

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

(produced by SZO/BGR - HANNOVER)

February 2018

UPDATED 23.March 2020

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

Event 80201005 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/01	11:00:01.92			-18.0750	-179.4590				33.0				13	145.40	149.16	m i ke	BGR
OrigID 80201011																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	147.19		PKPbc	11:19:41.160		19.0		2.88		TAS					m_e
BFO	149.16		PKPbc	11:19:45.983		19.0		2.88		TAS					m_e
CLL	145.40		PKPbc	11:19:34.914		19.0		2.88		TAS					m_e
GEC2	147.50		PKPbc	11:19:40.291		19.0		2.88		TAS					m_e
GRA1	147.31		PKPbc	11:19:41.418		19.0		2.88		TAS					m_e
MANZ	146.84		PKPbc	11:19:40.053		19.0		2.88		TAS					m_e
PLN	146.35		PKPbc	11:19:39.105		19.0		2.88		TAS					m_e
RJOB	148.76		PKPbc	11:19:45.983		19.0		2.88		TAS					m_e
ROTZ	147.02		PKPbc	11:19:39.105		19.0		2.88		TAS					m_e
TANN	146.35		PKPbc	11:19:37.760		19.0		2.88		TAS					m_e
TNS	147.31		PKPbc	11:19:40.370		19.0		2.88		TAS					m_e
WET	147.44		PKPbc	11:19:40.686		19.0		2.88		TAS					m_e
WLF	148.16		PKPbc	11:19:43.137		19.0		2.88		TAS					m_e

Event 80201006 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/01	11:05:57.09			-16.6200	-176.3640				33.0				16	144.59	148.57	m i ke	BGR
OrigID 80201012																	

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	146.05		PKPbc	11:25:33.241		13.2		3.01		TAS				m_e		
BFO	148.14		PKPbc	11:25:38.102		13.2		3.01		TAS				m_e		
CLL	144.59		PKPbc	11:25:29.398	-0.7	13.2		3.01		TAS				m_e		
FUR	147.92		PKPbc	11:25:37.537		13.2		3.01		TAS				m_e		
GEC2	146.83		PKPbc	11:25:33.693		13.2		3.01		TAS				m_e		
GRA1	146.44		PKPbc	11:25:34.017		13.2		3.01		TAS				m_e		
MANZ	146.02		PKPbc	11:25:31.771		13.2		3.01		TAS				m_e		
MOX	145.46		PKPbc	11:25:32.337		13.2		3.01		TAS				m_e		
PLN	145.53		PKPbc	11:25:28.606		13.2		3.01		TAS				m_e		
RJOB	148.06		PKPbc	11:25:39.345		13.2		3.01		TAS				m_e		
ROTZ	146.22		PKPbc	11:25:33.241		13.2		3.01		TAS				m_e		
TANN	145.55		PKPbc	11:25:31.885		13.2		3.01		TAS				m_e		
TNS	146.26		PKPbc	11:25:32.864		13.2		3.01		TAS				m_e		
UBR	148.57		PKPbc	11:25:42.284		13.2		3.01		TAS				m_e		
WET	146.70		PKPbc	11:25:34.032		13.2		3.01		TAS				m_e		
WLF	146.98		PKPbc	11:25:35.276		13.2		3.01		TAS				m_e		

Event 80202001 Reykjanes Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2018/02/02	06:23:59.07			53.1900	-34.6500				19.8			21		24.94	30.26	m i ke	BGR
80202007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	80202007
Ms	4.7		BGR	80202007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	25.64		P	06:29:28.263	0.4	293.6		8.84		TAS		32.4	1.19	m_e	mb 4.8
BFO	27.30		P	06:29:42.585	1.3	293.6		8.84		TAS		12.8	1.02	m_e	mb 4.6
BRG	29.53		P	06:30:02.704		293.6		8.84		TAS		7.7	0.86	m_e	mb 4.5
BSEG	26.38		P	06:29:34.326	0.4	293.6		8.84		TAS				m_e	
CLL	28.82		P	06:29:56.576		293.6		8.84		TAS		21.2	0.95	m_e	mb 4.9
CLZ	27.09		P	06:29:41.932	-0.3	293.6		8.84		TAS		20.1	1.14	m_e	mb 4.7
FLT1	27.42		P	06:29:43.707	-0.1	293.6		8.84		TAS		9.2	0.92	m_e	mb 4.5
GEC2	30.26		P	06:30:09.808		293.6		8.84		TAS		11.6	1.05	m_e	mb 4.6
GRA1	28.43		L	06:40:24.947						T__		1154.1	18.20	a_e	Ms 4.5
GTTG	26.96		P	06:29:40.713	-0.6	293.6		8.84		TAS		24.5	1.03	m_e	mb 4.9
HLG	24.94		P	06:29:22.132	0.8	293.6		8.84		TAS		138.2	0.82	m_e	mb 5.7
IBBN	25.42		P	06:29:26.164	-0.9	293.6		8.84		TAS		25.5	0.92	m_e	mb 4.9
KAST	26.18		P	06:29:32.641	-0.4	293.6		8.84		TAS		20.9	1.01	m_e	mb 4.7
MANZ	28.82		P	06:29:56.200		293.6		8.84		TAS		1.6	1.05	m_e	mb 3.8

MOX	28.27	P	06:29:51.793	0.3	293.6	8.84	TAS	5.7	0.90	m_e	mb	4.4
MOX	28.27	L	06:40:32.663				T__	2316.1	18.10	a_e	Ms	4.8
NRDL	26.71	P	06:29:38.034	0.2	293.6	8.84	TAS	45.9	1.31	m_e	mb	5.0
ROTZ	28.97	P	06:29:58.247		293.6	8.84	TAS	1.1	0.97	m_e	mb	3.7
TANN	28.85	P	06:29:56.998		293.6	8.84	TAS	14.7	1.03	m_e	mb	4.8
TNS	26.57	P	06:29:36.511	0.5	293.6	8.84	TAS	13.3	0.90	m_e	mb	4.7
UBBA	27.25	P	06:29:42.425	-0.7	293.6	8.84	TAS	4.5	1.11	m_e	mb	4.1
UBR	28.66	P	06:29:55.572		293.6	8.84	TAS	5.3	0.79	m_e	mb	4.4
WET	29.64	P	06:30:03.801		293.6	8.84	TAS	7.5	1.19	m_e	mb	4.4

Event 80202005 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/02	10:22:06.58			-18.8070	-172.8030				10.0			25		144.85	151.10	m i ke	BGR
	80202011																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	148.34		PKPbc	10:41:52.434	0.1	7.4		2.68		TAS				m_e	
ASSE	146.64		PKPbc	10:41:47.610	0.2	7.4		2.68		TAS				m_e	
BFO	150.54		PKPbc	10:41:58.204		7.4		2.68		TAS				m_e	
BRG	147.56		PKPbc	10:41:50.286	0.3	7.4		2.68		TAS				m_e	
BSEG	144.85		PKPbc	10:41:43.055	-0.1	7.4		2.68		TAS				m_e	
BUG	147.44		PKPbc	10:41:49.966	0.1	7.4		2.68		TAS				m_e	
CLL	147.25		PKPbc	10:41:49.280	-0.1	7.4		2.68		TAS				m_e	
CLZ	146.94		PKPbc	10:41:48.817	0.1	7.4		2.68		TAS				m_e	
FLT1	146.40		PKPbc	10:41:46.652	-0.1	7.4		2.68		TAS				m_e	
FUR	150.53		PKPbc	10:41:58.088		7.4		2.68		TAS				m_e	
GEC2	149.58		PKPbc	10:41:55.655		7.4		2.68		TAS				m_e	
GRA1	149.02		PKPbc	10:41:54.291		7.4		2.68		TAS				m_e	
GTTG	147.26		PKPbc	10:41:49.499	-0.0	7.4		2.68		TAS				m_e	
IBBN	146.57		PKPbc	10:41:47.704	-0.2	7.4		2.68		TAS				m_e	
KAST	147.66		PKPbc	10:41:50.812	0.2	7.4		2.68		TAS				m_e	
MANZ	148.65		PKPbc	10:41:53.413	-0.5	7.4		2.68		TAS				m_e	
MOX	148.04		PKPbc	10:41:51.639	0.2	7.4		2.68		TAS				m_e	
NEUB	147.48		PKPbc	10:41:50.136	0.4	7.4		2.68		TAS				m_e	
NRDL	146.31		PKPbc	10:41:46.588	0.2	7.4		2.68		TAS				m_e	
RJOB	150.78		PKPbc	10:41:58.439		7.4		2.68		TAS				m_e	
ROTZ	148.85		PKPbc	10:41:53.961	0.0	7.4		2.68		TAS				m_e	
TANN	148.19		PKPbc	10:41:52.158	-0.1	7.4		2.68		TAS				m_e	
TNS	148.64		PKPbc	10:41:53.654	-0.1	7.4		2.68		TAS				m_e	
UBR	151.10		PKPbc	10:41:59.724		7.4		2.68		TAS				m_e	
WET	149.39		PKPbc	10:41:55.269		7.4		2.68		TAS				m_e	

Event 80202008 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/02	20:34:03.07			-22.3930	-178.1870				604.3	7.4		23		147.85	153.90	m i ke	BGR
	80202014																

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	149.54		PKPbc	20:52:45.709	0.2	18.6		2.30		TAS					m_e
BFO	153.60		PKPbc	20:52:54.310		18.6		2.30		TAS					m_e
BFO	153.60		pPKPbc	20:55:12.444						T__					m_e
BRG	150.04		PKPbc	20:52:46.481	-0.0	18.6		2.30		TAS					m_e
BRG	150.04		pPKPbc	20:55:04.238						T__					m_e
BSEG	147.85		PKPbc	20:52:41.235	-0.5	18.6		2.30		TAS					m_e
BSEG	147.85		PKPab	20:52:45.305	-0.3	11.5		3.83		TAS					m_e
BSEG	147.85		pPKPbc	20:54:59.120						T__					m_e
BUG	150.70		pPKPbc	20:55:04.730						T__					m_e
CLL	149.85		PKPbc	20:52:45.843	0.1	18.6		2.30		TAS					m_e
CLZ	149.87		PKPbc	20:52:46.231	0.3	18.6		2.30		TAS					m_e
FLT1	149.24		PKPbc	20:52:44.330	-0.1	18.6		2.30		TAS					m_e
FLT1	149.24		PKPab	20:52:50.483	0.0	11.5		3.83		TAS					m_e
FUR	153.19		PKPab	20:53:07.456		11.5		3.83		TAS					m_e
GEC2	151.96		PKPbc	20:52:50.399		18.6		2.30		TAS					m_e
GEC2	151.96		pPKPbc	20:55:09.989						T__					m_e
GRA1	151.76		PKPab	20:53:00.831		11.5		3.83		TAS					m_e
GTTG	150.22		PKPbc	20:52:47.160	0.2	18.6		2.30		TAS					m_e
HLG	147.93		PKPbc	20:52:41.326	-0.1	18.6		2.30		TAS					m_e
IBBN	149.79		PKPbc	20:52:46.094	0.2	18.6		2.30		TAS					m_e
IBBN	149.79		pPKPbc	20:55:03.705						T__					m_e
KAST	150.79		PKPbc	20:52:48.419	-0.5	18.6		2.30		TAS					m_e
KAST	150.79		PKPab	20:52:57.011		11.5		3.83		TAS					m_e
KAST	150.79		pPKPbc	20:55:06.428						T__					m_e
MANZ	151.29		PKPbc	20:52:49.410	-0.3	18.6		2.30		TAS					m_e
MOX	150.78		PKPbc	20:52:48.023	0.2	18.6		2.30		TAS					m_e
MOX	150.78		PKPab	20:52:57.077		11.5		3.83		TAS					m_e
NEUB	150.22		PKPbc	20:52:46.929	0.2	18.6		2.30		TAS					m_e
NRDL	149.28		PKPbc	20:52:44.576	0.1	18.6		2.30		TAS					m_e
ROTZ	151.48		PKPbc	20:52:49.643	-0.2	18.6		2.30		TAS					m_e
ROTZ	151.48		pPKPbc	20:55:08.236						T__					m_e
RUE	148.59		PKPbc	20:52:42.898	-0.2	18.6		2.30		TAS					m_e
STU	153.03		PKPbc	20:52:53.488		18.6		2.30		TAS					m_e
TANN	150.81		PKPbc	20:52:48.330	-0.0	18.6		2.30		TAS					m_e
TNS	151.74		PKPbc	20:52:50.360		18.6		2.30		TAS					m_e
UBBA	150.91		PKPbc	20:52:48.266	0.2	18.6		2.30		TAS					m_e
UBBA	150.91		PKPab	20:52:56.318		11.5		3.83		TAS					m_e
UBBA	150.91		pPKPbc	20:55:06.834						T__					m_e

UBR	153.90	PKPbc	20:52:55.060	18.6	2.30	TAS	m_e
UBR	153.90	PKPab	20:53:08.032	11.5	3.83	TAS	m_e
UBR	153.90	pPKPbc	20:55:12.444			T__	m_e
WET	151.90	PKPab	20:53:01.955	11.5	3.83	TAS	m_e
WET	151.90	pPKPbc	20:55:08.236			T__	m_e

Event 80203003 Adriatic Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/03	12:53:09.03	0.40	1.19	42.9930	16.9770	6.7	5.6	162	15.0			53	301	3.92	11.00	m i ke	BGR
80203009																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.9		BGR	80203009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ABH	9.48		Sn	12:56:58.439	-0.6					T__				m_e	
AHRW	10.15		Pn	12:55:32.138	1.1					T__				m_e	
AHRW	10.15		Sn	12:57:16.729	2.1					T__				m_e	
ARSA	4.38		Pn	12:54:12.961	-0.4					T__				m_e	
ARSA	4.38		Sn	12:54:57.946	-2.1					T__				m_e	ML 4.9
BALST	7.86		Pn	12:55:00.614	0.3					T__				m_e	
BERGE	7.88		Sn	12:56:19.615	-2.1					T__				m_e	
BERGE	7.88		Pn	12:55:00.466	-0.0					T__				m_e	ML 4.8
BFO	8.07		Pn	12:55:02.596	-0.5					T__				m_e	
BODE	9.15		Sn	12:56:51.533	0.2					T__				m_e	
BRG	8.15		Sn	12:56:27.867	-0.2					T__				m_e	
BRG	8.15		Pn	12:55:03.875	-0.3					T__				m_e	
BUG	10.72		Sn	12:57:29.921	2.1					T__				m_e	
BUG	10.72		Pn	12:55:40.144	1.5					T__				m_e	
CKRC	6.12		Sn	12:55:40.003	-0.7					T__				m_e	
CKRC	6.12		Pn	12:54:36.537	-0.3					T__				m_e	ML 5.1
CLL	8.75		Pn	12:55:11.507	-0.7					T__				m_e	
DAVA	6.60		Pn	12:54:44.649	1.3					T__				m_e	ML 5.0
DPC	7.38		Pn	12:54:53.853	0.1					T__				m_e	ML 5.4
DPC	7.38		Sn	12:56:09.376	-0.7					T__				m_e	
ECH	8.64		Sn	12:56:37.239	-2.2					T__				m_e	
ECH	8.64		Pn	12:55:10.791	0.1					T__				m_e	
EMING	7.53		Sn	12:56:12.359	-1.3					T__				m_e	
EMING	7.53		Pn	12:54:55.850	0.0					T__				m_e	
FUR	6.54		Pn	12:54:42.363	-0.1					T__				m_e	
GEC2	6.28		Sn	12:55:44.740	0.2					T__				m_e	
GEC2	6.28		Pn	12:54:37.929	-1.1					T__				m_e	ML 4.9
GRFO	7.79		Pn	12:54:58.394	-0.9					T__				m_e	
JAVC	5.89		Sn	12:55:38.178	2.9					T__				m_e	
JAVC	5.89		Pn	12:54:32.968	-0.7					T__				m_e	ML 4.5

KAST	10.07	Sn	12:57:13.131	0.3	T__	m_e	
KAST	10.07	Pn	12:55:31.083	1.1	T__	m_e	
KBA	4.83	Pn	12:54:19.336	-0.1	T__	m_e	
KBA	4.83	Sn	12:55:11.206	0.7	T__	m_e	ML 4.7
KHC	6.58	Sn	12:55:51.194	-0.2	T__	m_e	
KHC	6.58	Pn	12:54:43.223	0.2	T__	m_e	ML 4.8
KRUC	6.08	Sn	12:55:38.147	-1.7	T__	m_e	
KRUC	6.08	Pn	12:54:34.769	-1.6	T__	m_e	ML 4.7
MANZ	7.76	Pn	12:54:57.901	-1.0	T__	m_e	
METMA	7.75	Sn	12:56:16.684	-2.0	T__	m_e	
METMA	7.75	Pn	12:54:58.993	0.3	T__	m_e	ML 4.6
MILB	8.65	Sn	12:56:37.556	-2.2	T__	m_e	
MILB	8.65	Pn	12:55:09.928	-1.0	T__	m_e	
MOA	5.22	Sn	12:55:20.657	1.0	T__	m_e	
MOA	5.22	Pn	12:54:25.275	0.6	T__	m_e	ML 4.9
MORC	6.80	Sn	12:55:57.722	1.2	T__	m_e	
MORC	6.80	Pn	12:54:45.648	-0.3	T__	m_e	ML 5.4
MOX	8.49	Sn	12:56:37.333	1.3	T__	m_e	
MOX	8.49	Pn	12:55:07.846	-0.9	T__	m_e	
NEUB	8.94	Pn	12:55:16.244	1.5	T__	m_e	
NKC	7.88	Pn	12:54:59.819	-0.8	T__	m_e	
NORI	7.24	Sn	12:56:04.311	-2.6	T__	m_e	
NORI	7.24	Pn	12:54:50.936	-1.0	T__	m_e	ML 5.0
OBER	6.46	Pn	12:54:42.271	0.8	T__	m_e	
OBKA	3.92	Pn	12:54:07.171	0.0	T__	m_e	
OBKA	3.92	Sn	12:54:49.378	0.1	T__	m_e	ML 5.1
OKC	6.89	Sn	12:56:01.230	2.4	T__	m_e	
OKC	6.89	Pn	12:54:47.018	-0.2	T__	m_e	ML 4.7
PART	6.12	Sn	12:55:43.201		T__	m_e	
PART	6.12	Pn	12:54:37.559	0.8	T__	m_e	ML 4.7
PLN	8.19	Pn	12:55:04.082	-0.6	T__	m_e	
PLONS	6.74	Sn	12:55:56.778	1.6	T__	m_e	
PLONS	6.74	Pn	12:54:46.794	1.6	T__	m_e	ML 4.7
PRU	7.20	Sn	12:56:05.286	-0.6	T__	m_e	
PRU	7.20	Pn	12:54:51.187	-0.1	T__	m_e	ML 5.1
PVCC	7.72	Pn	12:54:58.991	0.7	T__	m_e	ML 5.5
RETH	11.00	Pn	12:55:42.928	0.4	T__	m_e	
ROTZ	7.53	Sn	12:56:14.585	0.9	T__	m_e	
ROTZ	7.53	Pn	12:54:54.682	-1.2	T__	m_e	ML 4.8
SLE	7.64	Sn	12:56:14.303	-2.0	T__	m_e	
SLE	7.64	Pn	12:54:57.510	0.2	T__	m_e	ML 5.0
SULZ	7.72	Pn	12:54:59.354	0.9	T__	m_e	
TANN	8.05	Pn	12:55:02.143	-0.6	T__	m_e	
TNS	9.31	Sn	12:56:55.870	0.8	T__	m_e	
TREC	6.39	Pn	12:54:40.857	0.4	T__	m_e	ML 4.8
UBR	6.74	Pn	12:54:45.309	0.2	T__	m_e	ML 5.2
VRAC	6.32	Sn	12:55:43.750	-1.7	T__	m_e	
VRAC	6.32	Pn	12:54:38.719	-0.8	T__	m_e	ML 4.6
WALHA	7.29	Pn	12:54:52.999	0.3	T__	m_e	ML 5.2

WET	6.78	Pn	12:54:45.138	-0.6	T__	m_e ML	4.7
WILA	7.21	Pn	12:54:52.229	0.7	T__	m_e ML	5.2
WTTA	5.70	Sn	12:55:31.488	0.5	T__	m_e	
WTTA	5.70	Pn	12:54:31.491	0.3	T__	m_e ML	5.1

