.833	0.1	24.2	2.20	TAS	m_e
TANN	152.94	PKPab	11:26:17.534	-0.1	20.5	4.34	TAS	m_e
TNS	154.00	PKPbc	11:26:06.599		24.2	2.20	TAS	m_e
TNS	154.00	PKPab	11:26:22.078		20.5	4.34	TAS	m_e
UBBA	153.13	PKPab	11:26:18.045	-0.1	20.5	4.34	TAS	m_e
WET	153.98	PKPab	11:26:22.088	-0.3	20.5	4.34	TAS	m_e
WLF	154.90	PKPab	11:26:26.249		20.5	4.34	TAS	m_e

Event 212001 Vanuatu Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/12	01:28:20.67			-19.8360	171.0860				33.0			8		143.97	145.82	m i ke	BGR

212007

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	144.15		PKPbc	01:47:51.090		35.5		3.05		TAS				m_e		
CLL	144.17		PKPbc	01:47:50.960		35.5		3.05		TAS				m_e		
CLZ	144.67		PKPbc	01:47:52.701		35.5		3.05		TAS				m_e		
FLT1	143.97		PKPbc	01:47:50.265		35.5		3.05		TAS				m_e		
GEC2	145.82		PKPbc	01:47:56.058		35.5		3.05		TAS				m_e		
PLN	145.15		PKPbc	01:47:54.504		35.5		3.05		TAS				m_e		
ROTZ	145.71		PKPbc	01:47:55.458		35.5		3.05		TAS				m_e		
TANN	145.09		PKPbc	01:47:54.181		35.5		3.05		TAS				m_e		

Event	212003	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
OrigID																	
2020/02/12	10:37:27.80		38.9220	141.9670				82.1		3.9		20		79.53	84.13	m i ke	BGR
212009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	212009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	79.90		pP	10:49:45.635		33.9		5.33		TAS				m_e		
BFO	83.87		P	10:49:46.191		36.4		5.26		TAS		23.3	1.08	m_e mb	5.3	
BRG	79.65		P	10:49:24.083	0.5	36.4		5.26		TAS		177.4	2.59	m_e mb	5.5	
CLL	79.68		P	10:49:23.625	-0.5	36.4		5.26		TAS		22.0	0.93	m_e mb	5.1	
CLZ	80.25		sP	10:49:58.760		37.5		5.25		TAS				m_e		
DAVA	84.13		P	10:49:47.125		36.4		5.26		TAS		15.3	0.95	m_e mb	5.2	
FETA			P	10:49:46.759		36.4		5.26		TAS		9.9	1.00	m_e mb	5.0	
FLT1	79.53		P	10:49:22.731	0.4	36.4		5.26		TAS		31.3	1.26	m_e mb	5.1	
FLT1	79.53		sP	10:49:54.287		37.5		5.25		TAS				m_e		
FUR	82.86		P	10:49:41.158		36.4		5.26		TAS		36.7	0.83	m_e mb	5.6	
GEC2	81.34		P	10:49:32.495		36.4		5.26		TAS		33.5	1.32	m_e mb	5.2	
GEC2	81.34		pP	10:49:54.144		33.9		5.33		TAS				m_e		
GEC2	81.34		sP	10:50:03.925		37.5		5.25		TAS				m_e		
GRA1	81.66		P	10:49:35.273		36.4		5.26		TAS		41.3	1.05	m_e mb	5.5	
IBBN	80.80		P	10:49:30.707	-0.1	36.4		5.26		TAS		76.8	1.46	m_e mb	5.5	
KBA	82.88		P	10:49:41.696		36.4		5.26		TAS		16.6	0.86	m_e mb	5.3	
KBA	82.88		pP	10:50:02.629		33.9		5.33		TAS				m_e		
LESA			sP	10:50:11.689		37.5		5.25		TAS				m_e		
MANZ	81.07		P	10:49:31.956	-0.0	36.4		5.26		TAS		3.1	0.93	m_e mb	4.3	
MOA	81.89		P	10:49:36.167		36.4		5.26		TAS		17.7	1.21	m_e mb	5.1	
MOTA			P	10:49:44.346		36.4		5.26		TAS		71.8	1.97	m_e mb	5.6	
MOX	80.74		P	10:49:30.073	-0.4	36.4		5.26		TAS		26.9	1.35	m_e mb	5.1	

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OBKA	82.81	P	10:49:40.946	36.4	5.26	TAS	6.6	0.91	m_e	mb	4.9
RETA		P	10:49:44.783	36.4	5.26	TAS	19.9	1.07	m_e	mb	5.3
RETA		pP	10:50:06.074	33.9	5.33	TAS			m_e		
ROTZ	81.21	P	10:49:32.752	-0.2	36.4	5.26			m_e		
UBBA	81.21	P	10:49:31.722	-0.5	36.4	5.26	64.8	1.76	m_e	mb	5.4
WET	81.44	P	10:49:32.692	36.4	5.26	TAS	29.8	1.30	m_e	mb	5.2
WET	81.44	sP	10:50:04.936	37.5	5.25	TAS			m_e		

Event 212004 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/12	14:57:57.46			-16.4180	-178.0520				561.5			6		142.00	148.11	m i ke	BGR
	212010																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	143.70		PKPbc	15:16:26.580	0.0	16.0		2.90		TAS				m_e	
BFO	147.75		PKPbc	15:16:37.871		16.0		2.90		TAS				m_e	
BRG	144.30		PKPbc	15:16:28.584	0.1	16.0		2.90		TAS				m_e	
BSEG	142.00		PKPbc	15:16:21.347	0.1	16.0		2.90		TAS				m_e	
BUG	144.80		PKPbc	15:16:30.564	0.3	16.0		2.90		TAS				m_e	
CLL	144.09		PKPbc	15:16:27.708	0.2	16.0		2.90		TAS				m_e	
CLZ	144.03		PKPbc	15:16:27.652	0.1	16.0		2.90		TAS				m_e	
FLT1	143.42		PKPbc	15:16:25.297	0.0	16.0		2.90		TAS				m_e	
FUR	147.43		PKPbc	15:16:37.172	-0.5	16.0		2.90		TAS				m_e	
GEC2	146.26		PKPbc	15:16:34.271	0.0	16.0		2.90		TAS				m_e	
GOR1	142.77		PKPbc	15:16:24.031	-0.2	16.0		2.90		TAS				m_e	
GRA1	145.97		PKPbc	15:16:33.666	0.1	16.0		2.90		TAS				m_e	
GRA1	145.97		pPKPbc	15:18:42.304						T_				m_e	
GTTG	144.38		PKPbc	15:16:28.890	0.4	16.0		2.90		TAS				m_e	
IBBN	143.90		PKPbc	15:16:27.517	-0.1	16.0		2.90		TAS				m_e	
KAST	144.91		PKPdf	15:16:28.977		20.4		1.63		TAS				m_e	
KAST	144.91		PKPbc	15:16:30.428	0.3	16.0		2.90		TAS				m_e	
MANZ	145.52		PKPdf	15:16:29.557		20.4		1.63		TAS				m_e	
MANZ	145.52		PKPbc	15:16:32.183	0.1	16.0		2.90		TAS				m_e	
MOX	144.98		PKPdf	15:16:28.750		20.4		1.63		TAS				m_e	
MOX	144.98		PKPbc	15:16:30.630	0.0	16.0		2.90		TAS				m_e	
NEUB	144.43		PKPbc	15:16:28.795	0.1	16.0		2.90		TAS				m_e	
PLN	145.03		PKPdf	15:16:29.210		20.4		1.63		TAS				m_e	
PLN	145.03		PKPbc	15:16:30.818	-0.0	16.0		2.90		TAS				m_e	
RETH	143.29		PKPbc	15:16:25.380	-0.1	16.0		2.90		TAS				m_e	
ROTZ	145.71		PKPbc	15:16:32.691	0.4	16.0		2.90		TAS				m_e	
RUE	142.82		PKPbc	15:16:23.903	-0.5	16.0		2.90		TAS				m_e	
STU	147.19		PKPdf	15:16:32.688		20.4		1.63		TAS				m_e	
STU	147.19		PKPbc	15:16:36.855	-0.6	16.0		2.90		TAS				m_e	

