

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

(produced by SZO/BGR - HANNOVER)

May 2017

UPDATED 14.August 2019

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

Event 70501001 Southeastern Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/01	12:31:57.75			59.8900	-137.5400				33.0				24	62.96	69.59	m i ke	BGR
OrigID 70501007																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.6		BGR	70501007
MBB	7.1		BGR	70501007
Ms	6.1		BGR	70501007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	66.26		S	12:51:35.772	-0.6	345.1		12.30		TAS				m_e	
AHRW	66.26		P	12:42:42.440	-0.2	343.6		6.40		TAS		517.2	1.44	a_e	MBB 7.1
ASSE	65.43		S	12:51:24.802	0.3	345.1		12.30		TAS				m_e	
ASSE	65.43		P	12:42:37.390	-0.1	343.6		6.40		TAS		416.2	1.34	a_e	MBB 7.0
BFO	68.61		S	12:52:03.795		345.1		12.30		TAS				m_e	
BFO	68.61		P	12:42:57.690	-0.1	343.6		6.40		TAS		602.0	1.51	a_e	MBB 7.1
BRG	67.21		S	12:51:45.815	0.0	345.1		12.30		TAS				m_e	
BRG	67.21		P	12:42:48.837	0.1	343.6		6.40		TAS		506.4	1.30	m_e	MBB 7.0
BSEG	63.64		P	12:42:25.937	-0.1	343.6		6.40		TAS		1927.2	1.98	m_e	MBB 7.2
BUG	65.44		S	12:51:25.605	1.0	345.1		12.30		TAS				m_e	
BUG	65.44		P	12:42:37.140	-0.4	343.6		6.40		TAS		588.5	1.27	a_e	MBB 7.1
CLL	66.63		S	12:51:38.320	-0.6	345.1		12.30		TAS				m_e	
CLL	66.63		P	12:42:44.908	-0.2	343.6		6.40		TAS		382.5	1.25	m_e	MBB 7.0
CLZ	65.65		S	12:51:27.747	0.4	345.1		12.30		TAS				m_e	
CLZ	65.65		P	12:42:39.414	0.5	343.6		6.40		TAS		791.1	1.25	m_e	MBB 7.3
FBE	67.06		S	12:51:43.941	-0.2	345.1		12.30		TAS				m_e	
FBE	67.06		P	12:42:47.990	0.1	343.6		6.40		TAS		490.4	1.31	a_e	MBB 7.1
FLT1	65.34		S	12:51:23.062	0.3	345.1		12.30		TAS				m_e	
FLT1	65.34		P	12:42:36.290	-0.6	343.6		6.40		TAS		502.0	1.28	a_e	MBB 7.0

FUR	69.35	P	12:43:02.340	-0.2	343.6	6.40	TAS	612.9	1.29	a_e	MBB	7.2
GEC2	69.13	S	12:52:09.906		345.1	12.30	TAS			m_e		
GEC2	69.13	P	12:43:01.195	0.1	343.6	6.40	TAS	433.2	1.38	m_e	MBB	7.1
GOR1	64.72	P	12:42:33.090	0.2	343.6	6.40	TAS	698.7	1.35	a_e	MBB	7.3
GRA1	67.87	P	12:42:53.290	0.2	343.6	6.40	TAS	567.2	1.29	a_e	MBB	7.1
GRA1	67.87	L	13:13:22.395				T__	10761.7	21.00	a_e	Ms	6.1
GTTG	65.86	S	12:51:31.093	-0.2	345.1	12.30	TAS			m_e		
GTTG	65.86	P	12:42:40.640	0.4	343.6	6.40	TAS	937.2	1.23	a_e	MBB	7.2
GUNZ	67.42	P	12:42:50.190	-0.0	343.6	6.40	TAS	373.7	1.30	a_e	MBB	6.9
HLG	62.96	P	12:42:21.440	-0.2	343.6	6.40	TAS	1411.4	1.34	a_e	MBB	7.2
IBBN	64.72	S	12:51:15.515	0.1	345.1	12.30	TAS			m_e		
IBBN	64.72	P	12:42:33.057	0.2	343.6	6.40	TAS	1762.6	1.80	m_e	MBB	7.3
KAST	65.89	S	12:51:31.360	-0.6	345.1	12.30	TAS			m_e		
KAST	65.89	P	12:42:40.440	0.0	343.6	6.40	TAS	573.0	1.29	a_e	MBB	7.0
MANZ	67.75	S	12:51:53.042		345.1	12.30	TAS			m_e		
MANZ	67.75	P	12:42:51.996	-0.3	343.6	6.40	TAS	84.5	1.48	m_e	MBB	6.3
MOX	67.03	S	12:51:43.673	-0.1	345.1	12.30	TAS			m_e		
MOX	67.03	P	12:42:47.640	-0.1	343.6	6.40	TAS	432.6	1.08	a_e	MBB	7.0
MOX	67.03	L	13:14:31.944				T__	12856.0	18.20	a_e	Ms	6.2
NEUB	66.52	S	12:51:37.784	0.2	345.1	12.30	TAS			m_e		
NEUB	66.52	P	12:42:44.340	-0.1	343.6	6.40	TAS	735.2	1.10	a_e	MBB	7.2
NRDL	64.98	S	12:51:19.315	0.3	345.1	12.30	TAS			m_e		
NRDL	64.98	P	12:42:34.540	-0.1	343.6	6.40	TAS	591.3	1.26	a_e	MBB	7.1
PLN	67.27	S	12:51:47.019	0.4	345.1	12.30	TAS			m_e		
PLN	67.27	P	12:42:49.190	-0.1	343.6	6.40	TAS	363.7	1.12	a_e	MBB	7.0
RETH	64.61	P	12:42:32.340	0.1	343.6	6.40	TAS	598.8	1.29	a_e	MBB	7.2
RGN	63.56	P	12:42:25.590	0.3	343.6	6.40	TAS	1673.8	1.63	a_e	MBB	7.3
ROTZ	67.97	S	12:51:56.254		345.1	12.30	TAS			m_e		
ROTZ	67.97	P	12:42:53.758	-0.0	343.6	6.40	TAS	92.5	1.37	m_e	MBB	6.4
RUE	65.63	S	12:51:26.542	0.6	345.1	12.30	TAS			m_e		
RUE	65.63	P	12:42:38.740	0.1	343.6	6.40	TAS	808.8	1.27	a_e	MBB	7.2
STU	68.37	P	12:42:56.190	-0.1	343.6	6.40	TAS	848.5	1.38	a_e	MBB	7.4
TANN	67.40	P	12:42:50.090	0.0	343.6	6.40	TAS	410.1	1.31	m_e	MBB	7.1
TNS	66.83	S	12:51:41.800	-0.2	345.1	12.30	TAS			m_e		
TNS	66.83	P	12:42:46.323	-0.1	343.6	6.40	TAS	1418.0	2.28	m_e	MBB	7.0
UBR	69.59	P	12:43:04.191	0.1	343.6	6.40	TAS	600.9	1.40	m_e	MBB	7.0
WERD	67.34	S	12:51:47.689	-0.6	345.1	12.30	TAS			m_e		
WERD	67.34	P	12:42:49.597	-0.1	343.6	6.40	TAS	331.7	1.29	m_e	MBB	6.9
WERN	67.50	P	12:42:50.840	0.1	343.6	6.40	TAS	449.0	1.29	a_e	MBB	7.0
WET	68.69	S	12:52:05.221		345.1	12.30	TAS			m_e		
WET	68.69	P	12:42:58.608	0.2	343.6	6.40	TAS	505.9	1.33	m_e	MBB	7.1
WLF	66.90	S	12:51:43.539	0.0	345.1	12.30	TAS			m_e		
WLF	66.90	P	12:42:47.269	0.6	343.6	6.40	TAS	568.3	1.45	m_e	MBB	7.2

OrigID
 2017/05/04 15:47:16.22 72.2400 5.2900 33.0 22 19.66 24.74 m i ke BGR
 70504007

Magnitude Err Nsta Author OrigID
 mb 4.5 BGR 70504007
 Ms 3.7 BGR 70504007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	21.79		P	15:52:05.027	-0.3	356.6		10.49		TAS		42.2	1.08	m_e	mb 4.8
BFO	24.03		P	15:52:28.673		356.6		10.49		TAS		34.3	1.24	m_e	mb 4.7
BRG	21.79		P	15:52:05.432	-0.2	356.6		10.49		TAS		13.2	1.07	m_e	mb 4.3
BUG	20.89		P	15:51:55.592	0.2	356.6		10.49		TAS		39.4	1.19	m_e	mb 4.6
CLZ	20.60		P	15:51:52.897	-0.1	356.6		10.49		TAS		41.6	1.27	m_e	mb 4.6
FBE	21.70		P	15:52:05.162	0.1	356.6		10.49		TAS		19.3	1.15	m_e	mb 4.4
FLT1	20.15		P	15:51:48.044	0.6	356.6		10.49		TAS		27.2	1.22	m_e	mb 4.4
GEC2	23.79		P	15:52:25.515		356.6		10.49		TAS		19.5	1.19	m_e	mb 4.5
GRC1	23.49		L	16:01:07.296						T__		287.8	22.00	a_e	Ms 3.7
GUNZ	22.18		P	15:52:10.284		356.6		10.49		TAS		44.4	1.86	m_e	mb 4.6
KAST	21.16		P	15:51:59.097	0.5	356.6		10.49		TAS		22.0	1.10	m_e	mb 4.4
MANZ	22.54		P	15:52:13.789		356.6		10.49		TAS		5.9	1.56	m_e	mb 3.9
MOX	21.86		P	15:52:06.915	2.4	356.6		10.49		TAS		35.9	1.59	m_e	mb 4.6
MOX	21.86		L	16:00:18.211						T__		264.7	21.50	a_e	Ms 3.6
NEUB	21.32		P	15:52:00.445	0.2	356.6		10.49		TAS		42.0	1.02	m_e	mb 4.7
NRDL	19.93		P	15:51:46.292	-0.1	356.6		10.49		TAS		200.4	2.39	m_e	mb 4.9
PLN	22.05		P	15:52:08.936	-0.5	356.6		10.49		TAS		18.9	1.12	m_e	mb 4.4
RETH	19.66		P	15:51:42.788	-0.3	356.6		10.49		TAS		96.2	1.74	m_e	mb 4.7
ROTZ	22.77		P	15:52:15.811		356.6		10.49		TAS		2.1	0.98	m_e	mb 3.6
TANN	22.14		P	15:52:09.610		356.6		10.49		TAS		20.6	1.45	m_e	mb 4.4
UBR	24.74		P	15:52:35.149		356.6		10.49		TAS		22.7	1.36	m_e	mb 4.7
WERD	22.09		P	15:52:09.071	-1.8	356.6		10.49		TAS		38.6	1.83	m_e	mb 4.5
WERN	22.26		P	15:52:10.823		356.6		10.49		TAS		31.3	1.19	m_e	mb 4.6
WET	23.43		P	15:52:22.415		356.6		10.49		TAS		22.4	1.51	m_e	mb 4.5
WLF	22.66		P	15:52:15.963		356.6		10.49		TAS		190.7	2.86	m_e	mb 5.1