Event 80204003 North of Svalbard

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/04	13:24:33.95			83.3800	0.7700				10.0			24		31.13	35.96	m i ke	BGR
80204009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	80204009
Ms	4.5		BGR	80204009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	33.03		P	13:31:09.164	-0.2	357.9		8.94		TAS		28.9	0.95	m_e mb	5.2
BFO	35.26		P	13:31:28.102		357.9		8.94		TAS		12.2	0.89	m_e mb	4.8
BFO	35.26		PcP	13:33:58.724						T__				m_e	
BRG	32.86		P	13:31:07.420	0.0	357.9		8.94		TAS		11.2	0.88	m_e mb	4.8
BRG	32.86		PcP	13:33:52.225						T__				m_e	
BUG	32.13		P	13:31:00.890	0.4	357.9		8.94		TAS		14.5	0.90	m_e mb	4.9
CLL	32.39		P	13:31:03.498	-0.4	357.9		8.94		TAS		6.3	0.84	m_e mb	4.6
CLL	32.39		PcP	13:33:50.043						T__				m_e	
FLT1	31.32		P	13:30:53.825	-0.5	357.9		8.94		TAS		6.7	0.84	m_e mb	4.6
FLT1	31.32		PcP	13:33:47.642						T__				m_e	
FUR	35.49		PcP	13:34:00.430						T__				m_e	
GEC2	34.88		P	13:31:26.142		357.9		8.94		TAS		12.9	0.89	m_e mb	4.9
GEC2	34.88		PcP	13:33:58.611						T__				m_e	
GRA1	33.96		P	13:31:18.109		357.9		8.94		TAS		8.3	0.88	m_e mb	4.7
GRA1	33.96		L	13:45:23.440						T__		894.7	19.00	a_e Ms	4.5
GTTG	32.08		PcP	13:33:50.521						T__				m_e	
IBBN	31.27		PcP	13:33:48.153						T__				m_e	
KAST	32.39		P	13:31:03.893	0.1	357.9		8.94		TAS				m_e	
KAST	32.39		PcP	13:33:51.357						T__				m_e	
MANZ	33.69		PcP	13:33:55.386						T__				m_e	
MOX	33.02		P	13:31:08.774		357.9		8.94		TAS		11.9	0.81	m_e mb	4.9
MOX	33.02		L	13:45:02.734						T__		964.4	19.30	a_e Ms	4.5
NEUB	32.47		P	13:31:04.411	0.6	357.9		8.94		TAS		16.7	0.90	m_e mb	5.0
NEUB	32.47		PcP	13:33:51.764						T__				m_e	
NRDL	31.13		P	13:30:51.496	0.0	357.9		8.94		TAS		6.2	0.85	m_e mb	4.6
NRDL	31.13		PcP	13:33:47.241						T__				m_e	
RJOB	35.96		P	13:31:35.210		357.9		8.94		TAS		11.8	0.83	m_e mb	4.8
RJOB	35.96		PcP	13:34:01.572						T__				m_e	
ROTZ	33.91		P	13:31:17.114		357.9		8.94		TAS		2.6	0.81	m_e mb	4.2
STU	34.84		P	13:31:24.939		357.9		8.94		TAS		39.6	0.76	m_e mb	5.4

TANN	33.27	P	13:31:11.855	357.9	8.94	TAS	12.5	0.86	m_e	mb	4.9
TANN	33.27	PcP	13:33:52.776			T__			m_e		
TNS	33.37	P	13:31:12.482	357.9	8.94	TAS	10.3	0.98	m_e	mb	4.7
UBR	35.95	P	13:31:35.429	357.9	8.94	TAS	4.8	0.80	m_e	mb	4.4
UBR	35.95	PcP	13:34:01.101			T__			m_e		
WET	34.55	P	13:31:22.925	357.9	8.94	TAS	3.7	0.82	m_e	mb	4.4
WET	34.55	PcP	13:33:57.138			T__			m_e		
WLF	33.90	PcP	13:33:54.775			T__			m_e		

Event 80204004 Taiwan region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/04	13:56:50.80			25.3370	120.7890				10.0			30		79.93	85.50	m i k e	BGR
80204010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	80204010
Ms	6.7		BGR	80204010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	84.52		S	14:19:51.284						T__				m_e		
ASSE	81.76		P	14:09:08.594	0.4	59.2		5.21		TAS		8.0	1.05	a_e	mb	4.8
BFO	85.05		P	14:09:25.899		59.2		5.21		TAS		8.8	1.03	m_e	mb	4.9
BFO	85.05		S	14:19:54.784						T__				a_e		
BRG	80.61		P	14:09:02.494	-0.4	59.2		5.21		TAS		11.2	0.96	a_e	mb	4.9
BSEG	81.02		P	14:09:04.594	-0.2	59.2		5.21		TAS		14.3	0.94	a_e	mb	5.0
BSEG	81.02		S	14:19:13.784						T__				a_e		
BUG	83.92		P	14:09:19.344	-0.6	59.2		5.21		TAS		27.9	1.06	a_e	mb	5.4
BUG	83.92		S	14:19:43.684						T__				a_e		
CLL	80.92		P	14:09:03.744	0.0	59.2		5.21		TAS		13.7	0.78	a_e	mb	5.0
CLZ	82.07		P	14:09:10.494	0.0	59.2		5.21		TAS		30.6	1.02	a_e	mb	5.4
CLZ	82.07		S	14:19:31.038						T__				m_e		
FLT1	81.36		P	14:09:05.944	0.0	59.2		5.21		TAS		8.3	0.85	a_e	mb	4.8
FUR	83.47		P	14:09:17.694	-0.7	59.2		5.21		TAS		72.5	1.03	m_e	mb	5.8
FUR	83.47		S	14:19:38.934						T__				a_e		
GEC2	81.73		P	14:09:08.494	-0.1	59.2		5.21		TAS		15.5	0.90	m_e	mb	5.1
GRA1	82.72		P	14:09:13.844	-0.2	59.2		5.21		TAS		43.5	1.15	a_e	mb	5.6
GRA1	82.72		S	14:19:32.434						T__				a_e		
GRA1	82.72		L	14:51:19.665						T__		28724.1	18.60	a_e	Ms	6.7
GTTG	82.44		P	14:09:12.194	-0.1	59.2		5.21		TAS		25.4	1.08	a_e	mb	5.3
GTTG	82.44		S	14:19:29.884						T__				a_e		
HLG	82.11		S	14:19:25.034						T__				a_e		
IBBN	83.19		P	14:09:15.744	-0.4	59.2		5.21		TAS		13.9	0.86	a_e	mb	5.2
IBBN	83.19		S	14:19:35.984						T__				a_e		
KAST	83.45		P	14:09:17.486	-0.2	59.2		5.21		TAS		6.9	0.96	m_e	mb	4.9
KAST	83.45		S	14:19:39.534						T__				a_e		

MANZ	82.07	P	14:09:10.344	0.3	59.2	5.21	TAS	2.4	1.00	a_e	mb	4.3
MANZ	82.07	S	14:19:34.096				T__				m_e	
MOX	82.01	P	14:09:09.844	0.2	59.2	5.21	TAS	9.3	0.92	a_e	mb	4.9
MOX	82.01	S	14:19:24.284				T__				a_e	
MOX	82.01	L	14:50:25.322				T__	38253.7	18.50	a_e	Ms	6.8
NEUB	81.65	P	14:09:07.794	0.1	59.2	5.21	TAS	25.4	1.03	a_e	mb	5.3
NRDL	81.87	P	14:09:09.444	0.2	59.2	5.21	TAS	12.4	1.07	a_e	mb	5.0
NRDL	81.87	S	14:19:23.784				T__				a_e	
PLN	81.79	P	14:09:08.644	-0.0	59.2	5.21	TAS				a_e	
RETH	82.13	P	14:09:10.444	0.0	59.2	5.21	TAS				a_e	
RETH	82.13	S	14:19:24.534				T__				a_e	
RJOB	82.80	P	14:09:13.994	0.2	59.2	5.21	TAS	38.8	0.97	a_e	mb	5.6
RJOB	82.80	S	14:19:32.484				T__				a_e	
ROTZ	82.13	P	14:09:10.794	0.3	59.2	5.21	TAS	4.1	1.02	a_e	mb	4.5
ROTZ	82.13	S	14:19:32.315				T__				m_e	
RUE	79.93	P	14:08:59.094	-0.1	59.2	5.21	TAS	30.7	0.93	a_e	mb	5.2
STU	84.33	P	14:09:21.294	0.7	59.2	5.21	TAS	38.3	0.98	a_e	mb	5.6
STU	84.33	S	14:19:47.684				T__				a_e	
TANN	81.66	P	14:09:08.044	0.1	59.2	5.21	TAS	5.0	0.86	a_e	mb	4.7
TNS	83.96	P	14:09:19.794	0.2	59.2	5.21	TAS	5.9	0.78	a_e	mb	4.9
TNS	83.96	S	14:19:44.834				T__				a_e	
UBBA	82.80	P	14:09:13.894	0.2	59.2	5.21	TAS	96.7	1.79	a_e	mb	5.7
UBBA	82.80	S	14:19:32.634				T__				a_e	
UBR	84.39	P	14:09:21.694		59.2	5.21	TAS	16.7	0.90	a_e	mb	5.3
UBR	84.39	S	14:19:48.184				T__				a_e	
WET	82.06	P	14:09:10.344	0.3	59.2	5.21	TAS	7.6	0.94	a_e	mb	4.8
WET	82.06	S	14:19:32.416				T__				m_e	
WLF	85.50	P	14:09:28.711		59.2	5.21	TAS	43.1	1.10	m_e	mb	5.5
WLF	85.50	S	14:20:01.134				T__				a_e	

Event 80205005 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/05	16:07:08.37			-19.4390	-174.4760				148.9	4.9		26		145.37	151.58	m i ke	BGR
	80205011																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	147.13		PKPbc	16:26:33.203	0.1	10.6		2.66		TAS					m_e
BFO	151.09		PKPbc	16:26:44.056		10.6		2.66		TAS					m_e
BRG	147.93		PKPbc	16:26:36.138	-0.0	10.6		2.66		TAS					a_e
BSEG	145.37		PKPbc	16:26:28.543	-0.2	10.6		2.66		TAS					m_e
BUG	148.04		PKPbc	16:26:36.152	0.4	10.6		2.66		TAS					m_e
CLL	147.66		PKPbc	16:26:35.288	0.1	10.6		2.66		TAS					a_e
CLZ	147.44		PKPbc	16:26:35.018	-0.4	10.6		2.66		TAS					m_e

FLT1	146.87	PKPbc	16:26:32.938	0.4	10.6	2.66	TAS	m_e
FUR	150.97	PKPbc	16:26:43.738		10.6	2.66	TAS	a_e
GEC2	149.93	PKPbc	16:26:41.150		10.6	2.66	TAS	m_e
GRA1	149.47	PKPbc	16:26:40.379	-0.5	10.6	2.66	TAS	m_e
GTTG	147.77	PKPbc	16:26:35.946	0.2	10.6	2.66	TAS	m_e
IBBN	147.15	PKPbc	16:26:34.345	0.2	10.6	2.66	TAS	m_e
KAST	148.22	PKPbc	16:26:36.988	0.2	10.6	2.66	TAS	a_e
MANZ	149.07	PKPbc	16:26:39.388	0.0	10.6	2.66	TAS	a_e
MANZ	149.07	pPKPbc	16:27:17.287				T__	m_e
MOX	148.49	PKPbc	16:26:37.638	0.2	10.6	2.66	TAS	a_e
NEUB	147.93	PKPbc	16:26:36.138	0.3	10.6	2.66	TAS	a_e
NRDL	146.82	PKPbc	16:26:33.188	0.0	10.6	2.66	TAS	a_e
ROTZ	149.27	PKPbc	16:26:39.738	-0.4	10.6	2.66	TAS	m_e
ROTZ	149.27	pPKPbc	16:27:19.995				T__	m_e
STU	150.59	PKPbc	16:26:43.088		10.6	2.66	TAS	a_e
TANN	148.60	PKPbc	16:26:38.088	0.5	10.6	2.66	TAS	a_e
TANN	148.60	PKPab	16:26:41.015		10.6	2.66	TAS	m_e
TNS	149.20	PKPbc	16:26:39.660	-0.3	10.6	2.66	TAS	m_e
UBBA	148.49	PKPbc	16:26:37.441	0.3	10.6	2.66	TAS	m_e
UBR	151.58	PKPbc	16:26:45.138		10.6	2.66	TAS	a_e
WET	149.78	PKPbc	16:26:40.977		10.6	2.66	TAS	m_e
WLF	149.84	PKPbc	16:26:41.988		10.6	2.66	TAS	a_e

Event 80205006 Zaire

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/05	16:37:51.53			-7.5810	27.8430				13.4	1.9		24		57.22	63.05	m i ke	BGR
	80205012																

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	80205012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	60.62		P	16:48:04.531	0.8	160.7		6.94		TAS		10.4	0.92	m_e	mb 4.7
ASSE	61.27		P	16:48:08.141	0.4	160.7		6.94		TAS		9.8	1.14	m_e	mb 4.5
ASSE	61.27		pP	16:48:12.366						T__				m_e	
BFO	58.27		P	16:47:47.009	-0.4	160.7		6.94		TAS		3.7	0.77	m_e	mb 4.5
BRG	59.45		P	16:47:55.685	0.1	160.7		6.94		TAS		3.2	0.81	m_e	mb 4.4
BSEG	63.05		P	16:48:19.908		160.7		6.94		TAS		5.9	0.82	m_e	mb 4.8
BSEG	63.05		pP	16:48:23.304						T__				m_e	
CLL	60.03		P	16:47:59.615	-0.1	160.7		6.94		TAS		10.1	1.10	m_e	mb 4.8
CLL	60.03		pP	16:48:03.733						T__				m_e	
CLZ	61.06		P	16:48:07.188	-0.2	160.7		6.94		TAS		3.6	0.83	m_e	mb 4.2
FLT1	61.34		P	16:48:08.745	-0.8	160.7		6.94		TAS		7.3	0.81	m_e	mb 4.6
FUR	57.40		P	16:47:41.159	-0.4	160.7		6.94		TAS		10.7	0.68	m_e	mb 5.0
GEC2	57.54		P	16:47:42.771	0.3	160.7		6.94		TAS		7.0	0.84	m_e	mb 4.7

Station	Mag	Type	Time	Lat	Long	Smaj	Smin	Az	Depth	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	58.85	P	16:47:51.604	-0.0	160.7			6.94		TAS	19.8	0.86	m_e	mb	5.2
GRA1	58.85	pP	16:47:55.031							T__				m_e	
KAST	60.90	P	16:48:05.749	0.2	160.7			6.94		TAS	6.0	0.91	m_e	mb	4.4
MANZ	58.94	P	16:47:52.409	0.1	160.7			6.94		TAS	3.1	0.93	m_e	mb	4.3
MOX	59.67	P	16:47:57.503	0.2	160.7			6.94		TAS	3.9	0.90	m_e	mb	4.4
NEUB	60.16	P	16:48:01.132	0.4	160.7			6.94		TAS	29.8	0.84	m_e	mb	5.4
NEUB	60.16	pP	16:48:04.619							T__				m_e	
NRDL	61.73	P	16:48:11.963		160.7			6.94		TAS	8.4	0.88	m_e	mb	5.0
ROTZ	58.72	P	16:47:50.594	-0.1	160.7			6.94		TAS	0.9	0.83	m_e	mb	3.8
STU	58.46	P	16:47:49.935	1.1	160.7			6.94		TAS	27.5	0.70	m_e	mb	5.4
TANN	59.28	P	16:47:55.100	0.5	160.7			6.94		TAS	4.5	0.80	m_e	mb	4.6
TNS	59.98	P	16:47:59.322	-0.1	160.7			6.94		TAS	17.1	0.83	m_e	mb	5.1
TNS	59.98	pP	16:48:02.708							T__				m_e	
UBBA	60.18	P	16:48:00.295	-0.5	160.7			6.94		TAS	3.6	0.76	m_e	mb	4.5
UBR	57.22	P	16:47:39.210	-1.0	160.7			6.94		TAS	6.9	0.83	m_e	mb	4.7
WET	57.99	P	16:47:45.564	-0.1	160.7			6.94		TAS	2.8	0.76	m_e	mb	4.4
WLF	60.07	P	16:47:59.591	-0.1	160.7			6.94		TAS	15.0	1.04	m_e	mb	5.0

Event 80205007 Bonin Islands, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/05	20:56:18.96			27.3000	141.2800				450.0			31		87.03	93.72	m i ke	BGR
80205013																	

Magnitude Err Nsta Author
mb 5.8 BGR

OrigID
80205013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	92.56		P	21:08:41.159	-0.1	42.8		4.66		TAS		19.1	0.82	a_e	mb 5.6
ASSE	89.88		P	21:08:28.496	0.0	42.8		4.66		TAS		6.3	0.43	m_e	mb 5.2
ASSE	89.88		PP	21:12:09.471						T__				m_e	
BFO	93.72		P	21:08:46.159	0.4	42.8		4.66		TAS		41.4	0.59	a_e	mb 5.9
BFO	93.72		PP	21:12:37.202						T__				m_e	
BRG	89.37		P	21:08:26.209	0.0	42.8		4.66		TAS		49.0	0.69	a_e	mb 5.9
BSEG	88.68		P	21:08:23.109	0.1	42.8		4.66		TAS		88.9	0.85	a_e	mb 6.0
BSEG	88.68		PP	21:11:59.058						T__				m_e	
BUG	91.79		P	21:08:37.109	-0.0	42.8		4.66		TAS		35.6	0.84	a_e	mb 5.7
CLL	89.48		P	21:08:26.459	-0.2	42.8		4.66		TAS		54.0	0.78	a_e	mb 5.8
CLL	89.48		PP	21:12:06.094						T__				m_e	
CLZ	90.21		P	21:08:30.309	0.1	42.8		4.66		TAS		37.7	0.68	a_e	mb 5.7
CLZ	90.21		PP	21:12:10.550						T__				m_e	
FLT1	89.49		P	21:08:26.259	-0.5	42.8		4.66		TAS		71.2	0.88	a_e	mb 5.9
FUR	92.53		P	21:08:41.109	0.1	42.8		4.66		TAS		144.4	0.63	a_e	mb 6.6
GEC2	90.92		P	21:08:33.209	0.4	42.8		4.66		TAS		52.1	0.59	m_e	mb 6.0
GEC2	90.92		PP	21:12:16.027						T__				m_e	
GRA1	91.43		P	21:08:36.259	0.0	42.8		4.66		TAS		110.5	0.98	a_e	mb 6.2

GTTG	90.60	P	21:08:31.959	0.2	42.8	4.66	TAS	32.5	0.56	a_e	mb	5.9
IBBN	90.93	P	21:08:33.515	-0.2	42.8	4.66	TAS	70.0	0.38	m_e	mb	6.4
KAST	91.50	P	21:08:36.109	-0.3	42.8	4.66	TAS	15.8	0.57	a_e	mb	5.5
KAST	91.50	PP	21:12:22.094				T__				m_e	
MANZ	90.83	P	21:08:33.159	-0.2	42.8	4.66	TAS	13.6	0.97	a_e	mb	5.2
MOX	90.56	P	21:08:31.779	0.0	42.8	4.66	TAS	25.5	0.71	m_e	mb	5.7
MOX	90.56	PP	21:12:13.566				T__				m_e	
NEUB	90.10	P	21:08:29.509	-0.1	42.8	4.66	TAS	114.9	0.91	a_e	mb	6.1
NRDL	89.84	P	21:08:28.359	-0.1	42.8	4.66	TAS	21.0	0.80	a_e	mb	5.4
PLN	90.44	P	21:08:31.259	0.0	42.8	4.66	TAS		0.96	a_e		
RETH	89.96	P	21:08:28.859	0.2	42.8	4.66	TAS		0.91	a_e		
RGN	87.03	P	21:08:15.244	-0.0	42.8	4.66	TAS	92.1	0.77	m_e	mb	6.0
RGN	87.03	PP	21:11:46.959				T__				m_e	
ROTZ	90.94	P	21:08:33.909	0.1	42.8	4.66	TAS	12.4	0.73	a_e	mb	5.3
ROTZ	90.94	PP	21:12:14.528				T__				m_e	
RUE	88.31	P	21:08:21.259	0.0	42.8	4.66	TAS	34.8	0.44	a_e	mb	6.0
STU	93.01	P	21:08:43.059	-0.4	42.8	4.66	TAS	205.8	0.87	a_e	mb	6.6
TANN	90.36	P	21:08:30.859	0.1	42.8	4.66	TAS	23.4	0.82	a_e	mb	5.5
TNS	92.23	P	21:08:39.509	0.2	42.8	4.66	TAS	19.7	0.53	a_e	mb	5.7
TNS	92.23	PP	21:12:26.311				T__				m_e	
UBBA	91.13	P	21:08:34.203	0.5	42.8	4.66	TAS	12.0	0.50	m_e	mb	5.5
UBBA	91.13	PP	21:12:17.617				T__				m_e	
UBR	93.42	P	21:08:44.609	-0.3	42.8	4.66	TAS	25.1	0.66	a_e	mb	5.8
UBR	93.42	PP	21:12:36.531				T__				m_e	
WET	91.08	P	21:08:34.309	0.1	42.8	4.66	TAS	58.6	1.12	a_e	mb	5.8
WET	91.08	PP	21:12:18.569				T__				m_e	
WLF	93.61	P	21:08:46.309		42.8	4.66	TAS	41.4	0.81	a_e	mb	5.8
WLF	93.61	PP	21:12:36.129				T__				m_e	

Event 80205008 Northern and central Siberia, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/05	21:04:21.30			61.8200	89.6260				10.0			27		38.67	45.30	m i ke	BGR
80205014																	

