

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

(produced by SZO/BGR - HANNOVER)

August 2020 UPDATED 28.January 2022

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

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
801001 Fiji Islands region	2020/08/01	03:05:08.68			-21.7500	-177.8660				33.0			10		148.67	151.43	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
BRG	149.50		PKPbc	03:24:54.929		17.7		2.45		TAS				m_e	
CLL	149.30		PKPbc	03:24:54.253	-0.0	17.7		2.45		TAS				m_e	
CLZ	149.29		PKPbc	03:24:54.618	0.2	17.7		2.45		TAS				m_e	
FLT1	148.67		PKPbc	03:24:52.391	0.0	17.7		2.45		TAS				m_e	
GEC2	151.43		PKPbc	03:24:59.402		17.7		2.45		TAS				m_e	
KAST	150.20		PKPbc	03:24:56.572	-0.2	17.7		2.45		TAS				m_e	
MOX	150.22		PKPbc	03:24:56.554		17.7		2.45		TAS				m_e	
PLN	150.26		PKPbc	03:24:56.809		17.7		2.45		TAS				m_e	
TANN	150.26		PKPbc	03:24:56.901		17.7		2.45		TAS				m_e	
TNS	151.15		PKPbc	03:24:58.964		17.7		2.45		TAS				m_e	

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
801002 Alaska Peninsula, United States	2020/08/01	07:00:11.00			54.6200	-160.3800				36.0			18		72.99	76.98	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	801008

Ms 3.8 BGR 801008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	73.36		P	07:11:39.030	-0.1	355.7		5.86		TAS		10.3	1.07	m_e	mb 4.9
BFO	76.98		P	07:11:59.961		355.7		5.86		TAS		4.6	0.71	m_e	mb 4.7
BRG	74.77		P	07:11:47.220	0.0	355.7		5.86		TAS		8.4	1.02	m_e	mb 4.7
BUG	73.81		P	07:11:41.602	-0.2	355.7		5.86		TAS		15.5	0.96	m_e	mb 5.0
CLL	74.30		P	07:11:44.248	-0.3	355.7		5.86		TAS		7.5	0.84	m_e	mb 4.8
CLZ	73.63		P	07:11:41.166	0.4	355.7		5.86		TAS		11.9	0.94	m_e	mb 4.9
FLT1	73.19		P	07:11:37.645	-0.5	355.7		5.86		TAS		13.2	1.22	m_e	mb 4.9
GEC2	76.79		P	07:11:59.090		355.7		5.86		TAS		7.0	0.90	m_e	mb 4.8
GRA1	75.82		P	07:11:53.788	0.0	355.7		5.86		TAS		11.6	0.73	m_e	mb 5.1
GRA1	75.82		L	07:44:52.913						T__		57.9	19.70	a_e	Ms 3.9
GTTG	73.90		P	07:11:42.670	0.3	355.7		5.86		TAS		23.7	1.12	m_e	mb 5.1
IBBN	72.99		P	07:11:37.091	0.1	355.7		5.86		TAS		27.1	1.39	m_e	mb 5.2
KAST	74.13		P	07:11:43.738	-0.0	355.7		5.86		TAS		8.7	1.06	m_e	mb 4.7
MOX	74.89		P	07:11:48.170	-0.0	355.7		5.86		TAS		8.9	0.74	m_e	mb 4.9
MOX	74.89		L	07:41:53.065						T__		49.4	21.70	a_e	Ms 3.8
NEUB	74.35		P	07:11:44.846	-0.1	355.7		5.86		TAS		17.7	0.69	m_e	mb 5.2
PLN	75.08		P	07:11:49.119	0.0	355.7		5.86		TAS		2.0	0.74	m_e	mb 4.2
TNS	75.11		P	07:11:49.515	0.2	355.7		5.86		TAS		8.3	0.65	m_e	mb 4.9
WET	76.45		P	07:11:57.349	-0.5	355.7		5.86		TAS				m_e	
WLF	75.47		P	07:11:51.889	0.2	355.7		5.86		TAS		11.3	1.02	m_e	mb 4.8

Event 801003 Marshall Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/01	08:44:49.70			-20.7500	-178.4800				555.0			22		146.19	151.94	m i ke	EMSC
	801039																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	147.88		PKPbc	09:03:31.317	0.2	17.1		2.41		TAS				m_e	
BFO	151.94		PKPbc	09:03:40.656		17.1		2.41		TAS				m_e	
BSEG	146.19		PKPbc	09:03:26.887	-0.3	17.1		2.41		TAS				m_e	
BUG	149.04		PKPbc	09:03:33.923	0.1	17.1		2.41		TAS				m_e	
CLL	148.20		PKPbc	09:03:32.121	0.2	17.1		2.41		TAS				m_e	
CLZ	148.21		PKPbc	09:03:32.446	-0.3	17.1		2.41		TAS				m_e	
FLT1	147.59		PKPbc	09:03:30.318	0.4	17.1		2.41		TAS				m_e	
FUR	151.54		PKPbc	09:03:39.852		17.1		2.41		TAS				m_e	
GEC2	150.32		PKPbc	09:03:37.246		17.1		2.41		TAS				m_e	
GRA1	150.11		PKPbc	09:03:36.855	-0.4	17.1		2.41		TAS				m_e	
GTTG	148.56		PKPcb	09:03:33.141	0.0	17.1		2.41		TAS				m_e	
IBBN	148.13		PKPbc	09:03:31.925	0.1	17.1		2.41		TAS				m_e	
KAST	149.13		PKPbc	09:03:34.444	-0.4	17.1		2.41		TAS				m_e	

MOX	149.12	PKPbc	09:03:34.423	0.2	17.1	2.41	TAS	m_e
NEUB	148.57	PKPbc	09:03:33.098	0.2	17.1	2.41	TAS	m_e
PLN	149.16	PKPbc	09:03:34.573	0.4	17.1	2.41	TAS	m_e
RUE	146.94	PKPbc	09:03:28.841	-0.2	17.1	2.41	TAS	m_e
STU	151.37	PKPbc	09:03:39.657		17.1	2.41	TAS	m_e
TANN	149.16	PKPbc	09:03:34.661	0.2	17.1	2.41	TAS	m_e
TNS	150.08	PKPbc	09:03:36.790	-0.1	17.1	2.41	TAS	m_e
UBBA	149.26	PKPbc	09:03:34.140	0.3	17.1	2.41	TAS	m_e
WLF	150.91	PKPbc	09:03:39.157	-0.0	17.1	2.41	TAS	m_e

Event 801004 Southern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/01	09:17:17.70			-23.0300	-13.5800				10.0			23		73.70	79.38	m i ke	EMSC
	801040																

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	801010
Ms	4.7		BGR	801010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	77.79		P	09:29:15.929	0.3	201.7		5.80		TAS		184.8	2.86	m_e	mb 5.7
BFO	73.70		P	09:28:51.490	-0.5	201.7		5.80		TAS		23.7	1.20	m_e	mb 5.1
BRG	77.48		P	09:29:13.514	0.1	201.7		5.80		TAS		89.5	2.78	m_e	mb 5.4
BSEG	79.38		P	09:29:24.284	-0.7	201.7		5.80		TAS		20.3	1.21	m_e	mb 5.0
BUG	76.38		P	09:29:07.718	0.0	201.7		5.80		TAS		32.9	1.43	m_e	mb 5.3
CLL	77.62		P	09:29:14.190	-0.2	201.7		5.80		TAS		65.8	2.28	m_e	mb 5.4
CLZ	77.45		P	09:29:13.707	0.0	201.7		5.80		TAS		72.0	2.24	m_e	mb 5.4
FLT1	78.11		P	09:29:17.185	-0.3	201.7		5.80		TAS		23.3	1.41	m_e	mb 5.1
GEC2	75.59		P	09:29:02.653	0.3	201.7		5.80		TAS		98.1	2.55	m_e	mb 5.5
GOR1	78.73		P	09:29:21.145	0.0	201.7		5.80		TAS		21.5	1.10	m_e	mb 5.1
GRA1	75.68		P	09:29:03.178	-0.1	201.7		5.80		TAS		32.3	1.14	m_e	mb 5.3
GRA1	75.68		L	09:59:33.126						T__		414.5	22.00	a_e	Ms 4.7
GTTG	77.08		P	09:29:11.920	0.3	201.7		5.80		TAS				m_e	
IBBN	77.30		P	09:29:13.176	0.1	201.7		5.80		TAS		98.3	1.79	m_e	mb 5.6
KAST	76.41		P	09:29:07.815	0.1	201.7		5.80		TAS				m_e	
MOX	76.66		P	09:29:08.829	-0.1	201.7		5.80		TAS		98.3	2.46	m_e	mb 5.5
MOX	76.66		L	10:00:11.014						T__		462.3	21.80	a_e	Ms 4.8
NEUB	77.20		P	09:29:12.065	-0.0	201.7		5.80		TAS				m_e	
PLN	76.65		P	09:29:08.588	-0.2	201.7		5.80		TAS		13.0	1.68	m_e	mb 4.8
RETH	78.05		P	09:29:18.006	0.7	201.7		5.80		TAS		79.7	1.73	m_e	mb 5.6
TANN	76.67		P	09:29:08.877	0.0	201.7		5.80		TAS		16.9	1.39	m_e	mb 5.0
TNS	75.50		P	09:29:02.550	0.1	201.7		5.80		TAS		24.8	1.41	m_e	mb 5.0
UBBA	76.42		P	09:29:07.525	-0.1	201.7		5.80		TAS		34.7	1.78	m_e	mb 5.2
WET	75.63		P	09:29:02.792	0.1	201.7		5.80		TAS		22.5	1.22	m_e	mb 5.2
WLF	74.47		P	09:28:56.561	-0.1	201.7		5.80		TAS		48.9	1.28	m_e	mb 5.4

Event 801005 Panay, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/01	17:09:01.20		7.3300	124.1300				473.0				27		95.87	101.89	m i ke	EMSC

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	98.26		Pdiff	17:21:48.154	0.1					T__		880.0	1.52	m_e	
BFO	101.17		Pdiff	17:22:00.676	-0.6					T__		160.9	1.60	m_e	
BRG	96.82		Pdiff	17:21:41.681	0.1					T__		501.1	1.19	m_e	
BSEG	97.74		Pdiff	17:21:45.713	-0.1					T__		183.3	1.14	m_e	
BUG	100.47		Pdiff	17:21:57.970	-0.2					T__		358.1	1.22	m_e	
CLL	97.22		Pdiff	17:21:43.060	-0.3					T__		559.5	1.40	m_e	
CLZ	98.54		Pdiff	17:21:49.799	0.4					T__		668.3	1.21	m_e	
FLT1	97.86		Pdiff	17:21:45.873	-0.4					T__		474.2	1.28	m_e	
FUR	99.43		Pdiff	17:21:53.427	0.1					T__		221.3	1.34	m_e	
GEC2	97.68		Pdiff	17:21:45.395	-0.0					T__		284.1	1.25	m_e	
GOR1	97.56		Pdiff	17:21:45.130	0.1					T__		1122.6	1.38	m_e	
GRA1	98.88		Pdiff	17:21:51.072	0.2					T__		403.1	1.47	m_e	
GTTG	98.89		Pdiff	17:21:51.125	0.2					T__		684.5	1.27	m_e	
IBBN	99.82		Pdiff	17:21:55.158	-0.1					T__		736.3	1.29	m_e	
KAST	99.92		Pdiff	17:21:55.848	0.2					T__		408.9	1.35	m_e	
MOX	98.28		Pdiff	17:21:48.260	0.1					T__		484.8	1.46	m_e	
NEUB	97.99		Pdiff	17:21:46.721	-0.1					T__		582.5	1.22	m_e	
PLN	98.02		Pdiff	17:21:47.040	0.1					T__		154.7	1.35	m_e	
RETH	98.75		Pdiff	17:21:50.330	-0.0					T__		555.1	1.50	m_e	
RGN	95.87		Pdiff	17:21:37.171	-0.2					T__		528.4	1.18	m_e	
RUE	96.36		Pdiff	17:21:39.665	0.2					T__		1272.8	1.17	m_e	
STU	100.47		Pdiff	17:21:57.941	-0.1					T__		947.3	1.64	m_e	
TANN	97.87		Pdiff	17:21:46.350	0.1					T__		304.7	1.27	m_e	
TNS	100.31		Pdiff	17:21:57.546	0.2					T__		359.2	1.48	m_e	
UBBA	99.16		Pdiff	17:21:51.815	-0.4					T__		533.0	1.64	m_e	
WET	98.08		Pdiff	17:21:47.305	0.1					T__		363.1	1.51	m_e	
WLF	101.89		Pdiff	17:22:04.921	0.4					T__		731.3	1.83	m_e	

Event 801006 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/01	19:47:00.35	0.52		-22.9190	-176.4130	67.8	37.8	6	650.0	0.0		21		150.05	153.23	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
Ms	6.4		BGR	801012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	150.33		PKPbc	20:05:40.148	-0.0	15.4		2.22		TAS				m_e	
BRG	150.95		PKPbc	20:05:41.650		15.4		2.22		TAS				m_e	
BUG	151.39		PKPbc	20:05:41.979		15.4		2.22		TAS				m_e	
CLL	150.73		PKPbc	20:05:40.908	0.1	15.4		2.22		TAS				m_e	
CLZ	150.66		PKPbc	20:05:41.146	0.3	15.4		2.22		TAS				m_e	
FALKS			PKPbc	20:05:40.861	-0.1	15.4		2.22		TAS				m_e	
FLT1	150.05		PKPbc	20:05:39.244	-0.3	15.4		2.22		TAS				m_e	
GEC2	152.91		PKPbc	20:05:45.994		15.4		2.22		TAS				m_e	
GRA1	152.61		L	20:34:14.751						T__		6233.5	21.00	a_e Ms	6.4
GTTG	151.00		PKPbc	20:05:41.716	-0.0	15.4		2.22		TAS				m_e	
IBBN	150.49		PKPbc	20:05:41.580	0.0	15.4		2.22		TAS				m_e	
KAST	151.52		PKPbc	20:05:42.766	-0.0	15.4		2.22		TAS				m_e	
LUEB	150.41		PKPbc	20:05:40.338	0.0	15.4		2.22		TAS				m_e	
MOX	151.62		PKPbc	20:05:42.997	-0.1	15.4		2.22		TAS				m_e	
MOX	151.62		L	20:33:19.297						T__		6410.0	22.00	a_e Ms	6.4
NEUB	151.07		PKPbc	20:05:41.730	-0.1	15.4		2.22		TAS				m_e	
PLN	151.68		PKPbc	20:05:43.091	-0.8	15.4		2.22		TAS				m_e	
POSS	151.08		PKPbc	20:05:41.811	0.1	15.4		2.22		TAS				m_e	
ROTZ	152.36		PKPbc	20:05:43.945		15.4		2.22		TAS				m_e	
SPAHL	151.88		PKPbc	20:05:43.713	0.1	15.4		2.22		TAS				m_e	
TANN	151.69		PKPbc	20:05:43.325	0.1	15.4		2.22		TAS				m_e	
TNS	152.48		PKPbc	20:05:44.996		15.4		2.22		TAS				m_e	
WIMM	150.80		PKPbc	20:05:41.193	0.0	15.4		2.22		TAS				m_e	
WLF	153.23		PKPbc	20:05:47.088		15.4		2.22		TAS				m_e	

Event	802001	Trinidad																
Date		Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																		
	2020/08/02	00:03:39.44			10.4290	-61.7790				33.0			14		67.86	72.97	m i ke	BGR
		802007																

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	802007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	71.07		P	00:14:54.659	0.2	263.8		6.06		TAS		13.5	1.06	m_e mb	5.0
BRG	72.97		P	00:15:05.897	-0.1	263.8		6.06		TAS		7.6	1.00	m_e mb	4.8
CLZ	70.85		P	00:14:53.170	0.1	263.8		6.06		TAS		10.5	1.06	m_e mb	4.9
FLT1	71.44		P	00:14:56.216	-0.4	263.8		6.06		TAS		8.3	0.99	m_e mb	4.8
GEC2	72.67		P	00:15:04.300	0.1	263.8		6.06		TAS		9.2	0.86	m_e mb	4.9
GRA1	71.12		P	00:14:54.862	0.0	263.8		6.06		TAS		7.7	1.05	m_e mb	4.8

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Tue Feb 22 15:12:57 2022

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GTTG	70.55	P	00:14:51.477	0.1	263.8	6.06	TAS	6.1	0.99	m_e	mb	4.7
IBBN	69.32	P	00:14:43.828	0.1	263.8	6.06	TAS	24.3	0.99	m_e	mb	5.4
PLN	71.81	P	00:14:58.789	-0.2	263.8	6.06	TAS			m_e		
STU	69.69	P	00:14:45.994	-0.2	263.8	6.06	TAS	31.8	0.80	m_e	mb	5.5
TANN	71.99	P	00:15:00.278	0.2	263.8	6.06	TAS	6.9	1.07	m_e	mb	4.7
TNS	69.41	P	00:14:44.640	0.2	263.8	6.06	TAS	13.0	0.80	m_e	mb	5.2
WET	72.15	P	00:15:01.158	0.1	263.8	6.06	TAS	3.4	0.80	m_e	mb	4.5
WLF	67.86	P	00:14:34.959	-0.1	263.8	6.06	TAS	11.6	0.91	m_e	mb	5.1

Event 802002 Vanuatu Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/02	03:01:35.17			-21.0350	174.6540				33.0			15		146.22	150.63	m i ke	BGR
OrigID 802008																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.4		BGR	802008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	146.56		PKPbc	03:21:12.615	0.0	30.6		2.73		TAS				m_e		
BFO	150.63		PKPbc	03:21:23.164		30.6		2.73		TAS				m_e		
BRG	146.59		PKPbc	03:21:12.499	0.2	30.6		2.73		TAS				m_e		
CLZ	146.90		PKPbc	03:21:13.852	0.0	30.6		2.73		TAS				m_e		
FLT1	146.22		PKPbc	03:21:11.302	0.2	30.6		2.73		TAS				m_e		
GEC2	148.34		PKPbc	03:21:17.451		30.6		2.73		TAS				m_e		
GRA1	148.52		PKPbc	03:21:18.141		30.6		2.73		TAS				m_e		
GRA1	148.52		L	04:24:52.421						T__		573.5	21.30	a_e	Ms	5.3
GTTG	147.28		PKPbc	03:21:14.818	-0.2	30.6		2.73		TAS				m_e		
IBBN	147.17		PKPbc	03:21:14.315	0.3	30.6		2.73		TAS				m_e		
KAST	148.02		PKPbc	03:21:16.750	0.1	30.6		2.73		TAS				m_e		
MOX	147.57		L	04:25:29.604						T__		675.6	22.00	a_e	Ms	5.4
NEUB	147.05		PKPbc	03:21:13.929	0.3	30.6		2.73		TAS				m_e		
TANN	147.49		PKPbc	03:21:15.243		30.6		2.73		TAS				m_e		
TNS	148.90		PKPbc	03:21:19.184		30.6		2.73		TAS				m_e		
WET	148.41		PKPbc	03:21:17.793		30.6		2.73		TAS				m_e		
WLF	150.00		PKPbc	03:21:22.545		30.6		2.73		TAS				m_e		

Event 802003 Alaska Peninsula, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/02	14:39:33.13			55.8190	-161.9120				33.0			17		71.90	75.90	m i ke	BGR
OrigID 802009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	802009
Ms	4.1		BGR	802009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	72.25		P	14:50:53.049	-0.1	356.0		5.82		TAS		7.6	0.99	m_e	mb 4.8
BFO	75.90		P	14:51:13.795		356.0		5.82		TAS		4.4	0.66	m_e	mb 4.7
BRG	73.62		P	14:51:01.062	0.0	356.0		5.82		TAS		9.5	1.00	m_e	mb 4.8
BUG	72.73		P	14:50:55.769	-0.2	356.0		5.82		TAS		12.5	0.81	m_e	mb 5.1
CLZ	72.52		P	14:50:54.999	0.2	356.0		5.82		TAS		12.0	0.92	m_e	mb 5.0
FLT1	72.07		P	14:50:51.579	-0.6	356.0		5.82		TAS		9.5	0.92	m_e	mb 4.9
GEC2	75.64		P	14:51:12.901		356.0		5.82		TAS		5.4	0.74	m_e	mb 4.8
GRA1	74.70		P	14:51:07.810	-0.0	356.0		5.82		TAS		8.7	0.74	m_e	mb 4.9
GRA1	74.70		L	15:28:17.908						T__		93.1	21.40	a_e	Ms 4.0
GTTG	72.79		P	14:50:56.746	0.4	356.0		5.82		TAS		13.6	0.90	m_e	mb 5.1
IBBN	71.90		P	14:50:51.149	0.0	356.0		5.82		TAS		13.1	0.72	m_e	mb 5.2
MOX	73.77		P	14:51:02.075	0.1	356.0		5.82		TAS		15.9	1.14	m_e	mb 4.9
MOX	73.77		L	15:25:05.493						T__		110.9	21.30	a_e	Ms 4.1
NEUB	73.23		P	14:50:58.985	-0.1	356.0		5.82		TAS		17.9	0.81	m_e	mb 5.2
PLN	73.95		P	14:51:03.193	0.0	356.0		5.82		TAS		1.9	0.81	m_e	mb 4.2
TANN	74.03		P	14:51:03.671	0.4	356.0		5.82		TAS		2.9	0.74	m_e	mb 4.4
TNS	74.02		P	14:51:03.530	0.3	356.0		5.82		TAS		8.0	0.94	m_e	mb 4.7
WET	75.32		P	14:51:11.128	-0.6	356.0		5.82		TAS		3.9	0.95	m_e	mb 4.4
WLF	74.42		P	14:51:06.062	0.1	356.0		5.82		TAS		16.4	1.22	m_e	mb 4.9

Event 803001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/03	00:57:20.46			-20.7670	-177.0110				592.0			17		146.42	152.17	m i ke	BGR
803007																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	148.13		PKPbc	01:17:03.030	0.1	15.7		2.53		TAS				m_e	
BFO	152.17		PKPbc	01:17:12.894		15.7		2.53		TAS				m_e	
BRG	148.74		PKPbc	01:17:04.687	0.3	15.7		2.53		TAS				m_e	
BSEG	146.42		PKPbc	01:16:58.338	-0.5	15.7		2.53		TAS				m_e	
CLZ	148.45		PKPbc	01:17:04.141	0.1	15.7		2.53		TAS				m_e	
FLT1	147.85		PKPbc	01:17:02.087	0.1	15.7		2.53		TAS				m_e	
FUR	151.86		PKPbc	01:17:12.209		15.7		2.53		TAS				m_e	
GEC2	150.70		PKPbc	01:17:09.590		15.7		2.53		TAS				m_e	
GTTG	148.80		PKPbc	01:17:04.951	0.0	15.7		2.53		TAS				m_e	
KAST	149.33		PKPbc	01:17:06.289	0.0	15.7		2.53		TAS				m_e	
MOX	149.42		PKPbc	01:17:06.345	0.2	15.7		2.53		TAS				m_e	
NEUB	148.86		PKPbc	01:17:04.989	0.2	15.7		2.53		TAS				m_e	

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PLN	149.47	PKPbc	01:17:06.691	0.2	15.7	2.53	TAS	m_e
STU	151.62	PKPbc	01:17:11.907		15.7	2.53	TAS	m_e
TANN	149.48	PKPbc	01:17:06.820	-0.1	15.7	2.53	TAS	m_e
TNS	150.29	PKPbc	01:17:08.874	-0.0	15.7	2.53	TAS	m_e
WLF	151.06	PKPbc	01:17:11.097	-0.5	15.7	2.53	TAS	m_e

Event 803002 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/03	01:18:09.49			-17.2600	-173.7970				33.0			14		145.01	148.96	m i ke	BGR
	803008																

Magnitude	Err	Nsta	Author	OrigID
Ms	4.2		BGR	803008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	148.96		PKPbc	01:37:53.791		8.9		2.87		TAS				m_e		
BRG	145.90		PKPbc	01:37:45.210	0.1	8.9		2.87		TAS				m_e		
BUG	145.89		PKPbc	01:37:45.292	-0.0	8.9		2.87		TAS				m_e		
CLZ	145.34		PKPbc	01:37:43.902	-0.2	8.9		2.87		TAS				m_e		
GEC2	147.91		PKPbc	01:37:51.176		8.9		2.87		TAS				m_e		
GRA1	147.40		L	02:47:21.623						T__		38.5	21.30	a_e	Ms	4.2
GTTG	145.66		PKPbc	01:37:44.842	0.1	8.9		2.87		TAS				m_e		
IBBN	145.01		PKPbc	01:37:42.595	-0.4	8.9		2.87		TAS				m_e		
KAST	146.09		PKPbc	01:37:46.068	-0.2	8.9		2.87		TAS				m_e		
MOX	146.41		PKPbc	01:37:46.844	0.1	8.9		2.87		TAS				m_e		
MOX	146.41		L	02:40:12.312						T__		47.9	20.50	a_e	Ms	4.3
NEUB	145.85		PKPbc	01:37:45.128	0.1	8.9		2.87		TAS				m_e		
PLN	146.51		PKPbc	01:37:47.130	0.5	8.9		2.87		TAS				m_e		
TANN	146.54		PKPbc	01:37:47.335	-0.0	8.9		2.87		TAS				m_e		
TNS	147.07		PKPbc	01:37:48.887	-0.4	8.9		2.87		TAS				m_e		
WLF	147.68		PKPbc	01:37:51.298		8.9		2.87		TAS				m_e		