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TANN	145.04	PKPbc	15:16:30.585	0.2	16.0	2.90	TAS	m_e
TNS	145.87	PKPbc	15:16:33.164	-0.1	16.0	2.90	TAS	m_e
UBBA	145.08	PKPbc	15:16:30.644	0.2	16.0	2.90	TAS	m_e
UBR	148.11	PKPbc	15:16:38.968		16.0	2.90	TAS	m_e
WET	146.17	PKPdf	15:16:30.485		20.4	1.63	TAS	m_e
WET	146.17	PKPbc	15:16:33.790	0.2	16.0	2.90	TAS	m_e
WLF	146.66	PKPbc	15:16:35.854	-0.3	16.0	2.90	TAS	m_e

Event 213002 Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/13	03:56:00.97			28.1190	128.7900				33.0			4		83.81	84.78	m i ke	BGR
OrigID 213008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	213008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLZ	83.86		P	04:08:27.351		57.5		4.56		TAS		27.7	1.03	m_e mb	5.4
GEC2	84.00		P	04:08:27.821		57.5		4.56		TAS		6.2	1.10	m_e mb	4.8
GRA1	84.78		P	04:08:31.075		57.5		4.56		TAS		49.1	1.62	m_e mb	5.5
PLN	83.81		P	04:08:27.397		57.5		4.56		TAS		7.5	1.37	m_e mb	4.7
ROTZ	84.23		P	04:08:28.877		57.5		4.56		TAS		3.9	1.12	m_e mb	4.5

Event 213001 Northwest of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/13	10:33:55.04			46.8730	147.6610				146.6			31		71.82	79.22	m i ke	BGR
OrigID 213007																	

Magnitude	Err	Nsta	Author	OrigID
mb	7.3		BGR	213007
MBB	7.6		BGR	213007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	77.35		P	10:45:31.787	0.3	28.3		5.66		TAS				m_e	
ARSA	77.35		PP	10:48:32.218		27.1		8.70		TAS				m_e	
ASSE	74.72		P	10:45:16.478	0.1	28.3		5.66		TAS		4084.4	1.48	a_e MBB	7.6
BFO	78.78		P	10:45:38.872	-0.5	28.3		5.66		TAS				m_e	
BFO	78.78		PP	10:48:41.757		27.1		8.70		TAS				m_e	
BRG	74.78		P	10:45:16.728	-0.1	28.3		5.66		TAS		1440.1	1.15	a_e MBB	7.5
BSEG	73.24		P	10:45:08.028	0.0	28.3		5.66		TAS		1494.7	1.37	a_e MBB	7.3
BUG	76.31		P	10:45:25.178	-0.1	28.3		5.66		TAS		7307.4	1.57	a_e MBB	7.7

BUG	76.31	PP	10:48:20.584		27.1	8.70	TAS					m_e	
CLL	74.71	P	10:45:15.978	-0.4	28.3	5.66	TAS	13222.7	1.81	a_e	MBB	7.7	
CLZ	75.06	P	10:45:18.728	0.4	28.3	5.66	TAS	10580.3	1.61	a_e	MBB	7.7	
DAVA	79.22	P	10:45:41.867		28.3	5.66	TAS					m_e	
FLT1	74.37	P	10:45:13.878	-0.6	28.3	5.66	TAS	1669.9	0.93	a_e	MBB	7.6	
FUR	78.00	P	10:45:35.028	0.0	28.3	5.66	TAS					a_e	
GEC2	76.61	P	10:45:27.178	0.1	28.3	5.66	TAS					a_e	
GEC2	76.61	PP	10:48:25.703		27.1	8.70	TAS					m_e	
GOR1	73.77	P	10:45:11.328	0.2	28.3	5.66	TAS	5902.7	1.55	a_e	MBB	7.8	
GRA1	76.68	P	10:45:27.928	0.4	28.3	5.66	TAS					a_e	
GTTG	75.44	P	10:45:20.678	0.2	28.3	5.66	TAS	5956.4	1.48	a_e	MBB	7.7	
HLG	73.70	P	10:45:10.578	0.1	28.3	5.66	TAS	4441.9	1.56	a_e	MBB	7.7	
IBBN	75.40	P	10:45:20.178	0.0	28.3	5.66	TAS	16069.1	2.32	a_e	MBB	7.7	
KAST	76.20	P	10:45:24.828	0.1	28.3	5.66	TAS	5037.6	1.57	a_e	MBB	7.7	
KAST	76.20	pp	10:46:00.968				T__					m_e	
KBA	78.26	P	10:45:36.962	0.3	28.3	5.66	TAS					m_e	
KBA	78.26	PP	10:48:39.896		27.1	8.70	TAS					m_e	
MANZ	76.14	P	10:45:24.528	0.0	28.3	5.66	TAS	495.6	1.36	a_e	MBB	7.0	
MOA	77.28	P	10:45:31.295	0.2	28.3	5.66	TAS					m_e	
MOA	77.28	PP	10:48:29.425		27.1	8.70	TAS					m_e	
MOX	75.73	P	10:45:22.178	0.1	28.3	5.66	TAS	4075.1	1.47	m_e	MBB	7.7	
MOX	75.73	PP	10:48:17.094		27.1	8.70	TAS					m_e	
NEUB	75.20	P	10:45:18.878	-0.3	28.3	5.66	TAS	6277.7	1.45	a_e	MBB	7.8	
OBKA	78.33	P	10:45:36.901	-0.5	28.3	5.66	TAS					m_e	
PLN	75.69	P	10:45:22.078	0.1	28.3	5.66	TAS	1120.6	1.36	a_e	MBB	7.2	
RETH	74.57	P	10:45:15.578	0.1	28.3	5.66	TAS	5349.8	1.50	a_e	MBB	7.6	
RGN	71.82	P	10:44:59.778	-0.3	28.3	5.66	TAS	8227.3	1.61	a_e	MBB	7.8	
ROTZ	76.30	P	10:45:25.728	0.3	28.3	5.66	TAS					a_e	
RUE	73.46	P	10:45:09.228	-0.1	28.3	5.66	TAS	5823.5	1.39	a_e	MBB	7.7	
SQTA		PP	10:48:44.084		27.1	8.70	TAS					m_e	
STU	78.12	P	10:45:35.278	-0.4	28.3	5.66	TAS					a_e	
TANN	75.66	P	10:45:21.878	0.1	28.3	5.66	TAS					a_e	
TANN	75.66	PP	10:48:15.698		27.1	8.70	TAS					m_e	
TNS	77.06	P	10:45:29.628	0.0	28.3	5.66	TAS					a_e	
UBBA	76.07	P	10:45:23.928	-0.1	28.3	5.66	TAS	5116.3	1.63	a_e	MBB	7.6	
UBBA	76.07	PP	10:48:18.723		27.1	8.70	TAS					m_e	
UBR	78.80	P	10:45:39.228	-0.3	28.3	5.66	TAS					a_e	
WET	76.63	P	10:45:27.678	0.5	28.3	5.66	TAS					a_e	
WLF	78.22	P	10:45:36.351	0.2	28.3	5.66	TAS					m_e	
WLF	78.22	PP	10:48:38.500		27.1	8.70	TAS					m_e	
WTTA	78.67	P	10:45:39.242	-0.4	28.3	5.66	TAS					m_e	

Event 213005 Rat Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/13	14:07:40.24		51.6710	176.3030				33.0				9		74.11	78.77	m i ke	BGR

213011

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	213011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BSEG	74.11		P	14:19:12.411	-0.2	9.4		5.56		TAS				m_e	
CLZ	76.18		P	14:19:23.417		9.4		5.56		TAS		27.8	1.18	m_e mb	5.3
GEC2	78.77		P	14:19:37.744		9.4		5.56		TAS		23.0	1.60	m_e mb	5.0
GRA1	78.22		P	14:19:34.903		9.4		5.56		TAS		94.1	1.78	m_e mb	5.6
IBBN	75.95		P	14:19:22.324	-0.2	9.4		5.56		TAS		68.5	1.20	m_e mb	5.7
KAST	76.99		P	14:19:27.566		9.4		5.56		TAS		17.3	1.17	m_e mb	5.1
TNS	77.96		P	14:19:33.639		9.4		5.56		TAS		13.9	0.91	m_e mb	5.1
WET	78.57		P	14:19:37.362		9.4		5.56		TAS		6.2	1.08	m_e mb	4.6
WLF	78.70		P	14:19:37.712		9.4		5.56		TAS		60.0	1.50	m_e mb	5.4