Event 70505010 South of Tonga Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2017/05/05 01:23:28.40 -24.0800 -175.6600 30.0 13 150.75 153.03 m i ke EMSC
 70505042

Magnitude Err Nsta Author OrigID
 Ms 4.7 BGR 70505016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	151.58		PKPbc	01:43:19.914	0.3	14.4		2.34		TAS				m_e	

BRG	152.24	PKPbc	01:43:21.577		14.4		2.34	TAS								m_e
CLL	152.01	PKPbc	01:43:20.884	0.1	14.4		2.34	TAS								m_e
CLZ	151.90	PKPbc	01:43:20.884	-0.2	14.4		2.34	TAS								m_e
FBE	152.31	PKPbc	01:43:22.147		14.4		2.34	TAS								m_e
FLT1	151.31	PKPbc	01:43:19.202	-0.2	14.4		2.34	TAS								m_e
GUNZ	153.03	PKPbc	01:43:23.590		14.4		2.34	TAS								m_e
IBBN	151.70	PKPbc	01:43:20.267	-0.1	14.4		2.34	TAS								m_e
KAST	152.74	PKPbc	01:43:22.546		14.4		2.34	TAS								m_e
MOX	152.89	PKPbc	01:43:22.907		14.4		2.34	TAS								m_e
MOX	152.89	L	03:00:20.163					T__			113.2	19.30	a_e	Ms		4.7
NRDL	151.29	PKPbc	01:43:19.239	-0.2	14.4		2.34	TAS								m_e
PLN	152.95	PKPbc	01:43:23.382		14.4		2.34	TAS								m_e
RUE	150.75	PKPbc	01:43:18.242	0.0	14.4		2.34	TAS								m_e

Event 70505011 Tajikistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/05	05:09:27.86			37.8220	72.3520				33.0			33		42.67	47.79	m i ke	BGR
	70505017																

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	70505017
MBB	6.2		BGR	70505017
Ms	5.5		BGR	70505017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	47.04		P	05:17:55.366		81.2		7.99		TAS		180.9	1.17	m_e	mb 6.1
ASSE	44.57		P	05:17:35.207	-0.2	81.2		7.99		TAS		204.3	1.87	a_e	mb 5.7
BFO	46.67		P	05:17:52.833	-0.4	81.2		7.99		TAS		201.0	1.38	m_e	MBB 6.4
BFO	46.67		L	05:38:41.804						T__		4424.8	18.10	a_e	Ms 5.5
BRG	42.67		P	05:17:20.633	0.8	81.2		7.99		TAS		719.7	1.88	m_e	mb 6.1
BSEG	44.60		P	05:17:35.935	-0.5	81.2		7.99		TAS		155.2	1.08	m_e	mb 5.9
BSEG	44.60		L	05:38:53.759						T__		19421.7	18.10	a_e	Ms 6.1
BUG	46.76		P	05:17:53.257	0.2	81.2		7.99		TAS		319.7	1.52	a_e	mb 6.2
CLL	43.22		P	05:17:24.513	0.1	81.2		7.99		TAS		185.5	1.25	m_e	mb 5.7
CLL	43.22		L	05:37:55.036						T__		9148.1	18.60	a_e	Ms 5.7
CLZ	44.79		P	05:17:37.407	0.9	81.2		7.99		TAS		332.7	1.71	a_e	mb 6.0
FBE	43.04		P	05:17:23.807	0.3	81.2		7.99		TAS		891.6	1.90	m_e	mb 6.2
FLT1	44.20		P	05:17:32.217	-0.2	81.2		7.99		TAS					m_e
FUR	44.77		P	05:17:38.519	0.4	81.2		7.99		TAS		282.6	0.95	m_e	mb 6.2
GEC2	43.06		P	05:17:24.407	-0.7	81.2		7.99		TAS		182.7	1.05	a_e	mb 5.7
GEC2	43.06		L	05:36:55.539						T__		6403.0	18.20	a_e	Ms 5.6
GOR1	44.09		P	05:17:31.781	-0.5	81.2		7.99		TAS		573.8	1.59	m_e	mb 6.1
GTTG	45.08		P	05:17:40.176	0.1	81.2		7.99		TAS		344.5	1.11	m_e	mb 6.2
GUNZ	43.75		P	05:17:29.561	-0.3	81.2		7.99		TAS		101.3	1.00	m_e	mb 5.5
IBBN	46.32		P	05:17:49.657	-0.1	81.2		7.99		TAS		774.9	1.78	a_e	mb 6.4

KAST	46.09	P	05:17:47.658	0.1	81.2	7.99	TAS	258.7	2.21	m_e	mb	5.9
MANZ	43.94	P	05:17:31.292	-0.3	81.2	7.99	TAS	82.9	2.00	m_e	mb	5.1
MOX	44.16	P	05:17:32.748	0.8	81.2	7.99	TAS	124.6	1.06	m_e	MBB	6.0
MOX	44.16	L	05:36:19.378				T__	2048.2	19.00	a_e	Ms	5.1
NEUB	44.00	P	05:17:31.130	0.2	81.2	7.99	TAS	157.0	0.85	m_e	mb	5.8
NRDL	44.87	P	05:17:38.380	0.2	81.2	7.99	TAS	691.3	1.76	m_e	mb	6.3
PLN	43.84	P	05:17:30.108	0.2	81.2	7.99	TAS	95.7	1.22	m_e	mb	5.4
RETH	45.30	P	05:17:41.407	0.4	81.2	7.99	TAS	368.0	1.94	a_e	mb	6.0
RGN	42.80	P	05:17:21.250	-0.1	81.2	7.99	TAS	584.5	1.04	m_e	mb	6.2
ROTZ	43.91	P	05:17:31.071	0.1	81.2	7.99	TAS	47.7	1.44	m_e	mb	5.0
STU	46.02	P	05:17:47.914	-0.0	81.2	7.99	TAS			m_e		
TANN	43.66	P	05:17:28.739	-0.1	81.2	7.99	TAS	433.1	1.97	m_e	mb	5.8
TANN	43.66	L	05:37:12.404				T__	4246.9	21.50	a_e	Ms	5.3
TNS	46.23	P	05:17:49.392	-0.1	81.2	7.99	TAS	132.9	1.39	m_e	mb	5.8
TNS	46.23	L	05:37:08.008				T__	2925.8	18.10	a_e	Ms	5.3
UBR	45.63	P	05:17:44.857	0.2	81.2	7.99	TAS	667.6	1.55	a_e	mb	6.4
WERD	43.75	P	05:17:29.307	-0.2	81.2	7.99	TAS	7633.5	5.74	a_e	mb	6.6
WERN	43.73	P	05:17:29.357	-0.1	81.2	7.99	TAS	212.3	1.81	a_e	mb	5.6
WET	43.56	P	05:17:28.207	-0.2	81.2	7.99	TAS	144.3	1.00	m_e	mb	5.7
WET	43.56	L	05:37:17.546				T__	5568.0	18.40	a_e	Ms	5.5
WLF	47.79	P	05:18:02.126		81.2	7.99	TAS	313.1	1.30	m_e	mb	6.3

Event 70506003 Afghanistan-Tajikistan border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/06	07:15:15.43			38.1450	71.7840				33.0			18		42.12	46.11	m i ke	BGR
70506009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	70506009
Ms	3.6		BGR	70506009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	46.11		P	07:23:35.958		81.3		8.03		TAS		18.0	1.30	m_e	mb	4.9
BFO	46.11		L	07:43:27.976						T__		39.9	20.30	a_e	Ms	3.4
BRG	42.12		P	07:23:03.717	0.7	81.3		8.03		TAS		13.5	0.70	m_e	mb	4.8
BSEG	44.05		P	07:23:18.791		81.3		8.03		TAS		11.3	0.80	m_e	mb	4.7
BSEG	44.05		L	07:44:17.531						T__		127.8	20.50	a_e	Ms	3.8
CLL	42.66		P	07:23:07.456	0.3	81.3		8.03		TAS		11.4	0.67	m_e	mb	4.7
CLL	42.66		L	07:43:36.798						T__		99.1	19.20	a_e	Ms	3.7
CLZ	44.24		P	07:23:20.272		81.3		8.03		TAS		7.6	1.01	m_e	mb	4.4
FBE	42.48		P	07:23:06.924	0.7	81.3		8.03		TAS		17.1	0.78	m_e	mb	4.8
FLT1	43.65		P	07:23:15.114	0.5	81.3		8.03		TAS		17.3	0.93	m_e	mb	4.8
FUR	44.21		L	07:44:00.073						T__		63.7	18.80	a_e	Ms	3.6
GEC2	42.51		P	07:23:07.798	-0.8	81.3		8.03		TAS		8.0	0.70	m_e	mb	4.6
GEC2	42.51		L	07:42:37.929						T__		66.8	19.80	a_e	Ms	3.5