Magnitude Err Nsta Author OrigID
mb 4.8 BGR 80205014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	44.20		P	21:12:30.121		42.9		8.11		TAS		7.8	0.75	m_e	mb	4.5
ASSE	41.49		P	21:12:06.025	0.3	42.9		8.11		TAS		13.8	1.02	m_e	mb	4.6
BFO	45.30		P	21:12:37.393		42.9		8.11		TAS		10.9	0.94	m_e	mb	4.8
BRG	40.95		P	21:12:03.367	-3.5	42.9		8.11		TAS		9.9	0.78	m_e	mb	4.6
BSEG	40.37		P	21:12:01.591	4.0	42.9		8.11		TAS		35.3	1.00	m_e	mb	4.9
BUG	43.45		P	21:12:22.603	-1.1	42.9		8.11		TAS		12.9	0.93	m_e	mb	4.6
CLL	41.05		P	21:12:00.501	-1.9	42.9		8.11		TAS		16.6	0.75	m_e	mb	4.8

CLZ	41.82	P	21:12:09.929	-1.7	42.9	8.11	TAS	22.6	0.89	m_e	mb	4.9
FLT1	41.10	P	21:12:02.281	-0.9	42.9	8.11	TAS	12.3	0.90	m_e	mb	4.6
GEC2	42.52	P	21:12:15.885	-0.6	42.9	8.11	TAS	9.9	0.78	m_e	mb	4.6
GRA1	43.01	P	21:12:19.343	2.8	42.9	8.11	TAS	14.7	0.84	m_e	mb	4.7
GTTG	42.21	P	21:12:11.478	0.1	42.9	8.11	TAS	18.1	0.83	m_e	mb	4.8
HLG	41.22	P	21:12:02.844	-0.6	42.9	8.11	TAS	143.5	1.01	m_e	mb	5.7
IBBN	42.62	P	21:12:14.078	-0.1	42.9	8.11	TAS	26.1	0.89	m_e	mb	5.0
KAST	43.13	P	21:12:22.231	1.0	42.9	8.11	TAS	12.3	0.83	m_e	mb	4.7
MOX	42.14	P	21:12:14.212	-1.7	42.9	8.11	TAS	15.6	0.82	m_e	mb	4.8
NEUB	41.68	P	21:12:09.374	1.4	42.9	8.11	TAS	18.8	0.77	m_e	mb	4.9
NRDL	41.47	P	21:12:06.404	-1.2	42.9	8.11	TAS	14.7	0.96	m_e	mb	4.7
RGN	38.67	P	21:11:44.264	0.1	42.9	8.11	TAS	91.6	0.99	m_e	mb	5.4
ROTZ	42.52	P	21:12:14.313	1.8	42.9	8.11	TAS	4.3	1.10	m_e	mb	4.1
RUE	39.89	P	21:11:56.955	2.4	42.9	8.11	TAS	37.7	0.94	m_e	mb	5.0
STU	44.59	P	21:12:35.508		42.9	8.11	TAS	49.8	0.72	m_e	mb	5.5
TNS	43.84	P	21:12:26.799	-1.1	42.9	8.11	TAS	12.0	0.93	m_e	mb	4.6
UBBA	42.72	P	21:12:17.562	1.1	42.9	8.11	TAS	7.7	0.93	m_e	mb	4.4
UBR	45.00	P	21:12:37.005		42.9	8.11	TAS	11.5	0.81	m_e	mb	4.9
WET	42.67	P	21:12:17.164	0.4	42.9	8.11	TAS	11.9	0.88	m_e	mb	4.6
WLF	45.25	P	21:12:36.458		42.9	8.11	TAS	10.1	0.88	m_e	mb	4.8

Event 80206004 Taiwan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/06	15:50:44.07			24.1180	121.6890				15.0			32		80.65	86.97	m i ke	BGR
80206010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	80206010
Ms	6.8		BGR	80206010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	85.98	P		16:03:22.689		59.3		5.09		TAS		120.0	1.63	a_e	mb	5.8
ASSE	83.23	P		16:03:08.839	0.5	59.3		5.09		TAS		119.6	1.79	a_e	mb	5.8
BFO	86.51	P		16:03:24.789	-0.1	59.3		5.09		TAS		82.8	1.66	a_e	mb	5.6
BRG	82.07	P		16:03:02.639	-0.2	59.3		5.09		TAS		26.0	0.98	a_e	mb	5.3
BSEG	82.48	P		16:03:04.889	0.1	59.3		5.09		TAS		36.6	0.97	a_e	mb	5.5
BUG	85.38	P		16:03:19.539	-0.0	59.3		5.09		TAS		120.3	1.32	a_e	mb	6.0
CLL	82.38	P		16:03:03.889	-0.5	59.3		5.09		TAS		44.5	0.89	a_e	mb	5.6
CLZ	83.54	P		16:03:10.689	0.4	59.3		5.09		TAS		76.0	1.17	a_e	mb	5.8
FLT1	82.83	P		16:03:06.139	0.3	59.3		5.09		TAS		61.1	1.33	a_e	mb	5.7
FUR	84.93	P		16:03:17.739	0.1	59.3		5.09		TAS		169.5	0.99	a_e	mb	6.2
GEC2	83.19	P		16:03:08.539	0.0	59.3		5.09		TAS		62.1	1.09	m_e	mb	5.8
GRA1	84.18	P		16:03:13.939	0.2	59.3		5.09		TAS		124.6	1.11	a_e	mb	6.1
GRA1	84.18	L		16:41:45.623						T__	30652.9	19.50		a_e	Ms	6.7
GTTG	83.91	P		16:03:12.339	0.3	59.3		5.09		TAS		53.8	0.97	a_e	mb	5.7

IBBN	84.66	P	16:03:15.989	0.1	59.3	5.09	TAS	208.6	1.71	a_e	mb	6.1
KAST	84.91	P	16:03:17.339	-0.4	59.3	5.09	TAS	99.4	1.69	a_e	mb	5.8
MANZ	83.53	P	16:03:10.489	0.0	59.3	5.09	TAS	11.4	1.16	a_e	mb	5.0
MOX	83.47	P	16:03:09.989	0.1	59.3	5.09	TAS	78.7	1.48	a_e	mb	5.7
MOX	83.47	L	16:45:39.639				T__	48320.6	18.40	a_e	Ms	6.9
NEUB	83.11	P	16:03:07.939	-0.5	59.3	5.09	TAS	63.7	1.02	a_e	mb	5.8
NRDL	83.34	P	16:03:09.689	0.4	59.3	5.09	TAS	125.4	1.57	m_e	mb	5.9
PLN	83.25	P	16:03:08.789	-0.2	59.3	5.09	TAS	31.7	1.11	a_e	mb	5.5
RETH	83.60	P	16:03:10.889	0.4	59.3	5.09	TAS	244.2	2.17	a_e	mb	6.1
RGN	80.65	P	16:02:55.139	-0.4	59.3	5.09	TAS	87.0	0.95	a_e	mb	5.8
RJOB	84.26	P	16:03:13.989	0.0	59.3	5.09	TAS	91.9	0.96	a_e	mb	6.0
ROTZ	83.59	P	16:03:10.889	0.2	59.3	5.09	TAS	16.7	1.20	a_e	mb	5.1
RUE	81.40	P	16:02:59.189	-0.2	59.3	5.09	TAS			a_e		
STU	85.79	P	16:03:21.339	-0.1	59.3	5.09	TAS	108.3	1.05	a_e	mb	5.9
TANN	83.12	P	16:03:08.189	0.0	59.3	5.09	TAS	82.2	1.64	a_e	mb	5.7
TNS	85.42	P	16:03:19.939	-0.6	59.3	5.09	TAS	116.6	1.80	a_e	mb	5.8
UBBA	84.27	P	16:03:14.039	-0.3	59.3	5.09	TAS	188.9	2.05	a_e	mb	6.0
UBR	85.85	P	16:03:21.789	0.1	59.3	5.09	TAS	63.0	1.06	a_e	mb	5.7
WET	83.51	P	16:03:10.489	-0.1	59.3	5.09	TAS	80.8	1.52	a_e	mb	5.7
WLF	86.97	P	16:03:27.639		59.3	5.09	TAS	171.1	1.44	a_e	mb	6.0

Event 80206005 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/06	18:37:59.93			-19.3570	170.4060			251.6				25		142.24	147.66	m i ke	BGR
OrigID 80206011																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	146.18		PKPbc	18:57:08.836		36.2		3.10		TAS				m_e	
BFO	147.66		PKPbc	18:57:12.428		36.2		3.10		TAS				m_e	
BFO	147.66		pPKPbc	18:58:14.888						T__				m_e	
BRG	143.45		PKPbc	18:57:00.521	-0.1	36.2		3.10		TAS				m_e	
BSEG	142.24		PKPbc	18:56:56.301	0.0	36.2		3.10		TAS				m_e	
BUG	145.34		PKPbc	18:57:05.529	-0.4	36.2		3.10		TAS				m_e	
CLL	143.48		PKPbc	18:56:59.198	-0.2	36.2		3.10		TAS				m_e	
CLZ	143.99		PKPbc	18:57:01.632	0.0	36.2		3.10		TAS				m_e	
FLT1	143.29		PKPbc	18:56:59.304	-0.4	36.2		3.10		TAS				m_e	
FUR	146.66		PKPbc	18:57:09.686		36.2		3.10		TAS				m_e	
FUR	146.66		pPKPbc	18:58:12.673						T__				m_e	
GEC2	145.11		PKPbc	18:57:04.606	0.1	36.2		3.10		TAS				m_e	
GRA1	145.46		PKPbc	18:57:07.394		36.2		3.10		TAS				m_e	
IBBN	144.43		PKPbc	18:57:02.918	-0.4	36.2		3.10		TAS				m_e	
KAST	145.19		PKPbc	18:57:05.164	0.2	36.2		3.10		TAS				m_e	
MANZ	144.88		PKPbc	18:57:04.268	0.4	36.2		3.10		TAS				m_e	

MOX	144.54	PKPbc	18:57:02.925	0.2	36.2	3.10	TAS	m_e
NEUB	144.03	PKPbc	18:57:01.163	-0.4	36.2	3.10	TAS	m_e
RJOB	146.34	PKPbc	18:57:08.565		36.2	3.10	TAS	m_e
RJOB	146.34	pPKPbc	18:58:12.556				T__	m_e
ROTZ	145.01	PKPbc	18:57:04.606	-0.0	36.2	3.10	TAS	m_e
STU	146.97	PKPbc	18:57:10.774		36.2	3.10	TAS	m_e
STU	146.97	pPKPbc	18:58:13.558				T__	m_e
TANN	144.40	PKPbc	18:57:02.584	0.0	36.2	3.10	TAS	m_e
TNS	146.01	PKPbc	18:57:07.989		36.2	3.10	TAS	m_e
TNS	146.01	pPKPbc	18:58:09.433				T__	m_e
UBBA	144.98	PKPbc	18:57:04.322	-0.3	36.2	3.10	TAS	m_e
UBR	147.51	PKPbc	18:57:12.139		36.2	3.10	TAS	m_e
UBR	147.51	pPKPbc	18:58:15.501				T__	m_e
WET	145.23	PKPbc	18:57:05.318	-0.2	36.2	3.10	TAS	m_e
WLF	147.24	PKPbc	18:57:12.007		36.2	3.10	TAS	m_e
WLF	147.24	pPKPbc	18:58:14.530				T__	m_e

Event 80206006 Afghanistan-Tajikistan border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/06	21:54:12.46			38.9800	70.9200				122.6			27		41.04	46.20	m i ke	BGR
OrigID 80206012																	

Magnitude Err Nsta Author OrigID
 mb 4.7 BGR 80206012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	45.44		P	22:02:21.168		82.2		7.99		TAS		11.2	0.78	m_e mb	4.9
ASSE	42.97		P	22:02:00.470	-0.1	82.2		7.99		TAS		3.3	0.60	m_e mb	4.2
BFO	45.09		P	22:02:17.759		82.2		7.99		TAS		6.8	0.83	m_e mb	4.6
BRG	41.08		P	22:01:46.338	-0.0	82.2		7.99		TAS		20.2	0.79	m_e mb	4.9
BSEG	42.99		P	22:02:01.732	0.3	82.2		7.99		TAS		21.7	0.75	m_e mb	5.0
BUG	45.16		P	22:02:19.359		82.2		7.99		TAS		28.7	1.17	m_e mb	5.1
CLL	41.62		P	22:01:50.194	-0.5	82.2		7.99		TAS		16.7	0.74	m_e mb	4.9
CLZ	43.19		P	22:02:03.046	-0.5	82.2		7.99		TAS		10.2	0.72	m_e mb	4.7
FLT1	42.60		P	22:01:57.852	-0.9	82.2		7.99		TAS		36.3	0.77	m_e mb	5.2
GEC2	41.49		P	22:01:49.397	0.1	82.2		7.99		TAS		8.7	0.99	m_e mb	4.4
GRA1	42.96		P	22:02:02.164	0.8	82.2		7.99		TAS		37.1	1.09	m_e mb	5.0
GTTG	43.48		P	22:02:05.533	0.3	82.2		7.99		TAS		35.7	0.89	m_e mb	5.1
IBBN	44.72		P	22:02:15.169		82.2		7.99		TAS		17.3	0.74	m_e mb	5.1
MANZ	42.35		P	22:01:56.582	-0.3	82.2		7.99		TAS		1.8	0.85	m_e mb	3.8
MOX	42.57		P	22:01:58.197	0.8	82.2		7.99		TAS		10.8	0.82	m_e mb	4.6
NEUB	42.40		P	22:01:56.647	-0.1	82.2		7.99		TAS		21.0	0.84	m_e mb	4.9
NRDL	43.27		P	22:02:03.997	0.3	82.2		7.99		TAS		20.0	0.84	m_e mb	4.9
RGN	41.19		P	22:01:47.046	0.7	82.2		7.99		TAS		71.1	0.87	m_e mb	5.4
RJOB	42.26		P	22:01:54.954	-0.1	82.2		7.99		TAS		5.7	0.58	m_e mb	4.5

ROTZ	42.32	P	22:01:56.750	0.1	82.2	7.99	TAS	3.0	1.05	m_e	mb	4.0
RUE	41.04	P	22:01:45.121	-0.8	82.2	7.99	TAS	14.2	0.75	m_e	mb	4.8
TANN	42.07	P	22:01:54.266	-0.0	82.2	7.99	TAS	8.1	0.87	m_e	mb	4.5
TNS	44.64	P	22:02:15.091		82.2	7.99	TAS	6.3	0.79	m_e	mb	4.6
UBBA	43.56	P	22:02:05.738	-0.1	82.2	7.99	TAS	7.7	0.60	m_e	mb	4.6
UBR	44.06	P	22:02:09.789	0.4	82.2	7.99	TAS	17.7	0.72	m_e	mb	4.9
WET	41.98	P	22:01:53.626	0.3	82.2	7.99	TAS	12.8	1.05	m_e	mb	4.6
WLF	46.20	P	22:02:27.031		82.2	7.99	TAS	15.7	0.74	m_e	mb	5.1
WLF	46.20	pP	22:02:54.989				T__				m_e	

Event 80208001 North of Svalbard

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/08	02:29:20.57			80.0590	3.5620				10.0			20		25.82	32.59	m i ke	BGR
80208007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	80208007
Ms	4.7		BGR	80208007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	29.67		P	02:35:21.394	0.4	357.4		8.82		TAS		18.8	0.89	m_e	mb	4.9
ASSE	28.15		P	02:35:11.153		357.4		8.82		TAS		41.1	1.26	m_e	mb	5.1
BFO	31.90		P	02:35:40.891		357.4		8.82		TAS		14.0	1.01	m_e	mb	4.8
BRG	29.52		P	02:35:20.166	0.6	357.4		8.82		TAS		19.1	0.89	m_e	mb	4.9
BSEG	26.33		P	02:34:52.216	-0.1	357.4		8.82		TAS		75.9	0.93	m_e	mb	5.3
CLL	29.05		P	02:35:15.180	-0.0	357.4		8.82		TAS		20.9	0.95	m_e	mb	4.9
CLZ	28.43		P	02:35:12.030	0.1	357.4		8.82		TAS		47.8	1.09	m_e	mb	5.2
FLT1	27.97		P	02:35:06.877	-1.2	357.4		8.82		TAS		36.8	0.91	m_e	mb	5.2
GEC2	31.54		P	02:35:38.960		357.4		8.82		TAS		27.9	0.94	m_e	mb	5.2
GRA1	30.61		P	02:35:30.824		357.4		8.82		TAS		26.2	0.91	m_e	mb	5.2
GRA1	30.61		L	02:45:41.562						T__		1627.3	21.20	a_e	Ms	4.7
KAST	29.03		P	02:35:14.957		357.4		8.82		TAS		20.1	0.94	m_e	mb	4.9
MOX	29.66		P	02:35:22.002	-0.5	357.4		8.82		TAS		39.2	0.90	m_e	mb	5.2
MOX	29.66		L	02:46:33.876						T__		1610.3	18.00	a_e	Ms	4.7
NEUB	29.12		P	02:35:16.343	0.4	357.4		8.82		TAS		35.5	0.94	m_e	mb	5.2
NRDL	27.77		P	02:35:05.302	-1.3	357.4		8.82		TAS		61.7	1.05	m_e	mb	5.4
RGN	25.82		P	02:34:49.563	1.6	357.4		8.82		TAS		141.8	0.98	m_e	mb	5.6
ROTZ	30.56		P	02:35:29.991		357.4		8.82		TAS		6.8	0.91	m_e	mb	4.6
RUE	27.91		P	02:35:06.053		357.4		8.82		TAS		52.1	1.05	m_e	mb	5.3
STU	31.47		P	02:35:38.213		357.4		8.82		TAS		100.0	0.95	m_e	mb	5.7
TANN	29.92		P	02:35:24.123		357.4		8.82		TAS		25.3	0.95	m_e	mb	5.0
TNS	30.01		P	02:35:25.760		357.4		8.82		TAS		24.4	1.08	m_e	mb	5.0
UBBA	29.44		P	02:35:18.904	0.3	357.4		8.82		TAS		18.2	1.14	m_e	mb	4.8
UBR	32.59		P	02:35:48.243		357.4		8.82		TAS		10.3	0.85	m_e	mb	4.8
WET	31.21		P	02:35:36.023		357.4		8.82		TAS		15.2	0.96	m_e	mb	4.9

WLF 30.53 P 02:35:30.383 357.4 8.82 TAS 13.2 0.99 m_e mb 4.8

Event 80208003 Rat Islands, Aleutian Islands, United States

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2018/02/08 11:04:04.93 52.6700 179.2000 251.7 7.2 30 72.51 79.60 m i ke BGR
80208009

Magnitude Err Nsta Author OrigID
mb 5.5 BGR 80208009

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. It lists various station data points for the event.