Event 214005 Dodecanese Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/14	16:02:27.57			36.3210	26.1970				33.0			19		15.51	19.74	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	214011
Ms	3.9		BGR	214011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	19.26		P	16:06:48.487		135.3		11.05		TAS		20.7	0.98	m_e mb	4.3
BFO	17.80		P	16:06:33.338	-0.5	135.3		11.05		TAS		34.7	1.03	m_e mb	4.4
BRG	17.00		P	16:06:24.433	-0.1	135.3		11.05		TAS		21.9	0.87	m_e mb	4.3
CLL	17.71		P	16:06:34.633	1.5	135.3		11.05		TAS		33.1	0.72	m_e mb	4.6
CLZ	19.17		P	16:06:47.741		135.3		11.05		TAS		23.5	0.93	m_e mb	4.4
FLT1	19.19		P	16:06:47.415		135.3		11.05		TAS		26.9	0.84	m_e mb	4.5
GEC2	15.51		P	16:06:06.921	-1.6	135.3		11.05		TAS		64.5	1.09	m_e mb	4.7
GRA1	17.23		P	16:06:27.323	-0.2	135.3		11.05		TAS		91.1	1.26	m_e mb	4.8
GRA1	17.23		L	16:15:27.406						T__		664.5	20.10	a_e Ms	3.9
GTTG	19.12		P	16:06:47.863	1.2	135.3		11.05		TAS		183.4	1.55	m_e mb	5.1
KAST	19.57		P	16:06:52.670		135.3		11.05		TAS		32.2	1.00	m_e mb	4.5
MANZ	17.05		P	16:06:25.403	-0.3	135.3		11.05		TAS		66.0	1.90	m_e mb	4.4
MOX	17.75		P	16:06:32.970	-0.2	135.3		11.05		TAS		73.2	1.66	m_e mb	4.5
MOX	17.75		L	16:15:48.845						T__		763.2	18.00	a_e Ms	4.0
NEUB	18.10		P	16:06:36.841	-0.9	135.3		11.05		TAS		45.8	1.09	m_e mb	4.5
ROTZ	16.85		P	16:06:22.998	0.7	135.3		11.05		TAS		41.2	1.95	m_e mb	4.2
RUE	18.38		P	16:06:39.116	-0.9	135.3		11.05		TAS		51.5	0.66	m_e mb	4.8
TNS	18.91		P	16:06:45.699	-0.8	135.3		11.05		TAS		58.6	0.75	m_e mb	4.9
UBR	16.45		P	16:06:18.128	-0.3	135.3		11.05		TAS		54.9	0.87	m_e mb	4.7

WET	16.09	P	16:06:14.289	-0.7	135.3	11.05	TAS	37.2	1.05	m_e	mb	4.5
WLF	19.74	P	16:06:55.065		135.3	11.05	TAS	46.8	0.95	m_e	mb	4.7

Event 215001 Taiwan region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/15	11:00:06.13			23.3120	122.3620				33.0			10		82.41	87.98	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	215007
Ms	5.1		BGR	215007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
CLL	83.40		P	11:12:28.178		59.3		5.01		TAS		44.3	1.54	m_e	mb	5.5
CLZ	84.55		P	11:12:34.215	0.1	59.3		5.01		TAS		31.2	1.05	m_e	mb	5.5
FLT1	83.84		P	11:12:30.844	0.1	59.3		5.01		TAS		14.6	1.06	m_e	mb	5.1
FUR	85.94		P	11:12:41.723		59.3		5.01		TAS		47.9	1.00	m_e	mb	5.6
GEC2	84.20		P	11:12:32.567		59.3		5.01		TAS		19.2	0.91	m_e	mb	5.3
GRA1	85.19		L	11:52:11.868						T__		792.5	19.20	a_e	Ms	5.1
MANZ	84.54		P	11:12:35.156		59.3		5.01		TAS		4.1	1.06	m_e	mb	4.6
MOX	84.49		L	11:54:26.176						T__		739.3	18.50	a_e	Ms	5.1
NEUB	84.12		P	11:12:33.039		59.3		5.01		TAS		35.2	1.08	m_e	mb	5.5
ROTZ	84.60		P	11:12:35.078		59.3		5.01		TAS		6.0	1.10	m_e	mb	4.7
RUE	82.41		P	11:12:24.571	0.5	59.3		5.01		TAS		61.1	1.20	m_e	mb	5.6
WLF	87.98		P	11:12:51.935		59.3		5.01		TAS		48.7	1.07	m_e	mb	5.8

Event 216001 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/16	07:35:34.39			48.5570	154.9570				33.0			9		76.29	79.26	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	216007
Ms	4.8		BGR	216007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		
BFO	79.26		P	07:47:34.336		23.7		5.63		TAS		16.5	0.80	m_e	mb	5.1	
GEC2	77.36		P	07:47:23.849		23.7		5.63		TAS		10.3	0.71	m_e	mb	5.1	
GRA1	77.27		P	07:47:23.849		23.7		5.63		TAS		26.6	0.82	m_e	mb	5.4	
GRA1	77.27		L	08:21:41.099						T__		644.7	20.60	a_e	Ms	4.9	
MOX	76.29		P	07:47:17.491		23.7		5.63		TAS				m_e			

MOX	76.29	L	08:26:39.644						T__	392.2	21.10	a_e	Ms	4.7
PLN	76.29	P	07:47:17.720	23.7	5.63				TAS	3.2	0.96	m_e	mb	4.4
ROTZ	76.94	P	07:47:21.526	23.7	5.63				TAS	2.4	0.84	m_e	mb	4.3
STU	78.63	P	07:47:31.007	23.7	5.63				TAS	47.8	0.92	m_e	mb	5.5
TNS	77.47	P	07:47:24.848	23.7	5.63				TAS	31.1	0.70	m_e	mb	5.5
WET	77.32	P	07:47:23.941	23.7	5.63				TAS	16.0	0.78	m_e	mb	5.2

Event 216002 Southern Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/16	12:31:03.70			27.2700	53.3370				33.0			24		37.35	42.31	m i ke	BGR
	216008																

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	216008
Ms	4.7		BGR	216008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	40.33		P	12:38:37.017	0.0	109.1		8.35		TAS				m_e	
BRG	37.96		P	12:38:17.750	0.2	109.1		8.35		TAS	132.5	0.74	m_e	mb	5.8
BUG	42.10		P	12:38:52.401	-0.1	109.1		8.35		TAS				m_e	
CLL	38.68		P	12:38:23.786	0.0	109.1		8.35		TAS	157.3	0.78	m_e	mb	5.7
CLZ	40.40		P	12:38:38.294	0.1	109.1		8.35		TAS				m_e	
FLT1	40.08		P	12:38:35.129	-0.2	109.1		8.35		TAS				m_e	
FUR	38.65		P	12:38:23.966		109.1		8.35		TAS	191.1	0.61	m_e	mb	5.9
GEC2	37.35		P	12:38:12.914		109.1		8.35		TAS	106.4	1.12	m_e	mb	5.5
GOR1	40.29		P	12:38:37.128	0.2	109.1		8.35		TAS				m_e	
GRA1	39.16		P	12:38:28.227		109.1		8.35		TAS	245.6	0.85	m_e	mb	5.9
GRA1	39.16		L	12:59:11.221						T__	1715.4	18.60	a_e	Ms	4.9
IBBN	42.08		P	12:38:52.401	0.1	109.1		8.35		TAS				m_e	
KAST	41.34		P	12:38:46.347	-0.2	109.1		8.35		TAS	71.5	0.67	m_e	mb	5.5
MANZ	38.72		P	12:38:24.577	-0.1	109.1		8.35		TAS	15.2	0.91	m_e	mb	4.6
MOX	39.25		P	12:38:28.520	-0.1	109.1		8.35		TAS	59.6	1.01	m_e	mb	5.2
MOX	39.25		L	12:58:09.625						T__	710.3	19.30	a_e	Ms	4.5
NEUB	39.35		P	12:38:29.797	-0.3	109.1		8.35		TAS	153.9	0.57	m_e	mb	5.8
PLN	38.87		P	12:38:25.341	-0.4	109.1		8.35		TAS	13.6	1.03	m_e	mb	4.5
RETH	41.30		P	12:38:45.514	-0.2	109.1		8.35		TAS				m_e	
ROTZ	38.58		P	12:38:23.188	0.3	109.1		8.35		TAS	36.1	0.89	m_e	mb	5.0
RUE	38.71		P	12:38:23.744	-0.5	109.1		8.35		TAS	152.5	0.72	m_e	mb	5.7
TNS	41.03		P	12:38:43.959	-0.5	109.1		8.35		TAS	57.8	0.78	m_e	mb	5.4
UBBA	40.27		P	12:38:37.350	0.1	109.1		8.35		TAS	38.6	0.67	m_e	mb	5.2
UBR	39.27		P	12:38:29.079		109.1		8.35		TAS	380.6	0.83	m_e	mb	6.1
WET	37.96		P	12:38:17.634		109.1		8.35		TAS	62.4	0.64	m_e	mb	5.5
WLF	42.31		P	12:38:53.956	0.5	109.1		8.35		TAS	103.3	0.66	m_e	mb	5.7