GTTG	44.53	P	07:23:23.118	81.3	8.03	TAS	25.5	1.09	m_e	mb	5.1	
GUNZ	43.19	P	07:23:12.572	-0.2	81.3	8.03	TAS	6.4	0.85	m_e	mb	4.4
MOX	43.61	P	07:23:15.859	-0.1	81.3	8.03	TAS	8.6	1.10	m_e	mb	4.4
MOX	43.61	L	07:44:15.152			T__	79.3	18.70	a_e	Ms	3.6	
NRDL	44.32	P	07:23:21.405		81.3	8.03	TAS	12.6	1.10	m_e	mb	4.6
PLN	43.29	P	07:23:13.184	-0.1	81.3	8.03	TAS	4.9	0.79	m_e	mb	4.3
RGN	42.25	P	07:23:04.131	0.0	81.3	8.03	TAS	172.6	1.98	m_e	mb	5.4
TANN	43.11	P	07:23:11.752	-0.1	81.3	8.03	TAS	4.1	0.77	m_e	mb	4.2
TNS	45.68	L	07:45:36.491			T__	54.8	19.60	a_e	Ms	3.5	
UBR	45.08	P	07:23:28.066		81.3	8.03	TAS	15.0	0.63	m_e	mb	5.1
WERD	43.20	P	07:23:12.548	-0.7	81.3	8.03	TAS	11.4	1.19	m_e	mb	4.5
WET	43.01	P	07:23:11.415	-0.2	81.3	8.03	TAS	10.6	0.91	m_e	mb	4.6
WET	43.01	L	07:42:41.897			T__	68.6	20.00	a_e	Ms	3.5	

Event 70506004 Southwestern Kashmir

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/06	09:51:21.80			33.2070	74.7090				33.0			30		47.07	52.16	m i ke	BGR
70506010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	70506010
MBB	5.6		BGR	70506010
Ms	3.4		BGR	70506010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	51.44		P	10:00:22.869		84.7		7.68		TAS		25.1	1.17	m_e	mb	5.0
ASSE	49.05		P	10:00:04.101	0.8	84.7		7.68		TAS		5.7	0.61	m_e	mb	4.8
BRG	47.07		P	09:59:49.680	-0.1	84.7		7.68		TAS		40.1	0.59	m_e	mb	5.7
BSEG	49.17		P	10:00:05.680	0.3	84.7		7.68		TAS		69.5	0.59	a_e	MBB	5.9
BUG	51.21		P	10:00:21.181		84.7		7.68		TAS		29.8	0.80	m_e	mb	5.3
CLL	47.64		P	09:59:53.448	-0.7	84.7		7.68		TAS		46.9	1.61	m_e	MBB	5.6
CLL	47.64		L	10:22:20.066						T__		40.0	18.00	a_e	Ms	3.4
CLZ	49.25		P	10:00:06.430	0.1	84.7		7.68		TAS		65.7	1.49	a_e	mb	5.4
FBE	47.44		P	09:59:52.611	0.0	84.7		7.68		TAS		51.6	0.62	m_e	mb	5.8
FLT1	48.69		P	10:00:01.250	-0.6	84.7		7.68		TAS		85.3	0.52	m_e	mb	6.0
GEC2	47.34		P	09:59:51.856	-0.0	84.7		7.68		TAS		24.1	1.63	m_e	mb	5.1
GOR1	48.61		P	10:00:01.263	-0.6	84.7		7.68		TAS		127.4	1.36	m_e	mb	5.8
GTTG	49.53		P	10:00:08.611	0.4	84.7		7.68		TAS		45.3	0.64	m_e	mb	5.5
GUNZ	48.12		P	09:59:58.000	0.0	84.7		7.68		TAS		46.0	1.50	m_e	mb	5.4
IBBN	50.82		P	10:00:18.149		84.7		7.68		TAS		44.9	0.76	m_e	mb	5.5
KAST	50.52		P	10:00:15.832	-0.3	84.7		7.68		TAS		31.9	1.78	m_e	mb	5.0
MANZ	48.29		P	09:59:59.743	-0.3	84.7		7.68		TAS		7.6	1.38	m_e	mb	4.6
MOX	48.56		P	10:00:01.195	0.2	84.7		7.68		TAS		23.0	0.62	m_e	MBB	5.4
MOX	48.56		L	10:23:31.428						T__		39.0	18.80	a_e	Ms	3.4
NEUB	48.42		P	09:59:59.783	-0.0	84.7		7.68		TAS		43.5	0.71	m_e	mb	5.7

NRDL	49.37	P	10:00:07.356	0.1	84.7	7.68	TAS	30.9	0.70	m_e	mb	5.4
PLN	48.22	P	09:59:58.638	0.4	84.7	7.68	TAS	13.8	0.65	m_e	mb	5.2
RETH	49.81	P	10:00:10.423	0.2	84.7	7.68	TAS	20.3	0.72	m_e	mb	5.2
RGN	47.40	P	09:59:51.680	0.7	84.7	7.68	TAS	442.1	1.43	a_e	mb	6.4
ROTZ	48.24	P	09:59:59.303	0.5	84.7	7.68	TAS	5.6	0.90	m_e	mb	4.7
RUE	47.13	P	09:59:49.180	-0.7	84.7	7.68	TAS	47.2	0.57	a_e	mb	5.8
STU	50.31	P	10:00:14.972	-0.0	84.7	7.68	TAS	65.7	0.80	m_e	mb	5.6
TANN	48.03	P	09:59:57.261	0.0	84.7	7.68	TAS	29.2	1.39	m_e	mb	5.2
UBR	49.85	P	10:00:11.374	-0.4	84.7	7.68	TAS	25.1	0.60	m_e	mb	5.3
WERD	48.13	P	09:59:57.991	-0.0	84.7	7.68	TAS	42.4	1.47	m_e	mb	5.4
WERN	48.10	P	09:59:57.776	0.1	84.7	7.68	TAS	8.5	0.84	m_e	mb	4.9
WLF	52.16	P	10:00:29.163		84.7	7.68	TAS	27.1	0.64	m_e	mb	5.3

Event 70506005 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
2017/05/06	14:23:20.84			34.7280	140.9710				33.0				17	82.84	85.06	m i ke	BGR
	70506011																

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	70506011
Ms	4.0		BGR	70506011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	82.85		P	14:35:40.961	-0.1	39.4		5.04		TAS		14.6	0.93	m_e	mb	5.2
BUG	85.06		P	14:35:51.811		39.4		5.04		TAS		17.2	0.85	m_e	mb	5.3
CLL	82.91		P	14:35:40.986	-0.1	39.4		5.04		TAS		29.2	0.92	m_e	mb	5.5
CLL	82.91		L	15:19:02.450						T__		54.9	21.00	a_e	Ms	3.9
CLZ	83.56		P	14:35:44.842	0.0	39.4		5.04		TAS		23.6	0.98	m_e	mb	5.4
FBE	83.06		P	14:35:42.395	-0.1	39.4		5.04		TAS		33.4	0.93	m_e	mb	5.6
FLT1	82.84		P	14:35:40.435	0.4	39.4		5.04		TAS		15.1	0.96	m_e	mb	5.2
GEC2	84.48		P	14:35:48.801		39.4		5.04		TAS		9.3	0.91	m_e	mb	5.0
GUNZ	83.91		P	14:35:46.447		39.4		5.04		TAS		16.4	0.90	m_e	mb	5.3
IBBN	84.19		P	14:35:47.752		39.4		5.04		TAS		20.6	0.87	m_e	mb	5.4
MANZ	84.29		P	14:35:48.228		39.4		5.04		TAS		3.1	0.84	m_e	mb	4.6
MOX	83.99		P	14:35:46.672		39.4		5.04		TAS		10.1	0.91	m_e	mb	5.0
MOX	83.99		L	15:18:09.997						T__		76.3	19.80	a_e	Ms	4.1
NEUB	83.50		P	14:35:44.176	0.1	39.4		5.04		TAS		29.5	0.78	m_e	mb	5.6
PLN	83.89		P	14:35:46.113	-0.2	39.4		5.04		TAS		9.6	0.96	m_e	mb	5.0
RETH	83.24		P	14:35:42.856	0.0	39.4		5.04		TAS		16.0	1.19	m_e	mb	5.1
ROTZ	84.42		P	14:35:48.967		39.4		5.04		TAS		7.8	1.50	m_e	mb	4.7
WERD	83.85		P	14:35:45.944	-0.3	39.4		5.04		TAS		11.3	1.11	m_e	mb	5.0
WERN	83.95		P	14:35:46.717		39.4		5.04		TAS		18.1	0.95	m_e	mb	5.3

Event 70506006 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/06	20:43:30.27			53.6410	-170.7480				33.0			31		72.13	78.56	m i ke	BGR
	70506012																