UBR	79.60	P	11:15:45.633		7.7		5.58	TAS	34.7	1.13	a_e	mb	5.2
UBR	79.60	pP	11:16:45.740	30.7				T__				m_e	
WET	77.90	P	11:15:36.633	-0.5	7.7		5.58	TAS	28.4	1.15	a_e	mb	5.3
WLF	77.87	P	11:15:36.498	-0.2	7.7		5.58	TAS	42.4	0.96	m_e	mb	5.5

Event 80209003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/09	11:43:54.30			-17.8800	-178.6200				528.0			27		144.13	149.43	m i ke	EMSC
	80209035																

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	145.05		PKPbc	12:02:31.360	0.1	16.6		2.76		TAS					m_e
BFO	149.10		PKPbc	12:02:42.303		16.6		2.76		TAS					a_e
BFO	149.10		PKPab	12:02:49.483						T__					m_e
BRG	145.59		PKPbc	12:02:33.184	0.2	16.6		2.76		TAS					m_e
CLL	145.39		PKPbc	12:02:32.403	0.0	16.6		2.76		TAS					a_e
CLZ	145.38		PKPbc	12:02:32.603	0.1	16.6		2.76		TAS					a_e
FLT1	144.76		PKPbc	12:02:30.153	0.2	16.6		2.76		TAS					a_e
FUR	148.73		PKPbc	12:02:41.553		16.6		2.76		TAS					a_e
FUR	148.73		PKPab	12:02:48.371						T__					m_e
GEC2	147.53		PKPdf	12:02:34.547						T__					m_e
GEC2	147.53		PKPbc	12:02:38.579		16.6		2.76		TAS					m_e
GEC2	147.53		PKPab	12:02:43.446						T__					m_e
GRA1	147.29		PKPbc	12:02:38.101	-0.4	16.6		2.76		TAS					m_e
GRA1	147.29		PKPab	12:02:42.625						T__					m_e
GTTG	145.73		PKPbc	12:02:33.593	0.2	16.6		2.76		TAS					m_e
IBBN	145.28		PKPbc	12:02:32.068	0.3	16.6		2.76		TAS					m_e
KAST	146.28		PKPbc	12:02:34.966	0.4	16.6		2.76		TAS					m_e
MANZ	146.83		PKPbc	12:02:36.704	0.3	16.6		2.76		TAS					m_e
MOX	146.30		PKPbc	12:02:35.092	0.2	16.6		2.76		TAS					m_e
NEUB	145.75		PKPbc	12:02:33.503	0.3	16.6		2.76		TAS					a_e
NRDL	144.78		PKPbc	12:02:30.553	-0.0	16.6		2.76		TAS					a_e
PLN	146.34		PKPbc	12:02:35.303	0.5	16.6		2.76		TAS					a_e
RETH	144.66		PKPbc	12:02:30.203	-0.2	16.6		2.76		TAS					a_e
RJOB	148.79		PKPbc	12:02:41.441		16.6		2.76		TAS					m_e
ROTZ	147.02		PKPbc	12:02:37.303	0.0	16.6		2.76		TAS					m_e
RUE	144.13		PKPbc	12:02:28.449	-0.1	16.6		2.76		TAS					m_e
STU	148.54		PKPbc	12:02:41.103		16.6		2.76		TAS					a_e
STU	148.54		PKPab	12:02:47.212						T__					m_e
TANN	146.35		PKPbc	12:02:35.403	0.1	16.6		2.76		TAS					a_e
TNS	147.24		PKPbc	12:02:37.753	-0.5	16.6		2.76		TAS					a_e
TNS	147.24		PKPab	12:02:41.995						T__					m_e
UBR	149.43		PKPbc	12:02:43.103		16.6		2.76		TAS					a_e

WET	147.45	PKPdf	12:02:34.558							T__		m_e
WET	147.45	PKPbc	12:02:38.310	-0.5	16.6			2.76		TAS		m_e
WET	147.45	PKPab	12:02:43.404							T__		m_e
WLF	148.06	PKPbc	12:02:40.353		16.6			2.76		TAS		a_e

Event 80209005 Near coast of Jalisco, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2018/02/09	14:05:50.54			20.2600	-105.9700				23.0			22		87.72	92.92	m i ke	BGR
80209011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	80209011
Ms	5.7		BGR	80209011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	88.25		P	14:18:40.411	-0.1	303.3		4.67		TAS		40.7	1.13	m_e mb	5.7
ASSE	89.34		P	14:18:45.584	0.1	303.3		4.67		TAS		31.0	1.30	m_e mb	5.4
BRG	91.74		P	14:18:56.559	-0.1	303.3		4.67		TAS		41.4	1.70	m_e mb	5.5
BSEG	88.18		P	14:18:40.232	-0.3	303.3		4.67		TAS		31.6	0.98	m_e mb	5.6
BUG	87.90		P	14:18:38.613	-0.1	303.3		4.67		TAS		19.9	0.93	m_e mb	5.4
CLL	91.00		P	14:18:52.817	-0.0	303.3		4.67		TAS		17.3	1.16	m_e mb	5.3
CLZ	89.34		P	14:18:45.895	-0.2	303.3		4.67		TAS		28.5	0.99	m_e mb	5.5
FLT1	89.52		P	14:18:46.049	0.1	303.3		4.67		TAS		106.0	1.94	m_e mb	5.7
GEC2	92.79		P	14:19:01.570		303.3		4.67		TAS		69.2	1.77	m_e mb	5.8
GEC2	92.79		pP	14:19:08.315						T__				m_e	
GRA1	90.97		P	14:18:53.722		303.3		4.67		TAS		34.9	0.90	m_e mb	5.7
GRA1	90.97		L	14:59:54.413						T__		2861.7	19.50	a_e Ms	5.7
GTTG	89.29		P	14:18:45.518	0.0	303.3		4.67		TAS		56.2	1.59	m_e mb	5.5
IBBN	87.72		P	14:18:38.082	-0.5	303.3		4.67		TAS		25.1	0.87	m_e mb	5.6
KAST	88.64		P	14:18:42.409	-0.0	303.3		4.67		TAS		47.0	1.06	m_e mb	5.6
MANZ	91.28		P	14:18:54.584		303.3		4.67		TAS		25.8	2.22	m_e mb	5.2
MOX	90.65		P	14:18:51.659	0.1	303.3		4.67		TAS		94.4	2.18	m_e mb	5.7
MOX	90.65		L	15:00:43.609						T__		2724.2	18.40	a_e Ms	5.7
NEUB	90.43		P	14:18:50.732	0.1	303.3		4.67		TAS		20.5	1.00	m_e mb	5.3
RJOB	92.92		P	14:19:02.274		303.3		4.67		TAS		29.2	1.07	m_e mb	5.6
ROTZ	91.46		P	14:18:55.515		303.3		4.67		TAS		24.0	2.09	m_e mb	5.2
STU	90.34		P	14:18:49.918		303.3		4.67		TAS		54.4	0.88	m_e mb	5.8
TNS	89.17		P	14:18:44.706		303.3		4.67		TAS		42.6	0.99	m_e mb	5.6
WET	92.17		P	14:18:58.839		303.3		4.67		TAS		62.1	1.64	m_e mb	5.7
WLF	88.17		P	14:18:39.958		303.3		4.67		TAS		40.7	1.17	m_e mb	5.6

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/09	17:43:28.70			17.1390	-62.1750				32.5	0.9		29		63.12	68.16	m i ke	BGR
80209013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	80209013
Ms	4.6		BGR	80209013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	63.79		P	17:53:57.809	0.2	268.9		6.41		TAS		99.9	0.93	m_e	mb	6.0
AHRW	63.79		pP	17:54:06.995	0.3	268.9		6.44		TAS				m_e		
ASSE	66.14		P	17:54:12.983	-0.3	268.9		6.41		TAS		39.4	1.06	m_e	mb	5.6
ASSE	66.14		pP	17:54:22.174	0.4	268.9		6.44		TAS				m_e		
BFO	64.46		P	17:54:01.678	-0.3	268.9		6.41		TAS		13.6	1.08	m_e	mb	5.1
BRG	68.16		P	17:54:25.717		268.9		6.41		TAS		25.0	0.89	m_e	mb	5.5
BRG	68.16		pP	17:54:34.800		268.9		6.44		TAS				m_e		
BSEG	66.03		P	17:54:11.546	-0.3	268.9		6.41		TAS		31.9	1.14	m_e	mb	5.4
BSEG	66.03		pP	17:54:20.749	-0.2	268.9		6.44		TAS				m_e		
BUG	63.99		P	17:53:58.532	-0.3	268.9		6.41		TAS		43.2	1.24	m_e	mb	5.5
BUG	63.99		pP	17:54:07.545	-0.4	268.9		6.44		TAS				m_e		
CLL	67.57		P	17:54:21.581		268.9		6.41		TAS		32.4	0.98	m_e	mb	5.5
CLL	67.57		pP	17:54:30.790		268.9		6.44		TAS				m_e		
CLZ	65.95		P	17:54:11.538	0.1	268.9		6.41		TAS		31.9	0.97	m_e	mb	5.5
CLZ	65.95		pP	17:54:20.639	-0.2	268.9		6.44		TAS				m_e		
FLT1	66.50		P	17:54:14.566	-0.2	268.9		6.41		TAS		36.1	1.03	m_e	mb	5.5
FLT1	66.50		pP	17:54:23.771	0.0	268.9		6.44		TAS				m_e		
GEC2	68.04		P	17:54:24.854		268.9		6.41		TAS		75.8	1.82	m_e	mb	5.6
GEC2	68.04		pP	17:54:33.912		268.9		6.44		TAS				m_e		
GRA1	66.41		P	17:54:14.532	0.1	268.9		6.41		TAS		37.2	1.20	m_e	mb	5.5
GRA1	66.41		pP	17:54:23.705	-0.1	268.9		6.44		TAS				m_e		
GRA1	66.41		L	18:15:21.894						T__		449.9	22.00	a_e	Ms	4.6
GTTG	65.68		P	17:54:09.680	-0.0	268.9		6.41		TAS		33.1	1.11	m_e	mb	5.5
GTTG	65.68		pP	17:54:18.832	0.4	268.9		6.44		TAS				m_e		
IBBN	64.37		P	17:54:01.112	-0.1	268.9		6.41		TAS		63.4	1.01	m_e	mb	5.8
IBBN	64.37		pP	17:54:10.255	-0.0	268.9		6.44		TAS				m_e		
KAST	64.69		P	17:54:03.177	0.2	268.9		6.41		TAS		39.8	1.06	m_e	mb	5.6
KAST	64.69		pP	17:54:12.242	-0.1	268.9		6.44		TAS				m_e		
MANZ	66.99		P	17:54:18.572	0.1	268.9		6.41		TAS		17.0	1.12	m_e	mb	5.2
MANZ	66.99		pP	17:54:27.710	-0.2	268.9		6.44		TAS				m_e		
MOX	66.69		P	17:54:15.893	0.0	268.9		6.41		TAS		7.5	1.02	m_e	mb	4.9
MOX	66.69		L	18:16:47.138						T__		432.5	20.50	a_e	Ms	4.7
NEUB	66.80		P	17:54:17.012	-0.1	268.9		6.41		TAS		39.1	1.10	m_e	mb	5.5
NEUB	66.80		pP	17:54:25.890	-0.2	268.9		6.44		TAS				m_e		
NRDL	65.82		P	17:54:10.691	0.4	268.9		6.41		TAS		35.2	1.04	m_e	mb	5.5
NRDL	65.82		pP	17:54:19.865	0.1	268.9		6.44		TAS				m_e		
PLN	67.03		P	17:54:18.171	-0.3	268.9		6.41		TAS		104.6	2.13	m_e	mb	5.7
PLN	67.03		pP	17:54:27.463	-0.1	268.9		6.44		TAS				m_e		
RETH	65.38		P	17:54:07.822	0.0	268.9		6.41		TAS		51.4	1.31	m_e	mb	5.6

ROTZ	77.82	P	20:07:10.127	9.9	5.65	TAS	3.5	1.25	m_e	mb	4.3
TANN	77.15	P	20:07:06.297	9.9	5.65	TAS	18.8	1.52	m_e	mb	5.0
TNS	77.76	P	20:07:09.443	9.9	5.65	TAS	26.4	1.15	m_e	mb	5.3
UBBA	77.02	P	20:07:05.273	0.2	9.9	TAS	25.7	1.55	m_e	mb	5.1
WLF	78.51	P	20:07:13.875	9.9	5.65	TAS	20.5	0.96	m_e	mb	5.1

Event 80209009 Samoa Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/09	22:53:07.20			-15.0400	-172.6700				10.0					145.30	145.30	m i ke	EMSC
	80209041																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	145.30		PKPbc	23:12:51.499		6.6		3.16		TAS					m_e

Event 80210001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/09	23:59:25.67			-21.3400	-179.2500				616.7	17.8		30		146.65	152.66	m i ke	BGR
	80210007																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	148.32		PKPbc	00:18:03.309	0.3	18.8		2.34		TAS					m_e
ASSE	148.32		PKPab	00:18:08.407	-0.1	17.4		4.27		TAS					m_e
BFO	152.39		PKPbc	00:18:12.592		18.8		2.34		TAS					m_e
BFO	152.39		PKPab	00:18:25.725		17.4		4.27		TAS					m_e
BRG	148.76		PKPbc	00:18:04.616	0.1	18.8		2.34		TAS					m_e
BRG	148.76		PKPab	00:18:10.788	0.1	17.4		4.27		TAS					m_e
BSEG	146.65		PKPbc	00:17:59.104	-0.2	18.8		2.34		TAS					m_e
BSEG	146.65		PKPab	00:18:01.728	-0.0	17.4		4.27		TAS					m_e
BUG	149.53		PKPbc	00:18:05.986	0.1	18.8		2.34		TAS					m_e
CLL	148.59		PKPbc	00:18:04.026	0.1	18.8		2.34		TAS					m_e
CLL	148.59		PKPab	00:18:09.850	-0.1	17.4		4.27		TAS					m_e
CLL	148.59		pPKPab	00:20:27.901						T__					m_e
CLZ	148.65		PKPbc	00:18:04.455	0.2	18.8		2.34		TAS					m_e
CLZ	148.65		pPKPab	00:20:28.334						T__					m_e
FLT1	148.02		PKPbc	00:18:02.309	0.0	18.8		2.34		TAS					m_e
FLT1	148.02		PKPab	00:18:06.932	-0.1	17.4		4.27		TAS					m_e
FUR	151.93		PKPbc	00:18:11.728		18.8		2.34		TAS					m_e

FUR	151.93	PKPab	00:18:24.475		17.4	4.27	TAS	m_e
GEC2	150.67	PKPbc	00:18:08.990	-0.3	18.8	2.34	TAS	m_e
GEC2	150.67	PKPab	00:18:18.936		17.4	4.27	TAS	m_e
GEC2	150.67	pPKPab	00:20:32.328				T__	m_e
GRA1	150.51	PKPbc	00:18:08.794	0.1	18.8	2.34	TAS	m_e
GRA1	150.51	PKPab	00:18:18.290	0.3	17.4	4.27	TAS	m_e
GTTG	149.00	PKPbc	00:18:05.144	0.3	18.8	2.34	TAS	m_e
GTTG	149.00	PKPab	00:18:11.564	-0.4	17.4	4.27	TAS	m_e
IBBN	148.62	PKPbc	00:18:04.054	0.2	18.8	2.34	TAS	m_e
IBBN	148.62	PKPab	00:18:09.882	0.2	17.4	4.27	TAS	m_e
KAST	149.60	PKPbc	00:18:06.481	0.3	18.8	2.34	TAS	m_e
MANZ	150.03	PKPbc	00:18:07.647	0.0	18.8	2.34	TAS	m_e
MANZ	150.03	PKPab	00:18:16.060	0.0	17.4	4.27	TAS	m_e
MANZ	150.03	pPKPab	00:20:30.984				T__	m_e
MOX	149.53	PKPbc	00:18:06.290	0.2	18.8	2.34	TAS	m_e
MOX	149.53	PKPab	00:18:13.693	0.0	17.4	4.27	TAS	m_e
NEUB	148.98	PKPbc	00:18:05.074	-0.3	18.8	2.34	TAS	m_e
NEUB	148.98	PKPab	00:18:11.351	-0.1	17.4	4.27	TAS	m_e
NRDL	148.07	PKPbc	00:18:02.662	-0.1	18.8	2.34	TAS	m_e
NRDL	148.07	PKPab	00:18:07.472	0.0	17.4	4.27	TAS	m_e
PLN	149.55	PKPbc	00:18:06.479	0.2	18.8	2.34	TAS	m_e
PLN	149.55	PKPab	00:18:13.926	-0.1	17.4	4.27	TAS	m_e
RETH	147.96	PKPbc	00:18:02.448	-0.0	18.8	2.34	TAS	m_e
RETH	147.96	PKPab	00:18:06.983	-0.1	17.4	4.27	TAS	m_e
RJOB	151.93	PKPbc	00:18:11.409		18.8	2.34	TAS	m_e
RJOB	151.93	PKPab	00:18:24.743		17.4	4.27	TAS	m_e
ROTZ	150.21	PKPbc	00:18:08.000	-0.1	18.8	2.34	TAS	m_e
ROTZ	150.21	PKPab	00:18:17.022	-0.1	17.4	4.27	TAS	m_e
ROTZ	150.21	pPKPab	00:20:31.247				T__	m_e
RUE	147.33	PKPbc	00:18:00.884	-0.3	18.8	2.34	TAS	m_e
RUE	147.33	PKPab	00:18:04.485	-0.3	17.4	4.27	TAS	m_e
STU	151.81	PKPbc	00:18:11.537		18.8	2.34	TAS	m_e
STU	151.81	PKPab	00:18:23.302		17.4	4.27	TAS	m_e
TANN	149.55	PKPbc	00:18:06.523	0.3	18.8	2.34	TAS	m_e
TANN	149.55	PKPab	00:18:14.082	0.3	17.4	4.27	TAS	m_e
TNS	150.54	PKPbc	00:18:08.748	-0.6	18.8	2.34	TAS	m_e
TNS	150.54	PKPab	00:18:17.879	-0.1	17.4	4.27	TAS	m_e
UBBA	149.69	PKPab	00:18:13.934	-0.3	17.4	4.27	TAS	m_e
UBR	152.66	PKPbc	00:18:13.184		18.8	2.34	TAS	m_e
WET	150.62	PKPbc	00:18:08.863	-0.1	18.8	2.34	TAS	m_e
WET	150.62	PKPab	00:18:18.878		17.4	4.27	TAS	m_e
WET	150.62	pPKPab	00:20:32.476				T__	m_e
WLF	151.41	PKPbc	00:18:11.180	-0.3	18.8	2.34	TAS	m_e
WLF	151.41	PKPab	00:18:21.878		17.4	4.27	TAS	m_e

./2018/bull1802.txt

Fri Apr 24 06:14:17 2020

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/10	11:03:57.70			13.9020	-92.9730				33.0					88.46	88.46	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	80210009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	88.46		P	11:16:46.367		281.5		5.37		TAS		16.7	1.18	m_e	mb 5.3

Event 80210005 New Ireland, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/10	22:50:48.60			-3.8200	151.9000				273.0				26	120.45	125.89	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
AHRW	124.85		PKPdf	23:09:16.601	0.2	49.3		1.96		TAS				m_e	
ASSE	122.12		PKPdf	23:09:11.097	-0.2	49.3		1.96		TAS				m_e	
BRG	121.38		PKPdf	23:09:09.742	0.1	49.3		1.96		TAS				m_e	
BUG	124.12		PKPdf	23:09:14.994	0.1	49.3		1.96		TAS				m_e	
CLL	121.57		PKPdf	23:09:09.855	-0.2	49.3		1.96		TAS				m_e	
CLZ	122.45		PKPdf	23:09:12.131	0.2	49.3		1.96		TAS				m_e	
FLT1	121.73		PKPdf	23:09:10.166	-0.2	49.3		1.96		TAS				m_e	
GEC2	122.76		PKPdf	23:09:12.451		49.3		1.96		TAS				m_e	
GTTG	122.84		PKPdf	23:09:12.752	-0.1	49.3		1.96		TAS				m_e	
IBBN	123.28		PKPdf	23:09:13.547	0.1	49.3		1.96		TAS				m_e	
KAST	123.78		PKPdf	23:09:14.663	-0.0	49.3		1.96		TAS				m_e	
MANZ	122.85		PKPdf	23:09:12.714	0.1	49.3		1.96		TAS				m_e	
MOX	122.66		PKPdf	23:09:12.169	0.1	49.3		1.96		TAS				m_e	
NEUB	122.23		PKPdf	23:09:11.287	0.0	49.3		1.96		TAS				m_e	
NRDL	122.12		PKPdf	23:09:11.401	-0.1	49.3		1.96		TAS				m_e	
PLN	122.50		PKPdf	23:09:11.986	-0.1	49.3		1.96		TAS				m_e	
RETH	122.28		PKPdf	23:09:11.525	-0.3	49.3		1.96		TAS				m_e	
ROTZ	122.94		PKPdf	23:09:12.563	0.1	49.3		1.96		TAS				m_e	
RUE	120.45		PKPdf	23:09:07.959	0.3	49.3		1.96		TAS				m_e	
STU	125.08		PKPdf	23:09:16.984		49.3		1.96		TAS				m_e	
TANN	122.40		PKPdf	23:09:11.823	0.3	49.3		1.96		TAS				m_e	
TNS	124.45		PKPdf	23:09:15.846	0.1	49.3		1.96		TAS				m_e	
UBBA	123.31		PKPdf	23:09:13.314	0.2	49.3		1.96		TAS				m_e	
UBR	125.35		PKPdf	23:09:17.012		49.3		1.96		TAS				m_e	
WET	123.00		PKPdf	23:09:12.875		49.3		1.96		TAS				m_e	
WLF	125.89		PKPdf	23:09:18.920	-0.4	49.3		1.96		TAS				m_e	

Event 80211002 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/11	13:05:21.59	1.63	0.83	42.8080	20.8250	41.1	22.2	12	10.0				14 337	5.81	10.35	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
ML	4.3		BGR	80211008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	5.82		Pn	13:06:46.422	-0.8					T__				m_e	ML 3.8
BALST	10.33		Pn	13:07:46.601	-1.6					T__				m_e	
BFO	10.35		Pn	13:07:47.927	-0.6					T__				m_e	
GEC2	7.82		Pn	13:07:15.486	1.2					T__				m_e	ML 4.1
KBA	6.81		Pn	13:07:00.371	-0.3					T__				m_e	ML 4.4
MOA	6.84		Pn	13:07:01.301	0.2					T__				m_e	
OBKA	5.81		Pn	13:06:45.770	-1.4					T__				m_e	ML 4.5
PLONS	9.16		Sn	13:09:11.166	0.0					T__				m_e	
PLONS	9.16		Pn	13:07:33.636	1.3					T__				m_e	
RJOB	7.51		Pn	13:07:10.376	0.3					T__				m_e	ML 4.4
SLE	10.00		Pn	13:07:44.052	0.3					T__				m_e	
SULZ	10.14		Pn	13:07:46.213	0.6					T__				m_e	
UBR	8.99		Pn	13:07:30.874	0.7					T__				m_e	
WILA	9.60		Pn	13:07:38.951	0.6					T__				m_e	
WTTA	7.88		Pn	13:07:14.722	-0.5					T__				m_e	ML 4.7

Event 80211003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/11	16:38:14.00			-20.9300	-179.1200				627.0				24	146.27	152.29	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	152.01		PKPbc	16:56:59.847		19.7		2.36		TAS				m_e	
BRG	148.40		PKPbc	16:56:51.781	0.5	19.7		2.36		TAS				m_e	
BSEG	146.27		PKPbc	16:56:46.154	-0.2	19.7		2.36		TAS				m_e	
BUG	149.14		PKPbc	16:56:53.084	0.2	19.7		2.36		TAS				m_e	
CLL	148.23		PKPbc	16:56:51.163	0.4	19.7		2.36		TAS				m_e	
CLZ	148.27		PKPbc	16:56:51.575	0.2	19.7		2.36		TAS				m_e	
FLT1	147.64		PKPbc	16:56:49.448	0.1	19.7		2.36		TAS				m_e	