Event 217001 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/17	00:28:12.30			-33.0800	-179.9900				129.0			7		159.11	161.43	m i ke	EMSC
OrigID 217033																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	159.46		PKPab	00:48:32.125		30.8		4.93		TAS				m_e	
CLZ	159.79		PKPab	00:48:34.153		30.8		4.93		TAS				m_e	
FLT1	159.11		PKPab	00:48:30.435		30.8		4.93		TAS				m_e	
GEC2	161.21		PKPab	00:48:39.685		30.8		4.93		TAS				m_e	
GRA1	161.43		PKPab	00:48:41.513		30.8		4.93		TAS				m_e	
MANZ	160.88		PKPab	00:48:38.811		30.8		4.93		TAS				m_e	
ROTZ	161.03		PKPab	00:48:39.724		30.8		4.93		TAS				m_e	

Event 218004 North of Svalbard

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/18	07:30:10.21			82.5620	23.9720				33.0			24		30.25	35.28	m i ke	BGR
OrigID 218010																	

Magnitude Err Nsta Author OrigID

mb	5.9		BGR	218010
Ms	4.7		BGR	218010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	30.81		P	07:36:21.889	0.3	3.0		8.71		TAS		768.9	2.23	m_e mb	6.2
BFO	34.70		P	07:36:55.265		3.0		8.71		TAS		359.3	1.52	m_e mb	6.1
BRG	31.97		P	07:36:31.892	0.3	3.0		8.71		TAS		181.5	1.54	m_e mb	5.8
BUG	31.64		P	07:36:28.556	0.2	3.0		8.71		TAS		390.7	1.49	m_e mb	6.1
CLL	31.56		P	07:36:28.144	-0.0	3.0		8.71		TAS		189.9	1.58	m_e mb	5.8
CLZ	31.11		P	07:36:24.700	0.1	3.0		8.71		TAS		827.2	2.07	m_e mb	6.3
FLT1	30.59		P	07:36:19.495	0.1	3.0		8.71		TAS		312.5	1.97	m_e mb	5.9
FUR	34.76		P	07:36:56.177		3.0		8.71		TAS		616.5	2.00	m_e mb	6.2
GEC2	34.00		P	07:36:50.206		3.0		8.71		TAS		281.5	1.85	m_e mb	5.9
GRA1	33.23		P	07:36:43.324	-0.6	3.0		8.71		TAS		468.5	1.88	m_e mb	6.1
GRA1	33.23		L	07:50:30.006						T__		1413.0	21.80	a_e Ms	4.6
GTTG	31.42		P	07:36:27.556	0.0	3.0		8.71		TAS		150.1	1.06	m_e mb	5.8
KAST	31.83		P	07:36:30.834	-0.3	3.0		8.71		TAS		334.5	1.60	m_e mb	6.0
MANZ	32.91		P	07:36:40.027	-0.3	3.0		8.71		TAS		44.7	1.76	m_e mb	5.1
MOX	32.26		P	07:36:34.756	0.5	3.0		8.71		TAS		143.5	1.14	m_e mb	5.8
MOX	32.26		L	07:50:12.626						T__		2197.7	21.10	a_e Ms	4.8

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NEUB	31.71	P	07:36:29.697	0.0	3.0	8.71	TAS	496.2	1.96	m_e	mb	6.1
PLN	32.40	P	07:36:35.887	0.5	3.0	8.71	TAS	110.4	1.77	m_e	mb	5.5
RETH	30.25	P	07:36:17.142	0.2	3.0	8.71	TAS	245.8	1.44	m_e	mb	5.8
ROTZ	33.12	P	07:36:42.432	-0.3	3.0	8.71	TAS	68.0	1.72	m_e	mb	5.3
STU	34.22	P	07:36:51.396		3.0	8.71	TAS	765.3	1.38	m_e	mb	6.4
TANN	32.47	P	07:36:36.602	0.7	3.0	8.71	TAS	282.9	1.86	m_e	mb	5.9
TNS	32.80	P	07:36:39.092	-0.2	3.0	8.71	TAS	257.8	1.49	m_e	mb	5.9
UBR	35.28	P	07:37:00.374		3.0	8.71	TAS	306.3	1.67	m_e	mb	6.0
WET	33.72	P	07:36:47.768		3.0	8.71	TAS	299.7	1.87	m_e	mb	5.9
WLF	33.46	P	07:36:44.438		3.0	8.71	TAS	198.4	1.38	m_e	mb	5.9

Event 218005 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/18	16:09:38.27			40.0680	27.5640				33.0			16		13.21	17.90	m i ke	BGR
	218011																

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	218011
Ms	4.1		BGR	218011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	16.05		P	16:13:21.605		123.7		12.27		TAS		90.1	1.62	m_e	mb	4.6
BRG	14.40		P	16:13:03.710	-0.4	123.7		12.27		TAS		38.0	1.18	m_e		
CLL	15.13		P	16:13:10.541	-5.5	123.7		12.27		TAS		57.6	1.50	m_e		
CLZ	16.73		P	16:13:30.731	-1.6	123.7		12.27		TAS		78.7	1.55	m_e		
FLT1	16.63		P	16:13:26.779	2.2	123.7		12.27		TAS		57.5	1.35	m_e		
GEC2	13.21		P	16:12:43.427		123.7		12.27		TAS		52.7	1.47	m_e		
GRA1	15.03		P	16:13:13.446		123.7		12.27		TAS		34.2	0.97	m_e		
GRA1	15.03		L	16:19:05.479						T__		1738.0	20.30	a_e	Ms	4.2
MANZ	14.73		P	16:13:09.612		123.7		12.27		TAS		5.4	0.96	m_e		
MOX	15.38		P	16:13:16.067		123.7		12.27		TAS		52.5	1.04	m_e		
MOX	15.38		L	16:21:16.103						T__		1273.5	19.20	a_e	Ms	4.1
PLN	15.01		P	16:13:10.869		123.7		12.27		TAS		17.7	1.09	m_e		
ROTZ	14.55		P	16:13:04.867		123.7		12.27		TAS		3.7	0.95	m_e		
STU	15.72		P	16:13:21.030		123.7		12.27		TAS		109.6	1.02	m_e		
TANN	14.81		P	16:13:09.417		123.7		12.27		TAS		48.3	1.34	m_e		
UBR	14.69		P	16:13:04.791		123.7		12.27		TAS		66.0	1.06	m_e		
WET	13.83		P	16:12:56.966		123.7		12.27		TAS		41.9	1.11	m_e		
WLF	17.90		P	16:13:43.787		123.7		12.27		TAS		196.8	1.71	m_e		