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	70506012
Ms	4.4		BGR	70506012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	74.60		P	20:55:04.294	0.5	1.2		5.65		TAS		26.9	1.33	m_e	mb 5.1
BFO	78.40		P	20:55:25.498		1.2		5.65		TAS		23.6	1.19	m_e	mb 5.2
BFO	78.40		L	21:34:49.672						T__		149.7	21.50	a_e	Ms 4.3
BRG	75.79		P	20:55:10.847	-0.1	1.2		5.65		TAS		32.5	0.87	m_e	mb 5.5
BSEG	72.79		P	20:54:54.126	0.1	1.2		5.65		TAS		34.5	0.97	m_e	mb 5.5
BSEG	72.79		L	21:33:10.145						T__		245.7	20.70	a_e	Ms 4.5
BUG	75.28		P	20:55:07.991	-0.5	1.2		5.65		TAS		113.6	2.21	m_e	mb 5.5
CLL	75.38		P	20:55:08.306	0.1	1.2		5.65		TAS		26.9	0.78	m_e	mb 5.3
CLL	75.38		L	21:31:50.887						T__		178.4	19.80	a_e	Ms 4.4
CLZ	74.89		P	20:55:06.479	0.4	1.2		5.65		TAS		34.0	0.85	m_e	mb 5.4
FBE	75.75		P	20:55:11.350	-0.2	1.2		5.65		TAS		63.8	1.26	m_e	mb 5.6
FLT1	74.39		P	20:55:02.653	0.1	1.2		5.65		TAS		72.3	1.70	m_e	mb 5.4
FUR	78.56		L	21:35:40.784						T__		162.1	20.70	a_e	Ms 4.3
GEC2	77.82		P	20:55:22.470	-0.4	1.2		5.65		TAS		24.1	0.90	m_e	mb 5.3
GEC2	77.82		L	21:35:27.661						T__		228.9	20.80	a_e	Ms 4.5
GOR1	73.73		P	20:54:59.521	-0.2	1.2		5.65		TAS		61.9	1.41	m_e	mb 5.4
GTTG	75.18		P	20:55:08.140	-0.2	1.2		5.65		TAS		73.5	1.46	m_e	mb 5.5
GUNZ	76.34		P	20:55:14.329	-0.1	1.2		5.65		TAS		50.3	1.71	m_e	mb 5.4
IBBN	74.42		P	20:55:03.397	-0.1	1.2		5.65		TAS		99.0	1.54	m_e	mb 5.6
KAST	75.53		P	20:55:09.467	0.4	1.2		5.65		TAS		13.5	0.98	m_e	mb 5.0
MANZ	76.72		P	20:55:16.286	0.4	1.2		5.65		TAS		3.9	1.04	m_e	mb 4.5
MOX	76.07		P	20:55:12.655	-0.1	1.2		5.65		TAS		28.6	0.76	m_e	mb 5.5
MOX	76.07		L	21:33:55.907						T__		207.8	20.50	a_e	Ms 4.4
NEUB	75.52		P	20:55:09.663	-0.2	1.2		5.65		TAS		52.7	0.80	m_e	mb 5.7
NRDL	74.23		P	20:55:02.223	-0.6	1.2		5.65		TAS		60.9	1.67	m_e	mb 5.4
PLN	76.22		P	20:55:13.462	0.0	1.2		5.65		TAS		14.2	0.72	m_e	mb 5.2
RETH	73.99		P	20:55:00.806	0.2	1.2		5.65		TAS		31.6	0.99	m_e	mb 5.3
RGN	72.13		P	20:54:50.537	0.1	1.2		5.65		TAS		77.9	0.78	m_e	mb 5.9
ROTZ	76.94		P	20:55:17.701	0.2	1.2		5.65		TAS		4.5	0.93	m_e	mb 4.6
RUE	74.19		P	20:55:02.219	-0.1	1.2		5.65		TAS		100.8	1.42	m_e	mb 5.7
STU	77.96		P	20:55:23.513		1.2		5.65		TAS		95.1	1.34	m_e	mb 5.8
TANN	76.28		P	20:55:13.933	0.2	1.2		5.65		TAS		44.2	1.63	m_e	mb 5.3
TNS	76.51		P	20:55:15.121	0.1	1.2		5.65		TAS		16.5	0.83	m_e	mb 5.2
TNS	76.51		L	21:35:39.869						T__		314.2	20.20	a_e	Ms 4.6
WERD	76.25		P	20:55:13.740	0.1	1.2		5.65		TAS		35.1	1.57	m_e	mb 5.3
WERN	76.41		P	20:55:14.895	-0.1	1.2		5.65		TAS		26.2	0.91	m_e	mb 5.4
WET	77.55		P	20:55:21.214	0.1	1.2		5.65		TAS		39.8	1.43	m_e	mb 5.3

WET	77.55	L	21:37:07.418						T__	178.6	19.80	a_e	Ms	4.4
WLF	77.04	P	20:55:18.464	-0.1	1.2	5.65			TAS	67.5	1.75	m_e	mb	5.5

Event 70507004 Southern Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/07	04:25:22.14			61.3420	-151.1650				33.0			33		63.80	70.29	m i ke	BGR
OrigID 70507010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	70507010
Ms	4.0		BGR	70507010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	67.11		P	04:36:09.953	0.2	351.0		6.28		TAS		20.3	1.05	m_e	mb	5.3
ASSE	65.95		P	04:36:03.268	0.4	351.0		6.28		TAS		12.7	1.09	a_e	mb	5.1
BFO	69.44		P	04:36:25.018	-0.2	351.0		6.28		TAS		16.7	0.98	a_e	mb	5.2
BFO	69.44		L	05:10:07.469						T__		80.3	19.00	a_e	Ms	4.0
BRG	67.50		P	04:36:12.964	-0.0	351.0		6.28		TAS		15.7	0.83	m_e	mb	5.3
BSEG	64.13		P	04:35:51.718	0.2	351.0		6.28		TAS		21.1	0.96	a_e	mb	5.3
BSEG	64.13		L	05:05:30.567						T__		95.3	21.00	a_e	Ms	4.0
BUG	66.25		P	04:36:05.099	0.5	351.0		6.28		TAS		35.3	0.90	m_e	mb	5.6
CLL	66.99		P	04:36:09.472	-0.6	351.0		6.28		TAS		14.0	0.96	m_e	mb	5.2
CLL	66.99		L	05:04:47.549						T__		85.2	21.30	a_e	Ms	3.9
CLZ	66.21		P	04:36:05.393	-0.1	351.0		6.28		TAS		31.6	0.66	m_e	mb	5.7
FBE	67.40		P	04:36:12.618	-0.1	351.0		6.28		TAS		19.0	0.90	a_e	mb	5.3
FLT1	65.81		P	04:36:02.003	0.1	351.0		6.28		TAS		15.4	1.11	m_e	mb	5.1
FUR	69.94		P	04:36:28.204		351.0		6.28		TAS		32.8	0.86	m_e	mb	5.5
FUR	69.94		L	05:06:31.915						T__		79.8	21.60	a_e	Ms	3.9
GEC2	69.49		P	04:36:25.518	-0.2	351.0		6.28		TAS		11.3	0.82	a_e	mb	5.1
GEC2	69.49		L	05:06:23.606						T__		112.6	18.70	a_e	Ms	4.1
GOR1	65.17		P	04:35:58.654	-0.1	351.0		6.28		TAS		99.7	2.01	m_e	mb	5.7
GTTG	66.46		P	04:36:07.087	0.0	351.0		6.28		TAS		51.1	0.96	m_e	mb	5.7
GUNZ	67.86		P	04:36:15.468	0.5	351.0		6.28		TAS		12.6	0.84	a_e	mb	5.2
IBBN	65.46		P	04:36:00.422	-0.1	351.0		6.28		TAS		34.1	1.38	m_e	mb	5.4
KAST	66.62		P	04:36:07.568	-0.0	351.0		6.28		TAS		12.9	0.92	a_e	mb	5.1
MANZ	68.22		P	04:36:17.518	0.1	351.0		6.28		TAS		3.0	1.12	a_e	mb	4.4
MOX	67.52		P	04:36:13.168	0.0	351.0		6.28		TAS		26.3	0.78	m_e	mb	5.5
MOX	67.52		L	05:06:47.802						T__		82.2	21.30	a_e	Ms	3.9
NEUB	66.99		P	04:36:09.846	-0.4	351.0		6.28		TAS		29.2	0.75	m_e	mb	5.6
NRDL	65.53		P	04:36:00.668	-0.5	351.0		6.28		TAS		20.6	1.00	a_e	mb	5.3
PLN	67.72		P	04:36:14.468	0.0	351.0		6.28		TAS		17.5	0.90	a_e	mb	5.3
RETH	65.22		P	04:35:58.668	0.2	351.0		6.28		TAS		14.3	1.04	a_e	mb	5.1
RGN	63.80		P	04:35:49.843	-0.3	351.0		6.28		TAS		47.3	0.80	m_e	mb	5.8
ROTZ	68.44		P	04:36:19.118	0.1	351.0		6.28		TAS		4.9	0.89	a_e	mb	4.7
RUE	65.90		P	04:36:03.018	-0.1	351.0		6.28		TAS		57.5	0.89	a_e	mb	5.8

TANN	67.82	P	04:36:15.318	0.1	351.0	6.28	TAS	20.0	1.45	a_e	mb	5.1
TNS	67.59	P	04:36:13.668	-0.0	351.0	6.28	TAS	17.0	0.82	a_e	mb	5.3
TNS	67.59	L	05:01:08.500				T__	88.8	20.80	a_e	Ms	4.0
UBR	70.29	P	04:36:30.418		351.0	6.28	TAS	18.4	0.93	a_e	mb	5.2
WERD	67.78	P	04:36:14.868	0.2	351.0	6.28	TAS	11.9	0.99	a_e	mb	5.1
WERN	67.94	P	04:36:16.068	-0.1	351.0	6.28	TAS	14.7	0.92	a_e	mb	5.2
WET	69.12	P	04:36:23.395	-0.1	351.0	6.28	TAS	11.8	1.19	m_e	mb	5.0
WET	69.12	L	05:06:25.303				T__	94.7	19.40	a_e	Ms	4.0
WLF	67.86	P	04:36:15.668	0.2	351.0	6.28	TAS	26.5	1.00	a_e	mb	5.4

Event 70507005 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/07	08:08:33.00			-18.5000	-172.6400				10.0			20		144.56	150.24	m i ke	EMSC
	70507037																

Magnitude	Err	Nsta	Author	OrigID
Ms	4.6		BGR	70507011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	146.34		PKPbc	08:28:19.922	-0.0	7.1		2.72		TAS				m_e	
BFO	150.24		L	09:31:12.847						T__		54.3	20.90	a_e	Ms 4.3
BSEG	144.56		L	09:36:28.741						T__		93.7	19.40	a_e	Ms 4.6
CLL	146.96		PKPbc	08:28:21.591	0.4	7.1		2.72		TAS				m_e	
CLL	146.96		L	09:37:31.628						T__		98.8	18.80	a_e	Ms 4.6
CLZ	146.65		PKPbc	08:28:21.358	-1.2	7.1		2.72		TAS				m_e	
FLT1	146.10		PKPbc	08:28:19.027	0.1	7.1		2.72		TAS				m_e	
FUR	150.24		L	09:40:30.599						T__		123.1	20.10	a_e	Ms 4.7
GEC2	149.30		PKPbc	08:28:26.426		7.1		2.72		TAS				m_e	
GEC2	149.30		L	09:45:44.549						T__		121.3	18.60	a_e	Ms 4.7
GOR1	145.44		PKPbc	08:28:17.299	-0.2	7.1		2.72		TAS				m_e	
GUNZ	147.96		PKPbc	08:28:24.562		7.1		2.72		TAS				m_e	
IBBN	146.26		PKPbc	08:28:19.435	-0.2	7.1		2.72		TAS				m_e	
KAST	147.36		PKPbc	08:28:22.989	0.1	7.1		2.72		TAS				m_e	
MANZ	148.36		PKPbc	08:28:25.902		7.1		2.72		TAS				m_e	
MOX	147.75		PKPbc	08:28:23.420	-1.4	7.1		2.72		TAS				m_e	
MOX	147.75		L	09:42:10.774						T__		88.8	19.60	a_e	Ms 4.6
NRDL	146.01		PKPbc	08:28:19.281	0.6	7.1		2.72		TAS				m_e	
PLN	147.86		PKPbc	08:28:22.756	0.1	7.1		2.72		TAS				m_e	
RETH	145.80		PKPbc	08:28:18.561	-0.7	7.1		2.72		TAS				m_e	
ROTZ	148.56		PKPbc	08:28:26.135		7.1		2.72		TAS				m_e	
TANN	147.90		PKPbc	08:28:24.620		7.1		2.72		TAS				m_e	
TNS	148.34		PKPbc	08:28:25.785		7.1		2.72		TAS				m_e	
TNS	148.34		L	09:37:16.567						T__		97.5	19.90	a_e	Ms 4.6
WERD	147.88		PKPbc	08:28:24.329		7.1		2.72		TAS				m_e	
WERN	148.03		PKPbc	08:28:25.028		7.1		2.72		TAS				m_e	