Event 804002 Jordan - Syria region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/04	09:37:35.80			38.1900	38.7200				5.0			23		20.94	25.91	m i ke	EMSC
																	804038

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	804008
Ms	5.0		BGR	804008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	24.00		P	09:42:51.008	-0.2	112.7		9.70		TAS		140.1	1.44	m_e	mb 5.3
BRG	21.62		P	09:42:27.449	-0.1	112.7		9.70		TAS		248.4	1.48	m_e	mb 5.4
BUG	25.72		P	09:43:07.742	0.1	112.7		9.70		TAS		72.5	1.09	m_e	mb 5.2
CLL	22.34		P	09:42:34.858	-0.7	112.7		9.70		TAS		114.0	1.18	m_e	mb 5.2
CLZ	24.06		P	09:42:52.007	-0.2	112.7		9.70		TAS		158.6	1.24	m_e	mb 5.4
FLT1	23.78		P	09:42:48.511	0.3	112.7		9.70		TAS		90.8	1.41	m_e	mb 5.1
FUR	22.25		P	09:42:34.442		112.7		9.70		TAS		209.3	1.01	m_e	mb 5.5
GEC2	20.94		P	09:42:19.957	1.9	112.7		9.70		TAS		357.1	1.64	m_e	mb 5.4
GRA1	22.76		P	09:42:38.688	0.5	112.7		9.70		TAS		347.5	1.59	m_e	mb 5.6
GRA1	22.76		L	09:52:27.726						T__		5087.2	20.90	a_e	Ms 4.9
GTTG	24.18		P	09:42:53.339	0.4	112.7		9.70		TAS		234.2	1.43	m_e	mb 5.5
KAST	24.96		P	09:43:00.998	-0.4	112.7		9.70		TAS		178.6	1.28	m_e	mb 5.7
MOX	22.87		P	09:42:40.519	-1.5	112.7		9.70		TAS		96.7	1.29	m_e	mb 5.2
MOX	22.87		L	09:53:12.900						T__		7218.4	18.30	a_e	Ms 5.2
NEUB	23.00		P	09:42:41.601	0.2	112.7		9.70		TAS		222.8	1.22	m_e	mb 5.6
PLN	22.49		P	09:42:36.523	-0.9	112.7		9.70		TAS		70.9	1.58	m_e	mb 4.8
RETH	24.99		P	09:43:01.415	-0.3	112.7		9.70		TAS		138.6	1.30	m_e	mb 5.5
RUE	22.46		P	09:42:37.106	-0.1	112.7		9.70		TAS				m_e	
STU	23.75		P	09:42:48.095		112.7		9.70		TAS		648.9	1.62	m_e	mb 5.9
TANN	22.29		P	09:42:34.442	-0.3	112.7		9.70		TAS		329.4	1.58	m_e	mb 5.5
TNS	24.63		P	09:42:55.587	-1.3	112.7		9.70		TAS		70.9	1.01	m_e	mb 5.3
UBBA	23.89		P	09:42:49.760	-0.2	112.7		9.70		TAS		219.7	1.62	m_e	mb 5.4
UBR	22.88		P	09:42:40.103		112.7		9.70		TAS		249.0	1.72	m_e	mb 5.5
WET	21.56		P	09:42:25.980	1.5	112.7		9.70		TAS		422.6	1.55	m_e	mb 5.6
WLF	25.91		P	09:43:07.825	-1.3	112.7		9.70		TAS		115.9	1.39	m_e	mb 5.3

Event 804004 Alaska Peninsula, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/04	12:47:19.82			54.9680	-162.7070				33.0			11		71.31	77.55	m i ke	BGR
	804010																

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	804010
Ms	4.2		BGR	804010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	76.80		P	12:59:06.019		356.3		5.82		TAS		7.7	0.77	m_e	mb 4.9
BRG	74.49		P	12:58:52.969	0.1	356.3		5.82		TAS		14.3	1.02	m_e	mb 5.0
BRG	74.49		sP	12:59:06.649		356.4		5.77		TAS				m_e	
BSEG	71.31		P	12:58:34.433	-0.1	356.3		5.82		TAS		11.5	0.81	m_e	mb 5.0
BSEG	71.31		sP	12:58:48.256	-0.0	356.4		5.77		TAS				m_e	
BUG	73.63		P	12:58:47.734	-0.3	356.3		5.82		TAS		26.8	0.66	m_e	mb 5.4
BUG	73.63		sP	12:59:01.508	0.0	356.4		5.77		TAS				m_e	
CLL	74.03		P	12:58:50.101	-0.1	356.3		5.82		TAS		16.4	0.89	m_e	mb 5.1

FLT1	135.69	PKPdf	16:50:30.977	-0.2	35.6	1.73	TAS	m_e												
FLT1	135.69	PP	16:53:57.107	-0.2	35.6	2.99	TAS	m_e												
GEC2	137.45	PKPdf	16:50:34.428		35.6	1.73	TAS	m_e												
GEC2	137.45	PP	16:54:02.773		35.6	2.99	TAS	m_e												
GOR1	135.13	PKPdf	16:50:30.413	0.2	35.6	1.73	TAS	m_e												
GOR1	135.13	PP	16:53:55.779	0.1	35.6	2.99	TAS	m_e												
GRA1	137.82	L	17:55:03.362				T__		257.6	20.40	a_e Ms								5.0	
GTTG	136.79	PP	16:54:00.832	0.2	35.6	2.99	TAS	m_e												
IBBN	136.88	PKPdf	16:50:33.234	-0.1	35.6	1.73	TAS	m_e												
IBBN	136.88	PP	16:54:00.822	-0.2	35.6	2.99	TAS	m_e												
KAST	137.61	PP	16:54:03.121	0.1	35.6	2.99	TAS	m_e												
MOX	136.91	PKPdf	16:50:33.267		35.6	1.73	TAS	m_e												
MOX	136.91	PP	16:54:00.954	0.2	35.6	2.99	TAS	m_e												
MOX	136.91	L	17:54:05.373				T__		359.0	21.10	a_e Ms								5.1	
NEUB	136.41	PP	16:53:59.656	-0.0	35.6	2.99	TAS	m_e												
PLN	136.82	PKPdf	16:50:33.200		35.6	1.73	TAS	m_e												
PLN	136.82	PP	16:54:00.970	0.1	35.6	2.99	TAS	m_e												
RETH	136.00	PKPdf	16:50:31.873	0.1	35.6	1.73	TAS	m_e												
RETH	136.00	PP	16:53:58.394	0.1	35.6	2.99	TAS	m_e												
TANN	136.76	PKPdf	16:50:33.167		35.6	1.73	TAS	m_e												
TANN	136.76	PP	16:54:00.769	0.1	35.6	2.99	TAS	m_e												
TNS	138.42	PP	16:54:05.554	0.0	35.6	2.99	TAS	m_e												
UBBA	137.37	PP	16:54:01.845	-0.1	35.6	2.99	TAS	m_e												
WET	137.58	PKPdf	16:50:34.627		35.6	1.73	TAS	m_e												
WET	137.58	PP	16:54:03.227		35.6	2.99	TAS	m_e												

Event 804007 Andaman Islands, India, region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/04 19:17:52.50 13.3100 91.9800 33.0 9 72.25 77.30 m i ke EMSC
 804043

Magnitude Err Nsta Author OrigID
 Ms 5.4 BGR 804013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	74.29		P	19:30:39.329	0.5	286.0		4.98		TAS		510.3	2.43	m_e	
BFO	75.98		P	19:30:36.622		286.0		4.98		TAS		28.5	1.25	m_e	
BFO	75.98		PcP	19:30:46.448						T__				m_e	
BRG	72.25		P	19:30:50.356	-0.5	286.0		4.98		TAS		20.3	1.15	m_e	
BSEG	74.46		P	19:30:35.534	-0.1	286.0		4.98		TAS		76.6	1.48	m_e	
BUG	76.43		P	19:30:29.492	-0.2	286.0		4.98		TAS		40.5	1.25	m_e	
CLL	72.85		P	19:30:46.904	0.1	286.0		4.98		TAS		32.3	1.30	m_e	
CLZ	74.48		P	19:30:39.024	-0.0	286.0		4.98		TAS		512.0	2.62	m_e	
CLZ	74.48		PcP	19:30:48.544	0.8					T__				m_e	
FLT1	73.94		P	19:30:39.962	0.3	286.0		4.98		TAS		443.2	2.50	m_e	

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GEC2	72.40	P	19:30:52.758	0.3	286.0	4.98	TAS	326.0	2.70	m_e								
GEC2	72.40	PcP	19:31:03.721				T__			m_e								
GRA1	74.01	P	19:30:44.502	-0.2	286.0	4.98	TAS			m_e								
GRA1	74.01	PcP	19:30:55.560				T__			m_e								
GRA1	74.01	L	20:06:50.989				T__	2301.3	21.80	a_e Ms							5.4	
GTTG	74.75	P	19:30:37.673	-0.2	286.0	4.98	TAS			m_e								
IBBN	76.07	P	19:30:30.730	-0.5	286.0	4.98	TAS	56.2	1.03	m_e								
KAST	75.73	P	19:30:33.507	-0.2	286.0	4.98	TAS			m_e								
KAST	75.73	PcP	19:30:43.358				T__			m_e								
MOX	73.73	P	19:30:44.014	-0.1	286.0	4.98	TAS			m_e								
MOX	73.73	L	20:12:01.501				T__	2020.0	19.70	a_e Ms							5.4	
NEUB	73.62	P	19:30:43.376	-0.2	286.0	4.98	TAS			m_e								
NEUB	73.62	PcP	19:30:53.435				T__			m_e								
PLN	73.39	P	19:30:45.628	0.1	286.0	4.98	TAS			m_e								
PLN	73.39	PcP	19:30:55.666				T__			m_e								
RETH	75.07	P	19:30:34.521	0.6	286.0	4.98	TAS	532.8	2.34	m_e								
RETH	75.07	PcP	19:30:44.497	0.1			T__			m_e								
TANN	73.20	P	19:30:46.941	-0.7	286.0	4.98	TAS	136.8	1.83	m_e								
TNS	75.77	PcP	19:30:44.910				T__			m_e								
UBBA	74.75	P	19:30:38.273	0.1	286.0	4.98	TAS	248.4	2.18	m_e								
UBR	74.83	P	19:30:43.489		286.0	4.98	TAS			m_e								
WET	72.94	P	19:30:50.131	0.0	286.0	4.98	TAS	104.3	1.49	m_e								
WET	72.94	PcP	19:31:01.327				T__			m_e								
WLF	77.30	P	19:30:27.428	0.2	286.0	4.98	TAS			m_e								

Event 805002 Tajikistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/05	08:18:48.18			39.7630	71.8920				33.0			13		41.23	46.37	m i ke	BGR
	805008																

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	805008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	45.29		P	08:27:00.821		79.3		8.09		TAS		8.8	0.75	m_e mb	4.8
BRG	41.23		P	08:26:28.180	0.0	79.3		8.09		TAS		18.5	0.73	m_e mb	4.9
CLL	41.76		P	08:26:32.128	-0.2	79.3		8.09		TAS		15.4	0.67	m_e mb	4.9
CLZ	43.31		P	08:26:45.119	0.8	79.3		8.09		TAS		7.6	0.70	m_e mb	4.5
FLT1	42.71		P	08:26:39.702	0.3	79.3		8.09		TAS		28.6	0.76	m_e mb	5.1
GEC2	41.70		P	08:26:32.383		79.3		8.09		TAS		11.2	0.81	m_e mb	4.6
GRA1	43.14		P	08:26:44.701	-0.4	79.3		8.09		TAS		24.0	0.82	m_e mb	5.0
GTTG	43.61		P	08:26:48.073	-0.4	79.3		8.09		TAS		33.4	0.82	m_e mb	5.1
MOX	42.73		P	08:26:40.484	-0.1	79.3		8.09		TAS		7.9	0.81	m_e mb	4.5
PLN	42.41		P	08:26:37.835	0.1	79.3		8.09		TAS		2.6	0.66	m_e mb	4.1
TANN	42.23		P	08:26:36.361	0.8	79.3		8.09		TAS		8.2	0.99	m_e mb	4.4

UBBA	43.71	P	08:26:47.504	-0.1	79.3	8.09	TAS	5.8	0.61	m_e	mb	4.5
WLF	46.37	P	08:27:09.979	0.3	79.3	8.09	TAS	19.5	0.80	m_e	mb	5.2

Event 805003 North of Svalbard

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/05	08:48:06.00			87.3700	7.5500				33.0			14		34.55	38.71	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	805009
Ms	4.2		BGR	805009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	35.42		P	08:55:02.513	0.1	0.4		8.68		TAS		93.3	1.08	m_e	mb	5.6
CLL	36.25		P	08:55:08.900	-1.0	0.4		8.68		TAS		73.7	0.92	m_e	mb	5.5
CLZ	35.70		P	08:55:05.189	0.3	0.4		8.68		TAS		143.3	1.18	m_e	mb	5.7
FLT1	35.21		P	08:55:00.054	-0.6	0.4		8.68		TAS		88.2	1.27	m_e	mb	5.5
GEC2	38.71		P	08:55:30.949		0.4		8.68		TAS		63.9	1.04	m_e	mb	5.2
GOR1	34.55		P	08:54:55.092	0.2	0.4		8.68		TAS		58.7	1.03	m_e	mb	5.5
GRA1	37.86		P	08:55:23.613		0.4		8.68		TAS		122.2	1.00	m_e	mb	5.6
GRA1	37.86		L	09:08:35.307						T__		406.2	20.80	a_e	Ms	4.2
GTTG	36.00		P	08:55:07.735	0.3	0.4		8.68		TAS		147.3	1.17	m_e	mb	5.7
MOX	36.90		P	08:55:15.372	0.1	0.4		8.68		TAS		144.6	0.96	m_e	mb	5.7
MOX	36.90		L	09:12:15.961						T__		366.6	18.30	a_e	Ms	4.2
PLN	37.06		P	08:55:16.666	0.1	0.4		8.68		TAS		55.5	0.99	m_e	mb	5.2
RETH	34.80		P	08:54:57.465	0.5	0.4		8.68		TAS		86.1	1.19	m_e	mb	5.6
TANN	37.14		P	08:55:17.012	0.3	0.4		8.68		TAS		94.2	1.00	m_e	mb	5.5
UBBA	36.73		P	08:55:12.783	-0.2	0.4		8.68		TAS		55.3	1.43	m_e	mb	5.1
WET	38.41		P	08:55:28.317		0.4		8.68		TAS		78.8	1.21	m_e	mb	5.3

Event 805004 Norfolk Island, Australia, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/05	12:05:36.00			-16.1400	168.0800				181.0			5		140.57	143.85	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	143.85		PKPbc	12:24:50.011		35.1		3.50		TAS				m_e	
GRA1	141.63		PKPbc	12:24:42.913		35.1		3.50		TAS				m_e	
GTTG	140.59		PKPdf	12:25:54.505						T__				m_e	

IBBN	140.69	PKPdf	12:25:54.860	-0.1						T__		m_e
MOX	140.72	PKPbc	12:24:39.065		35.1		3.50			TAS		m_e
MOX	140.72	PKPdf	12:25:54.318							T__		m_e
PLN	140.63	PKPbc	12:24:38.729		35.1		3.50			TAS		m_e
PLN	140.63	PKPdf	12:25:54.058							T__		m_e
STU	143.16	PKPbc	12:24:47.470		35.1		3.50			TAS		m_e
TANN	140.57	PKPbc	12:24:38.729		35.1		3.50			TAS		m_e
TANN	140.57	PKPdf	12:25:53.783							T__		m_e
UBR	143.68	PKPbc	12:24:49.712		35.1		3.50			TAS		m_e
WLF	143.48	PKPbc	12:24:48.890		35.1		3.50			TAS		m_e

Event 805005 Bristol Bay, Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/05	16:17:41.70			54.6000	-161.1500				33.0			19		71.60	77.83	m i ke	EMSC
	805039																

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	805011
Ms	4.7		BGR	805011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	73.42		P	16:29:14.617	-0.1	356.6		5.88		TAS		11.8	0.79	m_e mb	5.1
BFO	77.06		P	16:29:36.560		356.6		5.88		TAS		13.7	0.81	m_e mb	5.1
BRG	74.82		P	16:29:22.701	0.1	356.6		5.88		TAS		18.1	0.98	m_e mb	5.1
BSEG	71.60		P	16:29:03.984	0.0	356.6		5.88		TAS		11.2	0.82	m_e mb	5.0
BUG	73.89		P	16:29:17.206	-0.4	356.6		5.88		TAS		25.3	0.67	m_e mb	5.4
CLL	74.35		P	16:29:19.715	-0.2	356.6		5.88		TAS		28.0	1.04	m_e mb	5.2
CLZ	73.69		P	16:29:16.688	0.4	356.6		5.88		TAS				m_e	
FLT1	73.25		P	16:29:13.144	-0.5	356.6		5.88		TAS		37.9	1.07	m_e mb	5.5
GEC2	76.84		P	16:29:34.489	-0.5	356.6		5.88		TAS				m_e	
GRA1	75.88		P	16:29:29.392	0.3	356.6		5.88		TAS				m_e	
GRA1	75.88		L	17:11:46.410						T__		443.4	18.10	a_e Ms	4.8
GTTG	73.96		P	16:29:18.201	0.3	356.6		5.88		TAS		38.1	0.86	m_e mb	5.5
IBBN	73.06		P	16:29:12.745	0.0	356.6		5.88		TAS		57.2	1.10	m_e mb	5.6
KAST	74.21		P	16:29:19.356	-0.1	356.6		5.88		TAS		17.2	0.96	m_e mb	5.0
MOX	74.95		P	16:29:23.670	0.2	356.6		5.88		TAS		17.4	0.73	m_e mb	5.2
MOX	74.95		L	17:08:30.166						T__		256.6	20.10	a_e Ms	4.5
PLN	75.14		P	16:29:24.613	0.1	356.6		5.88		TAS			1.05	m_e	
RETH	72.74		P	16:29:10.754	0.0	356.6		5.88		TAS			1.03	m_e	
TANN	75.22		P	16:29:25.290	0.3	356.6		5.88		TAS		10.9	1.09	m_e mb	4.8
UBR	77.83		P	16:29:40.105		356.6		5.88		TAS		14.2	0.85	m_e mb	5.1
WLF	75.56		P	16:29:27.600	-0.0	356.6		5.88		TAS		22.1	0.86	m_e mb	5.3

Event 805006 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/05	17:54:02.85			36.2020	143.1770				33.0			16		81.44	86.72	m i ke	BGR
OrigID 805012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	805012
Ms	5.2		BGR	805012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	86.72		P	18:06:41.701		37.1		5.07		TAS		18.9	0.89	m_e	mb	5.2
BRG	82.48		P	18:06:20.267	0.6	37.1		5.07		TAS		14.0	0.90	m_e	mb	5.1
BSEG	81.44		P	18:06:15.195	0.2	37.1		5.07		TAS		16.7	1.06	m_e	mb	5.0
CLL	82.52		P	18:06:20.327	0.1	37.1		5.07		TAS		22.7	0.92	m_e	mb	5.4
CLZ	83.10		P	18:06:24.011	-0.2	37.1		5.07		TAS		23.0	1.07	m_e	mb	5.3
FLT1	82.38		P	18:06:19.482	-0.2	37.1		5.07		TAS		20.5	0.82	m_e	mb	5.3
GEC2	84.16		P	18:06:28.720		37.1		5.07		TAS		10.7	0.90	m_e	mb	5.1
GRA1	84.49		P	18:06:31.196		37.1		5.07		TAS		37.5	1.09	m_e	mb	5.5
GRA1	84.49		L	18:46:52.893						T__		1245.6	18.30	a_e	Ms	5.3
KAST	84.33		P	18:06:29.626	0.1	37.1		5.07		TAS		10.3	1.03	m_e	mb	5.0
MOX	83.58		P	18:06:26.003	-0.2	37.1		5.07		TAS		9.9	0.93	m_e	mb	5.0
MOX	83.58		L	18:51:45.162						T__		688.0	18.60	a_e	Ms	5.1
NEUB	83.08		P	18:06:23.226	0.1	37.1		5.07		TAS		19.6	0.86	m_e	mb	5.4
PLN	83.49		P	18:06:25.580	-0.1	37.1		5.07		TAS		4.9	1.22	m_e	mb	4.6
RETH	82.74		P	18:06:21.897	-0.4	37.1		5.07		TAS		23.1	1.16	m_e	mb	5.3
TANN	83.43		P	18:06:25.279		37.1		5.07		TAS		6.0	1.06	m_e	mb	4.8
UBBA	84.06		P	18:06:27.633	0.3	37.1		5.07		TAS		40.0	1.90	m_e	mb	5.3
WET	84.26		P	18:06:29.747		37.1		5.07		TAS		10.8	1.02	m_e	mb	5.0

Event 806001 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
2020/08/06	03:06:14.10			36.8380	140.1640				33.0			23		79.78	84.98	m i ke	BGR
OrigID 806007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	806007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	81.05		P	03:18:23.786	-0.2	38.9		5.21		TAS		11.4	0.94	m_e	mb	4.9
BFO	84.98		P	03:18:44.257	-0.4	38.9		5.21		TAS		33.5	0.90	m_e	mb	5.6
BRG	80.71		P	03:18:22.073	-0.1	38.9		5.21		TAS		15.4	0.82	m_e	mb	5.1
BSEG	79.78		P	03:18:17.394	0.1	38.9		5.21		TAS		15.1	0.80	m_e	mb	5.0
BUG	82.89		P	03:18:33.437	-0.0	38.9		5.21		TAS		12.3	0.83	m_e	mb	5.2

Station	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	80.76	P		03:18:22.073	-0.4	38.9		5.21		TAS		34.9	0.79	m_e mb	5.4
CLZ	81.39	P		03:18:26.084	0.3	38.9		5.21		TAS		29.7	0.89	m_e mb	5.3
FLT1	80.68	P		03:18:21.488	-0.5	38.9		5.21		TAS		36.1	0.80	m_e mb	5.5
FUR	83.90	P		03:18:39.202		38.9		5.21		TAS		54.8	0.76	m_e mb	5.9
GEC2	82.35	P		03:18:30.638	-0.2	38.9		5.21		TAS		13.8	0.73	m_e mb	5.2
GOR1	80.14	P		03:18:19.400	0.2	38.9		5.21		TAS		27.3	1.07	m_e mb	5.1
GRA1	82.73	P		03:18:33.437	-0.1	38.9		5.21		TAS		44.0	0.82	m_e mb	5.7
GTTG	81.78	P		03:18:27.964	0.2	38.9		5.21		TAS		26.8	0.87	m_e mb	5.4
IBBN	82.01	P		03:18:29.050	0.2	38.9		5.21		TAS		37.6	0.83	m_e mb	5.5
KAST	82.65	P		03:18:32.434	0.2	38.9		5.21		TAS		13.0	1.00	m_e mb	5.1
NEUB	81.35	P		03:18:25.499	-0.0	38.9		5.21		TAS		42.5	0.85	m_e mb	5.5
PLN	81.74	P		03:18:27.671	0.0	38.9		5.21		TAS		3.4	0.89	m_e mb	4.5
RETH	81.07	P		03:18:24.120	0.1	38.9		5.21		TAS				m_e	
STU	84.28	P		03:18:40.873	0.4	38.9		5.21		TAS		107.2	0.79	m_e mb	6.1
TANN	81.67	P		03:18:27.212	0.7	38.9		5.21		TAS		7.6	0.88	m_e mb	4.8
UBBA	82.34	P		03:18:29.760	-0.9	38.9		5.21		TAS		6.6	0.68	m_e mb	4.9
UBR	84.77	P		03:18:42.920		38.9		5.21		TAS		8.1	0.78	m_e mb	5.0
WET	82.47	P		03:18:31.724	0.1	38.9		5.21		TAS		11.0	0.83	m_e mb	5.0

Event 806002 Southern Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/06	22:17:40.90			27.7460	55.2110				33.0			16		38.18	43.16	m i ke	BGR
	806008																