Event 220001 South of Kermadec Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2020/02/20 06:35:32.60 -34.3900 -179.1400 10.0 8 159.35 165.00 m i ke EMSC
 220033

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	160.92		PKPab	06:56:13.409		30.4		4.41		TAS				m_e	
BFO	165.00		PKPab	06:56:31.379		30.4		4.41		TAS				m_e	
BSEG	159.35		PKPab	06:56:06.789	-0.2	30.4		4.41		TAS				m_e	
CLL	160.94		PKPab	06:56:13.353		30.4		4.41		TAS				m_e	
CLZ	161.25		PKPab	06:56:15.223		30.4		4.41		TAS				m_e	
FLT1	160.58		PKPab	06:56:11.608	0.1	30.4		4.41		TAS				m_e	
IBBN	161.42		PKPab	06:56:15.663	0.1	30.4		4.41		TAS				m_e	
MOX	161.96		PKPab	06:56:18.105		30.4		4.41		TAS				m_e	

Event 220002 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
 OrigID
 2020/02/20 18:57:45.36 54.6820 159.6900 33.0 30 67.67 74.83 m i ke BGR
 220008

Magnitude Err Nsta Author OrigID

mb	6.7		BGR	220008
MBB	6.9		BGR	220008
Ms	5.5		BGR	220008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	70.48		P	19:08:54.488	0.4	18.5		5.97		TAS		993.5	1.13	m_e	MBB 7.0
ASSE	70.48		S	19:17:58.145		18.6		5.93		TAS				m_e	
BFO	74.56		P	19:09:18.504	-0.1	18.5		5.97		TAS		452.0	0.97	m_e	MBB 6.6
BFO	74.56		S	19:18:58.964		18.6		5.93		TAS				m_e	
BRG	70.99		P	19:08:57.238	-0.0	18.5		5.97		TAS		481.8	1.04	m_e	MBB 6.7
BRG	70.99		S	19:18:11.050		18.6		5.93		TAS				m_e	
BSEG	68.83		P	19:08:44.536	-0.1	18.5		5.97		TAS		438.0	0.96	m_e	MBB 6.8
BUG	71.77		P	19:09:02.095	-0.1	18.5		5.97		TAS		717.3	0.91	m_e	MBB 7.0
CLL	70.78		P	19:08:55.951	0.0	18.5		5.97		TAS		1145.9	0.94	m_e	MBB 7.1
CLZ	70.81		P	19:08:56.887	0.2	18.5		5.97		TAS		1472.4	0.96	m_e	MBB 7.2
FLT1	70.18		P	19:08:52.264	-0.1	18.5		5.97		TAS		707.1	0.97	m_e	MBB 6.9
FUR	74.13		P	19:09:16.412	-0.4	18.5		5.97		TAS		755.3	0.94	m_e	MBB 6.9
GEC2	72.95		P	19:09:09.352	0.1	18.5		5.97		TAS		381.6	0.82	m_e	MBB 6.7
GEC2	72.95		S	19:18:36.726		18.6		5.93		TAS				m_e	
GOR1	69.54		P	19:08:49.221	0.0	18.5		5.97		TAS		1227.3	1.17	m_e	MBB 7.2
GRA1	72.69		P	19:09:08.240	0.3	18.5		5.97		TAS		1146.0	0.90	m_e	mb 7.0
GRA1	72.69		L	19:45:02.419						T__		3187.0	21.50	a_e	Ms 5.6
GTTG	71.17		P	19:08:58.701	-0.1	18.5		5.97		TAS		593.1	0.88	m_e	MBB 6.9

IBBN	70.86	P	19:08:56.828	-0.4	18.5	5.97	TAS	896.5	0.87	m_e	MBB	7.1
KAST	71.79	P	19:09:02.271	0.1	18.5	5.97	TAS	583.6	0.89	m_e	MBB	6.9
MANZ	72.22	P	19:09:05.028	0.1	18.5	5.97	TAS	109.5	1.03	m_e	MBB	6.1
MANZ	72.22	S	19:18:43.016		18.6	5.93	TAS			m_e		
MOX	71.70	P	19:09:01.978	-0.2	18.5	5.97	TAS	621.4	0.95	m_e	MBB	6.9
MOX	71.70	L	19:44:22.757				T__	3012.5	21.40	a_e	Ms	5.5
NEUB	71.15	P	19:08:58.408	-0.4	18.5	5.97	TAS	628.5	0.84	m_e	MBB	7.0
PLN	71.74	P	19:09:02.154	0.2	18.5	5.97	TAS	207.0	0.97	m_e	MBB	6.4
RETH	70.15	P	19:08:52.557	-0.5	18.5	5.97	TAS	698.7	1.07	m_e	MBB	7.0
RGN	67.67	P	19:08:37.748	-0.0	18.5	5.97	TAS	2031.7	0.88	m_e	MBB	7.5
ROTZ	72.41	P	19:09:06.192	0.1	18.5	5.97	TAS	151.2	1.06	m_e	MBB	6.2
ROTZ	72.41	S	19:18:37.205		18.6	5.93	TAS			m_e		
RUE	69.52	P	19:08:48.870	0.0	18.5	5.97	TAS	1491.6	0.94	m_e	MBB	7.2
STU	73.97	P	19:09:15.086	0.1	18.5	5.97	TAS	1253.9	0.98	m_e	MBB	7.1
TANN	71.74	P	19:09:02.302	0.1	18.5	5.97	TAS	502.6	1.21	m_e	MBB	6.7
TNS	72.73	P	19:09:08.064	0.5	18.5	5.97	TAS	495.5	0.84	m_e	MBB	6.9
UBBA	71.86	P	19:09:02.622	0.1	18.5	5.97	TAS	1597.8	1.70	m_e	MBB	6.8
UBR	74.83	P	19:09:20.427		18.5	5.97	TAS	786.4	1.09	m_e	MBB	6.8
UBR	74.83	S	19:18:58.175		18.6	5.93	TAS			m_e		
WET	72.85	P	19:09:09.000	0.1	18.5	5.97	TAS	672.7	0.88	m_e	MBB	7.0
WLF	73.68	P	19:09:13.623	-0.3	18.5	5.97	TAS	292.6	1.02	m_e	MBB	6.6

Event 221002 Rat Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/21	10:20:24.82			51.7700	178.6750				33.0			23		74.22	79.94	m i ke	BGR
	221008																

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	221008
Ms	4.7		BGR	221008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	75.98		P	10:32:06.594	-0.1	7.9		5.55		TAS		63.3	1.16	m_e	mb 5.6
BFO	79.94		P	10:32:28.140	-0.4	7.9		5.55		TAS		19.7	0.96	m_e	mb 5.0
BRG	76.92		P	10:32:11.629	-0.2	7.9		5.55		TAS		30.0	0.98	m_e	mb 5.4
BSEG	74.22		P	10:31:56.875	0.0	7.9		5.55		TAS		54.8	0.96	m_e	mb 5.6
CLL	76.59		P	10:32:09.580	-0.4	7.9		5.55		TAS		30.1	0.96	m_e	mb 5.4
CLZ	76.29		P	10:32:08.702	0.3	7.9		5.55		TAS		89.3	1.02	m_e	mb 5.8
FLT1	75.74		P	10:32:04.779	-0.5	7.9		5.55		TAS		56.3	0.95	m_e	mb 5.7
GEC2	78.95		P	10:32:23.163	0.1	7.9		5.55		TAS		21.8	0.92	m_e	mb 5.2
GOR1	75.08		P	10:32:01.851	0.2	7.9		5.55		TAS		98.5	1.17	m_e	mb 5.7
GRA1	78.35		P	10:32:20.236	0.4	7.9		5.55		TAS		87.8	1.07	m_e	mb 5.8
GRA1	78.35		L	11:07:27.511						T__		391.4	21.40	a_e	Ms 4.7
IBBN	76.02		P	10:32:06.945	0.2	7.9		5.55		TAS		168.6	1.03	m_e	mb 6.1
KAST	77.07		P	10:32:12.683	0.0	7.9		5.55		TAS		47.6	1.22	m_e	mb 5.5