WET	149.11	L	09:40:16.958							T__		112.6	19.10	a_e	Ms	4.7
WLF	148.90	PKPbc	08:28:27.766	7.1	2.72					TAS				m_e		

Event 70508011 New Ireland, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/08	09:59:46.20			-4.8800	153.2400				52.0			10		122.56	127.38	m i ke	EMSC
	70508043																

Magnitude	Err	Nsta	Author	OrigID
Ms	4.8		BGR	70508017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	127.38		L	11:18:51.660						T__		154.2	18.40	a_e	Ms 4.7
BRG	122.96		PKPpdf	10:18:36.780	0.9	55.2		1.17		TAS				m_e	
BSEG	122.56		L	11:17:27.059						T__		161.7	20.60	a_e	Ms 4.7
CLL	123.13		PKPpdf	10:18:36.275	1.6	55.2		1.17		TAS				m_e	
CLL	123.13		L	11:16:51.491						T__		215.2	20.60	a_e	Ms 4.8
CLZ	124.00		PKPpdf	10:18:39.382		55.2		1.17		TAS				m_e	
FBE	123.21		PKPpdf	10:18:37.713	1.2	55.2		1.17		TAS				m_e	
FLT1	123.27		PKPpdf	10:18:37.352	0.9	55.2		1.17		TAS				m_e	
FUR	126.03		L	11:15:05.879						T__		155.1	20.90	a_e	Ms 4.7
GEC2	124.35		PKPpdf	10:18:39.488		55.2		1.17		TAS				m_e	
GEC2	124.35		L	11:13:20.032						T__		187.3	22.00	a_e	Ms 4.7
GUNZ	124.07		PKPpdf	10:18:39.946		55.2		1.17		TAS				m_e	
MOX	124.23		PKPpdf	10:18:39.481		55.2		1.17		TAS				m_e	
MOX	124.23		L	11:15:00.596						T__		192.7	19.20	a_e	Ms 4.8
TNS	126.00		L	11:16:31.042						T__		236.6	20.60	a_e	Ms 4.8
WERN	124.10		PKPpdf	10:18:39.581		55.2		1.17		TAS				m_e	
WET	124.58		PKPpdf	10:18:40.397		55.2		1.17		TAS				m_e	
WET	124.58		L	11:18:09.772						T__		233.7	19.30	a_e	Ms 4.9

Event 70508012 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/08	15:31:29.76			50.9260	-178.4620				33.0			31		75.25	81.50	m i ke	BGR
	70508018																

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	70508018
MBB	5.7		BGR	70508018
Ms	5.3		BGR	70508018

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	70508019
Ms	5.6		BGR	70508019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	78.68		P	15:59:29.937	-0.1	6.4		5.48		TAS		140.8	1.18	m_e	mb	5.9
ASSE	76.90		P	15:59:19.121	0.2	6.4		5.48		TAS		95.8	1.38	m_e	mb	5.7
BFO	80.83		P	15:59:41.613		6.4		5.48		TAS		81.2	1.38	m_e	mb	5.6
BFO	80.83		L	16:32:19.522						T__		2506.3	21.50	a_e	Ms	5.5
BRG	77.89		P	15:59:25.300	-0.2	6.4		5.48		TAS		93.4	1.24	m_e	mb	5.8
BSEG	75.12		P	15:59:10.676	0.1	6.4		5.48		TAS		188.1	1.47	m_e	mb	5.9
BSEG	75.12		L	16:37:08.308						T__		3304.9	19.40	a_e	Ms	5.6
BUG	77.77		P	15:59:24.661	0.0	6.4		5.48		TAS		158.4	1.41	m_e	mb	6.0
CLL	77.55		P	15:59:23.094	0.2	6.4		5.48		TAS		80.0	1.25	m_e	mb	5.7
CLL	77.55		L	16:35:55.121						T__		2776.2	20.80	a_e	Ms	5.6
CLZ	77.21		P	15:59:22.178	-0.6	6.4		5.48		TAS		174.8	1.25	m_e	mb	6.0
FBE	77.90		P	15:59:25.909	-0.3	6.4		5.48		TAS		171.2	1.30	m_e	mb	6.0
FLT1	76.66		P	15:59:18.334	-1.1	6.4		5.48		TAS				m_e		
FUR	80.81		L	16:30:24.906						T__		1827.0	20.60	a_e	Ms	5.4
GEC2	79.93		P	15:59:36.794	-0.2	6.4		5.48		TAS		64.0	1.23	a_e	mb	5.4
GEC2	79.93		L	16:37:35.691						T__		2734.5	20.60	a_e	Ms	5.6
GOR1	76.00		P	15:59:15.930	0.1	6.4		5.48		TAS				m_e		
GTTG	77.53		P	15:59:23.838	-0.2	6.4		5.48		TAS		185.2	1.36	m_e	mb	6.0
GUNZ	78.54		P	15:59:29.194	0.1	6.4		5.48		TAS		111.7	1.43	a_e	mb	5.7
IBBN	76.89		P	15:59:20.282	0.3	6.4		5.48		TAS		226.8	1.26	m_e	mb	6.2
KAST	77.96		P	15:59:25.946	-0.3	6.4		5.48		TAS		94.8	1.34	m_e	mb	5.7
MANZ	78.93		P	15:59:31.194	0.2	6.4		5.48		TAS		13.8	1.24	a_e	mb	4.8
MOX	78.31		P	15:59:27.694	0.1	6.4		5.48		TAS		95.2	1.27	a_e	mb	5.8
MOX	78.31		L	16:39:00.181						T__		1998.1	19.70	a_e	Ms	5.4
NEUB	77.75		P	15:59:25.074	0.3	6.4		5.48		TAS		188.3	1.19	m_e	mb	6.1
NRDL	76.57		P	15:59:18.555	0.2	6.4		5.48		TAS		115.8	1.31	m_e	mb	5.8
PLN	78.43		P	15:59:28.649	0.0	6.4		5.48		TAS		64.7	1.40	m_e	mb	5.6
RETH	76.37		P	15:59:17.427	0.2	6.4		5.48		TAS		144.3	1.30	m_e	mb	5.9
ROTZ	79.14		P	15:59:32.544	0.3	6.4		5.48		TAS		21.2	1.32	a_e	mb	5.0
RUE	76.32		P	15:59:17.658	-0.6	6.4		5.48		TAS		198.9	1.30	m_e	mb	6.1
TANN	78.48		P	15:59:28.844	0.2	6.4		5.48		TAS		103.0	1.49	a_e	mb	5.7
TNS	78.93		P	15:59:31.469	0.1	6.4		5.48		TAS		92.2	1.13	m_e	mb	5.7
TNS	78.93		L	16:42:44.130						T__		3001.1	19.00	a_e	Ms	5.6
UBBA	78.25		P	15:59:27.294	0.1	6.4		5.48		TAS		144.2	1.66	a_e	mb	5.8
UBR	81.37		P	15:59:44.444		6.4		5.48		TAS		98.3	1.46	a_e	mb	5.6
WERD	78.46		P	15:59:28.848	0.1	6.4		5.48		TAS		89.2	1.39	m_e	mb	5.7
WERN	78.61		P	15:59:29.779	0.2	6.4		5.48		TAS		126.1	1.24	m_e	mb	5.8
WET	79.70		P	15:59:35.794	-0.1	6.4		5.48		TAS		69.8	1.39	a_e	mb	5.4
WET	79.70		L	16:36:57.712						T__		2940.5	21.50	a_e	Ms	5.6
WLF	79.59		P	15:59:35.087	0.1	6.4		5.48		TAS		75.9	1.25	m_e	mb	5.5