FUR	151.57	PKPbc	16:56:58.963	19.7	2.36	TAS	m_e
FUR	151.57	PKPab	16:57:10.669			T__	m_e
GEC2	150.31	PKPbc	16:56:56.240	19.7	2.36	TAS	m_e
GEC2	150.31	PKPab	16:57:05.157			T__	m_e
GTTG	148.63	PKPbc	16:56:52.261	0.2 19.7	2.36	TAS	m_e
IBBN	148.23	PKPbc	16:56:51.094	0.0 19.7	2.36	TAS	m_e
KAST	149.21	PKPbc	16:56:53.633	0.3 19.7	2.36	TAS	m_e
MANZ	149.67	PKPbc	16:56:54.868	-0.3 19.7	2.36	TAS	m_e
MOX	149.16	PKPbc	16:56:53.565	0.0 19.7	2.36	TAS	m_e
NEUB	148.61	PKPbc	16:56:52.055	0.2 19.7	2.36	TAS	m_e
PLN	149.19	PKPbc	16:56:53.633	-0.2 19.7	2.36	TAS	m_e
RJOB	151.57	PKPbc	16:56:58.582	19.7	2.36	TAS	m_e
RJOB	151.57	PKPab	16:57:11.051			T__	m_e
ROTZ	149.85	PKPbc	16:56:55.211	19.7	2.36	TAS	m_e
RUE	146.96	PKPbc	16:56:47.732	-0.4 19.7	2.36	TAS	m_e
STU	151.43	PKPbc	16:56:58.696	19.7	2.36	TAS	m_e
TANN	149.19	PKPbc	16:56:53.770	-0.1 19.7	2.36	TAS	m_e
TNS	150.16	PKPab	16:57:04.293			T__	m_e
UBR	152.29	PKPbc	16:57:00.368	19.7	2.36	TAS	m_e
WET	150.26	PKPbc	16:56:56.104	19.7	2.36	TAS	m_e
WET	150.26	PKPab	16:57:05.250			T__	m_e
WLF	151.02	PKPbc	16:56:58.388	19.7	2.36	TAS	m_e

Event 80211004 South of Mariana Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/11	23:14:14.20			13.8200	146.4700				10.0					104.67	105.52	m i k e	EMSC
80211036																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.9		BGR	80211010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	105.52		PP	23:32:45.206						T__					
GRA1	105.52		PS	23:42:00.181						T__					
GRA1	105.52		SS	23:48:26.276						T__					
GRA1	105.52		L	00:25:08.779						T__		3360.0	19.50	a_e	Ms 5.9
MOX	104.67		L	00:20:45.980						T__		3309.3	19.20	a_e	Ms 5.9

Event 80212001 France

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/12	03:08:34.70	0.38	2.61	46.6980	-0.4260	21.1	11.1	163	10.0				25 321	5.31	8.89	m i k e	BGR

80212007

Magnitude Err Nsta Author OrigID
ML 4.7 BGR 80212007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ABH	6.20		Sn	03:11:10.803	-3.3					T__				m_e	
ABH	6.20		Sg	03:11:53.289	1.6					T__				m_e	
ABH	6.20		Pn	03:10:03.874	-1.7					T__				m_e	
ABH	6.20		Pg	03:10:31.455	5.5					T__				m_e	
AHRW	6.29		Pn	03:10:05.307	-1.4					T__				m_e ML	4.8
BALST	5.59		Sg	03:11:32.014	-0.2					T__				m_e	
BALST	5.59		Pn	03:09:56.030	-1.3					T__				m_e ML	4.8
BERGE	5.97		Sn	03:11:04.616	-4.0					T__				m_e	
BERGE	5.97		Sg	03:11:43.264	-1.0					T__				m_e	
BERGE	5.97		Pn	03:10:00.137	-2.3					T__				m_e ML	4.8
BERGE	5.97		Pg	03:10:25.754	4.0					T__				m_e	
BFO	6.15		Sg	03:11:49.120	-0.9					T__				m_e	
BFO	6.15		Pn	03:10:02.424	-2.5					T__				m_e ML	4.6
BFO	6.15		Pg	03:10:28.438	3.5					T__				m_e	
BUG	6.93		Pn	03:10:13.649	-1.8					T__				m_e	
ECH	5.36		Sg	03:11:22.817	-2.2					T__				m_e	
ECH	5.36		Pn	03:09:51.417	-2.8					T__				m_e ML	4.5
ECH	5.36		Pg	03:10:14.954	4.1					T__				m_e	
EMING	6.42		Sg	03:11:57.002	-1.6					T__				m_e	
EMING	6.42		Pn	03:10:07.115	-1.4					T__				m_e	
FUR	8.07		Sg	03:12:49.874	-1.1					T__				m_e	
FUR	8.07		Pn	03:10:30.730	-0.1					T__				m_e	
GRA1	8.34		Sg	03:12:58.673	-0.8					T__				m_e	
KAST	7.36		Sg	03:12:28.078	-0.3					T__				m_e	
KAST	7.36		Pn	03:10:19.870	-1.3					T__				m_e	
KTD	6.28		Pn	03:10:04.710	-1.9					T__				m_e	
METMA	6.00		Sn	03:11:06.907	-2.4					T__				m_e	
METMA	6.00		Sg	03:11:44.166	-1.1					T__				m_e	
METMA	6.00		Pn	03:10:00.727	-2.1					T__				m_e ML	4.6
MILB	7.20		Pn	03:10:17.444	-1.6					T__				m_e	
MOX	8.89		Sg	03:13:19.969	3.0					T__				m_e	
MOX	8.89		Pn	03:10:41.750	-0.1					T__				m_e	
OBER	7.36		Pn	03:10:21.150	-0.0					T__				m_e	
PLONS	6.73		Pn	03:10:12.435	-0.3					T__				m_e	
RIVT	5.67		Sn	03:10:58.856	-2.6					T__				m_e	
RIVT	5.67		Pn	03:09:57.277	-1.1					T__				m_e	
SLE	6.17		Sg	03:11:49.207	-1.3					T__				m_e	
SLE	6.17		Pn	03:10:03.347	-1.8					T__				m_e ML	5.0
SLE	6.17		Pg	03:10:29.498	4.2					T__				m_e	
SULZ	5.89		Sg	03:11:40.787	-0.9					T__				m_e	
SULZ	5.89		Pn	03:10:00.142	-1.2					T__				m_e ML	5.0
SULZ	5.89		Pg	03:10:24.142	3.9					T__				m_e	
TNS	6.87		Pn	03:10:13.477	-1.1					T__				m_e	

TNS	6.87	Pg	03:10:42.336	4.5	T__	m_e
UBR	7.25	Sg	03:12:26.670	1.9	T__	m_e
UBR	7.25	Pn	03:10:19.475	-0.2	T__	m_e
UBR	7.25	Pg	03:10:52.738	8.2	T__	m_e
WALHA	6.59	Sg	03:12:03.814	-0.1	T__	m_e
WALHA	6.59	Pn	03:10:09.874	-0.9	T__	m_e
WALHA	6.59	Pg	03:10:38.751	5.9	T__	m_e
WILA	6.42	Pn	03:10:07.824	-0.7	T__	m_e
WLF	5.31	Sn	03:10:50.993	-1.8	T__	m_e
WLF	5.31	Sg	03:11:24.244	1.0	T__	m_e
WLF	5.31	Pn	03:09:53.005	-0.5	T__	m_e ML 4.7
WLF	5.31	Pg	03:10:14.143	4.3	T__	m_e

Event 80213003 South of Mariana Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/13	02:03:04.00			13.8400	146.3800				10.0					105.46	105.46	m i ke	EMSC
OrigID 80213035																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.0		BGR	80213009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	105.46		PP	02:21:33.178						T__				m_e	
GRA1	105.46		L	03:10:18.470						T__		4092.0	19.30	a_e Ms	6.0

Event 80213002 Andaman Islands, India, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/13	02:39:40.64			10.1800	93.5200				59.4	4.7		17		75.60	79.29	m i ke	BGR
OrigID 80213008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	80213008
Ms	5.6		BGR	80213008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	79.29		P	02:51:39.662		89.6		5.61		TAS		23.2	1.31	m_e mb	5.0
BRG	75.60		P	02:51:18.997		89.6		5.61		TAS		21.4	0.85	m_e mb	5.3
BRG	75.60		pP	02:51:34.421						T__	744179.0	34.06		m_e	
BSEG	77.85		P	02:51:31.842	0.1	89.6		5.61		TAS		38.7	1.01	m_e mb	5.5
CLL	76.20		P	02:51:21.747	0.5	89.6		5.61		TAS		13.7	0.87	m_e mb	5.1
CLZ	77.84		P	02:51:31.868	0.5	89.6		5.61		TAS		27.0	0.83	m_e mb	5.4

GEC2	75.71	P	02:51:20.257		89.6		5.61	TAS	28.9	0.80	m_e	mb	5.5
GRA1	77.34	L	03:09:54.410					T__	3356.3	18.30	a_e	Ms	5.7
GTTG	78.10	P	02:51:33.123	0.0	89.6		5.61	TAS	29.1	0.80	m_e	mb	5.5
KAST	79.09	P	02:51:38.739	-0.1	89.6		5.61	TAS	10.2	0.96	m_e	mb	4.8
MANZ	76.76	P	02:51:26.154		89.6		5.61	TAS	3.0	0.86	m_e	mb	4.4
MOX	77.08	L	03:10:04.497					T__	2530.6	18.20	a_e	Ms	5.6
MOX	77.08	P	02:51:27.237		89.6		5.61	TAS	13.2	0.84	m_e	mb	5.1
NEUB	76.97	pP	02:51:44.032					T__			m_e		
NRDL	78.00	P	02:51:33.047	-0.0	89.6		5.61	TAS	25.5	1.13	m_e	mb	5.3
PLN	76.73	P	02:51:25.488		89.6		5.61	TAS	12.5	0.87	m_e	mb	5.1
ROTZ	76.70	P	02:51:25.376		89.6		5.61	TAS	4.3	1.00	m_e	mb	4.5
TANN	76.54	P	02:51:24.678		89.6		5.61	TAS	17.5	1.16	m_e	mb	5.1
TANN	76.54	pP	02:51:42.209					T__			m_e		
UBR	78.13	P	02:51:33.047		89.6		5.61	TAS	14.8	0.88	m_e	mb	5.1
WET	76.26	P	02:51:22.816		89.6		5.61	TAS	12.7	0.85	m_e	mb	5.1

Event 80214001 Aru Islands, Indonesia, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/14	00:05:30.30			-6.0000	133.8000				10.0			14		113.21	117.55	m i ke	NEIC
80214096																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	117.55		PKPdf	00:24:15.597		67.9		1.86		TAS					m_e
BRG	113.21		PKPdf	00:24:07.955	0.0	67.9		1.86		TAS					m_e
BSEG	114.09		PKPdf	00:24:09.876	-0.1	67.9		1.86		TAS					m_e
CLL	113.61		PKPdf	00:24:08.393	0.1	67.9		1.86		TAS					m_e
CLZ	114.92		PKPdf	00:24:11.494		67.9		1.86		TAS					m_e
FLT1	114.24		PKPdf	00:24:09.640	0.2	67.9		1.86		TAS					m_e
FUR	115.80		PKPdf	00:24:12.777		67.9		1.86		TAS					m_e
GEC2	114.05		PKPdf	00:24:09.438	0.0	67.9		1.86		TAS					m_e
GRA1	115.26		PKPdf	00:24:11.830		67.9		1.86		TAS					m_e
NEUB	114.37		PKPdf	00:24:10.011	0.1	67.9		1.86		TAS					m_e
TANN	114.25		PKPdf	00:24:09.876	0.3	67.9		1.86		TAS					m_e
TNS	116.69		PKPdf	00:24:14.690		67.9		1.86		TAS					m_e
UBR	116.70		PKPdf	00:24:14.290		67.9		1.86		TAS					m_e
WET	114.45		PKPdf	00:24:10.382	0.3	67.9		1.86		TAS					m_e

Event 80214005 Fiji Islands

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

2018/02/14 14:57:33.30 -16.2200 178.0200 10.0 144.94 144.94 m i ke EMSC
80214037

Magnitude Err Nsta Author OrigID
Ms 4.6 BGR 80214011

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 144.94 PKPbc 15:17:10.756 22.5 3.03 TAS m_e
GRA1 144.94 pPKPbc 15:17:16.719 T__ m_e
GRA1 144.94 L 16:15:03.040 T__ 98.2 20.40 a_e Ms 4.6

Event 80215005 Xizang
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2018/02/14 23:58:54.00 34.9500 87.0300 10.0 55.64 55.64 m i ke EMSC
80215037

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 80215011

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 55.64 P 00:08:32.472 74.7 6.03 TAS 14.7 1.21 m_e mb 4.9

Event 80215006 North of Ascension Island
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2018/02/15 08:27:24.52 -1.1440 -14.8500 33.0 12 53.23 57.33 m i ke BGR
80215012

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 80215012

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
AHRW 54.79 P 08:36:52.417 211.9 7.24 TAS 64.9 1.47 m_e mb 5.4
BFO 53.23 P 08:36:40.638 211.9 7.24 TAS 73.0 1.67 m_e mb 5.3
BRG 57.33 P 08:37:10.979 211.9 7.24 TAS 35.8 1.66 m_e mb 5.1
GEC2 55.58 P 08:36:57.620 211.9 7.24 TAS 73.1 1.78 m_e mb 5.4
MANZ 55.94 P 08:37:00.981 211.9 7.24 TAS 9.0 1.50 m_e mb 4.6
MOX 56.32 P 08:37:02.532 211.9 7.24 TAS 14.0 1.10 m_e mb 4.9
ROTZ 55.79 P 08:36:59.776 211.9 7.24 TAS 7.8 1.49 m_e mb 4.5
TANN 56.42 P 08:37:04.326 211.9 7.24 TAS 38.0 1.63 m_e mb 5.2
TNS 54.92 P 08:36:53.093 211.9 7.24 TAS 49.3 1.46 m_e mb 5.3
UBBA 55.93 P 08:37:00.861 211.9 7.24 TAS 47.3 1.62 m_e mb 5.3

UBR	53.28	P	08:36:41.955	211.9	7.24	TAS	131.5	1.74	m_e	mb	5.6
WET	55.51	P	08:36:57.098	211.9	7.24	TAS	69.8	1.65	m_e	mb	5.4

Event 80216005 Off coast of Oaxaca, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/16	23:39:35.80			14.4600	-97.2600				33.0					87.02	92.44	m i ke	BGR
OrigID 80216011																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.3		BGR	80216011
MBB	7.4		BGR	80216011
Ms	7.4		BGR	80216011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	87.82		P	23:52:21.588		292.2		7.66		TAS		688.7	1.49	m_e	MBB 7.6
AHRW	87.82		PP	23:55:43.075						T__				m_e	
AHRW	87.82		S	00:03:10.075						T__				m_e	
ASSE	89.34		P	23:52:28.974		292.2		7.66		TAS		232.7	1.56	m_e	mb 6.2
ASSE	89.34		PP	23:55:59.730						T__				m_e	
ASSE	89.34		S	00:03:20.657						T__				m_e	
BFO	89.37		P	23:52:27.432		292.2		7.66		TAS		59.8	0.92	m_e	mb 5.8
BFO	89.37		PP	23:55:59.242						T__				m_e	
BRG	91.72		P	23:52:40.114		292.2		7.66		TAS		205.6	1.41	m_e	MBB 7.3
BRG	91.72		PP	23:56:16.999						T__				m_e	
BSEG	88.45		P	23:52:24.409		292.2		7.66		TAS		177.4	1.07	m_e	mb 6.3
BSEG	88.45		PP	23:55:50.392						T__				m_e	
BSEG	88.45		S	00:03:13.617						T__				m_e	
BUG	87.63		P	23:52:21.402		292.2		7.66		TAS		1089.2	1.99	m_e	MBB 7.6
BUG	87.63		PP	23:55:41.745						T__				m_e	
BUG	87.63		S	00:03:04.863						T__				m_e	
CLL	91.00		P	23:52:36.347		292.2		7.66		TAS		122.1	1.25	m_e	MBB 7.4
CLL	91.00		PP	23:56:11.162						T__				m_e	
CLL	91.00		S	00:03:32.454						T__				m_e	
CLZ	89.28		P	23:52:28.985		292.2		7.66		TAS		253.2	1.58	m_e	mb 6.2
CLZ	89.28		PP	23:55:57.791						T__				m_e	
FLT1	89.58		P	23:52:29.263		292.2		7.66		TAS		94.0	1.12	m_e	MBB 7.3
FLT1	89.58		PP	23:56:00.861						T__				m_e	
FUR	91.25		P	23:52:37.813		292.2		7.66		TAS		118.8	1.37	m_e	MBB 7.4
FUR	91.25		PP	23:56:12.343						T__				m_e	
FUR	91.25		S	00:03:36.668						T__				m_e	
GEC2	92.44		P	23:52:42.839		292.2		7.66		TAS		291.6	1.90	m_e	MBB 7.3
GEC2	92.44		PP	23:56:22.481						T__				m_e	
GRA1	90.62		P	23:52:35.578		292.2		7.66		TAS		238.2	1.21	m_e	MBB 7.4
GRA1	90.62		PP	23:56:05.026						T__				m_e	
GRA1	90.62		L	00:30:05.986						T__		175867.0	22.00	a_e	Ms 7.5

GTTG	89.16	P	23:52:28.471	292.2	7.66	TAS	117.5	1.05	m_e	mb	6.0
GTTG	89.16	PP	23:55:56.465			T__			m_e		
HLG	87.02	PP	23:55:34.428			T__			m_e		
HLG	87.02	S	00:03:01.572			T__			m_e		
IBBN	87.61	P	23:52:22.212	292.2	7.66	TAS	2064.2	2.20	m_e	MBB	7.6
IBBN	87.61	PP	23:55:40.415			T__			m_e		
IBBN	87.61	S	00:03:06.004			T__			m_e		
KAST	88.38	P	23:52:23.698	292.2	7.66	TAS	953.1	2.41	m_e	mb	6.7
KAST	88.38	PP	23:55:48.397			T__			m_e		
KAST	88.38	S	00:03:11.934			T__			m_e		
MANZ	91.02	P	23:52:37.222	292.2	7.66	TAS	30.5	1.33	m_e	MBB	6.8
MANZ	91.02	PP	23:56:11.013			T__			m_e		
MOX	90.47	P	23:52:34.078	292.2	7.66	TAS	176.3	1.43	m_e	MBB	7.3
MOX	90.47	PP	23:56:11.817			T__			m_e		
MOX	90.47	S	00:03:22.641			T__			m_e		
MOX	90.47	L	00:34:03.939			T__	117634.0	21.30	a_e	Ms	7.3
NEUB	90.34	P	23:52:33.211	292.2	7.66	TAS	425.1	2.11	m_e	MBB	7.3
NEUB	90.34	PP	23:56:05.118			T__			m_e		
NRDL	88.88	P	23:52:27.034	292.2	7.66	TAS	108.5	1.21	m_e	mb	6.0
NRDL	88.88	PP	23:55:53.592			T__			m_e		
NRDL	88.88	S	00:03:18.099			T__			m_e		
PLN	90.85	P	23:52:36.632	292.2	7.66	TAS	313.6	1.89	m_e	MBB	7.3
PLN	90.85	PP	23:56:08.352			T__			m_e		
RETH	88.37	P	23:52:23.968	292.2	7.66	TAS	266.0	1.39	m_e	mb	6.4
RETH	88.37	PP	23:55:46.401			T__			m_e		
RETH	88.37	S	00:03:11.648			T__			m_e		
RGN	89.81	PP	23:56:01.350			T__			m_e		
RJOB	92.36	P	23:52:43.461	292.2	7.66	TAS	407.2	2.25	m_e	MBB	7.4
RJOB	92.36	PP	23:56:22.551			T__			m_e		
ROTZ	91.17	P	23:52:37.876	292.2	7.66	TAS	30.1	1.31	m_e	MBB	6.8
ROTZ	91.17	PP	23:56:11.678			T__			m_e		
ROTZ	91.17	S	00:03:38.495			T__			m_e		
RUE	90.94	P	23:52:37.314	292.2	7.66	TAS	68.8	1.11	m_e	MBB	7.4
RUE	90.94	PP	23:56:09.724			T__			m_e		
STU	89.74	P	23:52:30.940	292.2	7.66	TAS	333.9	0.94	m_e	MBB	7.7
STU	89.74	PP	23:56:01.629			T__			m_e		
STU	89.74	S	00:03:14.558			T__			m_e		
TANN	91.06	P	23:52:37.908	292.2	7.66	TAS	249.3	1.69	m_e	MBB	7.4
TANN	91.06	PP	23:56:09.683			T__			m_e		
TNS	88.76	P	23:52:26.752	292.2	7.66	TAS	586.6	2.03	m_e	mb	6.5
TNS	88.76	PP	23:55:51.058			T__			m_e		
TNS	88.76	S	00:03:16.547			T__			m_e		
UBBA	89.46	P	23:52:28.697	292.2	7.66	TAS	614.9	2.15	m_e	MBB	7.3
UBBA	89.46	PP	23:56:00.149			T__			m_e		
UBR	90.72	P	23:52:35.128	292.2	7.66	TAS	104.3	0.99	m_e	MBB	7.4
UBR	90.72	PP	23:56:09.683			T__			m_e		
WET	91.83	P	23:52:40.083	292.2	7.66	TAS	377.7	1.81	m_e	MBB	7.4
WET	91.83	PP	23:56:18.995			T__			m_e		
WLF	87.56	P	23:52:21.353	292.2	7.66	TAS	1289.7	1.78	m_e	MBB	7.6