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	806008
Ms	4.1		BGR	806008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	41.05	P		22:25:20.435	-0.1	106.7		8.30		TAS		17.1	1.00	m_e mb	4.7
BRG	38.71	P		22:25:00.955	0.1	106.7		8.30		TAS		7.7	0.92	m_e mb	4.3
BSEG	41.86	P		22:25:26.679	0.2	106.7		8.30		TAS		9.4	0.97	m_e mb	4.5
BUG	42.88	P		22:25:36.003	0.0	106.7		8.30		TAS		20.4	0.96	m_e mb	4.8
CLL	39.41	P		22:25:07.115	0.4	106.7		8.30		TAS		26.2	1.35	m_e mb	4.7
CLZ	41.14	P		22:25:21.684	0.3	106.7		8.30		TAS		28.6	0.98	m_e mb	5.0
FLT1	40.79	P		22:25:18.271	-0.0	106.7		8.30		TAS		41.6	0.90	m_e mb	5.2
GEC2	38.18	P		22:24:57.125		106.7		8.30		TAS		10.0	0.84	m_e mb	4.6
GOR1	40.98	P		22:25:19.852	0.3	106.7		8.30		TAS		33.8	0.97	m_e mb	5.0
GRA1	39.98	P		22:25:12.193	0.0	106.7		8.30		TAS		27.7	0.94	m_e mb	4.9
GRA1	39.98	L		23:12:19.377						T__		277.9	21.00	a_e Ms	4.1
IBBN	42.82	P		22:25:34.920	-0.4	106.7		8.30		TAS		20.8	0.85	m_e mb	4.9
KAST	42.12	P		22:25:30.175	-0.3	106.7		8.30		TAS		13.3	0.91	m_e mb	4.7
MOX	40.02	L		23:13:24.491						T__		309.2	21.90	a_e Ms	4.1
RETH	42.01	P		22:25:28.344	-0.1	106.7		8.30		TAS		7.5	1.03	m_e mb	4.4
UBR	40.17	P		22:25:13.692		106.7		8.30		TAS		23.7	0.80	m_e mb	4.9

WET	38.78	P	22:25:01.704	0.4	106.7		8.30	TAS	9.6	1.07	m_e	mb	4.3
WLF	43.16	P	22:25:38.167	-0.4	106.7		8.30	TAS	11.4	0.99	m_e	mb	4.6

Event 807001 Kamchatka Peninsula, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/07	03:41:11.80			52.4070	157.8940				33.0			16		70.63	76.56	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	807007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	76.34		P	03:52:55.278		20.4		5.84		TAS		5.3	0.81	m_e	mb	4.7
BSEG	70.63		P	03:52:22.306	0.0	20.4		5.84		TAS				m_e		
BUG	73.60		P	03:52:39.667	0.4	20.4		5.84		TAS		15.9	0.93	m_e	mb	5.0
CLL	72.50		P	03:52:32.811	0.4	20.4		5.84		TAS		10.2	0.78	m_e	mb	5.0
CLZ	72.59		P	03:52:34.176	-0.0	20.4		5.84		TAS		13.9	0.94	m_e	mb	5.1
FLT1	71.94		P	03:52:29.539	-0.5	20.4		5.84		TAS		9.2	0.78	m_e	mb	5.0
GEC2	74.62		P	03:52:45.704		20.4		5.84		TAS		4.8	0.70	m_e	mb	4.6
GOR1	71.31		P	03:52:26.394	0.1	20.4		5.84		TAS		23.9	1.42	m_e	mb	5.1
GRA1	74.42		P	03:52:44.932		20.4		5.84		TAS		11.9	0.72	m_e	mb	5.0
IBBN	72.69		P	03:52:34.395	0.0	20.4		5.84		TAS		15.1	0.89	m_e	mb	5.1
KAST	73.60		P	03:52:39.855	0.0	20.4		5.84		TAS		8.4	1.03	m_e	mb	4.7
MOX	73.44		P	03:52:38.778		20.4		5.84		TAS		5.5	0.89	m_e	mb	4.7
PLN	73.46		P	03:52:38.984		20.4		5.84		TAS		2.3	0.98	m_e	mb	4.3
RETH	71.96		P	03:52:30.091	-0.5	20.4		5.84		TAS		11.7	1.02	m_e	mb	5.0
UBR	76.56		P	03:52:56.924		20.4		5.84		TAS		9.3	1.07	m_e	mb	4.8
WET	74.55		P	03:52:45.656		20.4		5.84		TAS		9.5	0.94	m_e	mb	4.8

Event 807002 Northern Algeria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/07	06:15:17.38			35.1390	6.2470				33.0			18		13.27	19.01	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	807008
Ms	3.8		BGR	807008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	17.28		P	06:19:22.979	-0.9	195.9		13.23		TAS		41.5	1.35	m_e	mb	4.4
BFO	13.27		P	06:18:28.624		195.9		13.23		TAS		109.6	2.16	m_e		

BRG	16.69	P	06:19:14.875	-0.7	195.9	13.23	TAS	16.9	0.99	m_e		
BSEG	19.01	P	06:19:44.727	1.0	195.9	13.23	TAS	96.7	1.64	m_e		
CLL	16.88	P	06:19:17.198	1.0	195.9	13.23	TAS	16.4	1.28	m_e		
CLZ	16.96	P	06:19:18.516	-0.2	195.9	13.23	TAS	65.6	1.84	m_e		
FLT1	17.55	P	06:19:27.251	0.6	195.9	13.23	TAS	46.9	1.33	m_e		
GEC2	14.76	P	06:18:50.223		195.9	13.23	TAS	14.6	0.72	m_e		
GOR1	18.20	P	06:19:36.350	0.2	195.9	13.23	TAS	55.5	1.31	m_e		
GRA1	14.99	L	06:24:55.802				T__	787.7	19.10	a_e	Ms	3.9
KAST	16.13	P	06:19:07.234	-0.1	195.9	13.23	TAS	13.5	0.82	m_e		
MOX	15.98	P	06:19:06.674	-0.9	195.9	13.23	TAS	11.4	0.90	m_e		
MOX	15.98	L	06:23:58.576				T__	488.3	20.80	a_e	Ms	3.7
NEUB	16.54	P	06:19:12.840	0.2	195.9	13.23	TAS	16.7	0.68	m_e		
PLN	15.93	P	06:19:06.731		195.9	13.23	TAS	8.5	1.43	m_e		
RETH	17.73	P	06:19:29.263	-0.2	195.9	13.23	TAS	126.9	1.65	m_e		
TANN	15.92	P	06:19:05.445		195.9	13.23	TAS	18.8	1.18	m_e		
UBBA	15.91	P	06:19:04.938	1.4	195.9	13.23	TAS	37.3	1.40	m_e		
WET	14.82	P	06:18:49.824		195.9	13.23	TAS	9.4	0.75	m_e		
WLF	14.52	P	06:18:42.796		195.9	13.23	TAS	26.0	0.86	m_e		

Event 808001 Northern Xinjiang, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/08	00:35:08.22			42.3790	87.9460				33.0			24		49.09	54.61	m i ke	BGR
	808007																

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	808007
Ms	4.7		BGR	808007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	53.90	P		00:44:26.257		66.9		7.49		TAS		13.5	0.91	m_e	mb 5.0
BRG	49.54	P		00:43:54.008	0.0	66.9		7.49		TAS		12.1	0.90	m_e	mb 4.8
BSEG	50.55	P		00:44:01.742	0.4	66.9		7.49		TAS		17.7	1.18	m_e	mb 4.9
BUG	53.21	P		00:44:21.528	-0.3	66.9		7.49		TAS		20.8	1.02	m_e	mb 5.0
CLL	49.94	P		00:43:56.580	-1.2	66.9		7.49		TAS		30.5	0.74	m_e	mb 5.3
CLZ	51.27	P		00:44:07.208	-0.7	66.9		7.49		TAS		14.6	1.09	m_e	mb 4.8
FLT1	50.60	P		00:44:01.356	0.3	66.9		7.49		TAS		20.3	0.85	m_e	mb 5.1
FUR	52.18	P		00:44:14.898		66.9		7.49		TAS		53.4	1.11	m_e	mb 5.4
GEC2	50.43	P		00:44:01.216	0.4	66.9		7.49		TAS		9.0	0.94	m_e	mb 4.7
GOR1	50.32	P		00:44:00.262	-0.2	66.9		7.49		TAS		47.7	1.14	m_e	mb 5.3
GRA1	51.60	P		00:44:10.267	-0.7	66.9		7.49		TAS		36.5	0.97	m_e	mb 5.3
GRA1	51.60	L		01:06:32.846						T__		677.3	18.10	a_e	Ms 4.7
GTTG	51.62	P		00:44:10.048	-0.5	66.9		7.49		TAS		48.9	0.92	m_e	mb 5.4
IBBN	52.59	P		00:44:16.687	0.1	66.9		7.49		TAS		78.0	1.62	m_e	mb 5.4
MOX	51.00	P		00:44:05.222	0.5	66.9		7.49		TAS		30.2	1.25	m_e	mb 5.1
MOX	51.00	L		01:06:13.245						T__		528.3	18.50	a_e	Ms 4.6

NEUB	50.70	P	00:44:02.479	-0.2	66.9	7.49	TAS	32.5	0.80	m_e	mb	5.3
PLN	50.74	P	00:44:03.132	0.3	66.9	7.49	TAS	4.1	0.97	m_e	mb	4.3
RETH	51.52	P	00:44:08.954	0.1	66.9	7.49	TAS	17.4	1.11	m_e	mb	4.9
RUE	49.09	P	00:43:50.493	-0.6	66.9	7.49	TAS	45.2	0.96	m_e	mb	5.5
STU	53.19	P	00:44:21.560		66.9	7.49	TAS	57.5	1.22	m_e	mb	5.4
TANN	50.58	P	00:44:02.177	0.3	66.9	7.49	TAS	14.0	0.93	m_e	mb	4.9
UBBA	51.88	P	00:44:10.576	-0.1	66.9	7.49	TAS	6.9	0.93	m_e	mb	4.6
UBR	53.09	P	00:44:21.302		66.9	7.49	TAS	36.1	0.82	m_e	mb	5.3
WET	50.81	P	00:44:04.163	0.9	66.9	7.49	TAS	13.7	1.01	m_e	mb	4.8
WLF	54.61	P	00:44:32.052	-0.1	66.9	7.49	TAS	19.5	1.27	m_e	mb	5.0

Event 808002 Xizang
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/08 08:44:04.75 30.4430 94.9060 33.0 12 61.58 66.71 m i ke BGR
 808008

Magnitude Err Nsta Author OrigID
 mb 4.9 BGR 808008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	65.80		P	08:54:46.140		73.4		6.62		TAS		9.7	1.16	m_e	mb	4.9
BRG	61.58		P	08:54:18.572		73.4		6.62		TAS		4.5	0.85	m_e	mb	4.7
CLZ	63.49		P	08:54:31.508	-0.5	73.4		6.62		TAS		17.7	1.15	m_e	mb	5.1
FLT1	62.84		P	08:54:26.331	0.1	73.4		6.62		TAS		10.4	1.20	m_e	mb	4.8
FUR	63.98		P	08:54:34.996		73.4		6.62		TAS		21.8	0.68	m_e	mb	5.5
GEC2	62.24		P	08:54:23.122		73.4		6.62		TAS		19.8	1.44	m_e	mb	5.1
MOX	63.06		P	08:54:28.383		73.4		6.62		TAS		5.0	1.08	m_e	mb	4.6
PLN	62.77		P	08:54:26.577		73.4		6.62		TAS		3.7	1.43	m_e	mb	4.3
TANN	62.61		P	08:54:25.503		73.4		6.62		TAS		10.2	1.34	m_e	mb	4.8
UBR	64.88		P	08:54:40.051		73.4		6.62		TAS		6.9	0.86	m_e	mb	4.9
WET	62.69		P	08:54:26.030		73.4		6.62		TAS		6.8	0.98	m_e	mb	4.7
WLF	66.71		P	08:54:52.963		73.4		6.62		TAS		31.7	1.18	m_e	mb	5.4

Event 808003 Alaska Peninsula, United States
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/08 12:53:08.33 55.9460 -159.3050 33.0 17 71.28 76.36 m i ke BGR
 808009

Magnitude Err Nsta Author OrigID
 mb 5.2 BGR 808009
 Ms 4.8 BGR 808009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	71.97		P	13:04:26.850	0.1	354.5		5.84		TAS		15.1	0.98	m_e	mb 5.1
BFO	75.58		P	13:04:47.634		354.5		5.84		TAS		12.0	0.93	m_e	mb 5.0
BRG	73.40		P	13:04:35.374	-0.4	354.5		5.84		TAS		13.5	0.82	m_e	mb 5.1
BUG	72.40		P	13:04:29.164	0.1	354.5		5.84		TAS		18.8	0.77	m_e	mb 5.3
CLL	72.92		P	13:04:32.433	0.4	354.5		5.84		TAS		25.4	1.07	m_e	mb 5.3
CLZ	72.24		P	13:04:28.864	0.0	354.5		5.84		TAS		25.6	1.04	m_e	mb 5.3
FLT1	71.81		P	13:04:25.647	0.0	354.5		5.84		TAS		12.2	0.84	m_e	mb 5.1
GEC2	75.42		P	13:04:47.078		354.5		5.84		TAS		13.6	0.93	m_e	mb 5.0
GRA1	74.44		L	13:40:00.380						T__		465.5	21.30	a_e	Ms 4.8
IBBN	71.58		P	13:04:24.843	-0.1	354.5		5.84		TAS		39.9	1.04	m_e	mb 5.5
KAST	72.73		P	13:04:31.420	0.3	354.5		5.84		TAS		8.2	0.77	m_e	mb 4.9
MOX	73.51		P	13:04:36.031		354.5		5.84		TAS		36.3	1.02	m_e	mb 5.3
MOX	73.51		L	13:40:53.014						T__		471.9	20.50	a_e	Ms 4.8
PLN	73.70		P	13:04:37.184		354.5		5.84		TAS			0.89	m_e	
RETH	71.28		P	13:04:23.018	0.3	354.5		5.84		TAS			1.02	m_e	
TANN	73.79		P	13:04:37.676		354.5		5.84		TAS		20.6	1.24	m_e	mb 5.0
UBR	76.36		P	13:04:52.485		354.5		5.84		TAS		11.4	0.82	m_e	mb 5.0
WET	75.08		P	13:04:45.376		354.5		5.84		TAS		30.8	1.22	m_e	mb 5.2
WLF	74.06		P	13:04:39.486		354.5		5.84		TAS		36.7	1.04	m_e	mb 5.3

Event 808004 Alaska Peninsula, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/08	14:42:59.46			55.5450	-161.7800				33.0				28	70.20	76.92	m i ke	BGR
OrigID 808010																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.2		BGR	808010
Ms	4.5		BGR	808010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	72.51		S	15:03:44.988		355.9		5.80		TAS				m_e	
ASSE	72.51		P	14:54:20.939	-0.1	355.9		5.80		TAS		153.0	0.96	m_e	mb 6.1
BFO	76.17		S	15:04:25.858		355.9		5.80		TAS				m_e	
BFO	76.17		P	14:54:42.033	-0.2	355.9		5.80		TAS		95.2	0.80	m_e	mb 6.0
BRG	73.89		S	15:03:58.243		355.9		5.80		TAS				m_e	
BRG	73.89		P	14:54:29.062	0.0	355.9		5.80		TAS		152.0	0.96	m_e	mb 6.0
BSEG	70.69		S	15:03:25.350		355.9		5.80		TAS				m_e	
BSEG	70.69		P	14:54:10.454	-0.1	355.9		5.80		TAS		164.2	1.01	m_e	mb 6.1
BUG	73.00		S	15:03:51.178		355.9		5.80		TAS				m_e	
BUG	73.00		P	14:54:23.679	-0.1	355.9		5.80		TAS		288.4	0.87	m_e	mb 6.4
CLL	73.43		P	14:54:26.111	-0.3	355.9		5.80		TAS		163.2	0.94	m_e	mb 6.1
CLZ	72.78		P	14:54:23.046	0.4	355.9		5.80		TAS		235.5	0.92	m_e	mb 6.3
FLT1	72.34		S	15:03:41.788		355.9		5.80		TAS				m_e	

FLT1	72.34	P	14:54:19.547	-0.5	355.9	5.80	TAS	174.8	0.94	m_e	mb	6.2
FUR	76.50	P	14:54:44.338	0.1	355.9	5.80	TAS	207.7	0.84	m_e	mb	6.3
GEC2	75.91	P	14:54:40.825	0.1	355.9	5.80	TAS	122.8	0.85	m_e	mb	6.1
GOR1	71.68	P	14:54:16.259	0.0	355.9	5.80	TAS	130.1	0.99	m_e	mb	6.0
GRA1	74.97	S	15:04:12.870		355.9	5.80	TAS				m_e	
GRA1	74.97	P	14:54:35.695	0.3	355.9	5.80	TAS	183.6	0.91	m_e	mb	6.1
GRA1	74.97	L	15:26:57.876				T__	248.6	22.00	a_e	Ms	4.5
GTTG	73.06	P	14:54:24.635	0.4	355.9	5.80	TAS	323.9	0.88	m_e	mb	6.5
HLG	70.30	P	14:54:08.276	0.1	355.9	5.80	TAS	516.3	0.97	m_e	mb	6.6
IBBN	72.17	S	15:03:41.578		355.9	5.80	TAS				m_e	
IBBN	72.17	P	14:54:19.182	0.2	355.9	5.80	TAS	406.7	1.19	m_e	mb	6.4
KAST	73.31	S	15:03:52.778		355.9	5.80	TAS				m_e	
KAST	73.31	P	14:54:25.703	0.0	355.9	5.80	TAS	125.2	0.92	m_e	mb	6.0
MOX	74.04	P	14:54:30.074	0.1	355.9	5.80	TAS	238.2	0.93	m_e	mb	6.2
MOX	74.04	L	15:31:20.438				T__	278.6	20.70	a_e	Ms	4.5
NEUB	73.50	P	14:54:26.799	0.0	355.9	5.80	TAS	337.6	0.80	m_e	mb	6.5
PLN	74.22	S	15:04:04.185		355.9	5.80	TAS				m_e	
PLN	74.22	P	14:54:31.016	0.1	355.9	5.80	TAS	38.5	0.83	m_e	mb	5.5
RETH	71.84	P	14:54:17.190	0.1	355.9	5.80	TAS	142.5	1.07	m_e	mb	6.0
RGN	70.20	P	14:54:07.728	0.1	355.9	5.80	TAS	455.0	0.85	m_e	mb	6.6
RUE	72.28	P	14:54:19.842	0.1	355.9	5.80	TAS	308.1	0.91	m_e	mb	6.4
STU	75.78	P	14:54:39.939	-0.1	355.9	5.80	TAS	348.7	0.83	m_e	mb	6.5
TANN	74.30	P	14:54:31.564	0.1	355.9	5.80	TAS	62.8	0.88	m_e	mb	5.7
UBBA	73.79	P	14:54:27.234	-1.2	355.9	5.80	TAS	46.9	1.01	m_e	mb	5.5
UBR	76.92	P	14:54:46.573	-0.1	355.9	5.80	TAS	141.5	0.89	m_e	mb	6.1
WET	75.59	S	15:04:20.435		355.9	5.80	TAS				m_e	
WET	75.59	P	14:54:38.984	0.1	355.9	5.80	TAS	152.8	1.24	m_e	mb	6.0
WLF	74.68	P	14:54:33.825	0.3	355.9	5.80	TAS	252.4	1.00	m_e	mb	6.2

Event 809002 Iran-Iraq border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/09	09:16:18.45			33.4160	45.4550				33.0			22		26.48	33.16	m i ke	BGR
809008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	809008
Ms	3.8		BGR	809008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ARSA	26.48		P	09:21:53.285	0.2	109.9		8.84		TAS		16.7	1.08	m_e	mb	4.6
BIOA			P	09:22:05.244	-0.8	109.9		8.84		TAS		30.4	1.12	m_e	mb	5.0
BRG	28.85		P	09:22:12.828	0.4	109.9		8.84		TAS		9.9	1.17	m_e	mb	4.5
BSEG	32.17		P	09:22:42.702		109.9		8.84		TAS		10.5	1.11	m_e	mb	4.7
BUG	32.97		P	09:22:50.142		109.9		8.84		TAS		18.2	1.22	m_e	mb	4.9
CLL	29.57		P	09:22:19.387	-0.2	109.9		8.84		TAS		12.7	1.13	m_e	mb	4.7

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22

CLZ	31.29	P	09:22:34.980		109.9		8.84	TAS	24.5	1.17	m_e	mb	5.0
DAVA	30.16	P	09:22:25.391	-1.0	109.9		8.84	TAS	13.6	0.77	m_e	mb	4.8
FUR	29.49	P	09:22:19.637	-0.4	109.9		8.84	TAS	44.4	0.76	m_e	mb	5.4
GEC2	28.20	P	09:22:07.574	-1.0	109.9		8.84	TAS	5.6	1.04	m_e	mb	4.3
GOR1	31.23	P	09:22:34.860		109.9		8.84	TAS	43.0	1.09	m_e	mb	5.3
GRA1	30.02	P	09:22:24.107	-0.4	109.9		8.84	TAS	43.2	1.18	m_e	mb	5.2
GRA1	30.02	L	09:35:32.201					T__	213.7	21.20	a_e	Ms	3.8
IBBN	32.97	P	09:22:50.518		109.9		8.84	TAS	22.4	1.07	m_e	mb	5.0
KAST	32.21	P	09:22:43.595		109.9		8.84	TAS	16.5	1.07	m_e	mb	4.9
KBA	27.83	P	09:22:05.583	0.2	109.9		8.84	TAS	25.4	1.09	m_e	mb	5.0
MOA	27.49	P	09:22:02.144	0.9	109.9		8.84	TAS	35.1	1.03	m_e	mb	5.0
MOTA		P	09:22:18.135	-0.7	109.9		8.84	TAS	12.5	0.84	m_e	mb	4.8
MOX	30.12	L	09:36:05.379					T__	271.1	18.70	a_e	Ms	3.9
RETH	32.21	P	09:22:43.942		109.9		8.84	TAS	38.2	1.16	m_e	mb	5.2
SQTA		P	09:22:17.531	0.0	109.9		8.84	TAS	9.7	0.72	m_e	mb	4.7
WET	28.81	P	09:22:12.853	0.5	109.9		8.84	TAS	10.1	1.13	m_e	mb	4.5
WLF	33.16	P	09:22:51.122		109.9		8.84	TAS	23.8	0.99	m_e	mb	5.1
WTTA	29.00	P	09:22:15.384	0.0	109.9		8.84	TAS	33.6	1.30	m_e	mb	5.0

Event 809003 North Carolina, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/09	12:07:50.04			36.9010	-79.9010				33.0			24		60.53	65.45	m i ke	BGR
	809009																

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	809009
Ms	5.2		BGR	809009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	62.24		P	12:18:07.473	-0.3	296.6		6.62		TAS		118.1	1.42	m_e	mb	5.9
BFO	62.50		P	12:18:09.184		296.6		6.62		TAS		75.5	1.42	m_e	mb	5.7
BRG	64.63		P	12:18:23.172	-0.1	296.6		6.62		TAS		40.4	0.92	m_e	mb	5.6
BSEG	61.29		P	12:18:01.077	0.2	296.6		6.62		TAS		38.7	0.99	m_e	mb	5.2
BUG	60.59		P	12:17:56.298	0.0	296.6		6.62		TAS		136.8	1.55	m_e	mb	5.5
CLL	63.90		P	12:18:18.054	-0.0	296.6		6.62		TAS		25.4	0.95	m_e	mb	5.4
CLZ	62.19		P	12:18:07.460	-0.3	296.6		6.62		TAS		169.5	1.50	m_e	mb	6.0
FLT1	62.47		P	12:18:08.463	0.2	296.6		6.62		TAS		35.0	0.98	m_e	mb	5.5
GEC2	65.45		P	12:18:28.784	0.0	296.6		6.62		TAS		63.7	1.46	m_e	mb	5.6
GRA1	63.61		P	12:18:16.686	0.3	296.6		6.62		TAS		86.3	1.42	m_e	mb	5.8
GRA1	63.61		L	12:45:20.092						T__		1284.3	19.40	a_e	Ms	5.1
GTTG	62.09		P	12:18:06.652	-0.2	296.6		6.62		TAS		157.7	1.46	m_e	mb	6.0
IBBN	60.53		P	12:17:56.061	0.4	296.6		6.62		TAS		47.7	0.97	m_e	mb	5.3
KAST	61.35		P	12:18:01.361	-1.3	296.6		6.62		TAS		81.8	1.42	m_e	mb	5.4
MOX	63.42		P	12:18:15.421	0.3	296.6		6.62		TAS		35.4	0.93	m_e	mb	5.5
MOX	63.42		L	12:45:35.257						T__		1796.2	18.10	a_e	Ms	5.3