Event 70508014 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/08	17:00:53.45			52.0460	-179.6260				33.0			31		74.06	80.31	m i ke	BGR
OrigID 70508020																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	70508020
Ms	6.1		BGR	70508020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	77.63		P	17:12:44.805	0.3	6.8		5.56		TAS		26.2	1.04	a_e	mb	5.3
ASSE	75.84		P	17:12:35.255	-0.4	6.8		5.56		TAS		14.4	1.06	a_e	mb	5.0
BFO	79.77		P	17:12:56.509		6.8		5.56		TAS		62.3	2.18	m_e	mb	5.2
BFO	79.77		L	17:52:56.573						T__		6807.2	19.30	a_e	Ms	6.0
BRG	76.82		P	17:12:40.305	-0.5	6.8		5.56		TAS		10.8	0.94	a_e	mb	5.0
BSEG	74.06		P	17:12:24.982	0.1	6.8		5.56		TAS		36.9	1.17	m_e	mb	5.3
BSEG	74.06		L	17:52:41.914						T__		7331.8	19.20	a_e	Ms	6.0
BUG	76.72		P	17:12:39.905	-0.1	6.8		5.56		TAS		29.4	1.20	a_e	mb	5.3
CLL	76.47		P	17:12:38.205	-0.2	6.8		5.56		TAS		80.1	2.36	a_e	mb	5.4
CLL	76.47		L	17:53:25.083						T__		12201.0	19.50	a_e	Ms	6.2
CLZ	76.14		P	17:12:37.205	-0.2	6.8		5.56		TAS		32.2	1.08	m_e	mb	5.4
FBE	76.82		P	17:12:40.805	0.1	6.8		5.56		TAS		24.3	1.27	a_e	mb	5.2
FLT1	75.60		P	17:12:33.255	0.4	6.8		5.56		TAS		21.0	1.04	a_e	mb	5.2
FUR	79.74		L	17:51:00.530						T__		7797.1	21.70	a_e	Ms	6.0
GEC2	78.85		P	17:12:51.855		6.8		5.56		TAS		29.1	1.77	a_e	mb	5.0
GEC2	78.85		L	17:52:37.424						T__		10060.4	19.30	a_e	Ms	6.2
GOR1	74.94		P	17:12:30.044	-0.4	6.8		5.56		TAS		61.9	1.32	m_e	mb	5.5
GTTG	76.47		P	17:12:38.905	-0.0	6.8		5.56		TAS		38.6	1.28	a_e	mb	5.4
GUNZ	77.46		P	17:12:44.355	0.1	6.8		5.56		TAS		60.1	2.16	a_e	mb	5.3
IBBN	75.84		P	17:12:35.355	0.3	6.8		5.56		TAS		478.4	2.74	a_e	mb	6.1
KAST	76.90		P	17:12:40.847	0.1	6.8		5.56		TAS		8.6	1.23	m_e	mb	4.7
MANZ	77.86		P	17:12:46.305	0.4	6.8		5.56		TAS		11.0	2.30	a_e	mb	4.6
MOX	77.24		P	17:12:43.005	-0.0	6.8		5.56		TAS		19.3	1.27	a_e	mb	5.1
MOX	77.24		L	17:49:36.903						T__		9793.9	21.30	a_e	Ms	6.1
NEUB	76.69		P	17:12:39.541	0.3	6.8		5.56		TAS		38.1	1.26	m_e	mb	5.4
NRDL	75.51		P	17:12:32.901	0.2	6.8		5.56		TAS		150.0	2.58	m_e	mb	5.7
PLN	77.36		P	17:12:43.605	0.2	6.8		5.56		TAS		6.4	0.96	a_e	mb	4.7
RETH	75.32		P	17:12:32.305	0.3	6.8		5.56		TAS		27.3	1.08	m_e	mb	5.2
ROTZ	78.07		P	17:12:47.755	0.1	6.8		5.56		TAS		3.6	1.20	a_e	mb	4.4
TANN	77.40		P	17:12:43.756	-0.2	6.8		5.56		TAS		43.7	2.05	m_e	mb	5.2
TNS	77.88		P	17:12:46.505	0.5	6.8		5.56		TAS		15.2	0.99	a_e	mb	5.1
TNS	77.88		L	17:49:59.523						T__		9669.4	21.90	a_e	Ms	6.1
UBBA	77.19		P	17:12:42.067	-0.2	6.8		5.56		TAS				m_e		
UBR	80.31		P	17:12:59.375		6.8		5.56		TAS		64.3	2.11	m_e	mb	5.2
WERD	77.38		P	17:12:43.484	0.3	6.8		5.56		TAS		8.1	1.14	m_e	mb	4.7
WERN	77.54		P	17:12:44.855	0.0	6.8		5.56		TAS		15.2	1.02	a_e	mb	5.1
WET	78.63		P	17:12:50.955	-0.5	6.8		5.56		TAS		51.1	2.19	a_e	mb	5.2

WET	78.63	L	17:55:48.541						T__	9220.6	18.30	a_e	Ms	6.1
WLF	78.55	P	17:12:50.555	-0.4	6.8		5.56		TAS	18.6	0.92	a_e	mb	5.1

Event 70509010 Southwestern Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/09	01:54:23.45			24.5590	125.1560				33.0			33		82.88	88.08	m i ke	BGR
OrigID 70509016																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	70509016
MBB	6.0		BGR	70509016
Ms	6.4		BGR	70509016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	87.44		P	02:07:07.030	-0.7	56.5		4.97		TAS		19.1	0.88	m_e	mb	5.2
ASSE	84.68		P	02:06:52.595	-0.1	56.5		4.97		TAS		100.4	1.56	a_e	mb	5.8
BFO	88.08		P	02:07:08.962		56.5		4.97		TAS		37.7	1.55	m_e	mb	5.5
BFO	88.08		L	02:52:15.645						T__	12228.6	18.40	a_e	Ms	6.4	
BRG	83.63		P	02:06:47.835	-0.0	56.5		4.97		TAS		76.6	1.08	m_e	mb	5.9
BSEG	83.85		P	02:06:48.546	0.1	56.5		4.97		TAS		141.4	1.08	m_e	mb	6.1
BSEG	83.85		L	02:48:45.657						T__	15448.8	19.00	a_e	Ms	6.4	
BUG	86.80		P	02:07:03.468	0.7	56.5		4.97		TAS		38.9	1.11	m_e	mb	5.4
CLL	83.90		P	02:06:48.445	0.2	56.5		4.97		TAS		118.0	1.12	a_e	mb	6.0
CLL	83.90		L	02:49:30.248						T__	17328.7	18.90	a_e	Ms	6.5	
CLZ	84.99		P	02:06:54.732	0.0	56.5		4.97		TAS		239.2	1.47	m_e	mb	6.2
FBE	83.92		P	02:06:49.195	-0.7	56.5		4.97		TAS		188.4	1.11	a_e	mb	6.2
FLT1	84.27		P	02:06:50.095	-0.3	56.5		4.97		TAS		155.5	1.28	a_e	mb	6.1
FUR	86.55		P	02:07:02.045	0.1	56.5		4.97		TAS		570.0	2.17	a_e	mb	6.3
FUR	86.55		L	02:50:16.014						T__	11091.1	21.00	a_e	Ms	6.2	
GEC2	84.82		P	02:06:53.840	0.4	56.5		4.97		TAS		72.4	1.08	m_e	mb	5.8
GEC2	84.82		L	02:50:47.079						T__	11931.7	18.30	a_e	Ms	6.3	
GOR1	83.88		P	02:06:48.895	-0.5	56.5		4.97		TAS		264.7	1.27	a_e	mb	6.3
GTTG	85.37		P	02:06:56.245	-0.2	56.5		4.97		TAS		179.0	1.65	a_e	mb	6.0
GUNZ	84.77		P	02:06:53.145	-0.0	56.5		4.97		TAS		187.5	1.43	a_e	mb	6.1
IBBN	86.05		P	02:06:59.345	-0.0	56.5		4.97		TAS		114.2	1.47	a_e	mb	5.8
KAST	86.36		P	02:07:01.045	0.2	56.5		4.97		TAS		62.8	1.64	a_e	mb	5.5
MANZ	85.09		P	02:06:54.845	0.1	56.5		4.97		TAS		17.8	1.09	a_e	mb	5.2
MOX	85.00		P	02:06:53.904	0.2	56.5		4.97		TAS		86.2	1.50	m_e	MBB	6.0
MOX	85.00		L	02:50:29.985						T__	20608.5	18.00	a_e	Ms	6.6	
NEUB	84.62		P	02:06:52.195	-0.1	56.5		4.97		TAS		182.5	1.32	a_e	mb	6.1
NRDL	84.76		P	02:06:53.245	-0.2	56.5		4.97		TAS		131.3	1.67	a_e	mb	5.9
PLN	84.79		P	02:06:53.195	0.4	56.5		4.97		TAS		72.5	1.07	a_e	mb	5.8
RETH	85.00		P	02:06:54.224	-0.5	56.5		4.97		TAS		200.9	2.07	m_e	mb	6.0
ROTZ	85.16		P	02:06:55.295	-0.0	56.5		4.97		TAS		37.2	1.57	a_e	mb	5.4
RUE	82.88		P	02:06:44.276	0.3	56.5		4.97		TAS		488.2	2.01	m_e	mb	6.4

STU	87.35	P	02:07:06.758	-0.3	56.5	4.97	TAS	94.5	1.37	m_e	mb	5.7
TANN	84.67	P	02:06:52.595	0.1	56.5	4.97	TAS	67.5	1.14	m_e	mb	5.8
TNS	86.91	P	02:07:04.001	0.6	56.5	4.97	TAS	21.5	1.22	m_e	mb	5.1
TNS	86.91	L	02:51:03.423				T__	11850.0	19.30	a_e	Ms	6.3
UBBA	85.76	P	02:06:58.095	-0.1	56.5	4.97	TAS	56.8	1.40	a_e	mb	5.5
UBR	87.47	P	02:07:06.341		56.5	4.97	TAS	61.6	1.17	m_e	mb	5.6
WERD	84.74	P	02:06:52.895	-0.1	56.5	4.97	TAS	118.3	1.44	a_e	mb	5.9
WERN	84.78	P	02:06:53.295	-0.2	56.5	4.97	TAS	106.8	0.97	a_e	mb	6.0
WET	85.12	P	02:06:55.195	0.1	56.5	4.97	TAS	213.2	2.26	a_e	mb	6.0
WET	85.12	L	02:46:34.191				T__	10194.0	21.60	a_e	Ms	6.2

Event 70509011 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/09	08:59:10.00			51.6290	-177.9540				33.0			34		74.58	80.83	m i ke	BGR
	70509017																

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	70509017
Ms	5.0		BGR	70509017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	78.12		P	09:11:03.783	0.0	5.8		5.52		TAS		144.0	1.15	m_e	mb	6.0
ASSE	76.36		P	09:10:54.058	0.2	5.8		5.52		TAS		87.5	1.25	m_e	mb	5.7
BFO	80.28		P	09:11:15.549	-0.3	5.8		5.52		TAS		57.7	1.17	m_e	mb	5.4
BFO	80.28		L	09:59:59.186						T__		795.8	18.20	a_e	Ms	5.1
BRG	77.38		P	09:10:59.709	-0.1	5.8		5.52		TAS		77.9	1.16	m_e	mb	5.7
BSEG	74.58		P	09:10:44.556	0.1	5.8		5.52		TAS		120.3	0.98	m_e	mb	5.9
BSEG	74.58		L	09:48:42.811						T__		792.4	21.30	a_e	Ms	5.0
BUG	77.21		P	09:10:58.952	0.1	5.8		5.52		TAS		108.8	1.21	m_e	mb	5.9
CLL	77.02		P	09:10:57.440	-0.1	5.8		5.52		TAS		61.1	1.07	m_e	mb	5.7
CLL	77.02		L	09:54:26.937						T__		741.5	19.00	a_e	Ms	5.0
CLZ	76.67		P	09:10:56.098	-0.5	5.8		5.52		TAS		160.8	1.14	m_e	mb	6.1
FBE	77.38		P	09:10:59.976	0.1	5.8		5.52		TAS		147.7	1.25	m_e	mb	6.0
FLT1	76.13		P	09:10:52.534	-0.2	5.8		5.52		TAS		94.3	1.05	m_e	mb	5.9
FUR	80.27		P	09:11:16.022		5.8		5.52		TAS		85.5	1.10	m_e	mb	5.6
FUR	80.27		L	10:00:47.231						T__		637.2	18.60	a_e	Ms	5.0
GEC2	79.41		P	09:11:11.014	-0.3	5.8		5.52		TAS		55.5	1.18	m_e	mb	5.5
GEC2	79.41		L	09:51:45.019						T__		774.1	20.60	a_e	Ms	5.0
GOR1	75.46		P	09:10:49.358	-0.2	5.8		5.52		TAS		197.5	1.21	m_e	mb	6.0
GTTG	76.98		P	09:10:57.923	0.0	5.8		5.52		TAS		156.1	1.10	m_e	mb	6.1
GUNZ	78.01		P	09:11:03.641	-0.1	5.8		5.52		TAS		75.5	1.23	m_e	mb	5.7
IBBN	76.33		P	09:10:54.278	0.1	5.8		5.52		TAS		213.9	1.15	m_e	mb	6.2
KAST	77.40		P	09:11:00.114	-0.2	5.8		5.52		TAS		72.8	1.27	m_e	mb	5.7
MOX	77.78		P	09:11:01.978	0.1	5.8		5.52		TAS		72.1	1.14	m_e	mb	5.7
MOX	77.78		L	09:53:29.508						T__		484.2	20.50	a_e	Ms	4.8