WLF	87.56	PP	23:55:41.745	T__	m_e
WLF	87.56	S	00:03:08.681	T__	m_e

Event 80217001 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/17	00:26:00.81			-16.3740	-173.2000				33.0			12		145.59	148.66	m i ke	BGR
80217007																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	148.11		PKPbc	00:45:42.418		7.7		2.99		TAS				m_e	
FUR	148.09		PKPbc	00:45:42.598		7.7		2.99		TAS				m_e	
GEC2	147.13		PKPbc	00:45:39.127		7.7		2.99		TAS				m_e	
GRA1	146.57		PKPbc	00:45:38.124		7.7		2.99		TAS				m_e	
MOX	145.59		PKPbc	00:45:35.052		7.7		2.99		TAS				m_e	
PLN	145.70		PKPbc	00:45:35.402		7.7		2.99		TAS				m_e	
RJOB	148.34		PKPbc	00:45:43.191		7.7		2.99		TAS				m_e	
ROTZ	146.41		PKPbc	00:45:37.680		7.7		2.99		TAS				m_e	
TANN	145.74		PKPbc	00:45:35.618		7.7		2.99		TAS				m_e	
TNS	146.21		PKPbc	00:45:36.591		7.7		2.99		TAS				m_e	
UBR	148.66		PKPbc	00:45:44.577		7.7		2.99		TAS				m_e	
WLF	146.79		PKPbc	00:45:39.027		7.7		2.99		TAS				m_e	

Event 80217002 United Kingdom

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/17	14:31:06.67	0.52	1.30	51.7100	-3.9180	8.9	8.9	158	10.0			33	290	5.43	11.63	m i ke	BGR
80217008																	

Magnitude	Err	Nsta	Author	OrigID
ML	5.0		BGR	80217008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ABH	7.49		Sn	14:34:12.993	-0.9					T__				m_e	
ABH	7.49		Pn	14:32:54.028	-0.7					T__				m_e	
AHRW	7.02		Sn	14:34:01.924	-0.7					T__				m_e	
AHRW	7.02		Pn	14:32:48.107	-0.2					T__				m_e	ML 5.2
ASSE	9.03		Sn	14:34:50.285	-0.1					T__				m_e	
ASSE	9.03		Pn	14:33:16.457	0.6					T__				m_e	
BFO	8.58		Sn	14:34:35.930	-3.8					T__				m_e	
BFO	8.58		Pn	14:33:08.403	-1.3					T__				m_e	ML 5.1

2018/02/18 01:44:25.30 56.3900 -148.7100 10.0 19 68.70 74.48 m i ke EMSC
80218033

Magnitude Err Nsta Author OrigID
mb 4.5 BGR 80218007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	70.52		P	01:55:41.553	-0.3	348.5		6.12		TAS		4.7	1.11	m_e	mb 4.5
BFO	73.90		P	01:56:01.665	-0.8	348.5		6.12		TAS		4.1	1.16	m_e	mb 4.4
BRG	72.14		P	01:55:51.428	-0.1	348.5		6.12		TAS		3.9	1.04	m_e	mb 4.5
BSEG	68.70		P	01:55:30.621	-0.0	348.5		6.12		TAS		5.0	1.06	m_e	mb 4.7
BUG	70.72		P	01:55:42.704	0.2	348.5		6.12		TAS		6.4	0.69	m_e	mb 4.9
CLL	71.61		P	01:55:47.946	0.1	348.5		6.12		TAS		3.4	0.91	m_e	mb 4.5
CLZ	70.76		P	01:55:43.578	0.2	348.5		6.12		TAS		5.3	1.05	m_e	mb 4.6
FLT1	70.39		P	01:55:40.254	-0.6	348.5		6.12		TAS		4.7	0.96	m_e	mb 4.6
FUR	74.48		P	01:56:05.410		348.5		6.12		TAS		6.6	0.77	m_e	mb 4.7
GEC2	74.11		P	01:56:03.234	-2.0	348.5		6.12		TAS		3.7	1.15	m_e	mb 4.3
GRA1	72.98		P	01:55:56.821	0.3	348.5		6.12		TAS		4.9	0.76	m_e	mb 4.7
MANZ	72.80		P	01:55:55.394	0.1	348.5		6.12		TAS		1.0	1.30	m_e	mb 3.8
MOX	72.09		P	01:55:51.153	0.4	348.5		6.12		TAS		5.7	1.16	m_e	mb 4.6
NEUB	71.57		P	01:55:48.081	0.8	348.5		6.12		TAS		12.1	1.16	m_e	mb 4.9
NRDL	70.09		P	01:55:39.020	-0.3	348.5		6.12		TAS		4.5	0.97	m_e	mb 4.6
ROTZ	73.03		P	01:55:56.946	3.2	348.5		6.12		TAS		0.8	0.84	m_e	mb 3.9
TANN	72.42		P	01:55:53.374	-0.1	348.5		6.12		TAS		3.2	1.02	m_e	mb 4.4
WET	73.72		P	01:56:01.165	0.3	348.5		6.12		TAS		5.4	1.25	m_e	mb 4.4
WLF	72.27		P	01:55:57.420	-0.1	348.5		6.12		TAS		5.7	1.04	m_e	mb 4.6

Event 80218003 Panama

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2018/02/18 14:55:33.40 7.5500 -78.8000 10.0 6 84.32 84.32 m i ke EMSC
80218035

Magnitude Err Nsta Author OrigID
mb 5.0 BGR 80218009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	84.32		P	15:08:05.551		274.9		5.82		TAS		14.6	1.49	m_e	mb 5.0

Event 80219002 Iceland region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2018/02/19 05:34:21.85 67.4430 -15.5540 33.0 14 19.06 23.80 m i ke BGR

80219008

Magnitude Err Nsta Author OrigID
mb 4.3 BGR 80219008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	22.70		P	05:39:18.119		332.8		10.55		TAS		37.4	1.83	m_e	mb	4.6
CLL	21.43		P	05:39:05.019	0.6	332.8		10.55		TAS		19.8	1.05	m_e	mb	4.4
CLZ	20.14		P	05:38:50.539	-0.2	332.8		10.55		TAS		16.8	1.09	m_e	mb	4.2
GEC2	23.80		P	05:39:29.973		332.8		10.55		TAS		33.0	2.13	m_e	mb	4.5
GTTG	20.28		P	05:38:52.849	0.2	332.8		10.55		TAS		21.5	0.95	m_e	mb	4.4
MOX	21.57		P	05:39:06.916		332.8		10.55		TAS		11.9	1.18	m_e	mb	4.2
NEUB	21.14		P	05:39:01.630		332.8		10.55		TAS		20.6	0.95	m_e	mb	4.4
NRDL	19.50		P	05:38:44.224	-0.3	332.8		10.55		TAS		13.4	1.02	m_e	mb	4.1
PLN	21.88		P	05:39:09.486		332.8		10.55		TAS		15.1	1.00	m_e	mb	4.4
RETH	19.06		P	05:38:41.759	0.5	332.8		10.55		TAS		13.2	1.33	m_e	mb	4.0
ROTZ	22.53		P	05:39:16.572		332.8		10.55		TAS		5.1	1.48	m_e	mb	3.8
TNS	21.02		P	05:38:59.638		332.8		10.55		TAS		18.3	1.00	m_e	mb	4.4
UBBA	20.93		P	05:39:00.244		332.8		10.55		TAS		14.5	1.24	m_e	mb	4.2
WET	23.28		P	05:39:24.890		332.8		10.55		TAS		6.2	0.97	m_e	mb	4.1

Event 80219003 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/19	05:38:57.54			67.1570	-15.7250				33.0			18		19.38	23.68	m i ke	BGR
	OrigID																
	80219009																

Magnitude Err Nsta Author OrigID
mb 4.5 BGR 80219009
Ms 4.1 BGR 80219009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	22.55		P	05:43:53.702		332.1		10.62		TAS		36.8	1.44	m_e	mb	4.7
BRG	22.00		P	05:43:49.108		332.1		10.62		TAS		30.1	1.33	m_e	mb	4.6
BUG	19.45		P	05:43:21.152	-0.7	332.1		10.62		TAS		63.5	1.28	m_e	mb	4.7
CLL	21.32		P	05:43:41.608		332.1		10.62		TAS		35.5	1.03	m_e	mb	4.6
CLZ	20.02		P	05:43:27.696	-0.2	332.1		10.62		TAS		40.8	1.12	m_e	mb	4.6
FLT1	19.87		P	05:43:25.659	0.5	332.1		10.62		TAS		9.5	0.79	m_e	mb	4.1
GEC2	23.68		P	05:44:06.227		332.1		10.62		TAS		43.0	1.77	m_e	mb	4.7
GRA1	22.17		L	05:50:53.188						T__		819.6	22.00	a_e	Ms	4.1
GTTG	20.15		P	05:43:29.147	0.0	332.1		10.62		TAS		61.2	1.15	m_e	mb	4.7
KAST	19.99		P	05:43:30.407	-0.4	332.1		10.62		TAS		20.0	1.04	m_e	mb	4.3
MOX	21.45		P	05:43:42.750		332.1		10.62		TAS		20.7	0.98	m_e	mb	4.4
MOX	21.45		L	05:50:33.039						T__		957.2	20.80	a_e	Ms	4.2
NEUB	21.02		P	05:43:38.529		332.1		10.62		TAS		42.8	1.13	m_e	mb	4.7
NRDL	19.38		P	05:43:20.507	-0.3	332.1		10.62		TAS		36.9	1.26	m_e	mb	4.5

PLN	21.76	P	05:43:46.121	332.1	10.62	TAS	43.0	1.36	m_e	mb	4.7
ROTZ	22.40	P	05:43:53.195	332.1	10.62	TAS	6.9	1.26	m_e	mb	3.9
TANN	21.92	P	05:43:47.986	332.1	10.62	TAS	22.8	1.49	m_e	mb	4.4
TNS	20.87	P	05:43:36.008	-0.5 332.1	10.62	TAS	27.0	0.95	m_e	mb	4.6
UBBA	20.80	P	05:43:36.115	0.3 332.1	10.62	TAS	61.0	1.50	m_e	mb	4.7
WET	23.16	P	05:44:01.685	332.1	10.62	TAS	26.2	1.30	m_e	mb	4.6

Event 80219004 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/19	06:40:14.00			66.5800	-17.7500				13.0					22.46	22.46	m i ke	REY
OrigID 80219043																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	80219010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	22.46		P	06:45:15.898		329.6		9.22		TAS		12.8	1.12	m_e	mb 4.3

Event 80219005 Near coast of Guerrero, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/19	06:56:56.98			16.3200	-98.3000				33.0					25	86.71	91.60	m i ke BGR
OrigID 80219011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	80219011
Ms	5.8		BGR	80219011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	86.99		P	07:09:40.642	0.5	295.0		4.53		TAS		75.1	0.85	m_e	mb 5.8
ASSE	88.43		P	07:09:46.270	-0.2	295.0		4.53		TAS		22.1	0.89	m_e	mb 5.5
BFO	88.59		P	07:09:46.095		295.0		4.53		TAS		20.5	0.87	m_e	mb 5.4
BRG	90.82		P	07:09:57.503	0.1	295.0		4.53		TAS		21.5	1.12	m_e	mb 5.4
BSEG	87.48		P	07:09:41.823	0.2	295.0		4.53		TAS		46.8	0.81	m_e	mb 5.7
CLL	90.09		P	07:09:53.609	-0.1	295.0		4.53		TAS		12.5	0.98	m_e	mb 5.1
CLZ	88.38		P	07:09:46.353	0.3	295.0		4.53		TAS		32.0	0.92	m_e	mb 5.6
FLT1	88.66		P	07:09:46.629	-0.3	295.0		4.53		TAS		12.4	0.89	m_e	mb 5.1
GEC2	91.60		P	07:10:01.086		295.0		4.53		TAS		20.1	1.14	m_e	mb 5.3
GRA1	89.77		P	07:09:52.945		295.0		4.53		TAS		20.8	1.01	m_e	mb 5.3
GRA1	89.77		PP	07:13:32.878		23.0		6.67		TAS				m_e	
GRA1	89.77		L	07:49:16.385						T__		3992.3	21.10	a_e	Ms 5.8
GTTG	88.27		P	07:09:45.828	-0.5	295.0		4.53		TAS		39.5	0.92	m_e	mb 5.7

IBBN	86.71	P	07:09:38.931	0.2	295.0	4.53	TAS	51.7	0.77	m_e	mb	5.7
KAST	87.52	P	07:09:42.035	0.1	295.0	4.53	TAS	30.7	0.91	m_e	mb	5.6
MANZ	90.16	P	07:09:54.299	-0.9	295.0	4.53	TAS	3.2	1.02	m_e	mb	4.5
MANZ	90.16	PP	07:13:26.896		23.0	6.67	TAS			m_e		
MOX	89.59	P	07:09:51.181	-0.0	295.0	4.53	TAS	21.1	1.24	m_e	mb	5.2
MOX	89.59	PP	07:13:22.162		23.0	6.67	TAS			m_e		
MOX	89.59	L	07:53:35.985				T__	3587.1	18.20	a_e	Ms	5.8
NRDL	87.96	P	07:09:44.477	-0.1	295.0	4.53	TAS	22.2	0.86	m_e	mb	5.5
PLN	89.97	P	07:09:53.306	0.4	295.0	4.53	TAS	12.5	0.90	m_e	mb	5.1
PLN	89.97	PP	07:13:25.362		23.0	6.67	TAS			m_e		
RETH	87.45	P	07:09:41.934	-0.8	295.0	4.53	TAS	27.3	0.95	m_e	mb	5.4
ROTZ	90.32	P	07:09:54.437	-0.1	295.0	4.53	TAS	4.9	1.21	m_e	mb	4.6
ROTZ	90.32	PP	07:13:28.029		23.0	6.67	TAS			m_e		
STU	88.94	P	07:09:48.588		295.0	4.53	TAS	120.8	0.76	m_e	mb	6.2
TANN	90.18	P	07:09:54.382	0.4	295.0	4.53	TAS	12.7	0.90	m_e	mb	5.1
TANN	90.18	PP	07:13:27.096		23.0	6.67	TAS			m_e		
TNS	87.92	P	07:09:43.978	-0.1	295.0	4.53	TAS	62.2	0.90	m_e	mb	5.9
UBR	89.94	P	07:09:53.123		295.0	4.53	TAS	46.9	0.98	m_e	mb	5.7
WET	90.99	P	07:09:58.331		295.0	4.53	TAS	32.1	1.16	m_e	mb	5.5
WET	90.99	PP	07:13:31.012		23.0	6.67	TAS			m_e		
WLF	86.76	P	07:09:38.728		295.0	4.53	TAS	61.9	0.94	m_e	mb	5.7

Event 80219010 Taiwan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/19	14:47:01.40			24.6200	121.6200				55.0					83.04	83.74	m i ke	EMSC
80219042																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	80219016
Ms	4.3		BGR	80219016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	83.74		P	14:59:24.650		59.1		4.85		TAS		12.2	1.03	m_e	mb	5.1
GRA1	83.74		PP	15:03:04.702						T__				m_e		
GRA1	83.74		L	15:36:39.738						T__		125.8	20.90	a_e	Ms	4.3
MOX	83.04		L	15:40:13.522						T__		121.0	18.60	a_e	Ms	4.3

Event 80219011 Alaska Peninsula, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/19	18:30:09.88			58.5000	-155.5000				48.3	2.4		15		68.44	72.70	m i ke	BGR
80219017																	

Magnitude Err Nsta Author OrigID
 mb 4.8 BGR 80219017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	72.70		P	18:41:30.188	-0.5	352.6		6.08		TAS		7.3	1.06	m_e	mb 4.7
BFO	72.70		pP	18:41:43.896		352.9		5.93		TAS				m_e	
BRG	70.65		P	18:41:18.213	0.0	352.6		6.08		TAS		8.8	1.01	m_e	mb 4.8
BRG	70.65		pP	18:41:31.616	-0.0	352.9		5.93		TAS				m_e	
CLL	70.15		P	18:41:15.009	-0.2	352.6		6.08		TAS				m_e	
CLL	70.15		pP	18:41:28.846	-0.2	352.9		5.93		TAS				m_e	
CLZ	69.42		P	18:41:11.232	0.5	352.6		6.08		TAS		7.2	0.92	m_e	mb 4.9
CLZ	69.42		pP	18:41:25.496	0.8	352.9		5.93		TAS				m_e	
FLT1	69.00		P	18:41:07.937	-0.3	352.6		6.08		TAS		5.0	0.85	m_e	mb 4.8
FLT1	69.00		pP	18:41:22.105	-0.1	352.9		5.93		TAS				m_e	
GEC2	72.65		P	18:41:30.527	0.1	352.6		6.08		TAS		6.8	0.78	m_e	mb 4.8
GEC2	72.65		pP	18:41:43.764	-0.3	352.9		5.93		TAS				m_e	
KAST	69.87		P	18:41:13.749	0.2	352.6		6.08		TAS		2.9	0.67	m_e	mb 4.5
KAST	69.87		pP	18:41:27.306	0.2	352.9		5.93		TAS		13.2	1.04	m_e	
MOX	70.71		P	18:41:18.806	0.2	352.6		6.08		TAS		11.0	0.75	m_e	mb 5.1
MOX	70.71		pP	18:41:32.345	-0.1	352.9		5.93		TAS				m_e	
NEUB	70.17		P	18:41:14.717	-0.7	352.6		6.08		TAS		13.4	0.83	m_e	mb 5.1
NEUB	70.17		pP	18:41:28.918	0.2	352.9		5.93		TAS				m_e	
NRDL	68.75		P	18:41:06.740	0.0	352.6		6.08		TAS		9.6	1.05	m_e	mb 5.0
NRDL	68.75		pP	18:41:20.740	-0.0	352.9		5.93		TAS				m_e	
PLN	70.91		P	18:41:19.775	-0.1	352.6		6.08		TAS		7.3	0.83	m_e	mb 4.8
PLN	70.91		pP	18:41:33.362	-0.1	352.9		5.93		TAS				m_e	
RETH	68.44		P	18:41:05.109	0.3	352.6		6.08		TAS		9.9	1.28	m_e	mb 4.9
RETH	68.44		pP	18:41:18.665	-0.3	352.9		5.93		TAS				m_e	
ROTZ	71.63		P	18:41:24.103	-0.1	352.6		6.08		TAS		1.8	0.94	m_e	mb 4.2
ROTZ	71.63		pP	18:41:37.938	0.5	352.9		5.93		TAS				m_e	
TANN	71.00		P	18:41:19.994	-0.4	352.6		6.08		TAS		6.2	1.10	m_e	mb 4.7
TANN	71.00		pP	18:41:34.024	0.1	352.9		5.93		TAS				m_e	
TNS	70.84		P	18:41:19.526	0.1	352.6		6.08		TAS		10.7	0.95	m_e	mb 5.0
TNS	70.84		pP	18:41:33.059	-0.2	352.9		5.93		TAS				m_e	
WET	72.30		P	18:41:29.181	0.9	352.6		6.08		TAS		7.3	1.16	m_e	mb 4.7
WET	72.30		pP	18:41:42.210	-0.1	352.9		5.93		TAS				m_e	

Event 80220001 Central Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/20	00:53:16.22			0.7900	-18.1600				10.0				25	52.60	57.94	m i ke	BGR
80220007																	