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	809007
Ms	4.2		BGR	809007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	71.59		P	15:09:18.693	-0.1	354.0		5.87		TAS		25.4	1.05	m_e	mb	5.3
BFO	75.18		P	15:09:39.557		354.0		5.87		TAS		12.6	0.92	m_e	mb	4.9
BRG	73.03		P	15:09:27.401	0.1	354.0		5.87		TAS		30.4	1.04	m_e	mb	5.4
BSEG	69.76		P	15:09:08.136	-0.0	354.0		5.87		TAS		23.5	1.05	m_e	mb	5.2
BUG	72.00		P	15:09:21.106	0.1	354.0		5.87		TAS		41.8	0.97	m_e	mb	5.5
CLL	72.55		P	15:09:24.388	-1.2	354.0		5.87		TAS		21.9	0.81	m_e	mb	5.3
CLZ	71.85		P	15:09:20.977	0.2	354.0		5.87		TAS		42.4	1.10	m_e	mb	5.5
FLT1	71.42		P	15:09:17.440	-0.1	354.0		5.87		TAS		30.8	1.07	m_e	mb	5.4
GEC2	75.04		P	15:09:39.196		354.0		5.87		TAS		17.4	0.93	m_e	mb	5.1
GRA1	74.05		P	15:09:33.565	-0.4	354.0		5.87		TAS		23.7	0.98	m_e	mb	5.2
GRA1	74.05		L	15:44:34.625						T__		158.5	21.10	a_e	Ms	4.3
GTTG	72.11		P	15:09:22.433	0.1	354.0		5.87		TAS		47.4	1.03	m_e	mb	5.6
IBBN	71.18		P	15:09:16.452	0.5	354.0		5.87		TAS		71.5	1.26	m_e	mb	5.7
KAST	72.33		P	15:09:23.462	0.1	354.0		5.87		TAS		23.8	1.12	m_e	mb	5.2
MOX	73.13		P	15:09:28.029	0.2	354.0		5.87		TAS		52.2	1.10	m_e	mb	5.6
MOX	73.13		L	15:43:05.677						T__		126.6	22.00	a_e	Ms	4.2
NEUB	72.59		P	15:09:24.912	0.2	354.0		5.87		TAS		40.8	0.85	m_e	mb	5.6
PLN	73.32		P	15:09:29.256	0.1	354.0		5.87		TAS		6.8	0.91	m_e	mb	4.8
RETH	70.89		P	15:09:14.723	-0.2	354.0		5.87		TAS		31.8	1.25	m_e	mb	5.3
STU	74.81		P	15:09:37.704		354.0		5.87		TAS		74.1	1.14	m_e	mb	5.6
TANN	73.41		P	15:09:29.707	0.0	354.0		5.87		TAS		24.3	1.25	m_e	mb	5.2
UBBA	72.84		P	15:09:25.052	0.5	354.0		5.87		TAS		11.2	1.23	m_e	mb	4.9
UBR	75.97		P	15:09:44.499		354.0		5.87		TAS		20.1	1.06	m_e	mb	5.2
WET	74.70		P	15:09:37.272	-0.1	354.0		5.87		TAS		25.6	1.18	m_e	mb	5.1
WLF	73.65		P	15:09:31.390	-0.1	354.0		5.87		TAS		55.6	1.16	m_e	mb	5.5

Event 810002 North of Honduras

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/10	14:13:41.72		17.8260	-83.6350					33.0			17		76.49	81.49	m i ke	BGR
810008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	810008
Ms	5.2		BGR	810008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	78.73		P	14:25:40.820	0.0	285.3		5.43		TAS		14.4	0.94	m_e	mb	5.0
BFO	78.18		P	14:25:37.421		285.3		5.43		TAS		5.2	0.85	m_e	mb	4.7
BRG	81.04		P	14:25:52.959	0.0	285.3		5.43		TAS		13.2	0.84	m_e	mb	5.0
BSEG	78.08		P	14:25:36.876	-0.4	285.3		5.43		TAS		12.7	0.86	m_e	mb	5.1

CLL	80.34	P	14:25:49.028	0.1	285.3	5.43	TAS	18.5	0.85	m_e	mb	5.0
CLZ	78.62	P	14:25:40.461	-0.1	285.3	5.43	TAS	20.6	0.90	m_e	mb	5.2
FLT1	79.01	P	14:25:41.633	-0.5	285.3	5.43	TAS	10.3	0.86	m_e	mb	4.9
GEC2	81.49	P	14:25:55.559		285.3	5.43	TAS			m_e		
GRA1	79.69	L	15:05:03.839				T__	1378.5	18.70	a_e	Ms	5.3
GTTG	78.45	P	14:25:39.220	0.1	285.3	5.43	TAS	27.2	0.98	m_e	mb	5.3
KAST	77.58	P	14:25:33.843	0.1	285.3	5.43	TAS	8.4	0.83	m_e	mb	4.9
MOX	79.68	P	14:25:45.786		285.3	5.43	TAS	8.9	0.86	m_e	mb	4.7
MOX	79.68	L	15:01:15.548				T__	797.7	20.20	a_e	Ms	5.0
NEUB	79.63	P	14:25:45.494	0.2	285.3	5.43	TAS	17.9	0.80	m_e	mb	5.0
PLN	80.06	P	14:25:47.717		285.3	5.43	TAS			m_e		
RETH	77.80	P	14:25:35.498	0.5	285.3	5.43	TAS			m_e		
TANN	80.26	P	14:25:49.010		285.3	5.43	TAS	15.6	0.95	m_e	mb	4.9
WET	80.88	P	14:25:52.456		285.3	5.43	TAS	17.5	0.88	m_e	mb	5.1
WLF	76.49	P	14:25:28.535		285.3	5.43	TAS	14.0	0.80	m_e	mb	5.1

Event 810003 North of Ascension Island

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/10	23:25:14.47			-4.0450	-11.9640				33.0			16		55.04	60.71	m i ke	BGR
	810009																

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	810009
Ms	3.6		BGR	810009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	55.10		P	23:34:45.679		207.8		7.06		TAS		13.1	1.13	m_e	mb	4.9
BRG	59.05		P	23:35:13.861	-0.3	207.8		7.06		TAS		7.9	0.99	m_e	mb	4.7
BSEG	60.71		P	23:35:24.579	-0.2	207.8		7.06		TAS		5.7	0.87	m_e	mb	4.4
CLL	59.13		P	23:35:14.562	0.2	207.8		7.06		TAS		9.0	1.31	m_e	mb	4.6
FLT1	59.51		P	23:35:17.025	0.1	207.8		7.06		TAS		41.5	1.89	m_e	mb	5.1
FUR	55.83		P	23:34:51.332		207.8		7.06		TAS		26.4	0.87	m_e	mb	5.3
GEC2	57.22		P	23:35:01.122		207.8		7.06		TAS		23.4	0.90	m_e	mb	5.2
GOR1	60.12		P	23:35:22.241	0.5	207.8		7.06		TAS		35.6	1.08	m_e	mb	5.3
GRA1	57.16		L	00:00:45.048						T__		54.6	20.80	a_e	Ms	3.6
GTTG	58.46		P	23:35:10.267	0.3	207.8		7.06		TAS		13.0	1.01	m_e	mb	4.9
MOX	58.13		P	23:35:07.579		207.8		7.06		TAS		10.4	0.94	m_e	mb	4.8
MOX	58.13		L	23:58:13.915						T__		57.3	21.40	a_e	Ms	3.7
NEUB	58.66		P	23:35:11.492	0.1	207.8		7.06		TAS		15.0	0.94	m_e	mb	5.0
PLN	58.15		P	23:35:07.492		207.8		7.06		TAS		2.4	0.89	m_e	mb	4.2
TANN	58.18		P	23:35:07.654		207.8		7.06		TAS		15.3	1.03	m_e	mb	5.0
UBR	55.04		P	23:34:45.330		207.8		7.06		TAS		21.2	1.01	m_e	mb	5.1
WET	57.21		P	23:35:01.035		207.8		7.06		TAS		15.6	1.00	m_e	mb	5.0
WLF	55.75		P	23:34:50.713		207.8		7.06		TAS		7.8	0.93	m_e	mb	4.7

Event 811002 Norwegian Sea
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/11 01:26:13.75 72.3050 8.8150 33.0 10 20.08 24.06 m i ke BGR
 811008

Magnitude Err Nsta Author OrigID
 mb 4.2 BGR 811008
 Ms 3.0 BGR 811008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	24.06		P	01:31:25.535		358.1		10.32		TAS		13.1	1.47	m_e mb	4.2
BUG	20.95		P	01:30:53.853		358.1		10.32		TAS		37.4	1.63	m_e mb	4.5
CLZ	20.55		P	01:30:51.007	-0.5	358.1		10.32		TAS		10.9	1.21	m_e mb	4.0
FLT1	20.08		P	01:30:45.151	0.4	358.1		10.32		TAS		16.5	1.39	m_e mb	4.1
GEC2	23.64		P	01:31:22.190		358.1		10.32		TAS		12.8	1.51	m_e mb	4.2
GRA1	22.72		L	01:39:21.732						T__		54.6	21.20	a_e Ms	3.0
KAST	21.18		P	01:30:56.647		358.1		10.32		TAS		14.9	1.16	m_e mb	4.2
MOX	21.77		P	01:31:02.783		358.1		10.32		TAS		7.4	0.86	m_e mb	4.1
MOX	21.77		L	01:41:55.651						T__		58.2	19.40	a_e Ms	3.0
NEUB	21.23		P	01:30:57.269		358.1		10.32		TAS		13.7	0.82	m_e mb	4.3
PLN	21.95		P	01:31:05.357		358.1		10.32		TAS		2.3	0.95	m_e mb	3.6
WET	23.31		P	01:31:19.291		358.1		10.32		TAS		10.8	1.43	m_e mb	4.2

Event 811003 Xizang
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/11 18:14:30.82 30.4680 92.7900 33.0 11 60.26 65.39 m i ke BGR
 811009

Magnitude Err Nsta Author OrigID
 mb 5.0 BGR 811009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	64.45		P	18:25:03.205		74.8		6.72		TAS		8.0	1.09	m_e mb	4.9
BRG	60.26		P	18:24:35.458	0.1	74.8		6.72		TAS		8.6	1.12	m_e mb	4.7
CLZ	62.20		P	18:24:48.839		74.8		6.72		TAS		18.5	1.10	m_e mb	5.2
FUR	62.61		P	18:24:52.123		74.8		6.72		TAS		23.5	0.55	m_e mb	5.5
GEC2	60.87		P	18:24:39.301	-0.3	74.8		6.72		TAS		18.0	1.41	m_e mb	4.7
GRA1	62.23		P	18:24:48.577		74.8		6.72		TAS		24.3	1.40	m_e mb	5.2
NEUB	61.51		P	18:24:43.495	-0.4	74.8		6.72		TAS		12.2	0.69	m_e mb	5.2
TANN	61.28		P	18:24:42.410	0.5	74.8		6.72		TAS		7.4	1.06	m_e mb	4.4
UBR	63.50		P	18:24:57.219		74.8		6.72		TAS		9.3	0.96	m_e mb	4.9

GRA1	63.83	L	16:38:44.107			T__	136.7	21.30	a_e	Ms	4.1
MOX	63.35	L	16:38:16.683			T__	102.9	21.10	a_e	Ms	4.0
PLN	63.05	P	16:08:37.302	75.8	6.60	TAS	3.8	1.33	m_e	mb	4.3
TANN	62.88	P	16:08:36.338	75.8	6.60	TAS	5.1	1.07	m_e	mb	4.6
UBR	65.06	P	16:08:50.138	75.8	6.60	TAS	5.1	0.88	m_e	mb	4.8
WET	62.91	P	16:08:36.566	75.8	6.60	TAS	6.3	1.10	m_e	mb	4.7
WLF	67.00	P	16:09:03.483	75.8	6.60	TAS	18.2	0.95	m_e	mb	5.3

Event 812006 Northwest of Madagascar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/12	17:13:17.98			-6.8570	40.6380				33.6	2.1		21		60.28	66.74	m i ke	BGR
	812012																

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	812012
Ms	5.5		BGR	812012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	64.09		S	17:32:31.960		147.3		13.12		TAS				m_e	
ASSE	64.09		P	17:23:50.160	-0.2	146.5		6.72		TAS		505.4	2.01	m_e	mb 6.4
ASSE	64.09		pP	17:23:59.712		146.5		6.72		TAS				m_e	
BFO	61.85		S	17:31:59.518		147.3		13.12		TAS				m_e	
BFO	61.85		P	17:23:35.208		146.5		6.72		TAS		24.1	0.67	m_e	mb 5.5
BFO	61.85		pP	17:23:44.577		146.5		6.72		TAS				m_e	
BRG	61.95		S	17:31:58.504		147.3		13.12		TAS				m_e	
BRG	61.95		P	17:23:36.011	0.4	146.5		6.72		TAS		11.9	0.85	m_e	mb 5.2
BRG	61.95		pP	17:23:45.062		146.5		6.72		TAS				m_e	
BSEG	65.72		S	17:32:50.716		147.3		13.12		TAS				m_e	
BSEG	65.72		P	17:24:00.714	0.1	146.5		6.72		TAS		7.1	0.64	m_e	mb 5.0
BUG	64.75		S	17:32:39.057		147.3		13.12		TAS				m_e	
BUG	64.75		P	17:23:54.797	-1.4	146.5		6.72		TAS		14.0	0.69	m_e	mb 5.3
BUG	64.75		pP	17:24:04.190		146.5		6.72		TAS				m_e	
CLL	62.62		S	17:32:10.163		147.3		13.12		TAS				m_e	
CLL	62.62		P	17:23:40.128	-0.3	146.5		6.72		TAS		12.4	0.68	m_e	mb 5.2
CLL	62.62		pP	17:23:49.383		146.5		6.72		TAS				m_e	
CLZ	63.96		S	17:32:23.850		147.3		13.12		TAS				m_e	
CLZ	63.96		P	17:23:49.180	0.2	146.5		6.72		TAS		12.1	0.85	m_e	mb 5.2
CLZ	63.96		pP	17:23:58.980		146.5		6.72		TAS				m_e	
FUR	60.58		pP	17:23:36.535		146.5		6.72		TAS				m_e	
GEC2	60.28		S	17:31:38.720		147.3		13.12		TAS				m_e	
GEC2	60.28		P	17:23:24.830		146.5		6.72		TAS		38.0	0.66	m_e	mb 5.6
GEC2	60.28		pP	17:23:34.454		146.5		6.72		TAS				m_e	
GOR1	64.61		P	17:23:54.267	-0.1	146.5		6.72		TAS		760.9	2.01	m_e	mb 6.6
GRA1	61.87		S	17:32:00.025		147.3		13.12		TAS				m_e	
GRA1	61.87		P	17:23:35.739	-0.2	146.5		6.72		TAS		45.1	0.62	m_e	mb 5.9

GRA1	61.87	pP	17:23:44.723	146.5	6.72	TAS												m_e	
GRA1	61.87	L	17:52:41.647			T__	3372.2	19.60	a_e	Ms	5.5								
GTTG	63.85	S	17:32:27.887	147.3	13.12	TAS													
GTTG	63.85	P	17:23:49.250	0.3	146.5	6.72	TAS	20.2	0.69	m_e	mb	5.5							
GTTG	63.85	pP	17:23:58.030	146.5	6.72	TAS													
HLG	66.74	S	17:33:01.361	147.3	13.12	TAS													
IBBN	65.27	S	17:32:46.661	147.3	13.12	TAS													
IBBN	65.27	P	17:23:58.048	0.6	146.5	6.72	TAS	22.8	0.65	m_e	mb	5.5							
IBBN	65.27	pP	17:24:07.590	146.5	6.72	TAS													
MOX	62.53	S	17:32:11.684	147.3	13.12	TAS													
MOX	62.53	P	17:23:39.425	0.4	146.5	6.72	TAS	16.8	0.69	m_e	mb	5.3							
MOX	62.53	pP	17:23:48.871	146.5	6.72	TAS													
MOX	62.53	L	17:52:03.867			T__	2873.4	21.80	a_e	Ms	5.4								
NEUB	62.94	P	17:23:42.675	0.1	146.5	6.72	TAS	20.1	0.52	m_e	mb	5.5							
NEUB	62.94	pP	17:23:51.863	146.5	6.72	TAS													
PLN	62.21	P	17:23:38.021	-0.6	146.5	6.72	TAS	70.2	1.69	m_e	mb	5.6							
PLN	62.21	pP	17:23:46.789	146.5	6.72	TAS													
RETH	65.05	P	17:23:56.813	-0.1	146.5	6.72	TAS	571.1	2.54	m_e	mb	6.3							
RETH	65.05	pP	17:24:06.589	146.5	6.72	TAS													
RGN	65.32	S	17:32:47.168	147.3	13.12	TAS													
RUE	63.38	S	17:32:21.822	147.3	13.12	TAS													
STU	61.87	S	17:32:01.039	147.3	13.12	TAS													
STU	61.87	pP	17:23:45.844	146.5	6.72	TAS													
TANN	62.04	P	17:23:36.832	0.2	146.5	6.72	TAS	132.8	1.48	m_e	mb	6.0							
TANN	62.04	pP	17:23:46.037	146.5	6.72	TAS													
UBBA	63.24	S	17:32:16.753	147.3	13.12	TAS													
UBBA	63.24	P	17:23:43.140	0.3	146.5	6.72	TAS	91.3	1.52	m_e	mb	5.7							
UBBA	63.24	pP	17:23:52.751	146.5	6.72	TAS													
UBR	60.62	P	17:23:26.628	146.5	6.72	TAS	29.7	0.60	m_e	mb	5.3								
WET	60.82	S	17:31:46.830	147.3	13.12	TAS													
WET	60.82	P	17:23:27.725	146.5	6.72	TAS	14.0	0.60	m_e	mb	5.0								
WET	60.82	pP	17:23:37.545	146.5	6.72	TAS													
WLF	63.79	S	17:32:23.832	147.3	13.12	TAS													
WLF	63.79	P	17:23:48.346	0.2	146.5	6.72	TAS	20.9	0.78	m_e	mb	5.4							
WLF	63.79	pP	17:23:57.534	146.5	6.72	TAS													

Event 812005 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/12	17:29:59.44			48.2370	154.8440				33.0			7		75.59	79.53	m i ke	BGR
	812011																

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	812011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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BFO	79.53	P	17:42:01.173	23.9	5.61	TAS	8.2	0.88	m_e	mb	4.7
CLL	75.59	P	17:41:38.765	23.9	5.61	TAS	8.1	0.74	m_e	mb	4.9
CLZ	75.78	P	17:41:40.650	23.9	5.61	TAS	8.5	0.95	m_e	mb	4.8
GEC2	77.62	P	17:41:50.974	23.9	5.61	TAS	3.3	0.56	m_e	mb	4.7
IBBN	75.97	P	17:41:41.528	-0.2	23.9	TAS	10.1	0.79	m_e	mb	5.0
MOX	76.56	P	17:41:44.721	23.9	5.61	TAS	3.4	0.70	m_e	mb	4.6
WET	77.58	P	17:41:50.676	23.9	5.61	TAS	5.3	0.74	m_e	mb	4.8

Event 812004 Pakistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/12	22:40:50.44			27.4300	65.1210				33.0			14		44.75	49.20	m i ke	BGR
	812010																

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	812010
Ms	5.1		BGR	812010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	44.96		P	22:49:02.075		98.0		7.85		TAS		23.4	0.98	m_e	mb	5.1
BSEG	47.74		P	22:49:22.980	-0.0	98.0		7.85		TAS		10.7	0.99	m_e	mb	4.9
BUG	49.20		P	22:49:35.023	0.2	98.0		7.85		TAS		33.3	1.16	m_e	mb	5.3
CLZ	47.34		P	22:49:20.547	0.3	98.0		7.85		TAS		26.6	1.12	m_e	mb	5.3
FLT1	46.90		P	22:49:16.179	-0.1	98.0		7.85		TAS		22.8	0.78	m_e	mb	5.4
GEC2	44.75		P	22:48:59.908		98.0		7.85		TAS		50.9	1.30	m_e	mb	5.3
GRA1	46.48		P	22:49:14.056		98.0		7.85		TAS		35.5	1.01	m_e	mb	5.3
GRA1	46.48		L	23:13:44.611						T__		2563.9	18.40	a_e	Ms	5.2
GTTG	47.55		P	22:49:22.336	-0.1	98.0		7.85		TAS		36.7	1.28	m_e	mb	5.4
IBBN	49.00		P	22:49:33.302	0.3	98.0		7.85		TAS		21.6	0.75	m_e	mb	5.3
MOX	46.38		P	22:49:12.869		98.0		7.85		TAS		22.4	0.79	m_e	mb	5.2
MOX	46.38		L	23:14:26.530						T__		1880.6	21.10	a_e	Ms	5.0
NEUB	46.37		P	22:49:12.958		98.0		7.85		TAS		19.8	0.85	m_e	mb	5.2
RETH	48.10		P	22:49:25.540	-0.5	98.0		7.85		TAS		9.6	1.07	m_e	mb	4.8
RUE	45.40		P	22:49:04.736	0.2	98.0		7.85		TAS		44.5	1.14	m_e	mb	5.3
UBR	46.99		P	22:49:17.602		98.0		7.85		TAS		70.6	1.64	m_e	mb	5.5

Event 813004 Unimak Island, Alaska, United States, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/13	06:40:09.59			54.5290	-164.4340				33.0			26		71.82	78.06	m i ke	BGR
	813010																

Magnitude	Err	Nsta	Author	OrigID
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mb 5.8 BGR 813010
 Ms 5.0 BGR 813010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	73.63		S	07:01:24.299		0.4		10.96		TAS				m_e	
ASSE	73.63		P	06:51:37.581	0.3	357.4		5.72		TAS		83.1	1.08	m_e mb	5.7
BFO	77.33		S	07:02:04.609		0.4		10.96		TAS				m_e	
BFO	77.33		P	06:51:58.596	-0.3	357.4		5.72		TAS		50.9	1.07	m_e mb	5.6
BRG	74.96		S	07:01:38.499		0.4		10.96		TAS				m_e	
BRG	74.96		P	06:51:45.270	0.1	357.4		5.72		TAS		51.2	1.04	m_e mb	5.5
BSEG	71.82		P	06:51:27.216	0.0	357.4		5.72		TAS		61.9	1.13	m_e mb	5.6
BUG	74.17		S	07:01:31.146		0.4		10.96		TAS				m_e	
BUG	74.17		P	06:51:40.506	0.0	357.4		5.72		TAS		157.0	1.13	m_e mb	5.9
BUG	74.17		S	07:01:33.277		0.4		10.96		TAS				m_e	
CLL	74.51		S	07:01:33.002		0.4		10.96		TAS				m_e	
CLL	74.51		P	06:51:42.429	0.2	357.4		5.72		TAS		63.6	0.99	m_e mb	5.6
CLZ	73.91		S	07:01:27.024		0.4		10.96		TAS				m_e	
CLZ	73.91		P	06:51:39.587	-0.1	357.4		5.72		TAS		137.2	1.06	m_e mb	5.9
FLT1	73.45		S	07:01:21.986		0.4		10.96		TAS				m_e	
FLT1	73.45		P	06:51:35.993	0.4	357.4		5.72		TAS		82.8	1.12	m_e mb	5.8
FUR	77.62		P	06:52:00.351		357.4		5.72		TAS		106.4	1.08	m_e mb	5.9
GEC2	76.99		S	07:02:00.460		0.4		10.96		TAS				m_e	
GEC2	76.99		P	06:51:56.841	-0.2	357.4		5.72		TAS		40.8	0.99	m_e mb	5.5
GOR1	72.79		P	06:51:32.900	0.1	357.4		5.72		TAS		190.8	1.56	m_e mb	6.0
GRA1	76.09		S	07:01:38.933		0.4		10.96		TAS				m_e	
GRA1	76.09		SS	07:07:24.659						T__				m_e	
GRA1	76.09		P	06:51:52.244	0.0	357.4		5.72		TAS		90.6	0.97	m_e mb	5.9
GRA1	76.09		L	07:31:01.808						T__		674.3	19.60	a_e Ms	5.0
GTTG	74.19		S	07:01:29.314		0.4		10.96		TAS				m_e	
GTTG	74.19		P	06:51:41.175	-0.2	357.4		5.72		TAS		167.9	0.99	m_e mb	6.0
IBBN	73.34		P	06:51:36.076	-0.1	357.4		5.72		TAS		181.5	1.14	m_e mb	6.1
KAST	74.47		S	07:01:34.811		0.4		10.96		TAS				m_e	
KAST	74.47		P	06:51:42.429	0.1	357.4		5.72		TAS		59.1	1.06	m_e mb	5.5
MOX	75.15		SS	07:07:04.554						T__				m_e	
MOX	75.15		P	06:51:46.441	0.1	357.4		5.72		TAS		93.9	1.08	m_e mb	5.7
MOX	75.15		L	07:29:07.471						T__		956.0	20.50	a_e Ms	5.1
NEUB	74.60		S	07:01:34.353		0.4		10.96		TAS				m_e	
NEUB	74.60		P	06:51:43.348	-1.6	357.4		5.72		TAS		141.8	0.99	m_e mb	6.0
PLN	75.32		S	07:01:41.681		0.4		10.96		TAS				m_e	
PLN	75.32		P	06:51:47.277	0.6	357.4		5.72		TAS		14.6	0.95	m_e mb	5.0
RETH	72.98		P	06:51:33.903	0.2	357.4		5.72		TAS		110.6	1.27	m_e mb	5.8
RUE	73.35		P	06:51:36.160	-0.6	357.4		5.72		TAS		99.4	0.85	m_e mb	6.0
STU	76.93		P	06:51:56.506	-0.1	357.4		5.72		TAS		172.6	0.95	m_e mb	6.2
TANN	75.40		S	07:01:42.139		0.4		10.96		TAS				m_e	
TANN	75.40		P	06:51:47.862	0.6	357.4		5.72		TAS		52.8	1.21	m_e mb	5.4
UBBA	74.92		S	07:01:35.293		0.4		10.96		TAS				m_e	
UBBA	74.92		P	06:51:43.348	0.0	357.4		5.72		TAS		89.3	1.59	m_e mb	5.5
UBR	78.06		P	06:52:02.692		357.4		5.72		TAS		60.7	1.07	m_e mb	5.7
WET	76.68		S	07:01:57.712		0.4		10.96		TAS				m_e	