MANZ	77.98	P	10:32:17.777	0.0	7.9	5.55	TAS	6.5	1.04	m_e	mb	4.7
MOX	77.37	P	10:32:14.322	-0.1	7.9	5.55	TAS	34.9	0.97	m_e	mb	5.5
MOX	77.37	L	11:12:00.011				T__	351.1	21.40	a_e	Ms	4.7
NEUB	76.81	P	10:32:11.161	-0.1	7.9	5.55	TAS	123.5	1.17	m_e	mb	5.9
PLN	77.48	P	10:32:14.966	0.0	7.9	5.55	TAS	8.7	0.95	m_e	mb	4.9
RETH	75.48	P	10:32:03.867	0.0	7.9	5.55	TAS	62.3	1.10	m_e	mb	5.5
ROTZ	78.19	P	10:32:19.006	0.1	7.9	5.55	TAS	8.1	1.05	m_e	mb	4.8
TANN	77.52	P	10:32:15.376	0.2	7.9	5.55	TAS	28.0	1.12	m_e	mb	5.3
TNS	78.05	P	10:32:18.011	-0.1	7.9	5.55	TAS	40.9	0.95	m_e	mb	5.5
UBBA	77.34	P	10:32:13.971	-0.2	7.9	5.55	TAS	84.8	1.60	m_e	mb	5.6
WET	78.74	P	10:32:22.168	0.2	7.9	5.55	TAS	21.3	1.06	m_e	mb	5.1
WLF	78.74	P	10:32:21.934	0.1	7.9	5.55	TAS	45.9	0.96	m_e	mb	5.5

Event 222002 North Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/22	18:43:02.66	0.56	0.61	55.6550	3.2640	5.6	4.4	117	10.0				21 262	3.05	7.99	m i ke	BGR
	222008																

Magnitude	Err	Nsta	Author	OrigID
ML	4.1		BGR	222008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	5.63		Sn	18:45:23.234	-0.5					T__				m_e	
ASSE	5.63		Pn	18:44:24.029	-0.4					T__				m_e	ML 4.0
BRG	7.99		Sn	18:46:18.005	-0.9					T__				m_e	
BRG	7.99		Pn	18:44:55.504	-0.7					T__				m_e	ML 4.2
BSD			Sn	18:45:47.665	-0.2					T__				m_e	
BSD			Pn	18:44:38.651	0.3					T__				m_e	ML 4.1
BSEG	4.43		Sn	18:44:55.144	-0.7					T__				m_e	
BSEG	4.43		Pn	18:44:08.187	-0.1					T__				m_e	ML 3.8
BUG	4.85		Sn	18:45:05.687	0.1					T__				m_e	
BUG	4.85		Pn	18:44:14.451	0.5					T__				m_e	ML 4.1
CLZ	5.69		Sn	18:45:24.681	-0.5					T__				m_e	
CLZ	5.69		Pn	18:44:25.277	0.1					T__				m_e	ML 4.2
GOLD			Pn	18:44:10.590	1.0					T__				m_e	
GTTG	5.73		Sn	18:45:27.291	1.1					T__				m_e	
GTTG	5.73		Pn	18:44:25.816	0.0					T__				m_e	ML 4.4
HGN	5.16		Sn	18:45:13.120	0.4					T__				m_e	
HGN	5.16		Pn	18:44:16.978	-1.1					T__				m_e	ML 4.1
HLG	3.05		Sn	18:44:24.530	1.1					T__				m_e	
HLG	3.05		Pn	18:43:49.626	0.0					T__				m_e	ML 4.0
KAST	5.42		Sn	18:45:18.487	-0.4					T__				m_e	
KAST	5.42		Pn	18:44:21.755	0.2					T__				m_e	ML 4.1
LOCC			Sn	18:45:03.562	0.3					T__				m_e	
LOCC			Pn	18:44:13.418	0.9					T__				m_e	

LUEB	4.65	Sn	18:45:00.032	-0.9	T__	m_e		
LUEB	4.65	Pn	18:44:11.277	0.1	T__	m_e ML	4.2	
MOX	7.10	Sn	18:45:59.732	1.7	T__	m_e		
MOX	7.10	Pn	18:44:44.611	0.4	T__	m_e		
MUD		Pn	18:43:54.157	-0.3	T__	m_e		
MUD		Sn	18:44:31.486	-0.3	T__	m_e ML	4.0	
RCHB		Sn	18:45:23.845	-0.1	T__	m_e		
RCHB		Pn	18:44:24.377	-0.1	T__	m_e ML	4.1	
RETH	4.62	Pn	18:44:11.042	0.2	T__	m_e		
TANN	7.63	Pn	18:44:51.414	0.1	T__	m_e		
TNS	6.28	Sn	18:45:38.638	-0.3	T__	m_e		
TNS	6.28	Pn	18:44:33.803	0.7	T__	m_e ML	4.3	
UCC		Pn	18:44:14.265	-0.5	T__	m_e		
WTSB	4.25	Sn	18:44:50.763	-0.8	T__	m_e		
WTSB	4.25	Pn	18:44:05.563	-0.2	T__	m_e ML	4.3	

Event 223001 Turkey-Iran border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/23	05:52:58.36			37.4060	44.1240				10.0			15		24.81	29.81	m i ke	BGR
OrigID 223007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	223007
Ms	5.2		BGR	223007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	25.30		P	05:58:23.397	-0.6	102.7		8.97		TAS		817.7	3.15	m_e mb	5.9
BUG	29.48		P	05:59:02.086		102.7		8.97		TAS		48.8	1.20	m_e mb	5.2
CLL	26.00		P	05:58:29.949	-0.3	102.7		8.97		TAS				m_e	
CLZ	27.73		P	05:58:45.927		102.7		8.97		TAS		42.6	1.14	m_e mb	5.2
FLT1	27.38		P	05:58:42.445		102.7		8.97		TAS		63.2	0.87	m_e mb	5.4
FUR	26.21		P	05:58:32.752	0.2	102.7		8.97		TAS		89.7	0.91	m_e mb	5.4
GEC2	24.81		P	05:58:20.219	0.2	102.7		8.97		TAS		1189.8	2.81	m_e mb	6.1
GRA1	26.60		L	06:03:51.315						T__		6612.5	19.80	a_e Ms	5.2
MOX	26.62		L	06:11:32.944						T__		8262.8	19.00	a_e Ms	5.3
RGN	27.11		P	05:58:37.204	0.1	102.7		8.97		TAS		149.3	0.94	m_e mb	5.7
ROTZ	26.00		P	05:58:30.685	-0.1	102.7		8.97		TAS				m_e	
RUE	25.99		P	05:58:29.318	0.2	102.7		8.97		TAS				m_e	
STU	27.69		P	05:58:45.307		102.7		8.97		TAS		122.1	1.06	m_e mb	5.7
TNS	28.47		P	05:58:53.223		102.7		8.97		TAS		66.9	1.22	m_e mb	5.3
UBR	26.89		P	05:58:38.805	-0.4	102.7		8.97		TAS		118.9	0.99	m_e mb	5.6
WET	25.41		P	05:58:25.066	-0.4	102.7		8.97		TAS		103.5	1.08	m_e mb	5.5
WLF	29.81		P	05:59:04.670		102.7		8.97		TAS		55.9	1.04	m_e mb	5.3

Event 223002 Northwest of Kuril Islands, Russia
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/02/23 12:56:58.39 46.4540 148.2920 33.0 19 74.94 79.35 m i ke BGR
 223008