Magnitude Err Nsta Author OrigID
 mb 5.2 BGR 80220007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	54.01		P	01:02:39.049	0.3	216.1		7.05		TAS				m_e	
BFO	52.60		P	01:02:30.366	-0.5	216.1		7.05		TAS		35.7	1.17	m_e mb	5.2
BRG	56.82		P	01:03:00.442		216.1		7.05		TAS		15.6	1.21	m_e mb	4.9
BRG	56.82		PP	01:05:05.333		214.9		8.22		TAS				m_e	
BSEG	57.94		P	01:03:08.281		216.1		7.05		TAS		26.0	0.77	m_e mb	5.3
BUG	54.84		P	01:02:46.888	0.3	216.1		7.05		TAS				m_e	
CLL	56.79		P	01:03:00.387		216.1		7.05		TAS		12.3	1.11	m_e mb	4.8
CLL	56.79		PP	01:05:06.317	1.0	214.9		8.22		TAS				m_e	
FLT1	56.95		P	01:03:00.149		216.1		7.05		TAS		22.7	1.19	m_e mb	5.1
FUR	53.62		P	01:02:38.170	-1.7	216.1		7.05		TAS				m_e	
GEC2	55.16		P	01:02:48.573	-0.2	216.1		7.05		TAS				m_e	
GEC2	55.16		PP	01:04:53.097		214.9		8.22		TAS				m_e	
GRA1	54.81		P	01:02:46.302	0.4	216.1		7.05		TAS				m_e	
GRA1	54.81		PP	01:04:49.731		214.9		8.22		TAS				m_e	
IBBN	55.74		P	01:02:53.629	0.0	216.1		7.05		TAS				m_e	
KAST	55.02		P	01:02:48.207	0.3	216.1		7.05		TAS				m_e	
MANZ	55.39		P	01:02:50.385	-0.2	216.1		7.05		TAS				m_e	
MOX	55.73		P	01:02:52.749	0.8	216.1		7.05		TAS				m_e	
NEUB	56.23		P	01:02:57.072	0.6	216.1		7.05		TAS		21.5	0.97	m_e mb	5.1
NEUB	56.23		PP	01:05:02.707		214.9		8.22		TAS				m_e	
NRDL	56.68		P	01:03:00.222	-0.2	216.1		7.05		TAS		30.5	1.33	m_e mb	5.2
PLN	55.81		P	01:02:53.482	-0.0	216.1		7.05		TAS				m_e	
RETH	56.63		P	01:02:58.977	-1.4	216.1		7.05		TAS		55.3	1.60	m_e mb	5.3
ROTZ	55.26		P	01:02:49.360	0.6	216.1		7.05		TAS				m_e	
ROTZ	55.26		PP	01:04:52.024		214.9		8.22		TAS				m_e	
TANN	55.87		P	01:02:53.848	-0.2	216.1		7.05		TAS		22.6	1.10	m_e mb	5.1
TANN	55.87		PP	01:04:59.018		214.9		8.22		TAS				m_e	
TNS	54.21		P	01:02:42.566	-0.1	216.1		7.05		TAS				m_e	
UBBA	55.27		P	01:02:50.259	-0.1	216.1		7.05		TAS				m_e	
UBR	52.76		P	01:02:31.796	-0.1	216.1		7.05		TAS		100.3	1.55	m_e mb	5.5
WET	55.04		P	01:02:48.207	0.0	216.1		7.05		TAS				m_e	
WLF	52.95		P	01:02:33.701	0.5	216.1		7.05		TAS		61.8	1.68	m_e mb	5.3

Event 80221004 Taiwan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/21	23:10:47.28			24.4810	121.2450				33.0			19		81.85	86.44	m i ke	BGR
	80221010																

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	80221010
Ms	4.9		BGR	80221010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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BSEG	81.96	P	23:23:03.094	-0.4	59.4	5.09	TAS	13.6	1.04	m_e	mb	5.0
BUG	84.86	P	23:23:17.606	-0.1	59.4	5.09	TAS	29.6	1.15	m_e	mb	5.4
CLL	81.85	P	23:23:01.792	0.0	59.4	5.09	TAS			m_e		
CLZ	83.01	P	23:23:08.510	0.0	59.4	5.09	TAS			m_e		
FLT1	82.30	P	23:23:04.243	0.1	59.4	5.09	TAS			m_e		
FUR	84.39	P	23:23:15.662		59.4	5.09	TAS	74.7	1.23	m_e	mb	5.8
GEC2	82.65	P	23:23:06.398		59.4	5.09	TAS	20.0	0.84	m_e	mb	5.4
GRA1	83.64	P	23:23:11.488		59.4	5.09	TAS			m_e		
GRA1	83.64	L	23:55:10.968				T__	411.3	18.50	a_e	Ms	4.8
GTTG	83.38	P	23:23:10.236	-0.1	59.4	5.09	TAS	23.4	0.80	m_e	mb	5.5
IBBN	84.13	P	23:23:14.088	0.1	59.4	5.09	TAS			m_e		
KAST	84.38	P	23:23:15.311	-0.5	59.4	5.09	TAS	10.0	1.02	m_e	mb	5.0
MANZ	83.00	P	23:23:08.170		59.4	5.09	TAS			m_e		
MOX	82.94	P	23:23:07.891	0.4	59.4	5.09	TAS			m_e		
MOX	82.94	L	00:04:44.909				T__	501.9	18.50	a_e	Ms	4.9
NEUB	82.58	P	23:23:06.159	0.3	59.4	5.09	TAS	29.8	0.78	m_e	mb	5.6
PLN	82.72	P	23:23:06.826		59.4	5.09	TAS	11.6	0.85	m_e	mb	5.1
ROTZ	83.05	P	23:23:08.514		59.4	5.09	TAS	4.0	0.87	m_e	mb	4.7
TANN	82.59	P	23:23:06.065		59.4	5.09	TAS	10.9	1.03	m_e	mb	5.0
WET	82.98	P	23:23:08.119		59.4	5.09	TAS			m_e		
WLF	86.44	P	23:23:25.137		59.4	5.09	TAS	39.7	1.18	m_e	mb	5.4

Event 80221005 Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/21	23:45:02.33	0.70	3.92	38.2550	20.9830	99.0	40.0	56	10.0			34	338	9.52	18.28	m i ke	BGR
80221011																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	9.84		Sn	23:49:05.366	-0.1					T__				m_e	
ARSA	9.84		Pn	23:47:18.577	-4.1					T__				m_e	
ASSE	15.64		Pn	23:48:48.827	6.9					T__				m_e	
BFO	13.63		Pn	23:48:15.519	1.0					T__				m_e	
BRG	13.57		Pn	23:48:20.686	7.0					T__				m_e	
BSEG	17.31		Pn	23:49:01.277	-3.4					T__				m_e	
CLL	14.22		Pn	23:48:24.973	2.5					T__				m_e	
CLZ	15.49		Pn	23:48:41.792	1.9					T__				m_e	
DAVA	12.15		Sn	23:50:01.360	1.1					T__				m_e	
DAVA	12.15		Pn	23:47:54.853	0.5					T__				m_e	
FLT1	15.63		Pn	23:48:42.561	0.7					T__				m_e	
FUR	12.16		Pn	23:47:50.676	-3.8					T__				m_e	
GEC2	11.82		Pn	23:47:43.755	-6.1					T__				m_e	
GRA1	13.41		Pn	23:48:08.374	-3.1					T__				m_e	
GTTG	15.39		Pn	23:48:40.363	1.9					T__				m_e	

HLG	18.28	Pn	23:49:11.940	-5.9	T__	m_e
IBBN	16.81	Pn	23:48:54.173	-3.8	T__	m_e
KAST	15.70	Pn	23:48:42.781	0.1	T__	m_e
KBA	10.45	Sn	23:49:19.556	-0.4	T__	m_e
KBA	10.45	Pn	23:47:36.385	5.3	T__	m_e
MANZ	13.34	Pn	23:48:04.966	-5.5	T__	m_e
MOA	10.77	Sn	23:49:28.679	1.2	T__	m_e
MOA	10.77	Pn	23:47:29.459	-6.0	T__	m_e
MOX	14.06	Pn	23:48:16.069	-4.3	T__	m_e
NEUB	14.48	Pn	23:48:30.909	4.8	T__	m_e
NRDL	16.13	Pn	23:48:50.325	1.7	T__	m_e
OBKA	9.52	Sn	23:48:57.907	0.1	T__	m_e
OBKA	9.52	Pn	23:47:19.676	1.4	T__	m_e
PLN	13.75	Pn	23:48:23.214	7.1	T__	m_e
RETH	16.58	Pn	23:48:53.074	-1.7	T__	m_e
ROTZ	13.12	Pn	23:48:10.463	3.0	T__	m_e
RUE	15.08	Pn	23:48:36.255	1.9	T__	m_e
TANN	13.59	Pn	23:48:08.374	-5.6	T__	m_e
TNS	14.94	Pn	23:48:31.129	-1.2	T__	m_e
UBBA	14.78	Pn	23:48:38.164	8.0	T__	m_e
UBR	12.32	Pn	23:48:02.218	5.5	T__	m_e
WET	12.35	Pn	23:47:52.874	-4.2	T__	m_e
WLF	15.59	Pn	23:48:41.572	0.3	T__	m_e
WTTA	11.32	Sn	23:49:38.702	-1.7	T__	m_e
WTTA	11.32	Pn	23:47:40.122	-2.8	T__	m_e

Event 80224002 Crete, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/24	02:03:01.20			34.1300	26.1000				16.0					17.92	22.03	m i ke	NEIC
80224041																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.2		BGR	80224008
Ms	3.1		BGR	80224008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	21.50		P	02:07:49.686		139.2		14.85		TAS		12.4	0.70	m_e	mb 4.4
ASSE	21.14		P	02:07:47.574		139.2		14.85		TAS		8.5	0.87	m_e	mb 4.1
BFO	19.42		P	02:07:26.729		139.2		14.85		TAS		9.5	0.55	m_e	mb 4.2
BUG	22.03		P	02:07:55.532		139.2		14.85		TAS		16.3	0.88	m_e	mb 4.5
CLL	19.63		P	02:07:28.423		139.2		14.85		TAS		7.3	0.61	m_e	mb 4.1
FLT1	21.10		P	02:07:43.605		139.2		14.85		TAS		6.9	0.79	m_e	mb 4.0
GRA1	19.03		P	02:07:22.602		139.2		14.85		TAS		10.3	0.69	m_e	mb 4.2
GRA1	19.03		L	02:17:19.211						T__		77.6	20.30	a_e	Ms 3.0
GTTG	20.97		P	02:07:43.237		139.2		14.85		TAS		17.4	0.76	m_e	mb 4.5

KAST	21.36	P	02:07:47.499	139.2	14.85	TAS	8.9	0.83	m_e	mb	4.1
MANZ	18.89	P	02:07:20.393	139.2	14.85	TAS	1.3	0.51	m_e	mb	3.4
MOX	19.61	L	02:16:44.866			T__	69.2	18.70	a_e	Ms	3.0
NRDL	21.65	P	02:07:50.516	139.2	14.85	TAS	7.4	0.92	m_e	mb	4.1
STU	19.29	P	02:07:26.196	139.2	14.85	TAS	43.3	0.71	m_e	mb	4.8
TANN	19.10	P	02:07:24.271	139.2	14.85	TAS	15.4	0.92	m_e	mb	4.2
TNS	20.65	P	02:07:42.143	139.2	14.85	TAS	15.0	0.69	m_e	mb	4.4
UBR	18.10	P	02:07:11.832	139.2	14.85	TAS	21.5	0.57	m_e	mb	4.5
WET	17.92	P	02:07:10.248	139.2	14.85	TAS	3.2	0.60	m_e	mb	3.6
WET	17.92	L	02:15:42.780			T__	150.0	19.00	a_e	Ms	3.3
WLF	21.38	P	02:07:48.134	139.2	14.85	TAS	17.3	0.81	m_e	mb	4.4

Event 80224003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/24	02:16:57.10			-21.4100	-179.2500				616.0			23		146.72	152.46	m i ke	EMSC
	80224035																

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	152.46		PKPbc	02:35:44.619		20.2		2.41		TAS					m_e
BFO	152.46		PKPab	02:35:58.060		20.2		2.41		TAS					m_e
BRG	148.82		PKPbc	02:35:36.507	-0.2	20.2		2.41		TAS					m_e
BSEG	146.72		PKPbc	02:35:30.928	-0.3	20.2		2.41		TAS					m_e
BUG	149.60		PKPbc	02:35:38.035	0.1	20.2		2.41		TAS					m_e
CLL	148.66		PKPbc	02:35:35.934	0.2	20.2		2.41		TAS					m_e
CLL	148.66		PKPab	02:35:42.289		20.2		2.41		TAS					m_e
CLZ	148.72		PKPbc	02:35:36.336	-0.1	20.2		2.41		TAS					m_e
FLT1	148.09		PKPbc	02:35:34.271	0.1	20.2		2.41		TAS					m_e
FLT1	148.09		PKPab	02:35:38.885		20.2		2.41		TAS					m_e
FUR	152.00		PKPbc	02:35:43.923		20.2		2.41		TAS					m_e
FUR	152.00		PKPab	02:35:56.926		20.2		2.41		TAS					m_e
GEC2	150.73		PKPbc	02:35:40.862		20.2		2.41		TAS					m_e
GEC2	150.73		PKPab	02:35:50.910		20.2		2.41		TAS					m_e
GRA1	150.58		PKPbc	02:35:41.095		20.2		2.41		TAS					m_e
GRA1	150.58		PKPab	02:35:50.974		20.2		2.41		TAS					m_e
GTTG	149.07		PKPbc	02:35:37.070	-0.1	20.2		2.41		TAS					m_e
KAST	149.66		PKPbc	02:35:38.461	0.2	20.2		2.41		TAS					m_e
MANZ	150.10		PKPbc	02:35:39.597		20.2		2.41		TAS					m_e
MOX	149.60		PKPbc	02:35:38.095	0.5	20.2		2.41		TAS					m_e
NEUB	149.05		PKPbc	02:35:36.957	0.1	20.2		2.41		TAS					m_e
PLN	149.62		PKPbc	02:35:38.358	-0.1	20.2		2.41		TAS					m_e
ROTZ	150.28		PKPbc	02:35:39.705		20.2		2.41		TAS					m_e
RUE	147.40		PKPbc	02:35:33.137	-0.0	20.2		2.41		TAS					m_e
STU	151.88		PKPbc	02:35:43.596		20.2		2.41		TAS					m_e

STU	151.88	PKPab	02:35:55.211		20.2		2.41		TAS		m_e
TANN	149.62	PKPbc	02:35:38.446	-0.5	20.2		2.41		TAS		m_e
TNS	150.61	PKPbc	02:35:40.903	-0.1	20.2		2.41		TAS		m_e
UBBA	149.76	PKPbc	02:35:38.533	0.5	20.2		2.41		TAS		m_e
WET	150.69	PKPab	02:35:51.508		20.2		2.41		TAS		m_e
WLF	151.48	PKPbc	02:35:43.450		20.2		2.41		TAS		m_e

Event 80224004 Northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/24	10:02:35.48			2.1660	99.6450				33.0		11		85.71	89.98	m i ke	BGR
OrigID 80224010																

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	80224010
Ms	4.5		BGR	80224010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	89.98		P	10:15:32.329		89.8		4.81		TAS		10.7	0.93	m_e mb	5.1
ASSE	87.67		L	10:58:30.120						T__		159.7	18.90	a_e Ms	4.5
BSEG	87.87		P	10:15:22.098	-0.3	89.8		4.81		TAS		14.0	0.85	m_e mb	5.3
CLZ	87.86		P	10:15:20.772	0.0	89.8		4.81		TAS		8.1	0.90	m_e mb	5.1
GEC2	85.71		P	10:15:11.536		89.8		4.81		TAS				m_e	
KAST	89.10		P	10:15:28.228		89.8		4.81		TAS		7.0	0.91	m_e mb	4.9
MANZ	86.77		P	10:15:17.485		89.8		4.81		TAS		1.9	0.92	m_e mb	4.2
MOX	87.09		L	10:58:12.554						T__		175.8	19.50	a_e Ms	4.5
NRDL	88.02		P	10:15:23.120	0.3	89.8		4.81		TAS		17.1	0.99	m_e mb	5.3
ROTZ	86.70		P	10:15:16.076		89.8		4.81		TAS		1.3	1.02	m_e mb	4.0
RUE	85.77		P	10:15:11.536	-0.7	89.8		4.81		TAS		21.8	0.77	m_e mb	5.4
TNS	89.12		P	10:15:27.190		89.8		4.81		TAS		13.0	0.93	m_e mb	5.1

Event 80225008 Chiapas, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/25	12:51:45.39			16.1230	-92.5780				33.0		7		83.40	88.33	m i ke	BGR
OrigID 80225014																

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	80225014
Ms	4.3		BGR	80225014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	85.33		P	13:04:19.039		290.8		4.90		TAS		8.6	0.94	m_e mb	5.0

BSEG	84.51	P	13:04:14.555	0.3	290.8	4.90	TAS	26.1	0.99	m_e	mb	5.4
CLZ	85.25	P	13:04:18.818		290.8	4.90	TAS	7.0	0.73	m_e	mb	5.0
FLT1	85.58	P	13:04:19.869		290.8	4.90	TAS	8.3	0.98	m_e	mb	4.8
GEC2	88.33	P	13:04:32.578		290.8	4.90	TAS	4.6	1.06	m_e	mb	4.7
GRA1	86.50	L	13:36:55.098				T__	112.9	19.60	a_e	Ms	4.3
GTTG	85.11	P	13:04:18.140		290.8	4.90	TAS	12.3	0.79	m_e	mb	5.2
KAST	84.31	P	13:04:13.432		290.8	4.90	TAS	5.2	0.82	m_e	mb	4.8
MOX	86.40	L	13:37:19.462				T__	112.0	18.10	a_e	Ms	4.3
NRDL	84.88	P	13:04:16.795	-0.4	290.8	4.90	TAS	11.9	0.82	m_e	mb	5.2
RETH	84.36	P	13:04:14.426	0.1	290.8	4.90	TAS	15.5	0.85	m_e	mb	5.3
STU	85.57	P	13:04:19.974		290.8	4.90	TAS	31.4	0.51	m_e	mb	5.7
TNS	84.64	P	13:04:15.337		290.8	4.90	TAS	16.9	0.68	m_e	mb	5.4
WET	87.71	P	13:04:30.321		290.8	4.90	TAS	3.9	0.69	m_e	mb	4.9
WET	87.71	L	13:36:56.542				T__	122.1	19.90	a_e	Ms	4.3
WLF	83.40	P	13:04:09.372		290.8	4.90	TAS	17.3	0.76	m_e	mb	5.4

Event 80225009 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/25	14:41:29.40			-20.9500	-178.7900			591.0				22		146.34	152.38	m i ke	EMSC
	80225041																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	152.09		PKPbc	15:00:18.574		19.1		2.40		TAS				m_e	
BRG	148.50		PKPbc	15:00:10.710	0.1	19.1		2.40		TAS				m_e	
BSEG	146.34		PKPbc	15:00:04.995	-0.1	19.1		2.40		TAS				m_e	
CLL	148.32		PKPbc	15:00:10.188	0.2	19.1		2.40		TAS				m_e	
CLZ	148.35		PKPbc	15:00:10.498	-0.1	19.1		2.40		TAS				m_e	
FLT1	147.72		PKPbc	15:00:08.333	0.2	19.1		2.40		TAS				m_e	
GEC2	150.42		PKPbc	15:00:15.079		19.1		2.40		TAS				m_e	
GRA1	150.24		PKPbc	15:00:14.997		19.1		2.40		TAS				m_e	
KAST	149.28		PKPbc	15:00:12.630	0.2	19.1		2.40		TAS				m_e	
MANZ	149.76		PKPbc	15:00:13.953		19.1		2.40		TAS				m_e	
MOX	149.25		PKPbc	15:00:12.403	0.3	19.1		2.40		TAS				m_e	
NEUB	148.70		PKPbc	15:00:11.197	0.4	19.1		2.40		TAS				m_e	
NRDL	147.77		PKPbc	15:00:08.646	0.4	19.1		2.40		TAS				m_e	
PLN	149.28		PKPbc	15:00:12.659	-0.5	19.1		2.40		TAS				m_e	
RETH	147.65		PKPbc	15:00:08.439	-0.3	19.1		2.40		TAS				m_e	
ROTZ	149.95		PKPbc	15:00:14.182		19.1		2.40		TAS				m_e	
RUE	147.06		PKPbc	15:00:06.675	0.1	19.1		2.40		TAS				m_e	
TANN	149.28		PKPbc	15:00:12.611	-0.5	19.1		2.40		TAS				m_e	
TNS	150.23		PKPbc	15:00:14.840		19.1		2.40		TAS				m_e	
UBBA	149.40		PKPbc	15:00:12.563	0.2	19.1		2.40		TAS				m_e	
UBR	152.38		PKPbc	15:00:19.330		19.1		2.40		TAS				m_e	

WLF 151.08 PKPbc 15:00:17.096 19.1 2.40 TAS m_e

Event 80225010 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
2018/02/25 16:28:46.04 38.7710 142.0780 44.4 0.7 24 78.64 84.05 m i ke BGR
80225016

Magnitude Err Nsta Author OrigID
mb 5.4 BGR 80225016
Ms 5.6 BGR 80225016

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. It lists seismic station data for event 80225010, including station names like BFO, BRG, BSEG, BUG, CLL, CLZ, FLT1, FUR, GEC2, GRA1, GTTG, IBBN, KAST, MANZ, MOX, NEUB, NRDL, PLN, RETH, ROTZ, RUE, and STU.