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WET	76.68	P	06:51:55.336	0.0	357.4	5.72	TAS	62.1	1.26	m_e	mb	5.6
WLF	75.88	S	07:01:50.842		0.4	10.96	TAS			m_e		
WLF	75.88	P	06:51:50.906	0.3	357.4	5.72	TAS	121.1	1.10	m_e	mb	5.9

Event 813005 Tanzania

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/13	14:55:20.77			-5.2520	39.6440				33.0			16		58.44	63.21	m i ke	BGR
	813011																

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	813011
Ms	4.0		BGR	813011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	62.26		P	15:05:40.783	0.2	146.9		6.85		TAS		19.1	1.07	m_e	mb	5.2
BFO	60.00		P	15:05:25.486		146.9		6.85		TAS		12.6	1.07	m_e	mb	4.9
BRG	60.12		P	15:05:25.877	-0.2	146.9		6.85		TAS		41.2	1.38	m_e	mb	5.3
CLL	60.79		P	15:05:30.593	-0.2	146.9		6.85		TAS		9.1	0.86	m_e	mb	4.6
GEC2	58.44		P	15:05:14.908		146.9		6.85		TAS		26.3	0.96	m_e	mb	5.2
GOR1	62.78		P	15:05:44.697	-0.1	146.9		6.85		TAS			0.73	m_e		
GRA1	60.02		P	15:05:25.953		146.9		6.85		TAS		27.8	0.91	m_e	mb	5.3
KAST	62.28		P	15:05:41.332	0.2	146.9		6.85		TAS		16.8	0.97	m_e	mb	5.2
MOX	60.69		P	15:05:29.946		146.9		6.85		TAS		15.7	1.11	m_e	mb	4.8
MOX	60.69		L	15:33:43.634						T__		119.8	20.40	a_e	Ms	4.0
PLN	60.37		P	15:05:28.139		146.9		6.85		TAS			1.00	m_e		
RETH	63.21		P	15:05:47.241	0.3	146.9		6.85		TAS			1.20	m_e		
TANN	60.21		P	15:05:27.047		146.9		6.85		TAS		17.3	0.95	m_e	mb	5.1
UBBA	61.40		P	15:05:33.769		146.9		6.85		TAS		34.7	1.48	m_e	mb	5.0
UBR	58.77		P	15:05:16.614		146.9		6.85		TAS		18.4	1.03	m_e	mb	5.0
WET	58.98		P	15:05:18.191		146.9		6.85		TAS		13.7	1.03	m_e	mb	4.9
WLF	61.93		P	15:05:38.360		146.9		6.85		TAS		11.1	0.83	m_e	mb	5.1

Event 814003 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/14	09:19:44.55			40.2480	144.0900				33.0					81.30	81.30	m i ke	BGR
	814009																

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	814009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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GRA1 81.30 P 09:31:56.278 29.5 4.26 TAS 17.7 1.33 m_e mb 4.9

Event 814004 Xizang
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/14 12:58:57.60 32.5870 94.3330 33.0 61.75 61.75 m i ke BGR
 814010

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 814010

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 61.75 P 13:09:11.994 78.4 6.03 TAS 8.8 1.07 m_e mb 4.9

Event 814006 Crete, Greece
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/14 17:48:52.50 34.2400 25.7400 10.0 18.79 18.79 m i ke EMSC
 814038

Magnitude Err Nsta Author OrigID
mb 4.1 BGR 814012

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 18.79 P 17:53:10.909 139.8 12.16 TAS 14.5 1.24 m_e mb 4.1

Event 815002 Loyalty Islands
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/15 04:30:42.00 -20.9400 168.7100 10.0 146.20 146.20 m i ke NEIC
 815041

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 146.20 PKP 04:50:22.510 40.0 2.59 TAS m_e
GRA1 146.20 pPKP 04:50:35.798 T__ m_e

Event 815003 Tonga Islands
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/15 04:58:36.70 -15.2100 -173.3500 10.0 145.41 145.41 m i ke EMSC
 815035

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 145.41 PKP 05:18:14.143 7.8 3.06 TAS m_e

Event 815004 Easter Island region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/15 06:40:37.40 -22.6700 -112.3100 10.0 24 125.26 130.27 m i ke EMSC
 815036

Magnitude Err Nsta Author OrigID
 Ms 5.5 BGR 815010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	127.71		PKPdf	06:59:42.171	-0.1	254.6		1.99		TAS				m_e	
BFO	126.84		PKPdf	06:59:40.305	-0.5	254.6		1.99		TAS				m_e	
BRG	129.98		PKPdf	06:59:46.733		254.6		1.99		TAS				m_e	
BSEG	127.12		PKPdf	06:59:41.238	-0.5	254.6		1.99		TAS				m_e	
BUG	125.75		PKPdf	06:59:38.750	0.1	254.6		1.99		TAS				m_e	
CLL	129.31		PKPdf	06:59:44.970		254.6		1.99		TAS				m_e	
CLZ	127.59		PKPdf	06:59:42.586	0.1	254.6		1.99		TAS				m_e	
FLT1	128.01		PKPdf	06:59:42.482	0.3	254.6		1.99		TAS				m_e	
FUR	128.81		PKPdf	06:59:44.593	-0.3	254.6		1.99		TAS				m_e	
GEC2	130.27		PKPdf	06:59:46.940	0.1	254.6		1.99		TAS				m_e	
GOR1	127.91		PKPdf	06:59:43.104	-0.4	254.6		1.99		TAS				m_e	
GRA1	128.52		PKPdf	06:59:44.017	-0.2	254.6		1.99		TAS				m_e	
GRA1	128.52		PP	07:01:47.575		272.0		6.95		TAS				m_e	
GRA1	128.52		L	07:46:12.907						T__		1377.8	21.80	a_e Ms	5.6
GRFO	128.52		L	07:46:12.934						T__		1386.2	21.90	a_e Ms	5.6
GTTG	127.39		PKPdf	06:59:42.229	0.1	254.6		1.99		TAS				m_e	
IBBN	125.92		PKPdf	06:59:38.853	-0.1	254.6		1.99		TAS				m_e	
KAST	126.50		PKPdf	06:59:40.172	0.1	254.6		1.99		TAS				m_e	
MOX	128.59		PKPdf	06:59:44.141	0.1	254.6		1.99		TAS				m_e	
MOX	128.59		L	07:45:42.659						T__		920.9	21.80	a_e Ms	5.4
NEUB	128.57		PKPdf	06:59:44.037	-0.1	254.6		1.99		TAS				m_e	
PLN	128.96		PKPdf	06:59:44.659	0.1	254.6		1.99		TAS				m_e	
RETH	126.81		PKPdf	06:59:40.405	0.5	254.6		1.99		TAS				m_e	
STU	127.35		PKPdf	06:59:42.067	0.3	254.6		1.99		TAS				m_e	

TANN	129.16	PKPdf	06:59:45.178	-0.3	254.6	1.99	TAS	m_e
UBR	128.10	PKPdf	06:59:43.197	-0.1	254.6	1.99	TAS	m_e
WET	129.68	PKPdf	06:59:46.422	0.3	254.6	1.99	TAS	m_e
WLF	125.26	PKPdf	06:59:37.817	0.0	254.6	1.99	TAS	m_e

Event 815005 South of Aleutian Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/15	16:47:55.81			50.7490	-171.2420				33.0					79.92	79.92	m i ke	BGR
OrigID 815011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	815011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	79.92		P	16:59:59.769		0.3		4.82		TAS		8.6	1.31	m_e mb	4.5

Event 815007 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/15	20:57:51.80			-18.1400	-178.1800				514.0					147.63	147.63	m i ke	EMSC
OrigID 815039																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	147.63		PKP	21:16:38.984		16.9		2.06		TAS				m_e	

Event 815008 Southern Xinjiang, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/15	21:58:17.50			39.7500	74.1800				10.0					44.61	44.61	m i ke	EMSC
OrigID 815040																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	815014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	44.61		P	22:06:29.542		77.9		7.22		TAS		4.0	0.92	m_e mb	4.3

Event 815009 Easter Island region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/15 22:29:19.20 -22.9000 -112.5600 10.0 128.84 128.84 m i ke EMSC
 815041

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	128.84		PKP	22:48:27.277		280.3		2.44		TAS					m_e
GRA1	128.84		pPKP	22:49:31.436						T__					m_e

Event 815011 Easter Island region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/15 23:24:44.70 -22.7600 -112.2500 10.0 128.54 128.54 m i ke EMSC
 815043

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	128.54		PKP	23:43:52.533		280.1		2.14		TAS					m_e

Event 816002 Philippine Islands region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/16 02:53:06.90 20.3200 122.2900 23.0 87.51 87.51 m i ke EMSC
 816034

Magnitude Err Nsta Author OrigID

mb 4.5 BGR 816008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	87.51		P	03:05:59.481		61.2		4.55		TAS		2.1	0.80	m_e mb	4.5

Event 816003 Near coast of northern Chile
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author

OrigID
2020/08/16 03:18:49.40 -19.3100 -70.1700 73.0 99.10 99.10 m i ke EMSC
816035

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 99.10 Pdiff 03:32:33.692 T__ m_e

Event 816004 Mindanao, Philippine Islands
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2020/08/16 07:22:30.20 6.4900 123.4900 586.0 99.16 99.16 m i ke EMSC
816036

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 99.16 Pdiff 07:35:09.146 68.7 3.79 TAS m_e
GRA1 99.16 PP 07:39:25.271 76.3 5.70 TAS m_e

Event 816005 Central Mid-Atlantic Ridge
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2020/08/16 10:23:58.14 3.9660 -33.5330 33.0 59.18 59.18 m i ke BGR
816011

Magnitude Err Nsta Author OrigID
mb 4.3 BGR 816011

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 59.18 P 10:33:56.796 229.4 6.65 TAS 3.5 1.02 m_e mb 4.3

Event 816006 Tonga Islands
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2020/08/16 16:21:49.80 -20.7700 -173.7800 10.0 150.87 150.87 m i ke NEIC
816045

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	150.87		PKP	16:41:43.805		9.6		1.60		TAS				m_e	

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
816007 Xizang	2020/08/16	16:40:40.40			30.4000	94.8800				10.0					63.59	63.59	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	816013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	63.59		P	16:51:11.580		73.5		6.03		TAS		7.1	1.17	m_e mb	4.8

Event	Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
816009 Fox Islands, Aleutian Islands, United States	2020/08/16	20:05:55.30			51.5300	-171.5700				36.8	2.0		28		74.21	81.16	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	816015
Ms	4.9		BGR	816015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	76.70		S	20:27:28.092		1.4		11.21		TAS				m_e	
ASSE	76.70		P	20:17:42.967	0.1	1.8		5.61		TAS		96.6	1.54	a_e mb	5.6
BFO	80.52		P	20:18:04.117	-0.2	1.8		5.61		TAS		124.3	1.54	a_e mb	5.7
BFO	80.52		pP	20:18:14.836		2.4		5.61		TAS				m_e	
BRG	77.87		P	20:17:49.367	-0.1	1.8		5.61		TAS		84.9	1.29	a_e mb	5.7
BRG	77.87		pP	20:17:59.676		2.4		5.61		TAS				m_e	
BSEG	74.90		S	20:27:08.752		1.4		11.21		TAS				m_e	
BSEG	74.90		P	20:17:32.667	-0.1	1.8		5.61		TAS		40.9	1.31	a_e mb	5.4
BSEG	74.90		pP	20:17:43.161		2.4		5.61		TAS				m_e	
BUG	77.40		S	20:27:33.372		1.4		11.21		TAS				m_e	
BUG	77.40		P	20:17:46.517	-0.2	1.8		5.61		TAS		129.8	1.60	a_e mb	5.8
BUG	77.40		pP	20:17:56.974		2.4		5.61		TAS				m_e	
CLL	77.47		P	20:17:46.867	-0.3	1.8		5.61		TAS		58.6	1.30	a_e mb	5.5
CLL	77.47		pP	20:17:57.863		2.4		5.61		TAS				m_e	
CLZ	76.99		P	20:17:44.917	0.4	1.8		5.61		TAS		76.1	1.29	a_e mb	5.6
CLZ	76.99		pP	20:17:55.932		2.4		5.61		TAS				m_e	

FLT1	76.49	S	20:27:25.444		1.4	11.21	TAS										m_e	
FLT1	76.49	P	20:17:41.267	-0.4	1.8	5.61	TAS	59.6	1.33	a_e	mb							5.5
FUR	80.66	P	20:18:05.067	-0.0	1.8	5.61	TAS	188.9	1.47	a_e	mb							5.9
FUR	80.66	pP	20:18:15.944		2.4	5.61	TAS											m_e
GEC2	79.90	S	20:28:03.792		1.4	11.21	TAS											m_e
GEC2	79.90	P	20:18:00.767	-0.1	1.8	5.61	TAS	76.9	1.33	a_e	mb							5.7
GEC2	79.90	pP	20:18:11.064		2.4	5.61	TAS											m_e
GOR1	75.83	P	20:17:38.367	0.4	1.8	5.61	TAS	61.7	0.34	a_e	mb							6.1
GRA1	79.13	P	20:17:57.067	0.6	1.8	5.61	TAS	151.8	1.25	a_e	mb							6.0
GRA1	79.13	pP	20:18:07.377		2.4	5.61	TAS											m_e
GRA1	79.13	L	20:50:12.317				T__	524.5	21.50	a_e	Ms							4.8
GTTG	77.29	P	20:17:46.517	0.3	1.8	5.61	TAS	76.1	1.23	a_e	mb							5.7
HLG	74.66	P	20:17:31.367	-0.0	1.8	5.61	TAS	233.3	1.11	a_e	mb							6.2
IBBN	76.54	P	20:17:42.117	0.2	1.8	5.61	TAS	83.3	1.14	a_e	mb							5.7
KAST	77.64	S	20:27:40.152		1.4	11.21	TAS											m_e
KAST	77.64	P	20:17:48.317	0.2	1.8	5.61	TAS	66.8	1.53	m_e	mb							5.5
KAST	77.64	pP	20:17:59.215		2.4	5.61	TAS											m_e
MOX	78.17	S	20:27:43.706		1.4	11.21	TAS											m_e
MOX	78.17	P	20:17:51.217	0.1	1.8	5.61	TAS	72.5	1.34	a_e	mb							5.6
MOX	78.17	pP	20:18:01.216		2.4	5.61	TAS											m_e
MOX	78.17	L	20:44:39.867				T__	828.0	21.90	a_e	Ms							5.0
NEUB	77.61	P	20:17:48.017	0.0	1.8	5.61	TAS	98.9	1.24	a_e	mb							5.8
PLN	78.31	P	20:17:52.117	0.2	1.8	5.61	TAS	23.3	1.45	a_e	mb							5.1
RETH	76.10	P	20:17:39.567	0.0	1.8	5.61	TAS	111.8	1.61	a_e	mb							5.6
RGN	74.21	P	20:17:28.917	-0.0	1.8	5.61	TAS	95.4	1.07	a_e	mb							5.8
RUE	76.27	P	20:17:40.467	0.0	1.8	5.61	TAS	150.2	1.47	a_e	mb							5.8
STU	80.08	S	20:28:07.022		1.4	11.21	TAS											m_e
STU	80.08	P	20:18:01.667	-0.1	1.8	5.61	TAS	287.0	1.46	a_e	mb							6.1
TANN	78.38	P	20:17:52.567	0.3	1.8	5.61	TAS	121.8	1.64	a_e	mb							5.8
UBBA	78.02	P	20:17:48.717	-1.6	1.8	5.61	TAS	98.7	1.71	a_e	mb							5.7
UBR	81.16	P	20:18:07.767	-0.1	1.8	5.61	TAS	136.9	1.46	a_e	mb							5.7
WET	79.63	P	20:17:59.617	0.3	1.8	5.61	TAS	79.9	1.44	a_e	mb							5.6
WLF	79.17	P	20:17:57.067	0.5	1.8	5.61	TAS	143.6	1.69	a_e	mb							5.8

Event 816010 Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/16	21:13:25.80			-16.2800	178.0100				20.0					144.99	144.99	m i ke	EMSC
	816042																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	144.99		PKP	21:33:00.955		22.5		3.20		TAS					m_e

Event 817001 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/17	03:00:08.45			-17.2600	-170.7800				33.0				17	145.01	149.66	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	149.00		PKPbc	03:18:45.078		1.7		3.19		TAS					m_e
BRG	146.25		PKPbc	03:18:35.538	-0.3	1.7		3.19		TAS					m_e
BUG	145.86		PKPbc	03:18:35.305	0.5	1.7		3.19		TAS					m_e
CLL	145.90		PKPbc	03:18:34.425	-0.5	1.7		3.19		TAS					m_e
GEC2	148.29		PKPbc	03:18:42.053		1.7		3.19		TAS					m_e
GRA1	147.61		PKPbc	03:18:41.091		1.7		3.19		TAS					m_e
GTTG	145.79		PKPbc	03:18:35.538	-0.5	1.7		3.19		TAS					m_e
IBBN	145.01		PKPbc	03:18:30.885	0.1	1.7		3.19		TAS					m_e
KAST	146.13		PKPbc	03:18:35.526	1.0	1.7		3.19		TAS					m_e
MOX	146.64		PKPbc	03:18:37.167		1.7		3.19		TAS					m_e
NEUB	146.08		PKPbc	03:18:35.305	-0.4	1.7		3.19		TAS					m_e
PLN	146.77		PKPbc	03:18:38.330		1.7		3.19		TAS					m_e
TANN	146.82		PKPbc	03:18:38.097		1.7		3.19		TAS					m_e
UBBA	146.52		PKPbc	03:18:34.840	0.5	1.7		3.19		TAS					m_e
UBR	149.66		PKPbc	03:18:46.241		1.7		3.19		TAS					m_e
WET	148.06		PKPbc	03:18:41.122		1.7		3.19		TAS					m_e
WLF	147.58		PKPbc	03:18:39.726		1.7		3.19		TAS					m_e

Event 817002 Southern Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/17	07:27:04.00			36.9200	23.7100				83.0					15.64	15.64	m i ke	EMSC

Magnitude Err Nsta Author OrigID

mb 4.6 BGR 817008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	15.64		P	07:30:40.367		140.0		11.58		TAS		50.7	0.97	m_e mb	4.6

Event 817004 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2020/08/17 09:51:06.50 -19.4300 -177.6500 33.0 25 145.02 151.12 m i ke BGR
 817010

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	146.72		PKPbc	10:10:44.347	0.0	15.2		2.80		TAS				m_e	
BFO	150.77		PKPbc	10:10:55.347		15.2		2.80		TAS				m_e	
BFO	150.77		PKPab	10:11:02.122		11.3		4.36		TAS				m_e	
BRG	147.31		PKPbc	10:10:46.281	0.5	15.2		2.80		TAS				m_e	
BSEG	145.02		PKPbc	10:10:39.084	-0.3	15.2		2.80		TAS				m_e	
CLL	147.10		PKPbc	10:10:45.471	0.1	15.2		2.80		TAS				m_e	
CLZ	147.05		PKPbc	10:10:45.670	-0.0	15.2		2.80		TAS				m_e	
FLT1	146.44		PKPbc	10:10:43.087	-0.0	15.2		2.80		TAS				m_e	
FUR	150.44		PKPbc	10:10:54.634		15.2		2.80		TAS				m_e	
FUR	150.44		PKPab	10:11:01.271		11.3		4.36		TAS				m_e	
GEC2	149.26		PKPbc	10:10:51.629	-0.2	15.2		2.80		TAS				m_e	
GOR1	145.79		PKPbc	10:10:41.693	-0.1	15.2		2.80		TAS				m_e	
GRA1	148.98		PKPbc	10:10:50.959	0.5	15.2		2.80		TAS				m_e	
GRA1	148.98		PKPab	10:10:55.187		11.3		4.36		TAS				m_e	
GTTG	147.39		PKPbc	10:10:46.776	0.2	15.2		2.80		TAS				m_e	
HLG	145.05		PKPbc	10:10:39.579	-0.1	15.2		2.80		TAS				m_e	
IBBN	146.92		PKPbc	10:10:45.105	0.4	15.2		2.80		TAS				m_e	
KAST	147.94		PKPbc	10:10:47.900	0.2	15.2		2.80		TAS				m_e	
MOX	148.00		PKPbc	10:10:48.035	0.3	15.2		2.80		TAS				m_e	
MOX	148.00		PKPab	10:10:50.405		11.3		4.36		TAS				m_e	
NEUB	147.44		PKPbc	10:10:46.641	0.1	15.2		2.80		TAS				m_e	
PLN	148.04		PKPbc	10:10:48.350	0.2	15.2		2.80		TAS				m_e	
RETH	146.31		PKPbc	10:10:43.402	-0.5	15.2		2.80		TAS				m_e	
RUE	145.83		PKPbc	10:10:41.864	0.1	15.2		2.80		TAS				m_e	
STU	150.21		PKPbc	10:10:53.812	-0.4	15.2		2.80		TAS				m_e	
STU	150.21		PKPab	10:11:00.141		11.3		4.36		TAS				m_e	
TANN	148.05		PKPbc	10:10:48.485	-0.1	15.2		2.80		TAS				m_e	
UBR	151.12		PKPbc	10:10:56.301		15.2		2.80		TAS				m_e	
WET	149.17		PKPbc	10:10:51.287	-0.3	15.2		2.80		TAS				m_e	
WET	149.17		PKPab	10:10:56.366		11.3		4.36		TAS				m_e	
WLF	149.68		PKPbc	10:10:53.388	-0.4	15.2		2.80		TAS				m_e	

Event 817003 North Atlantic Ocean

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/17 09:52:06.41 10.5680 -47.2130 33.0 61.78 61.78 m i ke BGR
 817009

Magnitude Err Nsta Author

OrigID

./bul2008.txt Tue Feb 22 15:12:57 2022 42

mb 4.9 BGR 817009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	61.78		P	10:02:22.276		251.9		6.84		TAS		9.0	1.04	m_e mb	4.9

Event 817005 Xizang
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2020/08/17 11:23:42.78 33.3950 88.3030 33.0 57.45 57.45 m i ke BGR
817011

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	817011
Ms	4.1		BGR	817011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	57.45		P	11:33:27.557		82.4		6.15		TAS		15.7	1.03	m_e mb	5.0
GRA1	57.45		L	11:59:26.964						T__		145.2	20.50	a_e Ms	4.1

Event 817006 Southern Mid-Atlantic Ridge
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2020/08/17 11:45:38.70 -17.6900 -12.9600 10.0 70.42 71.39 m i ke EMSC
817038

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	817012
Ms	4.8		BGR	817012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	70.42		P	11:56:57.882		204.5		6.26		TAS		9.6	1.18	m_e mb	4.8
GRA1	70.42		L	12:25:59.839						T__		586.7	19.80	a_e Ms	4.8
MOX	71.39		L	12:26:04.642						T__		471.2	21.70	a_e Ms	4.7

Event 817007 Baja California, Mexico
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2020/08/17 15:30:32.80 31.5400 -115.6600 10.0 86.39 86.39 m i ke EMSC
817039

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	817013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	86.39		P	15:43:19.626		316.8		4.41		TAS		9.7	1.22	m_e	mb 4.8

Event	817008	Xizang																	
Date		Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
		OrigID																	
2020/08/17		16:31:53.33			30.6160	95.9160				33.0					64.08	64.08	m i ke	BGR	
		817014																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	817014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	64.08		P	16:42:23.316		78.2		5.95		TAS		9.2	1.02	m_e	mb 5.0