Magnitude Err Nsta Author OrigID
 mb 5.5 BGR 223008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	79.35		P	13:08:58.533		28.8		5.63		TAS		49.5	1.05	m_e mb	5.5
BRG	75.36		P	13:08:36.422	0.0	28.8		5.63		TAS		29.7	1.03	m_e mb	5.3
BUG	76.87		P	13:08:45.028	0.2	28.8		5.63		TAS		54.0	0.90	m_e mb	5.7
CLL	75.28		P	13:08:35.856	-0.3	28.8		5.63		TAS		98.8	0.54	m_e mb	6.1
CLZ	75.62		P	13:08:38.620	-0.1	28.8		5.63		TAS		45.6	0.86	m_e mb	5.6
FLT1	74.94		P	13:08:33.783	0.2	28.8		5.63		TAS		26.0	0.84	m_e mb	5.3
FUR	78.58		P	13:08:54.827		28.8		5.63		TAS		178.6	1.31	m_e mb	5.9
GEC2	77.19		P	13:08:46.912		28.8		5.63		TAS		28.9	0.80	m_e mb	5.5
GRA1	77.25		P	13:08:47.854	-0.6	28.8		5.63		TAS		119.3	0.65	m_e mb	6.2
GTTG	76.01		P	13:08:40.505	-0.4	28.8		5.63		TAS		45.1	0.95	m_e mb	5.6
KAST	76.76		P	13:08:44.714	-0.3	28.8		5.63		TAS		35.6	0.86	m_e mb	5.5
MOX	76.30		P	13:08:42.012	-0.1	28.8		5.63		TAS		36.0	0.65	m_e mb	5.6
PLN	76.26		P	13:08:41.824	0.1	28.8		5.63		TAS		10.4	0.70	m_e mb	5.1
RETH	75.13		P	13:08:35.542	0.5	28.8		5.63		TAS		28.9	0.77	m_e mb	5.4
ROTZ	76.88		P	13:08:45.530	-0.1	28.8		5.63		TAS		12.2	1.10	m_e mb	4.9
TANN	76.23		P	13:08:41.573	0.3	28.8		5.63		TAS		20.9	0.84	m_e mb	5.3
TNS	77.63		P	13:08:49.488	0.5	28.8		5.63		TAS		43.2	0.81	m_e mb	5.6
UBBA	76.64		P	13:08:43.583	0.0	28.8		5.63		TAS		20.9	0.62	m_e mb	5.4
WET	77.20		P	13:08:47.495	0.0	28.8		5.63		TAS		71.9	0.94	m_e mb	5.8

Event 223003 Turkey-Iran border region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/02/23 16:00:29.40 38.4200 44.5500 10.0 14 24.48 29.09 m i ke EMSC
 223035

Magnitude Err Nsta Author OrigID
 mb 5.5 BGR 223009
 Ms 5.5 BGR 223009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	27.21		P	16:06:15.310	0.3	102.7		8.85		TAS		254.6	1.89	m_e mb	5.6
BRG	24.89		P	16:05:54.901	-0.5	102.7		8.85		TAS		231.5	1.94	m_e mb	5.6
BUG	29.09		P	16:06:32.058	-0.2	102.7		8.85		TAS				m_e	

CLL	25.59	P	16:06:01.661	0.9	102.7	8.85	TAS	43.7	0.93	m_e	mb	5.1
CLZ	27.31	P	16:06:17.858	-0.1	102.7	8.85	TAS	212.5	1.67	m_e	mb	5.6
FLT1	26.94	P	16:06:12.520	-0.2	102.7	8.85	TAS	269.2	1.55	m_e	mb	5.7
FUR	25.93	P	16:06:02.751		102.7	8.85	TAS	116.9	0.91	m_e	mb	5.5
GEC2	24.48	P	16:05:50.365		102.7	8.85	TAS			m_e		
GRA1	26.26	L	16:20:12.488				T__	14209.9	19.60	a_e	Ms	5.5
KAST	28.34	P	16:06:25.488	-1.0	102.7	8.85	TAS	109.5	1.52	m_e	mb	5.5
MANZ	25.77	P	16:06:03.529		102.7	8.85	TAS	38.9	1.38	m_e	mb	4.8
MOX	26.24	L	16:18:08.238				T__	12031.5	20.40	a_e	Ms	5.4
ROTZ	25.65	P	16:06:00.590		102.7	8.85	TAS	152.1	1.71	m_e	mb	5.3
RUE	25.52	P	16:06:00.936	1.2	102.7	8.85	TAS	363.4	1.13	m_e	mb	5.9
TNS	28.12	P	16:06:23.154		102.7	8.85	TAS	182.8	1.52	m_e	mb	5.7
UBR	26.63	P	16:06:08.717		102.7	8.85	TAS	149.3	0.96	m_e	mb	5.7

Event 225001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/25	02:06:30.70			-17.6080	-177.9320				33.0			22		143.18	149.29	m i ke	BGR
	225007																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	144.89		PKPbc	02:26:04.266	0.2	16.2		2.90		TAS					m_e
BFO	148.94		PKPbc	02:26:15.313	-0.8	16.2		2.90		TAS					m_e
BRG	145.48		PKPbc	02:26:06.050	0.2	16.2		2.90		TAS					m_e
BSEG	143.18		PKPbc	02:25:58.337	-0.8	16.2		2.90		TAS					m_e
CLL	145.27		PKPbc	02:26:05.254	0.1	16.2		2.90		TAS					m_e
FLT1	144.61		PKPbc	02:26:02.901	-0.3	16.2		2.90		TAS					m_e
FUR	148.61		PKPbc	02:26:14.460		16.2		2.90		TAS					m_e
GEC2	147.44		PKPbc	02:26:11.432	-0.4	16.2		2.90		TAS					m_e
GTTG	145.56		PKPbc	02:26:06.506	0.1	16.2		2.90		TAS					m_e
KAST	146.10		PKPbc	02:26:07.943	0.2	16.2		2.90		TAS					m_e
MANZ	146.70		PKPbc	02:26:09.683	0.4	16.2		2.90		TAS					m_e
MOX	146.17		PKPbc	02:26:07.899	0.3	16.2		2.90		TAS					m_e
NEUB	145.61		PKPbc	02:26:06.271	0.2	16.2		2.90		TAS					m_e
PLN	146.22		PKPbc	02:26:08.105	0.3	16.2		2.90		TAS					m_e
RETH	144.48		PKPbc	02:26:02.907	-0.1	16.2		2.90		TAS					m_e
ROTZ	146.89		PKPbc	02:26:10.152	0.1	16.2		2.90		TAS					m_e
RUE	144.01		PKPbc	02:26:00.939	-0.6	16.2		2.90		TAS					m_e
TANN	146.23		PKPbc	02:26:08.233	0.4	16.2		2.90		TAS					m_e
TNS	147.06		PKPbc	02:26:10.810	0.3	16.2		2.90		TAS					m_e
UBR	149.29		PKPbc	02:26:16.038		16.2		2.90		TAS					m_e
WET	147.34		PKPbc	02:26:11.366	-0.6	16.2		2.90		TAS					m_e
WLF	147.85		PKPbc	02:26:13.394	-0.1	16.2		2.90		TAS					m_e

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
225003 Turkey	2020/02/25	23:03:42.05			38.5620	39.1090				33.0	0.0		10		20.96	24.95	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	225009
Ms	4.0		BGR	225009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	22.31		P	23:08:35.682	-1.0	108.7		10.28		TAS		130.9	2.12	m_e	mb 5.0
CLZ	24.03		P	23:08:53.182	0.3	108.7		10.28		TAS		56.8	0.96	m_e	mb 5.1
FUR	22.29		P	23:08:36.376		108.7		10.28		TAS		63.3	1.10	m_e	mb 5.0
GEC2	20.96		P	23:08:21.171		108.7		10.28		TAS		46.1	1.23	m_e	mb 4.7
GRA1	22.77		P	23:08:41.490		108.7		10.28		TAS		120.3	1.19	m_e	mb 5.3
GRA1	22.77		L	23:20:54.279						T__		623.4	18.30	a_e	Ms 4.1
KAST	24.95		P	23:09:02.159	0.9	108.7		10.28		TAS		86.0	1.21	m_e	mb 5.3
MANZ	22.33		P	23:08:37.387		108.7		10.28		TAS		11.3	0.98	m_e	mb 4.3
MOX	22.86		L	23:18:44.897						T__		400.4	20.40	a_e	Ms 3.9
ROTZ	22.19		P	23:08:35.184		108.7		10.28		TAS		30.2	1.09	m_e	mb 4.6
UBR	22.94		P	23:08:41.386		108.7		10.28		TAS		2141.9	7.12	m_e	mb 5.8
WET	21.57		P	23:08:27.226		108.7		10.28		TAS		25.6	1.10	m_e	mb 4.6