TANN	80.77	P	16:40:54.580	-0.1	36.6	5.28	TAS	90.3	2.08	m_e	mb	5.4
TNS	82.44	L	17:23:24.363				T__	2523.5	18.90	a_e	Ms	5.6
UBBA	81.38	P	16:40:57.635	0.2	36.6	5.28	TAS	34.4	1.51	m_e	mb	5.2
WET	81.61	P	16:40:59.194		36.6	5.28	TAS	44.9	1.39	m_e	mb	5.4
WET	81.61	pP	16:41:12.036				T__			m_e		
WET	81.61	L	17:20:35.666				T__	3518.0	19.50	a_e	Ms	5.7

Event 80225011 New Guinea, Papua New Guinea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/25	17:44:44.20			-6.0800	142.7900				30.0			30		117.78	123.35	m i ke	EMSC
	80225043																

Magnitude	Err	Nsta	Author	OrigID
Ms	7.6		BGR	80225017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	122.36		PKPdf	18:03:37.429	-0.0	59.8		1.90		TAS				m_e		
ASSE	119.60		PKPdf	18:03:32.179	-0.5	59.8		1.90		TAS				m_e		
BFO	122.90		PKPdf	18:03:37.502		59.8		1.90		TAS				m_e		
BFO	122.90		L	18:57:48.813						T__	143146.0	21.60		a_e	Ms	7.6
BRG	118.47		PKPdf	18:03:29.805	0.4	59.8		1.90		TAS				m_e		
BSEG	118.81		PKPdf	18:03:30.320	-0.1	59.8		1.90		TAS				m_e		
BSEG	118.81		L	18:57:35.315						T__	170196.0	20.00		a_e	Ms	7.7
BUG	121.75		PKPdf	18:03:35.403	0.2	59.8		1.90		TAS				m_e		
CLL	118.78		PKPdf	18:03:29.664	0.3	59.8		1.90		TAS				m_e		
CLL	118.78		L	18:56:27.990						T__	186091.0	21.80		a_e	Ms	7.7
CLZ	119.91		PKPdf	18:03:32.829	-0.5	59.8		1.90		TAS				m_e		
FLT1	119.20		PKPdf	18:03:30.417	0.1	59.8		1.90		TAS				m_e		
FUR	121.30		PKPdf	18:03:34.659		59.8		1.90		TAS				m_e		
FUR	121.30		L	18:58:43.811						T__	221666.0	20.80		a_e	Ms	7.8
GEC2	119.55		PKPdf	18:03:31.606	-0.2	59.8		1.90		TAS				m_e		
GEC2	119.55		L	18:59:28.251						T__	107386.0	20.80		a_e	Ms	7.5
GRA1	120.56		PKPdf	18:03:33.114	0.1	59.8		1.90		TAS				m_e		
GRA1	120.56		L	18:57:59.266						T__	176721.0	21.90		a_e	Ms	7.7
GTTG	120.28		PKPdf	18:03:33.196	0.4	59.8		1.90		TAS				m_e		
IBBN	121.00		PKPdf	18:03:34.474	0.4	59.8		1.90		TAS				m_e		
KAST	121.29		PKPdf	18:03:35.428	0.2	59.8		1.90		TAS				m_e		
MANZ	119.92		PKPdf	18:03:32.297	-0.4	59.8		1.90		TAS				m_e		
MOX	119.87		PKPdf	18:03:32.324	0.1	59.8		1.90		TAS				m_e		
MOX	119.87		L	18:57:00.117						T__	151723.0	22.00		a_e	Ms	7.6
NEUB	119.50		PKPdf	18:03:31.755	0.1	59.8		1.90		TAS				m_e		
NRDL	119.70		PKPdf	18:03:31.937	-0.6	59.8		1.90		TAS				m_e		
PLN	119.64		PKPdf	18:03:31.829	-0.0	59.8		1.90		TAS				m_e		
RETH	119.95		PKPdf	18:03:32.316	-0.1	59.8		1.90		TAS				m_e		
ROTZ	119.97		PKPdf	18:03:32.212	0.3	59.8		1.90		TAS				m_e		

RUE	117.78	PKPdf	18:03:28.461	0.4	59.8	1.90	TAS											m_e
STU	122.18	PKPdf	18:03:36.702	0.1	59.8	1.90	TAS											m_e
TANN	119.51	PKPdf	18:03:31.633	-0.2	59.8	1.90	TAS											m_e
TNS	121.81	PKPdf	18:03:35.913	0.2	59.8	1.90	TAS											m_e
TNS	121.81	L	19:00:02.541				T__					151972.0	19.90	a_e	Ms		7.6	
UBBA	120.65	PKPdf	18:03:34.007	0.0	59.8	1.90	TAS											m_e
UBR	122.22	PKPdf	18:03:36.766		59.8	1.90	TAS											m_e
WET	119.89	PKPdf	18:03:32.553	-0.5	59.8	1.90	TAS											m_e
WET	119.89	L	18:57:50.361				T__					190432.0	21.30	a_e	Ms		7.7	
WLF	123.35	PKPdf	18:03:39.125	0.0	59.8	1.90	TAS											m_e

Event 80225012 Kamchatka Peninsula, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/25	22:57:09.30			54.2500	158.5800				170.0				8	70.44	73.10	m i ke	EMSC
80225044																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	80225018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	72.88		P	23:08:20.279		19.3		6.04		TAS		5.4	0.81	m_e	mb	4.7
CLL	70.95		P	23:08:08.564		19.3		6.04		TAS		8.0	0.87	m_e	mb	4.9
CLZ	71.00		P	23:08:09.738		19.3		6.04		TAS		7.9	0.88	m_e	mb	4.9
GEC2	73.10		P	23:08:21.248		19.3		6.04		TAS		2.5	0.71	m_e	mb	4.4
GRA1	72.86		P	23:08:20.527		19.3		6.04		TAS		7.2	0.80	m_e	mb	4.9
MOX	71.87		P	23:08:14.317		19.3		6.04		TAS		3.0	0.77	m_e	mb	4.5
NRDL	70.44		P	23:08:05.922	0.5	19.3		6.04		TAS				m_e		
WET	73.00		P	23:08:21.537		19.3		6.04		TAS		3.6	0.78	m_e	mb	4.6

Event 80226004 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/26	04:41:01.30			-5.4300	151.8900				30.0				18	122.48	126.72	m i ke	EMSC
80226036																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.5		BGR	80226010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	126.27		PKPdf	05:00:01.838		50.3		2.03		TAS				m_e	
BRG	122.76		PKPdf	04:59:54.624	-0.1	50.3		2.03		TAS				m_e	
BSEG	122.48		PKPdf	04:59:54.180	-0.2	50.3		2.03		TAS				m_e	

CLL	122.96	PKPdf	04:59:54.635	-0.1	50.3	2.03	TAS	m_e										
CLZ	123.86	PKPdf	04:59:56.929	0.1	50.3	2.03	TAS	m_e										
FLT1	123.14	PKPdf	04:59:55.163	0.1	50.3	2.03	TAS	m_e										
GEC2	124.11	PKPdf	04:59:57.034		50.3	2.03	TAS	m_e										
GEC2	124.11	L	05:54:24.524				T__		1634.5	21.50	a_e	Ms					5.7	
GRA1	124.86	PKPdf	04:59:58.506		50.3	2.03	TAS	m_e										
GRA1	124.86	L	05:54:16.752				T__		840.7	22.00	a_e	Ms					5.4	
KAST	125.20	PKPdf	04:59:59.629	0.1	50.3	2.03	TAS	m_e										
MANZ	124.23	PKPdf	04:59:57.596		50.3	2.03	TAS	m_e										
MOX	124.06	L	05:55:11.634				T__		1288.2	22.00	a_e	Ms					5.5	
NRDL	123.55	PKPdf	04:59:56.249	0.1	50.3	2.03	TAS	m_e										
ROTZ	124.32	PKPdf	04:59:57.365		50.3	2.03	TAS	m_e										
STU	126.47	PKPdf	05:00:01.786		50.3	2.03	TAS	m_e										
TANN	123.78	PKPdf	04:59:56.290		50.3	2.03	TAS	m_e										
TNS	125.86	PKPdf	05:00:00.877		50.3	2.03	TAS	m_e										
UBBA	124.72	PKPdf	04:59:58.350	-0.1	50.3	2.03	TAS	m_e										
UBR	126.72	PKPdf	05:00:02.252		50.3	2.03	TAS	m_e										
WET	124.36	PKPdf	04:59:57.681		50.3	2.03	TAS	m_e										
WET	124.36	L	05:55:24.906				T__		1098.2	20.50	a_e	Ms					5.5	

Event 80226005 New Guinea, Papua New Guinea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/26	08:26:57.20			-6.4000	143.3000				10.0					120.23	121.82	m i ke	EMSC
	80226037																

Magnitude	Err	Nsta	Author	OrigID
Ms	5.6	BGR		80226011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
CLZ	120.45		PKPdf	08:45:51.708		59.5				TAS				m_e		
GRA1	121.11		L	09:40:38.773						T__		1240.0	20.50	a_e	Ms	5.5
KAST	121.82		PKPdf	08:45:54.245		59.5				TAS				m_e		
MANZ	120.47		PKPdf	08:45:51.813		59.5				TAS				m_e		
MOX	120.41		L	09:38:34.994						T__		1481.4	21.30	a_e	Ms	5.6
NRDL	120.23		PKPdf	08:45:50.072		59.5				TAS				m_e		
RETH	120.48		PKPdf	08:45:51.395		59.5				TAS				m_e		
WET	120.44		PKPdf	08:45:51.656		59.5				TAS				m_e		

Event 80226006 New Guinea, Papua New Guinea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/26	11:56:08.10			-6.4700	143.5400				21.0					119.51	124.08	m i ke	EMSC

80226038

Magnitude	Err	Nsta	Author	OrigID
Ms	5.5		BGR	80226012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	123.64		PKPdf	12:15:03.722		59.3				TAS				m_e	
BSEG	119.52		PKPdf	12:14:57.694		59.3				TAS				m_e	
CLL	119.51		PKPdf	12:14:56.410		59.3				TAS				m_e	
CLZ	120.64		PKPdf	12:14:59.794		59.3				TAS				m_e	
GEC2	120.30		PKPdf	12:14:58.127		59.3				TAS				m_e	
GRA1	121.31		L	13:12:08.984						T__		1030.3	19.00	a_e Ms	5.5
IBBN	121.71		PKPdf	12:15:00.382		59.3				TAS				m_e	
MANZ	120.66		PKPdf	12:14:59.413		59.3				TAS				m_e	
MOX	120.60		L	13:10:45.095						T__		1253.4	19.80	a_e Ms	5.6
NRDL	120.42		PKPdf	12:14:58.800		59.3				TAS				m_e	
STU	122.92		PKPdf	12:15:04.135		59.3				TAS				m_e	
TANN	120.25		PKPdf	12:14:58.130		59.3				TAS				m_e	
TNS	122.54		PKPdf	12:15:03.142		59.3				TAS				m_e	
UBR	122.97		PKPdf	12:15:04.158		59.3				TAS				m_e	
WET	120.64		PKPdf	12:14:59.333		59.3				TAS				m_e	
WLF	124.08		PKPdf	12:15:05.516		59.3				TAS				m_e	

Event 80226009 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/26	13:32:00.30			-17.4870	-178.5400				596.5			5		142.98	149.06	m i ke	IDCSEL3
																	80226047

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
BRG	145.23		PKPbc	13:50:30.437		17.2		2.65		TAS				m_e	
BSEG	142.98		PKPbc	13:50:23.668		17.2		2.65		TAS				m_e	
CLL	145.03		PKPbc	13:50:29.909		17.2		2.65		TAS				m_e	
FLT1	144.39		PKPbc	13:50:27.512		17.2		2.65		TAS				m_e	
GEC2	147.18		PKPbc	13:50:35.217		17.2		2.65		TAS				m_e	
PLN	145.98		PKPbc	13:50:32.539		17.2		2.65		TAS				m_e	
ROTZ	146.65		PKPbc	13:50:34.734		17.2		2.65		TAS				m_e	
TANN	145.99		PKPbc	13:50:33.001		17.2		2.65		TAS				m_e	
TNS	146.86		PKPbc	13:50:34.909		17.2		2.65		TAS				m_e	
UBR	149.06		PKPbc	13:50:40.491		17.2		2.65		TAS				m_e	

Event 80226008 Ceram Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/26	13:34:54.80			-2.7200	126.8100				17.0					106.40	111.52	m i ke	EMSC
OrigID 80226040																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.6		BGR	80226014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	106.40		PP	13:53:34.253						T__				m_e	
BUG	110.18		PP	13:54:01.456						T__				m_e	
CLL	106.85		PP	13:53:37.560						T__				m_e	
GRA1	108.42		L	14:48:38.736						T__		1724.8	21.60	a_e Ms	5.6
MOX	107.88		PP	13:53:45.501						T__				m_e	
MOX	107.88		L	14:45:00.956						T__		1392.2	19.90	a_e Ms	5.5
NRDL	108.16		PP	13:53:46.779						T__				m_e	
PLN	107.60		PP	13:53:43.566						T__				m_e	
ROTZ	107.79		PP	13:53:44.606						T__				m_e	
TANN	107.44		PP	13:53:40.499						T__				m_e	
WET	107.56		PP	13:53:43.839						T__				m_e	
WLF	111.52		PP	13:54:08.995						T__				m_e	

Event 80226007 New Guinea, Papua New Guinea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/26	18:28:03.30			-6.0400	142.7200				20.0				9	118.39	122.83	m i ke	EMSC
OrigID 80226039																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.2		BGR	80226013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	122.29		PKPdf	18:46:57.829		59.8		1.79		TAS				m_e	
BFO	122.83		PKPdf	18:46:58.087		59.8		1.79		TAS				m_e	
BRG	118.39		PKPdf	18:46:49.950		59.8		1.79		TAS				m_e	
BSEG	118.74		PKPdf	18:46:51.047		59.8		1.79		TAS				m_e	
CLL	118.70		PKPdf	18:46:50.578		59.8		1.79		TAS				m_e	
CLZ	119.84		PKPdf	18:46:52.811		59.8		1.79		TAS				m_e	
GEC2	119.48		PKPdf	18:46:52.221		59.8		1.79		TAS				m_e	
GRA1	120.49		L	19:41:20.590						T__		523.3	21.90	a_e Ms	5.1
KAST	121.22		PKPdf	18:46:55.186		59.8		1.79		TAS				m_e	
MANZ	119.85		PKPdf	18:46:53.017		59.8		1.79		TAS				m_e	
MOX	119.79		PKPdf	18:46:52.562		59.8		1.79		TAS				m_e	
MOX	119.79		L	19:41:28.737						T__		548.4	20.50	a_e Ms	5.2
NRDL	119.63		PKPdf	18:46:53.042	0.2	59.8		1.79		TAS				m_e	

STU	122.11	PKPdf	18:46:57.001	59.8	1.79	TAS	m_e
TANN	119.44	PKPdf	18:46:52.273	59.8	1.79	TAS	m_e
TNS	121.74	PKPdf	18:46:56.405	59.8	1.79	TAS	m_e
UBR	122.14	PKPdf	18:46:56.884	59.8	1.79	TAS	m_e
WET	119.82	PKPdf	18:46:52.446	59.8	1.79	TAS	m_e

Event 80227002 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/27	02:31:18.15			55.1300	-165.5650				33.0			22		72.79	77.50	m i ke	BGR
	80227008																

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	80227008
Ms	3.9		BGR	80227008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	74.52	P		02:42:51.582	0.2	358.1		5.76		TAS		10.4	0.71	m_e	mb 5.0	
ASSE	73.06	P		02:42:42.710	-0.0	358.1		5.76		TAS		10.3	1.24	m_e	mb 4.8	
BFO	76.79	P		02:43:03.884		358.1		5.76		TAS		5.3	0.80	m_e	mb 4.7	
BRG	74.37	P		02:42:50.551	0.3	358.1		5.76		TAS		5.6	0.77	m_e	mb 4.7	
BUG	73.63	P		02:42:46.128	0.1	358.1		5.76		TAS		15.5	1.01	m_e	mb 5.0	
CLL	73.93	P		02:42:47.701	0.1	358.1		5.76		TAS		5.1	0.70	m_e	mb 4.7	
CLZ	73.34	P		02:42:45.106	0.2	358.1		5.76		TAS		12.7	0.93	m_e	mb 5.0	
FLT1	72.88	P		02:42:41.334	0.1	358.1		5.76		TAS		5.8	0.67	m_e	mb 4.8	
GEC2	76.40	P		02:43:02.275		358.1		5.76		TAS		4.3	0.75	m_e	mb 4.7	
GRA1	75.52	P		02:42:57.514		358.1		5.76		TAS		12.0	0.69	m_e	mb 5.1	
GRA1	75.52	L		03:22:30.316						T__		71.5	21.80	a_e	Ms 3.9	
GTTG	73.63	P		02:42:46.717	0.1	358.1		5.76		TAS		18.2	0.87	m_e	mb 5.1	
IBBN	72.79	P		02:42:41.420	-0.1	358.1		5.76		TAS		12.7	0.67	m_e	mb 5.2	
KAST	73.92	P		02:42:47.893	0.1	358.1		5.76		TAS		7.2	0.89	m_e	mb 4.7	
MOX	74.57	P		02:42:51.894	0.0	358.1		5.76		TAS		9.9	0.60	m_e	mb 5.0	
MOX	74.57	L		03:25:18.206						T__		68.7	20.90	a_e	Ms 3.9	
NEUB	74.02	P		02:42:48.712	0.3	358.1		5.76		TAS		15.4	0.64	m_e	mb 5.2	
PLN	74.74	P		02:42:52.834	-0.6	358.1		5.76		TAS		4.3	0.62	m_e	mb 4.6	
ROTZ	75.46	P		02:42:57.043		358.1		5.76		TAS		1.7	0.98	m_e	mb 4.0	
TANN	74.81	P		02:42:53.301	-0.3	358.1		5.76		TAS		3.2	0.59	m_e	mb 4.5	
TNS	74.90	P		02:42:53.698		358.1		5.76		TAS		6.9	0.72	m_e	mb 4.8	
UBR	77.50	P		02:43:08.307		358.1		5.76		TAS		9.2	0.90	m_e	mb 4.9	
WET	76.09	P		02:43:00.738		358.1		5.76		TAS					m_e	
WLF	75.35	P		02:42:56.399		358.1		5.76		TAS		7.8	0.82	m_e	mb 4.8	

Event 80227003 West of Macquarie Island

./2018/bull1802.txt

Fri Apr 24 06:14:17 2020

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2018/02/27	17:29:22.90			-60.3100	150.8400				10.0					154.93	155.34	m i k e	EMSC
OrigID 80227035																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.8		BGR	80227009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	154.93		PKPab	17:49:39.604		130.4		5.18		TAS				m_e	
GRA1	154.93		L	19:13:09.375						T__		1745.4	20.30	a_e	Ms 5.9
MOX	155.34		L	19:12:38.161						T__		1545.2	21.70	a_e	Ms 5.8

Event 80228001 New Guinea, Papua New Guinea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2018/02/28	02:45:43.90			-6.1300	142.5000				10.0					15	118.34	123.24	m i k e	EMSC
OrigID 80228033																		

Magnitude	Err	Nsta	Author	OrigID
Ms	6.0		BGR	80228007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	118.34		PKPdf	03:04:33.755		60.1		2.10		TAS				m_e	
BUG	121.64		PKPdf	03:04:40.792	0.0	60.1		2.10		TAS				m_e	
FLT1	119.09		PKPdf	03:04:35.407	-0.1	60.1		2.10		TAS				m_e	
GEC2	119.42		PKPdf	03:04:36.206		60.1		2.10		TAS				m_e	
GRA1	120.44		L	04:01:35.173						T__		2660.3	19.90	a_e	Ms 5.9
GTTG	120.17		PKPdf	03:04:38.356	0.5	60.1		2.10		TAS				m_e	
IBBN	120.90		PKPdf	03:04:38.048	-0.1	60.1		2.10		TAS				m_e	
KAST	121.18		PKPdf	03:04:40.342	-0.7	60.1		2.10		TAS				m_e	
MANZ	119.80		PKPdf	03:04:37.471		60.1		2.10		TAS				m_e	
MOX	119.75		L	03:56:11.359						T__		4722.2	21.60	a_e	Ms 6.1
NRDL	119.59		PKPdf	03:04:36.333	-0.1	60.1		2.10		TAS				m_e	
RETH	119.84		PKPdf	03:04:37.559	0.6	60.1		2.10		TAS				m_e	
TANN	119.39		PKPdf	03:04:35.949		60.1		2.10		TAS				m_e	
TNS	121.70		PKPdf	03:04:41.026		60.1		2.10		TAS				m_e	
UBR	122.09		PKPdf	03:04:41.108		60.1		2.10		TAS				m_e	
WET	119.76		PKPdf	03:04:36.929		60.1		2.10		TAS				m_e	
WLF	123.24		PKPdf	03:04:44.735		60.1		2.10		TAS				m_e	

Event 80228002 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2018/02/28 16:21:55.60 -22.4000 171.0100 10.0 145.28 150.28 m i ke EMSC
 80228034

Magnitude Err Nsta Author OrigID
 Ms 4.6 BGR 80228008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	146.42		PKPbc	16:41:35.788		37.7		1.63		TAS				m_e	
BSEG	145.28		PKPbc	16:41:32.181		37.7		1.63		TAS				m_e	
FLT1	146.31		PKPbc	16:41:35.150		37.7		1.63		TAS				m_e	
GEC2	148.05		PKPbc	16:41:40.354		37.7		1.63		TAS				m_e	
GRA1	148.44		PKPbc	16:41:41.150		37.7		1.63		TAS				m_e	
GRA1	148.44		L	17:48:09.552						T__		114.5	21.90	a_e Ms	4.6
GTTG	147.40		PKPbc	16:41:38.641		37.7		1.63		TAS				m_e	
MANZ	147.86		PKPbc	16:41:39.742		37.7		1.63		TAS				m_e	
MOX	147.53		PKPbc	16:41:38.594		37.7		1.63		TAS				m_e	
MOX	147.53		L	17:39:10.605						T__		112.7	21.20	a_e Ms	4.6
NEUB	147.03		PKPbc	16:41:37.412		37.7		1.63		TAS				m_e	
NRDL	146.56		PKPbc	16:41:36.055		37.7		1.63		TAS				m_e	
WLF	150.28		PKPbc	16:41:46.265		37.7		1.63		TAS				m_e	