Event	818001	Samar, Philippine Islands																	
Date		Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
		OrigID																	
2020/08/18		00:03:48.40			12.0200	124.2000				10.0				27	92.00	98.14	m i ke	EMSC	
		818033																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.8		BGR	818007
MBB	7.0		BGR	818007
Ms	6.9		BGR	818007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	94.46		S	00:27:48.745		69.5		5.25		TAS				m_e	
ASSE	94.46		P	00:17:12.472	0.1	64.0		4.59		TAS		1004.6	2.11	a_e	MBB 7.1
BFO	97.51		S	00:28:02.103		69.5		5.25		TAS				m_e	
BFO	97.51		P	00:17:26.072	-0.4	64.0		4.59		TAS		755.6	2.34	a_e	MBB 7.0
BRG	93.13		S	00:27:40.707	1.2	69.5		5.25		TAS				m_e	
BRG	93.13		P	00:17:06.372	0.0	64.0		4.59		TAS		1268.0	2.26	a_e	MBB 7.0
BSEG	93.86		S	00:27:46.254	-0.5	69.5		5.25		TAS				m_e	
BSEG	93.86		P	00:17:09.572	0.0	64.0		4.59		TAS		365.0	1.80	a_e	MBB 6.7
BUG	96.66		S	00:28:00.292		69.5		5.25		TAS				m_e	
BUG	96.66		P	00:17:22.222	-0.2	64.0		4.59		TAS		543.1	1.78	a_e	MBB 7.0
CLL	93.50		S	00:27:42.179	-0.2	69.5		5.25		TAS				m_e	
CLL	93.50		P	00:17:07.672	-0.3	64.0		4.59		TAS		688.6	1.89	m_e	MBB 7.0
CLZ	94.76		S	00:27:51.122		69.5		5.25		TAS				m_e	

Magnitude Err Nsta Author OrigID
 mb 4.8 BGR 818008

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 91.34 P 02:16:29.053 41.4 4.98 TAS 4.9 0.99 m_e mb 4.8

Event 818003 Southwest Indian Ridge
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/18 04:40:33.00 -36.3500 52.1200 10.0 93.01 93.01 m i ke EMSC
 818035

Magnitude Err Nsta Author OrigID
 mb 5.2 BGR 818009

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 93.01 P 04:53:46.533 148.0 5.35 TAS 11.0 1.11 m_e mb 5.2

Event 818004 Guatemala
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/18 10:01:52.18 14.6760 -89.7950 33.0 85.91 85.91 m i ke BGR
 818010

Magnitude Err Nsta Author OrigID
 mb 4.8 BGR 818010

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 85.91 P 10:14:28.533 279.7 5.35 TAS 9.2 1.09 m_e mb 4.8

Event 818005 Alaska Peninsula, United States
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/18 18:28:33.25 55.1000 -159.0600 33.0 27 70.54 77.19 m i ke BGR
 818011

Magnitude Err Nsta Author OrigID
 mb 5.1 BGR 818011
 Ms 4.3 BGR 818011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	72.80		P	18:39:58.633	-0.1	354.4		5.86		TAS		12.7	1.19	a_e	mb 4.9
BFO	76.40		P	18:40:19.633	-0.1	354.4		5.86		TAS		10.0	1.27	a_e	mb 4.7
BRG	74.24		P	18:40:07.083	0.0	354.4		5.86		TAS		10.9	1.08	m_e	mb 4.9
BSEG	70.98		P	18:39:47.933	-0.1	354.4		5.86		TAS		5.2	0.82	a_e	mb 4.7
BUG	73.22		P	18:40:00.833	-0.3	354.4		5.86		TAS		15.3	0.64	a_e	mb 5.3
CLL	73.76		P	18:40:03.933	-0.4	354.4		5.86		TAS		6.7	0.69	a_e	mb 4.9
CLZ	73.07		P	18:40:00.683	0.4	354.4		5.86		TAS		26.8	1.26	a_e	mb 5.2
FLT1	72.64		P	18:39:57.183	-0.6	354.4		5.86		TAS		8.1	0.78	a_e	mb 4.9
FUR	76.79		P	18:40:21.983	-0.2	354.4		5.86		TAS		31.3	1.21	a_e	mb 5.3
GEC2	76.25		P	18:40:18.883	-0.2	354.4		5.86		TAS		6.6	0.74	a_e	mb 4.8
GOR1	71.98		P	18:39:54.183	0.3	354.4		5.86		TAS		14.9	1.15	a_e	mb 5.0
GRA1	75.26		P	18:40:13.433	0.4	354.4		5.86		TAS		12.6	1.01	a_e	mb 4.9
GRA1	75.26		L	19:15:27.990						T__		160.0	20.00	a_e	Ms 4.3
GTTG	73.33		P	18:40:02.083	0.2	354.4		5.86		TAS		14.9	0.76	a_e	mb 5.2
HLG	70.55		P	18:39:45.433	-0.1	354.4		5.86		TAS		81.9	1.00	a_e	mb 5.9
IBBN	72.40		P	18:39:56.433	0.1	354.4		5.86		TAS		31.6	1.18	a_e	mb 5.3
KAST	73.55		P	18:40:03.133	0.0	354.4		5.86		TAS		20.5	1.37	a_e	mb 5.1
MOX	74.34		P	18:40:07.733	-0.1	354.4		5.86		TAS		12.2	0.64	a_e	mb 5.2
MOX	74.34		L	19:12:06.513						T__		183.0	21.80	a_e	Ms 4.3
NEUB	73.80		P	18:40:04.433	-0.1	354.4		5.86		TAS		15.3	0.63	a_e	mb 5.3
PLN	74.53		P	18:40:08.783	0.2	354.4		5.86		TAS		2.2	0.78	a_e	mb 4.3
RETH	72.10		P	18:39:54.633	0.0	354.4		5.86		TAS		9.0	0.99	a_e	mb 4.9
RGN	70.54		P	18:39:45.483	0.1	354.4		5.86		TAS		49.6	0.83	a_e	mb 5.8
RUE	72.63		P	18:39:57.683	0.0	354.4		5.86		TAS		23.7	0.56	a_e	mb 5.5
STU	76.03		P	18:40:17.433	-0.2	354.4		5.86		TAS		51.9	1.24	a_e	mb 5.4
TANN	74.62		P	18:40:09.583	0.5	354.4		5.86		TAS		6.4	1.18	a_e	mb 4.5
UBR	77.19		P	18:40:24.283		354.4		5.86		TAS		13.1	1.31	a_e	mb 4.9
WET	75.91		P	18:40:17.283	-0.0	354.4		5.86		TAS		13.0	1.26	a_e	mb 4.8
WLF	74.87		P	18:40:11.233	0.3	354.4		5.86		TAS		20.8	1.19	a_e	mb 5.0

Event 818006 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/18	21:57:42.60			-22.3400	-178.9300				615.9	10.2		25		147.68	153.69	m i ke	BGR
	818012																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	149.35		PKPdf	22:16:18.637	0.0	16.3		1.59		TAS				m_e	
ASSE	149.35		PKPbc	22:16:22.912	-0.0	18.4		2.33		TAS		18.2	1.21	a_e	
ASSE	149.35		pPKPbc	22:18:42.294	0.2	25.4		2.73		TAS				m_e	
BFO	153.43		PKPbc	22:16:32.062		18.4		2.33		TAS		11.9	1.05	a_e	
BRG	149.80		PKPbc	22:16:24.162	0.2	18.4		2.33		TAS		37.3	1.34	m_e	

BRG	149.80	pPKPbc	22:18:44.046	0.2	25.4	2.73	TAS									m_e
BSEG	147.68	PKPbc	22:16:18.512	-0.3	18.4	2.33	TAS	18.4	0.85							a_e
BUG	150.56	PKPdf	22:16:20.770		16.3	1.59	TAS									m_e
BUG	150.56	PKPbc	22:16:25.512	0.1	18.4	2.33	TAS	13.1	0.71							a_e
CLL	149.63	PKPbc	22:16:23.512	0.1	18.4	2.33	TAS	38.6	1.15							a_e
CLL	149.63	pPKPbc	22:18:44.503	0.2	25.4	2.73	TAS									m_e
CLZ	149.68	PKPdf	22:16:19.775		16.3	1.59	TAS									m_e
CLZ	149.68	PKPbc	22:16:24.012	0.2	18.4	2.33	TAS	35.1	1.20							a_e
FLT1	149.05	PKPdf	22:16:17.926	0.0	16.3	1.59	TAS									m_e
FLT1	149.05	PKPbc	22:16:21.862	0.0	18.4	2.33	TAS	14.3	0.76							a_e
FLT1	149.05	pPKPbc	22:18:43.054	0.2	25.4	2.73	TAS									m_e
FUR	152.97	PKPbc	22:16:31.112		18.4	2.33	TAS	17.1	0.65							a_e
FUR	152.97	pPKPbc	22:18:53.710	0.2	25.4	2.73	TAS									m_e
GEC2	151.71	PKPbc	22:16:28.462	-0.2	18.4	2.33	TAS	15.9	1.01							a_e
GEC2	151.71	pPKPbc	22:18:48.836	0.2	25.4	2.73	TAS									m_e
GOR1	148.41	PKPbc	22:16:20.662	-0.3	18.4	2.33	TAS	15.4	0.91							a_e
GOR1	148.41	pPKPbc	22:18:41.321	0.2	25.4	2.73	TAS									m_e
GRA1	151.55	PKPdf	22:16:22.429		16.3	1.59	TAS									m_e
GRA1	151.55	PKPbc	22:16:28.262	0.3	18.4	2.33	TAS	11.1	0.84							a_e
GRA1	151.55	pPKPbc	22:18:48.407	0.2	25.4	2.73	TAS									m_e
GTTG	150.04	PKPbc	22:16:24.662	-0.3	18.4	2.33	TAS	24.2	0.94							a_e
IBBN	149.64	PKPdf	22:16:19.348	-0.2	16.3	1.59	TAS									m_e
IBBN	149.64	PKPbc	22:16:23.662	0.4	18.4	2.33	TAS	14.0	0.65							a_e
KAST	150.63	PKPbc	22:16:26.012	0.2	18.4	2.33	TAS	21.3	0.85							a_e
MOX	150.57	PKPbc	22:16:25.862	0.2	18.4	2.33	TAS	21.7	1.18							a_e
NEUB	150.02	PKPdf	22:16:20.201		16.3	1.59	TAS									m_e
NEUB	150.02	PKPbc	22:16:24.562	0.2	18.4	2.33	TAS	28.4	1.03							a_e
NEUB	150.02	pPKPbc	22:18:44.589	0.2	25.4	2.73	TAS									m_e
PLN	150.59	PKPbc	22:16:25.962	0.3	18.4	2.33	TAS	6.1	0.65							a_e
RETH	148.99	PKPbc	22:16:22.012	0.1	18.4	2.33	TAS	14.9	1.11							a_e
RETH	148.99	pPKPbc	22:18:43.232	0.2	25.4	2.73	TAS									m_e
RUE	148.37	PKPbc	22:16:20.312	-0.0	18.4	2.33	TAS	27.8	0.91							a_e
STU	152.84	PKPdf	22:16:24.182		16.3	1.59	TAS									m_e
STU	152.84	PKPbc	22:16:30.962	-0.4	18.4	2.33	TAS	47.0	0.91							a_e
TANN	150.59	PKPbc	22:16:26.012	0.1	18.4	2.33	TAS	12.1	0.64							a_e
TANN	150.59	pPKPbc	22:18:46.228	0.2	25.4	2.73	TAS									m_e
UBR	153.69	PKPbc	22:16:32.562		18.4	2.33	TAS	10.4	0.88							a_e
WET	151.66	PKPdf	22:16:22.760		16.3	1.59	TAS									m_e
WET	151.66	PKPbc	22:16:28.462	-0.0	18.4	2.33	TAS	5.4	0.85							a_e
WET	151.66	pPKPbc	22:18:49.309	0.2	25.4	2.73	TAS									m_e
WLF	152.44	PKPbc	22:16:30.562	-0.3	18.4	2.33	TAS	29.1	0.92							a_e

Event 818007 Southern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/18	22:23:58.70			-4.2900	101.1800				10.0				28	91.54	96.50	m i ke	EMSC

818039

Magnitude	Err	Nsta	Author	OrigID
mb	6.0		BGR	818013
MBB	6.6		BGR	818013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	93.67		P	22:37:12.480	-0.1	92.8		4.51		TAS		133.5	1.55	a_e	MBB 6.5
BFO	95.07		P	22:37:18.880	-0.1	92.8		4.51		TAS		72.1	1.75	a_e	MBB 6.5
BRG	91.55		P	22:37:03.230	0.2	92.8		4.51		TAS		157.8	1.48	a_e	MBB 6.7
BSEG	93.95		P	22:37:13.880	0.1	92.8		4.51		TAS		47.7	1.42	a_e	MBB 6.3
BUG	95.77		P	22:37:22.130	0.1	92.8		4.51		TAS		40.0	1.26	a_e	MBB 6.6
CLL	92.17		P	22:37:05.680	-0.2	92.8		4.51		TAS		67.7	1.24	m_e	MBB 6.5
CLZ	93.84		P	22:37:13.580	0.2	92.8		4.51		TAS		135.3	1.65	a_e	MBB 6.5
FLT1	93.33		P	22:37:10.580	-0.5	92.8		4.51		TAS		27.5	1.10	a_e	MBB 6.6
FUR	93.10		P	22:37:09.780	-0.3	92.8		4.51		TAS		65.0	1.27	a_e	MBB 6.7
GEC2	91.54		P	22:37:03.180	0.1	92.8		4.51		TAS		232.0	1.56	a_e	MBB 6.7
GOR1	93.32		P	22:37:10.930	-0.1	92.8		4.51		TAS		118.5	1.59	a_e	MBB 6.7
GRA1	93.21		P	22:37:11.080	0.5	92.8		4.51		TAS		135.5	1.38	a_e	MBB 6.7
GTTG	94.09		P	22:37:14.580	0.1	92.8		4.51		TAS		83.8	1.33	a_e	MBB 6.5
HLG	95.38		P	22:37:20.430	0.1	92.8		4.51		TAS		135.5	1.03	a_e	MBB 6.8
IBBN	95.46		P	22:37:20.780	0.1	92.8		4.51		TAS		84.9	1.45	a_e	MBB 6.6
KAST	95.05		P	22:37:19.080	0.2	92.8		4.51		TAS		68.4	1.43	a_e	MBB 6.6
MOX	93.01		P	22:37:09.880	0.2	92.8		4.51		TAS		72.0	1.38	a_e	MBB 6.7
NEUB	92.94		P	22:37:09.280	-0.0	92.8		4.51		TAS		238.2	1.62	a_e	MBB 6.7
PLN	92.65		P	22:37:08.280	0.2	92.8		4.51		TAS		37.4	1.71	a_e	MBB 6.2
RETH	94.49		P	22:37:16.280	0.0	92.8		4.51		TAS		57.4	1.47	a_e	MBB 6.5
RGN	92.22		P	22:37:06.130	0.1	92.8		4.51		TAS		205.9	1.34	a_e	MBB 6.8
RUE	91.78		P	22:37:04.080	0.0	92.8		4.51		TAS		411.7	1.53	a_e	MBB 6.9
STU	94.51		P	22:37:16.430	-0.0	92.8		4.51		TAS		221.0	1.43	a_e	MBB 7.0
TANN	92.46		P	22:37:07.430	0.3	92.8		4.51		TAS		61.7	1.47	a_e	MBB 6.6
UBR	93.86		P	22:37:13.530	-0.1	92.8		4.51		TAS		46.5	1.35	a_e	MBB 6.5
WET	92.10		P	22:37:05.730	0.2	92.8		4.51		TAS		148.3	1.49	a_e	MBB 6.6
WLF	96.50		P	22:37:25.880	0.5	92.8		4.51		TAS		44.0	1.42	a_e	MBB 6.7

Event 818008 Southern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/18	22:29:26.80			-4.1100	101.3700				39.0				26	91.53	96.49	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	818014
MBB	6.9		BGR	818014
Ms	7.1		BGR	818014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	93.64		S	22:53:42.928		93.0		8.35		TAS				m_e	
ASSE	93.64		P	22:42:36.912	-0.2	92.5		4.53		TAS		62.3	1.10	a_e	MBB 6.9
BFO	95.07		S	22:53:53.777		93.0		8.35		TAS				m_e	
BFO	95.07		P	22:42:43.512	-0.1	92.5		4.53		TAS		27.5	1.15	a_e	MBB 6.8
BRG	91.53		S	22:53:27.072	0.9	93.0		8.35		TAS				m_e	
BRG	91.53		P	22:42:27.662	0.1	92.5		4.53		TAS		99.4	1.23	m_e	MBB 7.0
BSEG	93.91		S	22:53:45.952		93.0		8.35		TAS				m_e	
BSEG	93.91		P	22:42:38.512	0.2	92.5		4.53		TAS		31.3	1.12	a_e	MBB 6.7
BUG	95.75		S	22:54:01.811		93.0		8.35		TAS				m_e	
BUG	95.75		P	22:42:46.712	0.1	92.5		4.53		TAS		37.1	1.24	a_e	MBB 7.0
CLL	92.15		S	22:53:30.593	-2.6	93.0		8.35		TAS				m_e	
CLL	92.15		P	22:42:30.212	-0.1	92.5		4.53		TAS		75.5	1.26	a_e	MBB 6.9
CLZ	93.82		S	22:53:45.451		93.0		8.35		TAS				m_e	
CLZ	93.82		P	22:42:38.112	0.2	92.5		4.53		TAS		69.0	1.21	a_e	MBB 6.9
FLT1	93.30		S	22:53:37.921		93.0		8.35		TAS				m_e	
FLT1	93.30		P	22:42:35.162	-0.4	92.5		4.53		TAS		44.0	1.14	a_e	MBB 7.0
FUR	93.09		S	22:53:37.605		93.0		8.35		TAS				m_e	
FUR	93.09		P	22:42:34.362	-0.3	92.5		4.53		TAS		100.1	1.40	a_e	MBB 6.9
GEC2	91.53		S	22:53:25.403	-0.1	93.0		8.35		TAS				m_e	
GEC2	91.53		P	22:42:27.662	0.1	92.5		4.53		TAS		161.4	1.34	a_e	MBB 7.0
GOR1	93.29		P	22:42:35.412	-0.1	92.5		4.53		TAS		69.9	1.26	a_e	MBB 7.1
GRA1	93.20		S	22:53:39.757		93.0		8.35		TAS				m_e	
GRA1	93.20		P	22:42:35.562	0.5	92.5		4.53		TAS		83.7	1.22	a_e	MBB 7.0
GRA1	93.20		L	23:34:09.032						T__		77098.9	20.10	a_e	Ms 7.2
GTTG	94.06		S	22:53:45.766		93.0		8.35		TAS				m_e	
GTTG	94.06		P	22:42:39.062	0.1	92.5		4.53		TAS		57.0	1.09	a_e	MBB 6.8
HLG	95.35		S	22:53:59.150		93.0		8.35		TAS				m_e	
HLG	95.35		P	22:42:45.062	0.2	92.5		4.53		TAS		63.5	0.77	a_e	MBB 7.0
IBBN	95.44		S	22:53:57.982		93.0		8.35		TAS				m_e	
IBBN	95.44		P	22:42:45.312	0.1	92.5		4.53		TAS		42.1	1.04	a_e	MBB 6.9
KAST	95.03		S	22:53:54.946		93.0		8.35		TAS				m_e	
KAST	95.03		P	22:42:43.612	0.2	92.5		4.53		TAS		61.7	1.24	a_e	MBB 6.9
MOX	92.99		S	22:53:38.756		93.0		8.35		TAS				m_e	
MOX	92.99		P	22:42:34.362	0.2	92.5		4.53		TAS		37.2	1.06	a_e	MBB 7.0
MOX	92.99		L	23:31:55.655						T__		69848.0	20.30	a_e	Ms 7.1
NEUB	92.92		S	22:53:36.770	0.9	93.0		8.35		TAS				m_e	
NEUB	92.92		P	22:42:33.712	-0.1	92.5		4.53		TAS		174.4	1.29	a_e	MBB 7.0
PLN	92.64		S	22:53:36.085	-1.2	93.0		8.35		TAS				m_e	
PLN	92.64		P	22:42:32.912	0.4	92.5		4.53		TAS		14.3	1.12	a_e	MBB 6.6
RETH	94.46		P	22:42:40.912	0.1	92.5		4.53		TAS		62.1	1.40	a_e	MBB 6.8
RGN	92.18		S	22:53:32.263	0.1	93.0		8.35		TAS				m_e	
RGN	92.18		P	22:42:30.512	0.0	92.5		4.53		TAS		140.6	1.24	a_e	MBB 7.1
RUE	91.76		S	22:53:26.253	1.9	93.0		8.35		TAS				m_e	
RUE	91.76		P	22:42:28.412	-0.1	92.5		4.53		TAS		216.9	1.22	a_e	MBB 7.1
STU	94.50		S	22:53:50.960		93.0		8.35		TAS				m_e	
STU	94.50		P	22:42:40.962	-0.0	92.5		4.53		TAS		181.9	1.26	a_e	MBB 7.2
TANN	92.44		S	22:53:35.100	-1.1	93.0		8.35		TAS				m_e	
TANN	92.44		P	22:42:32.012	0.4	92.5		4.53		TAS		55.7	1.34	a_e	MBB 6.9

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	73.05		P	19:10:08.505		14.4		5.25		TAS		8.5	1.31	m_e	mb 4.7

Event 819008 Alaska Peninsula, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/19	19:46:03.85			55.7600	-160.7180				59.8	3.1		27		69.95	76.64	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb 5.5			BGR	819014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	72.24		P	19:57:23.830	0.5	355.3		5.82		TAS		33.9	0.94	a_e	mb 5.5
ASSE	72.24		pP	19:57:40.239	0.4	356.0		5.82		TAS				m_e	
BFO	75.88		P	19:57:44.730	-0.0	355.3		5.82		TAS		15.7	0.90	a_e	mb 5.1
BRG	73.64		P	19:57:31.980	-1.8	355.3		5.82		TAS		39.2	0.95	a_e	mb 5.4
BRG	73.64		pP	19:57:48.304	0.4	356.0		5.82		TAS				m_e	
BSEG	70.42		P	19:57:13.180	0.2	355.3		5.82		TAS		25.4	0.84	a_e	mb 5.4
BSEG	70.42		pP	19:57:29.664	0.4	356.0		5.82		TAS				m_e	
BUG	72.70		P	19:57:26.280	-0.3	355.3		5.82		TAS		57.9	0.93	a_e	mb 5.7
BUG	72.70		pP	19:57:43.473	0.4	356.0		5.82		TAS				m_e	
CLL	73.17		P	19:57:28.930	0.1	355.3		5.82		TAS		41.3	0.89	m_e	mb 5.6
CLL	73.17		pP	19:57:45.172	0.4	356.0		5.82		TAS				m_e	
CLZ	72.51		P	19:57:25.880	0.4	355.3		5.82		TAS		53.6	0.97	a_e	mb 5.6
CLZ	72.51		pP	19:57:42.136	0.4	356.0		5.82		TAS				m_e	
FLT1	72.07		P	19:57:22.330	-0.0	355.3		5.82		TAS		39.2	0.88	a_e	mb 5.5
FLT1	72.07		pP	19:57:39.101	0.4	356.0		5.82		TAS				m_e	
FUR	76.23		P	19:57:47.080	-0.1	355.3		5.82		TAS		39.5	0.98	a_e	mb 5.5
FUR	76.23		pP	19:58:03.677	0.4	356.0		5.82		TAS				m_e	
GEC2	75.66		P	19:57:43.780	-0.1	355.3		5.82		TAS		29.2	0.94	a_e	mb 5.4
GEC2	75.66		pP	19:58:00.287	0.4	356.0		5.82		TAS				m_e	
GOR1	71.42		P	19:57:19.280	0.1	355.3		5.82		TAS		31.4	1.01	a_e	mb 5.4
GOR1	71.42		pP	19:57:36.007	0.4	356.0		5.82		TAS				m_e	
GRA1	74.70		P	19:57:38.530	0.4	355.3		5.82		TAS		40.0	0.93	m_e	mb 5.4
GTTG	72.78		P	19:57:27.380	-0.2	355.3		5.82		TAS		71.0	0.91	a_e	mb 5.8
GTTG	72.78		pP	19:57:43.596	0.4	356.0		5.82		TAS				m_e	
IBBN	71.88		P	19:57:21.880	-0.5	355.3		5.82		TAS		61.5	1.00	a_e	mb 5.7
IBBN	71.88		pP	19:57:38.351	0.4	356.0		5.82		TAS				m_e	
KAST	73.02		P	19:57:28.530	-0.0	355.3		5.82		TAS		29.2	0.96	a_e	mb 5.4
KAST	73.02		pP	19:57:44.800	0.4	356.0		5.82		TAS				m_e	
MOX	73.77		P	19:57:32.880	0.0	355.3		5.82		TAS		60.4	0.98	a_e	mb 5.6
MOX	73.77		pP	19:57:49.319	0.4	356.0		5.82		TAS				m_e	
NEUB	73.23		P	19:57:29.580	0.0	355.3		5.82		TAS		79.3	0.86	a_e	mb 5.9
NEUB	73.23		pP	19:57:45.917	0.4	356.0		5.82		TAS				m_e	