Station	Mag	Err	Nsta	Author	OrigID	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
NEUB	77.22	P	09:10:58.967	0.1	5.8	5.52	TAS	168.1	1.12	m_e	mb	6.1					
NRDL	76.03	P	09:10:52.225	0.2	5.8	5.52	TAS	95.8	1.15	m_e	mb	5.8					
PLN	77.90	P	09:11:02.960	0.1	5.8	5.52	TAS	39.2	1.04	m_e	mb	5.5					
RETH	75.83	P	09:10:51.090	-0.5	5.8	5.52	TAS	124.1	1.19	m_e	mb	5.9					
ROTZ	78.61	P	09:11:06.904	0.1	5.8	5.52	TAS	15.1	1.15	m_e	mb	4.9					
RUE	75.80	P	09:10:51.308	-0.2	5.8	5.52	TAS	154.0	1.18	m_e	mb	6.0					
STU	79.79	P	09:11:13.117	0.1	5.8	5.52	TAS	144.9	0.94	m_e	mb	5.9					
TANN	77.95	P	09:11:03.187	0.4	5.8	5.52	TAS	79.2	1.39	m_e	mb	5.7					
TNS	78.38	P	09:11:05.543	0.2	5.8	5.52	TAS	86.1	1.06	m_e	mb	5.8					
TNS	78.38	L	09:54:16.561				T__	991.2	18.90	a_e	Ms	5.2					
UBBA	77.71	P	09:11:01.825	0.2	5.8	5.52	TAS	101.6	1.59	m_e	mb	5.7					
UBR	80.83	P	09:11:18.657		5.8	5.52	TAS	74.2	1.42	m_e	mb	5.5					
WERD	77.93	P	09:11:03.029	0.2	5.8	5.52	TAS	58.9	1.23	m_e	mb	5.6					
WERN	78.08	P	09:11:04.222	0.1	5.8	5.52	TAS	109.9	1.14	m_e	mb	5.9					
WET	79.18	P	09:11:09.897	-0.1	5.8	5.52	TAS	52.1	1.26	m_e	mb	5.4					
WET	79.18	L	09:53:11.609				T__	693.8	20.30	a_e	Ms	5.0					
WLF	79.02	P	09:11:09.164	-0.1	5.8	5.52	TAS	84.0	1.11	m_e	mb	5.7					

Event 70509012 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/09	13:52:12.20			-14.6000	167.4100				186.0			28		136.78	142.19	m i ke	EMSC
70509044																	

Magnitude Err Nsta Author
Ms 6.2 BGR

OrigID
70509018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	140.77		PKPbc	14:11:13.199		37.4		3.01		TAS				m_e	
ASSE	138.20		PKPbc	14:11:05.554	-0.3	37.4		3.01		TAS				m_e	
BFO	142.19		L	15:21:10.525						T__	4137.7	20.50		a_e Ms	6.2
BRG	137.95		PKPbc	14:11:04.625	0.2	37.4		3.01		TAS				m_e	
BSEG	136.83		PKPbc	14:11:02.244	-0.5	37.4		3.01		TAS				m_e	
BSEG	136.83		L	15:14:43.214						T__	4314.1	21.80		a_e Ms	6.1
BUG	139.93		PKPbc	14:11:11.530		37.4		3.01		TAS				m_e	
CLL	137.99		PKPbc	14:11:03.812	0.6	37.4		3.01		TAS				m_e	
CLL	137.99		L	15:15:18.989						T__	5954.4	21.40		a_e Ms	6.3
CLZ	138.55		PKPbc	14:11:06.196	-1.0	37.4		3.01		TAS				m_e	
FBE	138.15		PKPbc	14:11:05.908	0.8	37.4		3.01		TAS				m_e	
FLT1	137.84		PKPbc	14:11:03.370	-1.0	37.4		3.01		TAS				m_e	
FUR	141.15		PKPbc	14:11:15.154		37.4		3.01		TAS				m_e	
FUR	141.15		L	15:14:55.802						T__	4454.0	21.10		a_e Ms	6.2
GOR1	137.28		PKPbc	14:11:02.222	-1.0	37.4		3.01		TAS				m_e	
GRA1	139.97		PKPbc	14:11:11.309		37.4		3.01		TAS				m_e	
GRA1	139.97		L	15:13:21.577						T__	2825.6	20.40		a_e Ms	6.0
GTTG	138.93		PKPbc	14:11:06.710	-0.2	37.4		3.01		TAS				m_e	

GUNZ	139.00	PKPbc	14:11:07.660	-0.9	37.4	3.01	TAS										m_e
IBBN	139.03	PKPbc	14:11:08.102	-1.4	37.4	3.01	TAS										m_e
KAST	139.76	PKPbc	14:11:10.600	0.8	37.4	3.01	TAS										m_e
MANZ	139.38	PKPbc	14:11:07.572	0.3	37.4	3.01	TAS										m_e
MOX	139.06	PKPbc	14:11:07.108	-0.0	37.4	3.01	TAS										m_e
MOX	139.06	L	15:16:09.767				T__				6207.0	20.50	a_e Ms			6.3	
NEUB	138.56	PKPbc	14:11:07.324	-0.2	37.4	3.01	TAS										m_e
PLN	138.97	PKPbc	14:11:08.168	0.6	37.4	3.01	TAS										m_e
RETH	138.15	PKPbc	14:11:05.704	-0.3	37.4	3.01	TAS										m_e
ROTZ	139.51	PKPbc	14:11:09.521	0.6	37.4	3.01	TAS										m_e
RUE	136.78	PKPbc	14:11:02.641	0.7	37.4	3.01	TAS										m_e
TANN	138.91	PKPbc	14:11:07.285	0.4	37.4	3.01	TAS										m_e
TNS	140.57	PKPbc	14:11:12.669		37.4	3.01	TAS										m_e
TNS	140.57	L	15:11:09.097				T__				3629.4	21.30	a_e Ms			6.1	
WERD	138.94	PKPbc	14:11:07.439	-0.1	37.4	3.01	TAS										m_e
WERN	139.04	PKPbc	14:11:08.521	0.1	37.4	3.01	TAS										m_e
WET	139.72	PKPbc	14:11:10.028	-0.1	37.4	3.01	TAS										m_e
WET	139.72	L	15:15:30.304				T__				4401.4	21.70	a_e Ms			6.2	

Event 70509013 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/09	15:25:35.80			-20.4300	-173.3800				10.0			19		146.43	150.39	m i ke	EMSC
	70509045																

Magnitude	Err	Nsta	Author	OrigID
Ms	5.2		BGR	70509019

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	148.21		PKPbc	15:45:25.031	0.4	8.8		2.34		TAS					m_e
BRG	149.07		PKPbc	15:45:27.429	-0.4	8.8		2.34		TAS					m_e
BSEG	146.43		PKPbc	15:45:19.969	-0.1	8.8		2.34		TAS					m_e
CLL	148.78		PKPbc	15:45:26.097	0.3	8.8		2.34		TAS					m_e
FBE	149.11		PKPbc	15:45:27.163	-0.9	8.8		2.34		TAS					m_e
FLT1	147.96		PKPbc	15:45:23.166	-0.2	8.8		2.34		TAS					m_e
GOR1	147.30		PKPbc	15:45:21.834	-0.6	8.8		2.34		TAS					m_e
GTTG	148.84		PKPbc	15:45:25.564	-0.1	8.8		2.34		TAS					m_e
GUNZ	149.79		PKPbc	15:45:28.495		8.8		2.34		TAS					m_e
IBBN	148.17		PKPbc	15:45:24.498	0.6	8.8		2.34		TAS					m_e
MANZ	150.19		PKPbc	15:45:28.228		8.8		2.34		TAS					m_e
MOX	149.59		PKPbc	15:45:27.696		8.8		2.34		TAS					m_e
MOX	149.59		L	16:59:42.056						T__		390.8	21.80	a_e Ms	5.2
NRDL	147.88		PKPbc	15:45:23.433	0.2	8.8		2.34		TAS					m_e
PLN	149.69		PKPbc	15:45:28.228		8.8		2.34		TAS					m_e
ROTZ	150.39		PKPbc	15:45:29.827		8.8		2.34		TAS					m_e
TANN	149.72		PKPbc	15:45:27.696		8.8		2.34		TAS					m_e

TNS	150.24	PKPbc	15:45:29.028	8.8	2.34	TAS	m_e
WERD	149.71	PKPbc	15:45:27.962	8.8	2.34	TAS	m_e
WERN	149.86	PKPbc	15:45:27.962	8.8	2.34	TAS	m_e

Event 70509014 Southeast of Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/09	19:15:31.16			23.8520	126.2640				33.0			34		84.79	89.59	m i ke	BGR
70509020																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	70509020
Ms	4.1		BGR	70509020