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
226003 Dodecanese Islands, Greece	2020/02/26	14:20:12.00			35.0600	27.8600				10.0			6		17.30	20.73	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	226009
Ms	3.6		BGR	226009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GEC2	17.30		P	14:24:10.641		133.9		11.59		TAS		16.2	1.11	m_e	mb 4.1
GRA1	19.04		L	14:28:19.406						T__		340.1	18.70	a_e	Ms 3.7
GRA4	18.85		P	14:24:28.775		133.9		11.59		TAS		35.0	0.88	m_e	mb 4.6
GRC3	18.31		P	14:24:23.884		133.9		11.59		TAS		22.0	1.05	m_e	mb 4.2
MANZ	18.84		P	14:24:28.896	-0.1	133.9		11.59		TAS		26.2	2.11	m_e	mb 4.1
MOX	19.54		L	14:32:19.206						T__		285.7	21.50	a_e	Ms 3.6
TNS	20.73		P	14:24:51.668	0.4	133.9		11.59		TAS		47.5	1.24	m_e	mb 4.7
WET	17.89		P	14:24:17.700		133.9		11.59		TAS		27.8	1.07	m_e	mb 4.3

Event 227001 Ascension Island region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/27	04:11:27.76			-9.4510	-14.4620				33.0				8	60.92	64.06	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	227007
Ms	4.2		BGR	227007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	60.95		P	04:21:42.109		208.8		6.45		TAS		14.1	1.11	m_e mb	4.7
BFO	60.95		pP	04:21:48.256		208.6		6.65		TAS				m_e	
GEC2	63.12		P	04:21:56.028		208.8		6.45		TAS		45.3	1.86	m_e mb	5.3
GRA1	63.04		L	04:47:17.932						T__		141.1	19.10	a_e Ms	4.2
MANZ	63.58		P	04:21:59.114	0.0	208.8		6.45		TAS		4.7	1.21	m_e mb	4.6
MANZ	63.58		pP	04:22:06.175	-0.4	208.6		6.65		TAS				m_e	
MOX	64.00		P	04:22:01.821		208.8		6.45		TAS		14.0	1.11	m_e mb	5.1
MOX	64.00		pP	04:22:09.105	0.2	208.6		6.65		TAS				m_e	
MOX	64.00		L	04:47:04.289						T__		158.2	19.00	a_e Ms	4.2
PLN	64.03		P	04:22:02.019		208.8		6.45		TAS		4.3	1.09	m_e mb	4.6
PLN	64.03		pP	04:22:08.781	0.1	208.6		6.65		TAS				m_e	
ROTZ	63.42		P	04:21:57.951		208.8		6.45		TAS		3.9	1.12	m_e mb	4.5
ROTZ	63.42		pP	04:22:05.142	0.5	208.6		6.65		TAS				m_e	
TANN	64.06		P	04:22:02.277	-0.1	208.8		6.45		TAS		11.2	1.06	m_e mb	5.0
TANN	64.06		pP	04:22:09.484	0.1	208.6		6.65		TAS				m_e	
UBR	60.92		P	04:21:41.972		208.8		6.45		TAS		36.5	1.07	m_e mb	5.1
UBR	60.92		pP	04:21:48.833		208.6		6.65		TAS				m_e	
WET	63.10		P	04:21:56.037		208.8		6.45		TAS		17.7	1.04	m_e mb	5.1
WET	63.10		pP	04:22:02.334		208.6		6.65		TAS				m_e	

Event 227002 Dodecanese Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/02/27	14:36:15.10			35.1200	27.9500				10.0				6	17.29	19.53	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
Ms	3.8		BGR	227008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GEC2	17.29		P	14:40:13.994		133.6		12.34		TAS				m_e	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	228012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	47.79		P	21:45:04.005		71.5		7.23		TAS		8.0	0.88	m_e	mb 4.9

Event	229001	Tonga Islands															
Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2020/02/29	01:57:13.94			-19.8600	-173.3400				33.0			29		145.87	152.11	m i ke	BGR
	229007																

Magnitude	Err	Nsta	Author	OrigID
Ms	5.2		BGR	229007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	147.64		PKPbc	02:16:54.870	0.1	7.5		2.63		TAS				m_e	
BFO	151.57		PKPbc	02:17:04.864	-0.1	7.5		2.63		TAS				a_e	
BRG	148.52		PKPbc	02:16:57.564	0.2	7.5		2.63		TAS				a_e	
BSEG	145.87		PKPbc	02:16:49.984	-0.0	7.5		2.63		TAS				m_e	
BUG	148.48		PKPbc	02:16:57.064	0.1	7.5		2.63		TAS				a_e	
CLL	148.22		PKPbc	02:16:56.414	0.1	7.5		2.63		TAS				a_e	
CLZ	147.95		PKPbc	02:16:56.064	-0.3	7.5		2.63		TAS				a_e	
FLT1	147.40		PKPbc	02:16:53.964	0.3	7.5		2.63		TAS				a_e	
FUR	151.52		PKPbc	02:17:04.864	-0.7	7.5		2.63		TAS				a_e	
GEC2	150.53		PKPbc	02:17:02.614	-0.5	7.5		2.63		TAS				a_e	
GOR1	146.74		PKPbc	02:16:52.414	-0.6	7.5		2.63		TAS				a_e	
GRA1	150.01		PKPbc	02:17:01.814	-0.2	7.5		2.63		TAS				a_e	
GRA1	150.01		L	03:24:48.049						T__		413.8	18.20	a_e	Ms 5.3
GTTG	148.27		PKPbc	02:16:56.764	-0.1	7.5		2.63		TAS				a_e	
KAST	148.69		PKPbc	02:16:57.914	0.1	7.5		2.63		TAS				a_e	
MANZ	149.63		PKPbc	02:17:00.564	0.3	7.5		2.63		TAS				m_e	
MOX	149.03		PKPbc	02:16:58.864	0.3	7.5		2.63		TAS				a_e	
MOX	149.03		L	03:19:59.450						T__		280.7	19.00	a_e	Ms 5.1
NEUB	148.47		PKPbc	02:16:57.264	0.1	7.5		2.63		TAS				a_e	
PLN	149.13		PKPbc	02:16:59.164	0.3	7.5		2.63		TAS				a_e	
RETH	147.12		PKPbc	02:16:53.564	-0.3	7.5		2.63		TAS				a_e	
RJOB	151.75		PKPbc	02:17:05.806		7.5		2.63		TAS				m_e	
ROTZ	149.83		PKPbc	02:17:01.064	0.6	7.5		2.63		TAS				a_e	
RUE	146.98		PKPbc	02:16:52.764	-0.1	7.5		2.63		TAS				a_e	
STU	151.09		PKPbc	02:17:04.014	-0.3	7.5		2.63		TAS				a_e	
TANN	149.16		PKPbc	02:16:59.364	0.3	7.5		2.63		TAS				a_e	
TNS	149.67		PKPbc	02:17:00.614	0.3	7.5		2.63		TAS				a_e	
UBBA	148.99		PKPbc	02:16:58.664	0.2	7.5		2.63		TAS				a_e	
UBR	152.11		PKPbc	02:17:06.064		7.5		2.63		TAS				a_e	

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WET	150.36	PKPbc	02:17:02.364	-0.0	7.5	2.63	TAS	a_e
WLF	150.26	PKPbc	02:17:02.414	0.1	7.5	2.63	TAS	a_e

Event 229002 Azores-Cape St. Vincent Ridge
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2020/02/29 03:05:31.36 35.5410 -15.0520 33.0 23.80 23.80 m i ke BGR
229008

Magnitude Err Nsta Author OrigID
mb 4.3 BGR 229008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	23.80		P	03:10:41.344		243.4		9.56		TAS		8.2	0.87	m_e mb	4.3

Event 229003 Southeast of Loyalty Islands
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2020/02/29 06:43:46.30 -21.9700 169.1000 40.0 147.28 147.28 m i ke EMSC
229035

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	147.28		PKP	07:03:25.215		40.3		2.10		TAS				m_e	