PLN	73.96	P	19:57:33.880	0.2	355.3	5.82	TAS	7.8	0.86	a_e mb	4.8
RETH	71.56	P	19:57:19.980	0.1	355.3	5.82	TAS	30.5	1.00	a_e mb	5.4
RETH	71.56	pP	19:57:36.456	0.4	356.0	5.82	TAS			m_e	
RGN	69.95	P	19:57:10.480	0.0	355.3	5.82	TAS	136.2	0.87	a_e mb	6.1
RGN	69.95	pP	19:57:27.141	0.4	356.0	5.82	TAS			m_e	
RUE	72.03	P	19:57:22.680	0.2	355.3	5.82	TAS	118.3	1.01	a_e mb	6.0
RUE	72.03	pP	19:57:39.580	0.4	356.0	5.82	TAS			m_e	
STU	75.50	P	19:57:42.680	-0.2	355.3	5.82	TAS	78.2	1.02	a_e mb	5.7
TANN	74.04	P	19:57:34.580	0.6	355.3	5.82	TAS	17.9	1.06	a_e mb	5.0
TANN	74.04	pP	19:57:50.908	0.4	356.0	5.82	TAS			m_e	
UBR	76.64	P	19:57:49.430		355.3	5.82	TAS	26.9	1.01	a_e mb	5.3
WET	75.33	P	19:57:42.230	0.0	355.3	5.82	TAS	30.0	1.12	a_e mb	5.2
WET	75.33	pP	19:57:58.421	0.4	356.0	5.82	TAS			m_e	
WLF	74.38	P	19:57:36.730	0.3	355.3	5.82	TAS	47.7	1.05	a_e mb	5.5
WLF	74.38	pP	19:57:53.190	0.4	356.0	5.82	TAS			m_e	

Event 819007 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/19	21:02:29.70			-19.7200	-177.7600				431.0					149.25	149.25	m i ke	EMSC
OrigID 819039																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	149.25		PKP	21:21:29.188		16.7		1.67		TAS					m_e

Event 820001 South of Panama

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/20	01:16:27.00			5.2100	-78.3100				10.0					85.76	85.96	m i ke	EMSC
OrigID 820033																	

Magnitude Err Nsta Author OrigID

mb	5.2		BGR	820007
Ms	4.3		BGR	820007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	85.76		P	01:29:06.710		265.8		5.68		TAS		26.7	1.49	m_e mb	5.2
GRA1	85.76		L	02:01:36.893						T__		142.9	21.80	a_e Ms	4.3
MOX	85.96		L	02:02:05.818						T__		138.1	21.70	a_e Ms	4.3

Event 820009 Alaska Peninsula, United States
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/20 16:35:09.40 54.2700 -162.8400 40.0 76.29 76.29 m i ke EMSC
 820041

Magnitude Err Nsta Author OrigID
 mb 4.9 BGR 820015

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 76.29 P 16:46:53.926 356.4 5.02 TAS 8.3 0.90 m_e mb 4.9

Event 820010 Hokkaido, Japan, region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/20 19:51:39.40 42.6600 145.4800 30.0 79.68 79.68 m i ke EMSC
 820042

Magnitude Err Nsta Author OrigID
 mb 4.4 BGR 820016

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 GRA1 79.68 P 20:03:44.122 32.5 4.79 TAS 4.1 0.82 m_e mb 4.4

Event 821002 Banda Sea
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/21 04:09:52.40 -6.6800 123.4900 643.0 15 107.06 111.58 m i ke EMSC
 821034

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
 BFO 111.58 PKiKP 04:27:14.753 78.7 1.73 T__ m_e
 BSEG 108.92 PKiKP 04:27:10.265 -0.4 78.7 1.73 T__ m_e
 BUG 111.40 PKiKP 04:27:14.925 -0.1 78.7 1.73 T__ m_e
 CLL 107.95 PKiKP 04:27:08.884 -0.1 78.7 1.73 T__ m_e
 CLZ 109.42 PKiKP 04:27:11.473 -0.2 78.7 1.73 T__ m_e
 FLT1 108.79 PKiKP 04:27:09.747 0.2 78.7 1.73 T__ m_e
 FUR 109.71 PKiKP 04:27:11.732 78.7 1.73 T__ m_e
 GEC2 107.99 PKiKP 04:27:08.453 78.7 1.73 T__ m_e

GOR1	108.59	PKiKP	04:27:09.488	0.1	78.7	1.73	T__	m_e
IBBN	110.86	PKiKP	04:27:13.803	0.2	78.7	1.73	T__	m_e
RETH	109.79	PKiKP	04:27:12.077	0.0	78.7	1.73	T__	m_e
RGN	107.06	PKiKP	04:27:07.935	0.6	78.7	1.73	T__	m_e
TANN	108.47	PKiKP	04:27:09.316		78.7	1.73	T__	m_e
UBR	110.58	PKiKP	04:27:13.113		78.7	1.73	T__	m_e
WET	108.47	PKiKP	04:27:09.488		78.7	1.73	T__	m_e

Event 822001 Ascension Island region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/22	08:38:11.83			-6.5510	-11.2170				33.0			16		57.19	61.28	m i ke	BGR
822007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	822007
Ms	5.3		BGR	822007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	57.29		P	08:47:58.167		206.1		6.90		TAS		42.8	1.13	m_e	mb 5.4
BRG	61.18		P	08:48:25.171	-0.2	206.1		6.90		TAS		10.0	0.89	m_e	mb 4.7
CLL	61.28		P	08:48:25.822	-0.5	206.1		6.90		TAS		21.3	1.32	m_e	mb 4.8
FUR	57.97		P	08:48:03.253		206.1		6.90		TAS		77.7	1.13	m_e	mb 5.6
GEC2	59.32		P	08:48:13.025		206.1		6.90		TAS		33.7	1.03	m_e	mb 5.3
GRA1	59.32		P	08:48:12.327		206.1		6.90		TAS		31.8	1.25	m_e	mb 5.2
GRA1	59.32		L	09:12:16.766						T__		2744.2	21.50	a_e	Ms 5.3
GTTG	60.66		P	08:48:22.099	0.1	206.1		6.90		TAS		38.5	1.08	m_e	mb 5.2
MOX	60.29		P	08:48:19.074		206.1		6.90		TAS		768.9	3.35	m_e	mb 6.2
MOX	60.29		L	09:16:20.801						T__		2206.6	19.20	a_e	Ms 5.3
NEUB	60.83		P	08:48:22.797	0.2	206.1		6.90		TAS		51.8	1.13	m_e	mb 5.3
PLN	60.30		P	08:48:19.098		206.1		6.90		TAS		8.2	0.89	m_e	mb 4.8
STU	57.92		P	08:48:02.322		206.1		6.90		TAS		57.1	1.03	m_e	mb 5.5
TANN	60.33		P	08:48:19.399		206.1		6.90		TAS		26.2	0.96	m_e	mb 5.2
UBR	57.19		P	08:47:57.855		206.1		6.90		TAS		70.9	1.06	m_e	mb 5.6
WET	59.33		P	08:48:12.652		206.1		6.90		TAS		22.1	0.97	m_e	mb 5.2

Event 822002 Ascension Island region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/22	10:21:46.42			-6.1710	-12.4600				33.0			15		57.20	62.29	m i ke	BGR
822008																	

Magnitude	Err	Nsta	Author	OrigID
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mb	5.4	BGR	822008
Ms	4.8	BGR	822008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	57.26		P	10:31:32.839		207.6		6.90		TAS		38.6	1.20	m_e mb	5.3
BRG	61.21		P	10:31:59.776		207.6		6.90		TAS		20.1	1.05	m_e mb	4.9
FLT1	61.68		P	10:32:03.116	-0.1	207.6		6.90		TAS		42.7	1.29	m_e mb	5.5
FUR	57.99		P	10:31:38.160		207.6		6.90		TAS		90.0	1.11	m_e mb	5.7
GEC2	59.38		P	10:31:47.693		207.6		6.90		TAS		35.9	1.00	m_e mb	5.4
GOR1	62.29		P	10:32:07.616	0.1	207.6		6.90		TAS		60.9	1.07	m_e mb	5.8
GRA1	59.33		P	10:31:46.917		207.6		6.90		TAS		22.5	0.93	m_e mb	5.2
GRA1	59.33		L	10:55:44.680						T__		708.2	21.90	a_e Ms	4.8
GTTG	60.62		P	10:31:56.560	0.4	207.6		6.90		TAS				m_e	
MOX	60.29		P	10:31:53.679		207.6		6.90		TAS		34.1	1.03	m_e mb	5.3
MOX	60.29		L	10:59:41.003						T__		632.6	18.60	a_e Ms	4.8
NEUB	60.82		P	10:31:57.559	-0.0	207.6		6.90		TAS		47.1	0.91	m_e mb	5.3
PLN	60.31		P	10:31:53.457		207.6		6.90		TAS		10.3	0.98	m_e mb	4.8
STU	57.91		P	10:31:36.941		207.6		6.90		TAS		41.9	0.86	m_e mb	5.5
TANN	60.34		P	10:31:54.012		207.6		6.90		TAS		41.1	0.98	m_e mb	5.4
UBR	57.20		P	10:31:32.386		207.6		6.90		TAS		72.6	1.11	m_e mb	5.6
WET	59.36		P	10:31:47.361		207.6		6.90		TAS		38.0	1.02	m_e mb	5.4

Event 823001 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/23	01:49:09.08			53.2620	-169.2670				33.0			22		73.17	79.43	m i ke	BGR
	823007																

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	823007
Ms	4.2		BGR	823007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	74.98		P	02:00:44.942	-0.2	0.3		5.62		TAS		13.8	1.02	m_e mb	4.9
BFO	78.76		P	02:01:06.190		0.3		5.62		TAS		24.1	1.23	m_e mb	5.1
BRG	76.20		P	02:00:51.774	-0.1	0.3		5.62		TAS		23.7	1.25	m_e mb	5.2
BSEG	73.17		P	02:00:34.836	0.1	0.3		5.62		TAS		11.9	0.94	m_e mb	5.0
BUG	75.63		P	02:00:48.447	-0.1	0.3		5.62		TAS		22.8	1.35	m_e mb	5.1
CLL	75.79		P	02:00:49.331	-0.1	0.3		5.62		TAS		10.8	0.90	m_e mb	5.0
CLZ	75.27		P	02:00:46.768	-0.2	0.3		5.62		TAS		28.5	1.11	a_e mb	5.2
FLT1	74.78		P	02:00:43.530	0.5	0.3		5.62		TAS		11.1	0.99	m_e mb	4.8
FUR	78.95		P	02:01:07.325		0.3		5.62		TAS		30.8	1.23	m_e mb	5.2
GEC2	78.24		P	02:01:03.372	-0.2	0.3		5.62		TAS		18.0	1.20	m_e mb	5.1
GRA1	77.42		P	02:00:59.281	-0.1	0.3		5.62		TAS		50.3	1.31	m_e mb	5.5
GRA1	77.42		L	02:41:03.208						T__		112.2	19.70	a_e Ms	4.2
GTTG	75.56		P	02:00:48.808	-0.2	0.3		5.62		TAS		24.8	0.96	m_e mb	5.3

IBBN	74.77	P	02:00:44.147	0.1	0.3	5.62	TAS	41.0	1.05	m_e	mb	5.4
KAST	75.89	P	02:00:49.968	0.2	0.3	5.62	TAS	14.4	1.27	a_e	mb	5.0
MOX	76.47	P	02:00:53.553	0.5	0.3	5.62	TAS	15.2	1.00	m_e	mb	5.1
MOX	76.47	L	02:37:25.362				T__	108.2	19.60	a_e	Ms	4.2
NEUB	75.91	P	02:00:50.227	-0.0	0.3	5.62	TAS	25.0	1.04	m_e	mb	5.3
PLN	76.62	P	02:00:54.240	0.1	0.3	5.62	TAS	3.6	1.17	m_e	mb	4.4
RETH	74.37	P	02:00:41.381	-0.4	0.3	5.62	TAS	24.2	1.27	m_e	mb	5.1
RUE	74.60	P	02:00:43.023	-0.1	0.3	5.62	TAS	25.2	1.02	m_e	mb	5.2
STU	78.34	P	02:01:03.907		0.3	5.62	TAS	52.0	1.22	m_e	mb	5.5
TANN	76.69	P	02:00:54.568	0.0	0.3	5.62	TAS	9.6	1.28	m_e	mb	4.8
UBR	79.43	P	02:01:09.894		0.3	5.62	TAS	20.9	1.20	m_e	mb	5.0

Event 824001 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/24	00:45:09.20			-28.8600	-176.3500				10.0			20		155.24	160.23	m i ke	EMSC
	824033																

Magnitude	Err	Nsta	Author	OrigID
Ms	5.0		BGR	824007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	156.17		PKPab	01:05:34.504	-0.2	18.3		4.31		TAS				m_e		
BFO	160.23		PKPab	01:05:51.886		18.3		4.31		TAS				m_e		
BRG	156.68		PKPab	01:05:36.563	-0.0	18.3		4.31		TAS				m_e		
BUG	157.28		PKPab	01:05:39.307	-0.2	18.3		4.31		TAS				m_e		
CLL	156.50		PKPab	01:05:35.648	0.1	18.3		4.31		TAS				m_e		
CLZ	156.50		PKPab	01:05:36.105	0.1	18.3		4.31		TAS				m_e		
FLT1	155.88		PKPab	01:05:32.903	-0.5	18.3		4.31		TAS				m_e		
FUR	159.84		PKPab	01:05:50.399		18.3		4.31		TAS				m_e		
GEC2	158.60		PKPab	01:05:44.796		18.3		4.31		TAS				m_e		
GOR1	155.24		PKPab	01:05:30.616	-0.3	18.3		4.31		TAS				m_e		
GRA1	158.41		PKPab	01:05:44.453	0.1	18.3		4.31		TAS				m_e		
GRA1	158.41		L	02:20:34.642						T__		221.6	21.70	a_e	Ms	5.0
GTTG	156.85		PKPab	01:05:37.592	-0.0	18.3		4.31		TAS				m_e		
IBBN	156.38		PKPab	01:05:35.762	0.2	18.3		4.31		TAS				m_e		
KAST	157.40		PKPab	01:05:40.108	0.1	18.3		4.31		TAS				m_e		
MOX	157.42		PKPab	01:05:39.879	0.4	18.3		4.31		TAS				m_e		
MOX	157.42		L	02:17:39.332						T__		210.6	21.50	a_e	Ms	4.9
NEUB	156.87		PKPab	01:05:37.363	0.1	18.3		4.31		TAS				m_e		
PLN	157.46		PKPab	01:05:40.108	-0.5	18.3		4.31		TAS				m_e		
STU	159.66		PKPab	01:05:49.599		18.3		4.31		TAS				m_e		
TANN	157.46		PKPab	01:05:40.108	0.1	18.3		4.31		TAS				m_e		
WLF	159.13		PKPab	01:05:47.998	-0.1	18.3		4.31		TAS				m_e		

Event 824004 Lake Tanganyika region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/24	14:13:13.91			-3.5280	30.1670				33.0				9	54.09	60.44	m i ke	BGR
OrigID 824010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	824010
Ms	4.0		BGR	824010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	55.06		P	14:22:44.488		156.9		7.18		TAS		17.8	1.32	m_e mb	4.9
GEC2	54.09		P	14:22:37.965		156.9		7.18		TAS		33.5	1.67	m_e mb	5.1
GOR1	58.51		P	14:23:09.838	0.5	156.9		7.18		TAS		64.6	1.41	m_e mb	5.5
GRA1	55.48		L	14:46:02.405						T__		107.9	18.30	a_e Ms	4.0
GTTG	57.51		P	14:23:02.979		156.9		7.18		TAS		45.6	1.27	m_e mb	5.3
HLG	60.44		P	14:23:22.843	0.1	156.9		7.18		TAS		153.5	1.07	m_e mb	6.0
KAST	57.61		P	14:23:03.544		156.9		7.18		TAS		20.4	1.31	m_e mb	5.0
MOX	56.27		P	14:22:53.027		156.9		7.18		TAS		17.5	1.45	m_e mb	4.9
MOX	56.27		L	14:46:31.734						T__		141.1	18.80	a_e Ms	4.1
RETH	58.75		P	14:23:11.989	0.4	156.9		7.18		TAS		52.1	1.31	m_e mb	5.4
TANN	55.85		P	14:22:50.607		156.9		7.18		TAS		24.4	1.44	m_e mb	5.0

Event 824005 Costa Rica

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/24	21:51:15.91			9.8940	-83.1110				35.2	0.7			22	82.07	87.08	m i ke	BGR
OrigID 824011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	824011
Ms	6.0		BGR	824011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	84.59		P	22:03:45.735	-0.3	279.7		4.99		TAS		85.5	1.44	m_e mb	5.8
ASSE	84.59		pP	22:03:56.167		279.6		4.99		TAS				m_e	
BFO	83.65		P	22:03:40.912		279.7		4.99		TAS		34.3	1.17	m_e mb	5.5
BFO	83.65		pP	22:03:50.962		279.6		4.99		TAS				m_e	
BRG	86.82		P	22:03:56.520	0.1	279.7		4.99		TAS		45.6	1.25	m_e mb	5.5
BRG	86.82		pP	22:04:06.965		279.6		4.99		TAS				m_e	
BSEG	84.10		P	22:03:43.035	0.1	279.7		4.99		TAS		39.9	1.44	m_e mb	5.4
BUG	82.59		P	22:03:35.423	0.2	279.7		4.99		TAS		39.6	1.09	m_e mb	5.6
BUG	82.59		pP	22:03:45.448		279.6		4.99		TAS				m_e	
CLL	86.16		P	22:03:53.705	-0.3	279.7		4.99		TAS		283.7	2.20	m_e mb	6.0

CLZ	84.45	P	22:03:45.567	0.2	279.7	4.99	TAS	54.2	1.11	m_e	mb	5.7
FLT1	84.90	P	22:03:47.096	0.2	279.7	4.99	TAS	43.0	1.10	m_e	mb	5.6
FLT1	84.90	pP	22:03:57.341		279.6	4.99	TAS			m_e		
GEC2	87.08	P	22:03:57.963	0.2	279.7	4.99	TAS	57.3	1.38	m_e	mb	5.5
GOR1	84.83	P	22:03:46.729	-0.0	279.7	4.99	TAS	213.5	2.09	m_e	mb	6.0
GOR1	84.83	pP	22:03:56.874		279.6	4.99	TAS			m_e		
GRA1	85.33	P	22:03:49.616	-0.1	279.7	4.99	TAS	52.3	1.12	m_e	mb	5.7
GRA1	85.33	L	22:37:21.233		279.6	4.99	TAS	7890.4	21.20	a_e	Ms	6.1
GTTG	84.24	P	22:03:44.133	0.0	279.7	4.99	TAS	66.2	1.30	m_e	mb	5.7
IBBN	82.79	P	22:03:36.664	0.6	279.7	4.99	TAS	63.9	1.15	m_e	mb	5.7
KAST	83.33	P	22:03:39.427	-0.1	279.7	4.99	TAS	30.2	1.16	m_e	mb	5.4
MOX	85.41	P	22:03:49.782	0.0	279.7	4.99	TAS	46.7	1.23	m_e	mb	5.6
MOX	85.41	L	22:43:34.104		279.6	4.99	TAS	4371.4	19.40	a_e	Ms	5.9
NEUB	85.42	P	22:03:50.063	-0.2	279.7	4.99	TAS	48.4	1.09	m_e	mb	5.7
PLN	85.78	P	22:03:51.524	0.2	279.7	4.99	TAS	19.5	1.08	m_e	mb	5.2
RETH	83.70	P	22:03:41.370	-0.1	279.7	4.99	TAS	56.1	1.13	m_e	mb	5.7
RETH	83.70	pP	22:03:51.530		279.6	4.99	TAS			m_e		
STU	84.16	P	22:03:43.416		279.7	4.99	TAS	129.8	1.12	m_e	mb	6.1
STU	84.16	pP	22:03:53.712		279.6	4.99	TAS			m_e		
TANN	85.99	P	22:03:52.836	-0.2	279.7	4.99	TAS	56.9	1.11	m_e	mb	5.6
UBR	84.93	P	22:03:47.589		279.7	4.99	TAS	72.6	1.23	m_e	mb	5.8
WLF	82.07	P	22:03:33.162	-0.2	279.7	4.99	TAS	58.0	1.08	m_e	mb	5.6
WLF	82.07	pP	22:03:43.517		279.6	4.99	TAS			m_e		

Event 824006 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/24	22:49:58.29			-22.3470	-174.7360				33.0			22		148.23	154.43	m i ke	BGR
	824012																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	149.98		PKPbc	23:09:45.021	0.0	11.9		2.35		TAS				m_e	
BFO	153.96		PKPbc	23:09:54.186	-0.4	11.9		2.35		TAS				m_e	
BRG	150.73		PKPbc	23:09:46.965	0.2	11.9		2.35		TAS				m_e	
BSEG	148.23		PKPbc	23:09:40.647	-0.3	11.9		2.35		TAS				m_e	
CLL	150.47		PKPbc	23:09:46.182	0.2	11.9		2.35		TAS				m_e	
CLZ	150.29		PKPbc	23:09:46.014	0.3	11.9		2.35		TAS				m_e	
FLT1	149.72		PKPbc	23:09:44.094	-0.3	11.9		2.35		TAS				m_e	
FUR	153.79		PKPbc	23:09:53.782		11.9		2.35		TAS				m_e	
GEC2	152.72		PKPbc	23:09:51.378	-0.2	11.9		2.35		TAS				m_e	
GOR1	149.06		PKPbc	23:09:42.954	0.1	11.9		2.35		TAS				m_e	
GRA1	152.31		PKPbc	23:09:50.822	0.1	11.9		2.35		TAS				m_e	
IBBN	150.03		PKPbc	23:09:45.351	-0.0	11.9		2.35		TAS				m_e	
KAST	151.09		PKPbc	23:09:47.828	0.1	11.9		2.35		TAS				m_e	

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MOX	151.32	PKPbc	23:09:48.214	0.1	11.9	2.35	TAS	m_e
NEUB	150.76	PKPbc	23:09:47.053	0.1	11.9	2.35	TAS	m_e
PLN	151.40	PKPbc	23:09:48.539	0.3	11.9	2.35	TAS	m_e
RETH	149.50	PKPbc	23:09:43.627	-0.3	11.9	2.35	TAS	m_e
RUE	149.22	PKPbc	23:09:43.098	-0.1	11.9	2.35	TAS	m_e
STU	153.45	PKPbc	23:09:53.266	-0.2	11.9	2.35	TAS	m_e
TANN	151.42	PKPbc	23:09:48.519	0.4	11.9	2.35	TAS	m_e
UBR	154.43	PKPbc	23:09:55.039		11.9	2.35	TAS	m_e
WLF	152.73	PKPbc	23:09:52.186	-0.2	11.9	2.35	TAS	m_e

Event 825001 Ecuador

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/25	05:18:26.92			-1.3200	-78.8800				33.0			14		87.77	92.80	m i ke	BGR
OrigID 825007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	825007
Ms	5.0		BGR	825007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	90.76		P	05:31:27.135	0.2	269.2		4.65		TAS		42.6	1.25	m_e	mb 5.6
BRG	92.80		P	05:31:36.496	-0.1	269.2		4.65		TAS		27.5	1.24	m_e	mb 5.5
CLL	92.20		P	05:31:33.640	-0.1	269.2		4.65		TAS		63.7	1.61	m_e	mb 5.7
CLZ	90.56		P	05:31:26.279	0.0	269.2		4.65		TAS		33.1	1.06	m_e	mb 5.6
FLT1	91.11		P	05:31:28.382	-0.5	269.2		4.65		TAS		23.7	1.02	m_e	mb 5.5
GOR1	91.16		P	05:31:28.709	0.3	269.2		4.65		TAS		139.2	1.76	m_e	mb 6.0
GRA1	91.06		L	06:11:38.699						T__		426.2	21.00	a_e	Ms 4.9
IBBN	88.97		P	05:31:18.653		269.2		4.65		TAS		88.1	1.60	m_e	mb 5.7
KAST	89.32		P	05:31:19.805		269.2		4.65		TAS		34.8	1.39	m_e	mb 5.4
MOX	91.33		P	05:31:29.587		269.2		4.65		TAS		36.2	1.45	m_e	mb 5.5
MOX	91.33		L	06:11:22.700						T__		777.3	20.20	a_e	Ms 5.1
PLN	91.67		P	05:31:31.029		269.2		4.65		TAS		12.3	1.25	m_e	mb 5.1
RETH	89.97		P	05:31:23.666		269.2		4.65		TAS		96.7	1.54	m_e	mb 5.8
TANN	91.87		P	05:31:32.380		269.2		4.65		TAS		32.1	1.20	m_e	mb 5.5
UBR	90.28		P	05:31:24.789		269.2		4.65		TAS		36.2	1.29	m_e	mb 5.5
WLF	87.77		P	05:31:13.152		269.2		4.65		TAS		67.0	1.33	m_e	mb 5.8

Event 827005 India-Bangladesh border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/27	12:07:24.04			23.9820	92.9490				33.0			10		64.96	70.10	m i ke	BGR
OrigID 827011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	827011
Ms	5.3		BGR	827011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	64.96		P	12:18:00.303		79.8		6.38		TAS		12.3	0.87	m_e	mb 5.2
CLL	65.49		P	12:18:03.198		79.8		6.38		TAS		17.5	1.31	m_e	mb 5.1
CLZ	67.03		P	12:18:13.626	-0.2	79.8		6.38		TAS		24.1	0.90	m_e	mb 5.4
FLT1	66.42		P	12:18:08.947	0.0	79.8		6.38		TAS		14.5	1.14	m_e	mb 5.1
GEC2	65.41		P	12:18:03.050		79.8		6.38		TAS		14.5	0.70	m_e	mb 5.3
GRA1	66.87		L	12:51:15.443						T__		2100.1	20.50	a_e	Ms 5.3
IBBN	68.53		P	12:18:22.702	0.1	79.8		6.38		TAS		27.7	1.10	m_e	mb 5.4
MOX	66.46		L	12:50:47.683						T__		2200.9	21.50	a_e	Ms 5.3
PLN	66.14		P	12:18:07.695		79.8		6.38		TAS		4.0	0.94	m_e	mb 4.6
STU	68.35		P	12:18:21.573		79.8		6.38		TAS		40.0	0.76	m_e	mb 5.7
TANN	65.96		P	12:18:06.595		79.8		6.38		TAS		10.9	0.95	m_e	mb 5.1
WLF	70.10		P	12:18:32.925		79.8		6.38		TAS		54.6	1.11	m_e	mb 5.6

Event 827009 Easter Island region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/27	21:39:41.50			-22.7600	-112.2100				10.0			16		126.50	130.27	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
Ms	4.6		BGR	827015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	127.72		PKPdf	21:58:46.914	0.1	280.1		1.87		TAS				m_e	
BRG	129.99		PKPdf	21:58:51.409	-0.3	280.1		1.87		TAS				m_e	
BSEG	127.13		PKPdf	21:58:45.586	-0.6	280.1		1.87		TAS				m_e	
CLL	129.31		PKPdf	21:58:49.877	0.4	280.1		1.87		TAS				m_e	
CLZ	127.59		PKPdf	21:58:47.088	-0.1	280.1		1.87		TAS				m_e	
FLT1	128.02		PKPdf	21:58:46.914	-0.0	280.1		1.87		TAS				m_e	
GEC2	130.27		PKPdf	21:58:52.022		280.1		1.87		TAS				m_e	
GRA1	128.52		PKPdf	21:58:49.162		280.1		1.87		TAS				m_e	
GRA1	128.52		L	22:45:15.388						T__		160.8	22.00	a_e	Ms 4.7
KAST	126.50		PKPdf	21:58:44.871	-0.1	280.1		1.87		TAS				m_e	
MOX	128.59		PKPdf	21:58:48.651		280.1		1.87		TAS				m_e	
MOX	128.59		L	22:46:52.146						T__		111.3	21.50	a_e	Ms 4.5
NEUB	128.58		PKPdf	21:58:48.651	-0.1	280.1		1.87		TAS				m_e	
PLN	128.96		PKPdf	21:58:49.570		280.1		1.87		TAS				m_e	
RETH	126.81		PKPdf	21:58:45.586	0.3	280.1		1.87		TAS				m_e	
STU	127.35		PKPdf	21:58:46.608		280.1		1.87		TAS				m_e	
TANN	129.17		PKPdf	21:58:49.979		280.1		1.87		TAS				m_e	

UBR 128.10 PKPdf 21:58:48.038 280.1 1.87 TAS m_e

Event 828001 Fiji Islands region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2020/08/28 01:57:22.70 -15.0200 -179.0300 407.0 144.42 144.42 m i ke NEIC
828006

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 144.42 PKPbc 02:16:10.913 17.2 2.80 TAS m_e

Event 828003 East of North Island, New Zealand

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2020/08/28 15:47:06.00 -36.9200 -177.1900 10.0 17 162.21 167.90 m i ke NEIC
828008

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
BFO 167.90 PKPab 16:08:17.215 28.7 4.50 TAS m_e
BRG 163.94 PKPab 16:07:58.388 -0.4 28.7 4.50 TAS m_e
BSEG 162.21 PKPab 16:07:53.983 -0.3 28.7 4.50 TAS m_e
CLL 163.89 PKPab 16:07:58.388 -0.0 28.7 4.50 TAS m_e
CLZ 164.15 PKPab 16:08:01.769 -0.3 28.7 4.50 TAS m_e
FLT1 163.49 PKPab 16:07:57.773 -0.1 28.7 4.50 TAS m_e
FUR 167.16 PKPab 16:08:13.526 28.7 4.50 TAS m_e
GRA1 165.85 PKPab 16:08:07.917 28.7 4.50 TAS m_e
GTTG 164.52 PKPab 16:08:03.115 0.0 28.7 4.50 TAS m_e
IBBN 164.22 PKPab 16:08:03.383 -0.4 28.7 4.50 TAS m_e
KAST 165.17 PKPab 16:08:06.674 0.3 28.7 4.50 TAS m_e
MOX 164.90 PKPab 16:08:03.536 28.7 4.50 TAS m_e
NEUB 164.36 PKPab 16:08:01.479 0.1 28.7 4.50 TAS m_e
PLN 164.87 PKPab 16:08:02.998 28.7 4.50 TAS m_e
RETH 163.53 PKPab 16:07:59.735 0.5 28.7 4.50 TAS m_e
STU 167.27 PKPab 16:08:14.602 28.7 4.50 TAS m_e
TANN 164.83 PKPab 16:08:02.845 28.7 4.50 TAS m_e

Event 829001 Greece-Albania border region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/29 00:18:25.43 1.11 0.66 39.4470 20.8880 34.5 15.6 59 10.0 15 344 8.45 12.96 m i ke BGR
 829007

Magnitude Err Nsta Author OrigID
 ML 4.3 BGR 829007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	8.72		Pn	00:20:29.803	-0.6					T__				m_e	ML 4.3
BE1			Pn	00:21:02.313	1.6					T__				m_e	
BFO	12.67		Pn	00:21:23.673	0.0					T__				m_e	
FUR	11.13		Pn	00:21:01.720	-1.2					T__				m_e	
GEC2	10.71		Sn	00:22:52.045	0.1					T__				m_e	
GEC2	10.71		Pn	00:20:57.393	0.1					T__				m_e	
KBA	9.40		Pn	00:20:39.760	0.2					T__				m_e	
LESA			Pn	00:20:46.665	-0.4					T__				m_e	
MOA	9.67		Pn	00:20:43.534	0.4					T__				m_e	
MOTA			Pn	00:20:55.929	-0.1					T__				m_e	
MOX	12.96		Pn	00:21:28.248	0.7					T__				m_e	
OBKA	8.45		Pn	00:20:25.522	-1.1					T__				m_e	
ROTZ	12.02		Pn	00:21:15.189	0.3					T__				m_e	
UBR	11.34		Pn	00:21:05.775	0.0					T__				m_e	
WTTA	10.31		Pn	00:20:51.098	-0.7					T__				m_e	
ZUGS			Sn	00:22:52.400	-0.1					T__				m_e	
ZUGS			Pn	00:20:58.271	0.8					T__				m_e	

Event 829002 Fiji Islands region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/29 07:46:08.10 -14.6600 -177.6400 10.0 144.32 144.32 m i ke NEIC
 829097

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	144.32		PKP	08:05:42.076		14.8		2.99		TAS				m_e	

Event 829003 Jan Mayen Island region
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2020/08/29 21:32:57.98 70.9820 -8.5960 33.0 23.26 23.26 m i ke BGR

829009

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	829009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	23.26		P	21:38:02.236		342.8		9.19		TAS		12.4	1.14	m_e	mb 4.3

Event 830001 Central Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/30	21:20:37.06			1.0800	-29.5100				34.0	1.6		25		57.18	63.74	m i ke	BGR

OrigID 830007

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	830007
MBB	6.0		BGR	830007
Ms	6.0		BGR	830007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	60.95		P	21:30:47.282	0.3	228.6		6.88		TAS		198.3	2.06	m_e	MBB 5.7
ASSE	60.95		pP	21:30:56.303	0.0	228.9		6.78		TAS				m_e	
BFO	57.26		P	21:30:21.715		228.6		6.88		TAS		169.6	1.46	m_e	MBB 6.2
BFO	57.26		pP	21:30:31.347	-0.0	228.9		6.78		TAS				m_e	
BRG	61.68		P	21:30:51.719	0.1	228.6		6.88		TAS		82.1	1.74	m_e	MBB 5.9
BRG	61.68		pP	21:31:01.348		228.9		6.78		TAS				m_e	
BSEG	62.02		P	21:30:53.815	0.2	228.6		6.88		TAS		322.3	2.33	m_e	MBB 6.1
BSEG	62.02		pP	21:31:03.315		228.9		6.78		TAS				m_e	
BUG	58.95		pP	21:30:42.885	0.6	228.9		6.78		TAS				m_e	
CLL	61.50		P	21:30:50.885	-0.4	228.6		6.88		TAS		272.3	2.36	m_e	MBB 5.8
CLZ	60.61		P	21:30:44.874	0.0	228.6		6.88		TAS		115.2	1.91	m_e	MBB 5.7
CLZ	60.61		pP	21:30:54.096	-0.1	228.9		6.78		TAS				m_e	
FLT1	61.34		P	21:30:49.628	0.1	228.6		6.88		TAS		358.5	2.46	m_e	MBB 5.8
FLT1	61.34		pP	21:30:58.812		228.9		6.78		TAS				m_e	
FUR	58.62		P	21:30:30.934		228.6		6.88		TAS		200.5	1.30	m_e	MBB 6.4
FUR	58.62		pP	21:30:40.605	0.0	228.9		6.78		TAS				m_e	
GEC2	60.30		P	21:30:42.457	0.0	228.6		6.88		TAS				m_e	
GEC2	60.30		pP	21:30:52.035	-0.0	228.9		6.78		TAS				m_e	
GOR1	61.81		P	21:30:53.139	-0.0	228.6		6.88		TAS		259.5	1.58	m_e	MBB 6.5
GOR1	61.81		pP	21:31:02.296		228.9		6.78		TAS				m_e	
GRA1	59.58		P	21:30:37.696	0.0	228.6		6.88		TAS		151.5	1.51	m_e	mb 5.8
GRA1	59.58		pP	21:30:47.288	0.4	228.9		6.78		TAS				m_e	
GRA1	59.58		L	21:53:08.674						T__		12537.4	21.20	a_e	Ms 6.0
GTTG	60.23		P	21:30:42.447	0.0	228.6		6.88		TAS		142.7	1.35	m_e	MBB 6.1
GTTG	60.23		pP	21:30:52.133	-0.0	228.9		6.78		TAS				m_e	
IBBN	59.78		P	21:30:39.042	0.2	228.6		6.88		TAS		109.1	1.30	m_e	MBB 6.0

KAST	59.29	P	21:30:35.645	0.1	228.6	6.88	TAS	58.2	1.35	m_e	MBB	5.8
KAST	59.29	pP	21:30:45.179	0.1	228.9	6.78	TAS			m_e		
MOX	60.40	P	21:30:43.426	0.0	228.6	6.88	TAS	288.2	2.09	m_e	MBB	6.1
MOX	60.40	pP	21:30:53.178	-0.1	228.9	6.78	TAS			m_e		
MOX	60.40	L	21:54:54.352				T__	10006.9	19.60	a_e	Ms	6.0
NEUB	60.83	P	21:30:46.145	0.2	228.6	6.88	TAS	125.7	1.49	m_e	MBB	5.8
NEUB	60.83	pP	21:30:55.726	0.3	228.9	6.78	TAS			m_e		
PLN	60.56	P	21:30:44.599	0.1	228.6	6.88	TAS	153.3	2.52	m_e	MBB	5.3
PLN	60.56	pP	21:30:53.716	-0.3	228.9	6.78	TAS			m_e		
RETH	60.78	P	21:30:46.018	0.2	228.6	6.88	TAS	254.9	2.01	m_e	MBB	5.8
RGN	63.74	pP	21:31:15.312		228.9	6.78	TAS			m_e		
RUE	62.61	P	21:30:58.547	-0.1	228.6	6.88	TAS	432.4	2.24	m_e	MBB	6.3
RUE	62.61	pP	21:31:08.085		228.9	6.78	TAS			m_e		
STU	57.98	P	21:30:26.460		228.6	6.88	TAS	403.0	1.79	m_e	MBB	6.4
TANN	60.66	P	21:30:45.165	-0.2	228.6	6.88	TAS	135.3	1.70	m_e	MBB	5.8
TANN	60.66	pP	21:30:54.565	0.0	228.9	6.78	TAS			m_e		
UBR	57.71	P	21:30:24.692		228.6	6.88	TAS	168.2	1.35	m_e	MBB	6.2
WLF	57.18	P	21:30:20.715	0.0	228.6	6.88	TAS	484.9	2.86	m_e	MBB	5.9

Event 831001 Persian Gulf

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/31	03:37:12.59			28.2560	50.6570				33.0			20		34.99	39.93	m i ke	BGR
	831007																

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	831007
Ms	4.0		BGR	831007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	38.05	P		03:44:27.221	0.2	110.8		8.50		TAS		19.2	1.31	m_e	mb	4.7
BFO	38.19	P		03:44:28.734	0.1	110.8		8.50		TAS		12.0	1.33	m_e	mb	4.5
BRG	35.67	P		03:44:06.862	-0.5	110.8		8.50		TAS		8.9	1.21	m_e	mb	4.5
BSEG	38.98	P		03:44:34.715		110.8		8.50		TAS		18.0	1.15	m_e	mb	4.6
BUG	39.78	P		03:44:42.320		110.8		8.50		TAS		19.2	1.15	m_e	mb	4.6
CLL	36.39	P		03:44:13.259	-0.0	110.8		8.50		TAS		195.2	2.82	m_e	mb	5.4
CLZ	38.11	P		03:44:28.189	-0.2	110.8		8.50		TAS		16.6	0.94	m_e	mb	4.8
FLT1	37.81	P		03:44:25.307	0.0	110.8		8.50		TAS		33.5	1.17	m_e	mb	5.0
FUR	36.26	P		03:44:12.873	0.4	110.8		8.50		TAS		43.9	1.27	m_e	mb	5.1
GEC2	34.99	P		03:44:01.905	0.0	110.8		8.50		TAS		6.1	2.27	m_e	mb	4.1
GOR1	38.04	P		03:44:27.447	0.2	110.8		8.50		TAS		37.3	1.03	m_e	mb	5.1
GRA1	36.81	P		03:44:17.361	-0.4	110.8		8.50		TAS		19.9	1.07	m_e	mb	4.8
GRA1	36.81	L		04:02:37.548						T__		244.2	20.30	a_e	Ms	4.0
GTTG	38.23	P		03:44:29.304	-0.7	110.8		8.50		TAS		15.0	1.21	m_e	mb	4.6
IBBN	39.78	P		03:44:42.481		110.8		8.50		TAS		46.6	1.33	m_e	mb	5.0
KAST	39.02	P		03:44:36.333		110.8		8.50		TAS		19.1	1.24	m_e	mb	4.6

MOX	36.93	P	03:44:17.936	0.5	110.8	8.50	TAS	5.7	1.22	m_e	mb	4.2
MOX	36.93	L	04:03:42.855				T__	317.1	20.00	a_e	Ms	4.1
NEUB	37.05	P	03:44:18.804	-0.2	110.8	8.50	TAS	15.4	1.09	m_e	mb	4.7
RETH	39.02	P	03:44:35.888		110.8	8.50	TAS	17.8	1.25	m_e	mb	4.5
UBR	36.86	P	03:44:17.964	0.0	110.8	8.50	TAS	22.2	1.04	m_e	mb	4.8
WLF	39.93	P	03:44:43.147		110.8	8.50	TAS	11.1	0.92	m_e	mb	4.5

Event 831002 Chagos Archipelago region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/31	17:24:06.05			-4.1610	69.2380				13.8			22		71.41	76.38	m i ke	BGR
	831008																

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	831008
MBB	6.2		BGR	831008
Ms	5.5		BGR	831008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	74.70		P	17:35:46.320	0.1	118.0		5.90		TAS		101.6	1.54	m_e	MBB	6.1
BFO	74.34		P	17:35:44.340	-0.4	118.0		5.90		TAS		80.7	1.26	m_e	MBB	6.2
BRG	72.30		P	17:35:32.139	-0.1	118.0		5.90		TAS		31.6	1.14	m_e	MBB	6.1
BSEG	75.74		P	17:35:52.106		118.0		5.90		TAS		41.8	1.47	m_e	MBB	6.0
BUG	76.28		P	17:35:55.687		118.0		5.90		TAS		61.0	1.07	m_e	MBB	6.2
CLL	73.03		P	17:35:36.639	0.1	118.0		5.90		TAS		73.2	1.27	m_e	MBB	6.2
CLZ	74.73		P	17:35:46.786	-0.1	118.0		5.90		TAS		134.1	1.64	m_e	MBB	6.1
FLT1	74.49		P	17:35:44.702	0.2	118.0		5.90		TAS		46.5	1.21	m_e	MBB	6.1
FUR	72.50		P	17:35:33.129	-0.3	118.0		5.90		TAS		426.2	1.72	m_e	MBB	6.5
GEC2	71.41		P	17:35:26.247	-0.8	118.0		5.90		TAS				m_e		
GEC2	71.41		pP	17:35:30.195						T__				m_e		
GRA1	73.24		P	17:35:37.741	-0.1	118.0		5.90		TAS		209.4	1.42	m_e	mb	6.1
GRA1	73.24		L	18:09:54.559						T__		2441.0	18.80	a_e	Ms	5.5
GTTG	74.82		P	17:35:47.545	-0.3	118.0		5.90		TAS		80.1	1.27	m_e	MBB	6.1
IBBN	76.38		P	17:35:56.262		118.0		5.90		TAS		133.3	1.64	m_e	MBB	6.3
KAST	75.53		P	17:35:51.395	-0.1	118.0		5.90		TAS		55.4	1.41	m_e	MBB	6.1
MOX	73.47		P	17:35:39.489	0.3	118.0		5.90		TAS		27.8	1.11	m_e	MBB	6.2
MOX	73.47		L	18:07:26.298						T__		2691.9	21.90	a_e	Ms	5.5
NEUB	73.65		P	17:35:40.603	0.4	118.0		5.90		TAS		62.5	1.10	m_e	MBB	6.2
PLN	73.09		P	17:35:37.305	0.4	118.0		5.90		TAS				m_e		
RETH	75.69		P	17:35:52.192	-0.1	118.0		5.90		TAS		116.4	1.65	m_e	MBB	6.2
RUE	73.21		P	17:35:37.610	0.1	118.0		5.90		TAS		184.5	1.35	m_e	MBB	6.5
TANN	72.89		P	17:35:35.942	0.2	118.0		5.90		TAS				m_e		
UBR	72.98		P	17:35:36.599	0.4	118.0		5.90		TAS		225.5	1.24	m_e	MBB	6.6
WLF	76.20		P	17:35:54.919		118.0		5.90		TAS		62.0	1.15	m_e	MBB	6.1

Event 831003 Myanmar-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/31	21:09:33.76			24.5400	94.9500				122.9			23		65.61	70.95	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	831009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	69.91		P	21:20:30.969		78.5		6.26		TAS		5.3	1.06	m_e mb	4.6
BRG	65.81		P	21:20:05.765	0.0	78.5		6.26		TAS		11.2	0.79	m_e mb	5.2
BRG	65.81		pP	21:20:35.952						T__				m_e	
BSEG	67.45		P	21:20:16.473	0.1	78.5		6.26		TAS		14.7	0.72	m_e mb	5.3
BUG	69.81		P	21:20:30.646	-0.1	78.5		6.26		TAS		8.6	0.69	m_e mb	5.0
CLL	66.32		P	21:20:08.516	-0.1	78.5		6.26		TAS		19.2	1.32	m_e mb	5.2
CLZ	67.83		P	21:20:18.675	-0.5	78.5		6.26		TAS		15.9	0.70	m_e mb	5.3
FLT1	67.21		P	21:20:13.829	-0.0	78.5		6.26		TAS		8.7	1.09	m_e mb	4.9
FUR	68.04		P	21:20:19.940		78.5		6.26		TAS		11.4	0.79	m_e mb	5.2
GEC2	66.32		P	21:20:09.244	-0.3	78.5		6.26		TAS				m_e	
GOR1	67.05		P	21:20:13.598	-0.2	78.5		6.26		TAS		29.2	1.33	m_e mb	5.3
GRA1	67.75		P	21:20:18.448	0.3	78.5		6.26		TAS		8.8	0.97	m_e mb	5.0
GTTG	68.14		P	21:20:20.356	-0.4	78.5		6.26		TAS		8.2	0.77	m_e mb	5.0
IBBN	69.31		P	21:20:27.576	0.2	78.5		6.26		TAS		8.8	0.90	m_e mb	5.0
KAST	69.17		P	21:20:26.438	-0.1	78.5		6.26		TAS		8.2	1.22	m_e mb	4.8
MOX	67.31		P	21:20:15.124	0.5	78.5		6.26		TAS		5.8	0.79	m_e mb	4.9
NEUB	67.10		P	21:20:13.749	-0.0	78.5		6.26		TAS		17.7	0.65	m_e mb	5.4
PLN	67.00		P	21:20:13.205	0.4	78.5		6.26		TAS		1.9	0.60	m_e mb	4.5
RGN	65.61		P	21:20:04.465	0.2	78.5		6.26		TAS		61.8	0.80	m_e mb	5.9
RUE	65.65		P	21:20:04.585	-0.7	78.5		6.26		TAS		35.8	1.04	m_e mb	5.5
STU	69.25		P	21:20:27.470		78.5		6.26		TAS		49.3	0.94	m_e mb	5.7
TANN	66.82		P	21:20:12.155	0.2	78.5		6.26		TAS		6.6	0.74	m_e mb	5.0
UBR	68.91		P	21:20:24.754		78.5		6.26		TAS		9.3	0.59	m_e mb	5.2
WLF	70.95		P	21:20:38.381	-0.4	78.5		6.26		TAS		26.5	0.78	m_e mb	5.4

Event 831004 Southern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2020/08/31	21:18:16.51			-33.7770	-12.3970				22.1			20		83.56	89.54	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	831010
MBB	5.9		BGR	831010

Ms	5.4	BGR	831010													
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	87.90		P	21:31:06.828	-0.2	199.5		4.93		TAS		81.1	1.70	m_e	MBB	6.2
BFO	83.81		P	21:30:46.010	-0.5	199.5		4.93		TAS		21.4	1.00	m_e	MBB	5.8
BSEG	89.54		P	21:31:14.531		199.5		4.93		TAS		24.3	1.00	m_e	MBB	5.8
BSEG	89.54		pP	21:31:20.981						T__				m_e		
BUG	86.60		P	21:31:00.486	-0.2	199.5		4.93		TAS		28.7	0.99	m_e	MBB	5.9
CLL	87.62		P	21:31:05.203	-0.4	199.5		4.93		TAS		50.7	1.75	m_e	MBB	5.9
CLZ	87.56		P	21:31:05.163	-0.1	199.5		4.93		TAS		65.7	2.06	m_e	MBB	5.9
FLT1	88.20		P	21:31:08.031		199.5		4.93		TAS		21.8	1.27	m_e	MBB	6.0
FUR	84.28		P	21:30:48.962	0.2	199.5		4.93		TAS		55.0	1.13	m_e	MBB	6.2
GEC2	85.49		P	21:30:54.667	-0.1	199.5		4.93		TAS				m_e		
GOR1	88.84		P	21:31:10.888		199.5		4.93		TAS		63.8	1.30	m_e	MBB	6.0
GRA1	85.71		P	21:30:55.842	-0.0	199.5		4.93		TAS		28.6	1.09	m_e	mb	5.3
GRA1	85.71		L	22:09:03.126						T__		1369.7	18.20	a_e	Ms	5.4
GTTG	87.20		P	21:31:03.669	0.0	199.5		4.93		TAS		87.2	1.99	m_e	MBB	5.8
KAST	86.58		P	21:31:00.319	0.2	199.5		4.93		TAS		24.8	1.69	m_e	MBB	5.6
MOX	86.69		P	21:31:00.805	0.4	199.5		4.93		TAS		14.7	1.45	m_e	MBB	5.8
MOX	86.69		L	22:07:43.072						T__		1481.9	19.50	a_e	Ms	5.4
NEUB	87.24		P	21:31:03.446	0.1	199.5		4.93		TAS		214.7	2.33	m_e	MBB	5.9
PLN	86.66		P	21:31:00.310	0.4	199.5		4.93		TAS		5.6	1.43	m_e	MBB	5.2
STU	84.41		P	21:30:49.332	-0.1	199.5		4.93		TAS		62.3	1.04	m_e	MBB	6.2
TANN	86.66		P	21:31:00.944	0.1	199.5		4.93		TAS		12.3	1.02	m_e	MBB	5.8
UBR	83.56		P	21:30:45.378	0.1	199.5		4.93		TAS		64.0	1.05	m_e	MBB	6.2
WLF	84.69		P	21:30:50.752	-0.1	199.5		4.93		TAS		29.6	1.06	m_e	MBB	5.8