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	88.59		P	19:28:19.297	0.2	56.1		4.87		TAS		75.1	1.80	a_e mb	5.6
ASSE	85.83		P	19:28:06.447	0.2	56.1		4.87		TAS		36.1	1.56	a_e mb	5.3
BFO	89.24		P	19:28:22.597		56.1		4.87		TAS		67.7	1.59	m_e mb	5.6
BFO	89.24		L	20:09:11.776						T__		81.6	21.30	a_e Ms	4.1
BRG	84.79		P	19:28:00.252	0.2	56.1		4.87		TAS		18.7	1.04	m_e mb	5.3
BSEG	84.99		P	19:28:02.047	-0.1	56.1		4.87		TAS		59.8	1.80	a_e mb	5.5
BSEG	84.99		L	20:08:30.458						T__		72.5	21.60	a_e Ms	4.0
BUG	87.95		P	19:28:16.447	-0.5	56.1		4.87		TAS		71.9	1.42	a_e mb	5.8
CLL	85.06		P	19:28:02.547	-0.5	56.1		4.87		TAS		30.2	1.17	a_e mb	5.4
CLL	85.06		L	20:09:12.992						T__		79.9	21.50	a_e Ms	4.1
CLZ	86.14		P	19:28:08.147	0.4	56.1		4.87		TAS		60.6	1.19	a_e mb	5.6
FBE	85.08		P	19:28:03.247	-0.1	56.1		4.87		TAS		38.8	1.08	a_e mb	5.6
FLT1	85.42		P	19:28:03.897	0.1	56.1		4.87		TAS		22.3	1.04	a_e mb	5.3
FUR	87.72		P	19:28:16.047	-0.2	56.1		4.87		TAS		155.1	1.52	a_e mb	6.1
FUR	87.72		L	20:06:44.325						T__		77.8	21.30	a_e Ms	4.1
GEC2	86.00		P	19:28:06.176	-0.0	56.1		4.87		TAS		17.6	1.38	m_e mb	5.0
GEC2	86.00		L	20:11:12.633						T__		75.8	20.90	a_e Ms	4.1
GOR1	85.02		P	19:28:02.547	0.5	56.1		4.87		TAS		39.9	1.48	a_e mb	5.4
GRA1	86.90		P	19:28:11.947	0.1	56.1		4.87		TAS		87.5	1.47	a_e mb	5.7
GRA1	86.90		L	20:12:02.346						T__		81.0	20.00	a_e Ms	4.1
GTTG	86.52		P	19:28:09.847	-0.1	56.1		4.87		TAS		54.9	1.17	a_e mb	5.6
GUNZ	85.93		P	19:28:06.997	0.1	56.1		4.87		TAS		67.4	1.79	a_e mb	5.5
IBBN	87.19		P	19:28:12.797	-0.2	56.1		4.87		TAS		181.4	1.97	a_e mb	5.9
KAST	87.51		P	19:28:14.597	0.1	56.1		4.87		TAS		90.3	1.96	a_e mb	5.8
MANZ	86.26		P	19:28:08.697	0.1	56.1		4.87		TAS		10.0	1.72	a_e mb	4.7
MOX	86.16		P	19:28:07.947	0.3	56.1		4.87		TAS		44.0	1.70	a_e mb	5.3
MOX	86.16		L	20:07:14.706						T__		86.9	21.50	a_e Ms	4.1
NEUB	85.78		P	19:28:05.997	0.1	56.1		4.87		TAS		18.9	0.81	a_e mb	5.3
NRDL	85.91		P	19:28:06.947	0.1	56.1		4.87		TAS		45.8	1.47	a_e mb	5.4
PLN	85.96		P	19:28:07.047	-0.1	56.1		4.87		TAS		40.2	1.71	a_e mb	5.3
RETH	86.14		P	19:28:07.747	0.2	56.1		4.87		TAS		93.1	1.83	a_e mb	5.6

ROTZ	86.33	P	19:28:09.097	0.2	56.1	4.87	TAS	9.6	1.49	a_e	mb	4.7
STU	88.52	P	19:28:19.247	-0.4	56.1	4.87	TAS	194.9	1.66	a_e	mb	6.1
TANN	85.84	P	19:28:06.497	0.1	56.1	4.87	TAS	35.0	1.83	a_e	mb	5.2
TNS	88.07	P	19:28:17.347	-0.1	56.1	4.87	TAS	47.7	1.65	a_e	mb	5.6
TNS	88.07	L	20:09:43.648				T__	111.3	21.20	a_e	Ms	4.2
UBBA	86.91	P	19:28:11.797	0.5	56.1	4.87	TAS	54.2	1.56	a_e	mb	5.4
UBR	88.64	P	19:28:19.997		56.1	4.87	TAS	85.6	1.53	a_e	mb	5.7
WERD	85.90	P	19:28:06.747	0.2	56.1	4.87	TAS	38.1	1.70	a_e	mb	5.3
WERN	85.95	P	19:28:07.147	-1.0	56.1	4.87	TAS	24.9	1.33	a_e	mb	5.2
WET	86.30	P	19:28:08.997	0.4	56.1	4.87	TAS	42.6	1.85	a_e	mb	5.3
WET	86.30	L	20:11:41.070				T__	81.6	21.30	a_e	Ms	4.1
WLF	89.59	P	19:28:24.897		56.1	4.87	TAS	97.2	1.92	a_e	mb	5.7

Event 70509015 Mariana Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/09	19:52:13.90			13.6300	144.9700				125.0					102.43	107.30	m i ke	NEIC

Magnitude	Err	Nsta	Author	OrigID
Ms	4.7		BGR	70509021

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	107.30		PP	20:11:11.620						T__					m_e	
BFO	107.30		L	20:58:01.764						T__		220.5	19.50	a_e	Ms	4.7
BSEG	102.43		L	20:53:26.408						T__		204.8	20.50	a_e	Ms	4.6
CLL	103.05		L	20:54:13.711						T__		182.6	19.00	a_e	Ms	4.6
FUR	106.00		L	20:57:31.786						T__		298.4	19.40	a_e	Ms	4.8
GEC2	104.35		L	20:51:56.005						T__		229.1	21.70	a_e	Ms	4.7
GRA1	104.98		PP	20:10:58.624						T__					m_e	
GRA1	104.98		L	20:56:33.473						T__		189.3	20.50	a_e	Ms	4.6
MOX	104.14		L	20:56:58.960						T__		156.9	21.70	a_e	Ms	4.5
TNS	105.89		L	20:57:23.261						T__		189.5	21.30	a_e	Ms	4.6
WET	104.56		L	20:56:40.187						T__		260.5	19.00	a_e	Ms	4.8

Event 70510010 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2017/05/10	00:10:06.60			-15.5800	167.5900				135.0					22	137.80	143.15	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
Ms	3.8		BGR	70510016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	141.74		PKPdf	00:29:19.984		37.8		1.21		TAS				m_e	
BFO	143.15		PKPdf	00:29:22.167		37.8		1.21		TAS				m_e	
BRG	138.91		PKPdf	00:29:17.290	-0.0	37.8		1.21		TAS				m_e	
BSEG	137.80		PKPdf	00:29:14.799	-0.4	37.8		1.21		TAS				m_e	
BUG	140.91		PKPdf	00:29:20.503		37.8		1.21		TAS				m_e	
CLL	138.95		PKPdf	00:29:16.858	-0.1	37.8		1.21		TAS				m_e	
CLZ	139.52		PKPdf	00:29:17.959	0.8	37.8		1.21		TAS				m_e	
FBE	139.11		PKPdf	00:29:18.180	1.3	37.8		1.21		TAS				m_e	
FLT1	138.81		PKPdf	00:29:16.845	0.3	37.8		1.21		TAS				m_e	
GEC2	140.54		PKPdf	00:29:20.177		37.8		1.21		TAS				m_e	
GOR1	138.25		PKPdf	00:29:16.448	-0.8	37.8		1.21		TAS				m_e	
GUNZ	139.96		PKPdf	00:29:19.234	-0.4	37.8		1.21		TAS				m_e	
KAST	140.73		PKPdf	00:29:20.244		37.8		1.21		TAS				m_e	
MANZ	140.34		PKPdf	00:29:19.488		37.8		1.21		TAS				m_e	
MOX	140.02		L	01:33:35.041						T__		17.5	21.60	a_e Ms	3.8
NRDL	139.07		PKPdf	00:29:17.665	0.3	37.8		1.21		TAS				m_e	
PLN	139.93		PKPdf	00:29:19.546	1.2	37.8		1.21		TAS				m_e	
TANN	139.86		PKPdf	00:29:19.331	-0.2	37.8		1.21		TAS				m_e	
UBR	142.97		PKPdf	00:29:22.311		37.8		1.21		TAS				m_e	
WERD	139.90		PKPdf	00:29:20.390	0.3	37.8		1.21		TAS				m_e	
WERN	140.00		PKPdf	00:29:20.038	-0.8	37.8		1.21		TAS				m_e	
WET	140.67		PKPdf	00:29:20.683		37.8		1.21		TAS				m_e	
WLF	142.80		PKPdf	00:29:20.780		37.8		1.21		TAS				m_e	

Event 70510011 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/10	08:00:02.34			51.3690	-177.6510				33.0					74.86	80.55	m i ke	BGR
	70510017																

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	70510017
Ms	5.4		BGR	70510017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	80.55		L	08:56:08.257						T__		1279.6	20.10	a_e Ms	5.3
BRG	77.66		P	08:11:51.348		7.4		4.80		TAS		121.1	3.05	m_e mb	5.5
BSEG	74.86		L	08:52:02.516						T__		1829.7	20.70	a_e Ms	5.4
CLL	77.30		L	08:46:57.707						T__		1399.4	21.20	a_e Ms	5.3
FUR	80.55		L	08:50:10.164						T__		1650.0	22.00	a_e Ms	5.3
GEC2	79.69		P	08:12:05.827		7.4		4.80		TAS		16.0	1.62	m_e mb	4.7
GEC2	79.69		L	08:51:47.531						T__		2264.7	20.60	a_e Ms	5.5
GRA1	79.03		P	08:12:01.495		7.4		4.80		TAS		36.8	1.29	m_e mb	5.3
GRA1	79.03		L	08:49:25.420						T__		1914.7	21.10	a_e Ms	5.4

MOX	78.06	P	08:11:56.725	7.4	4.80	TAS	9.0	1.00	m_e	mb	4.9
MOX	78.06	L	08:48:46.643			T__	1812.0	21.60	a_e	Ms	5.4
TNS	78.65	L	08:54:50.579			T__	2038.3	18.20	a_e	Ms	5.5
WET	79.46	P	08:12:04.746	7.4	4.80	TAS	9.6	1.38	m_e	mb	4.6
WET	79.46	L	08:51:51.589			T__	1600.6	21.80	a_e	Ms	5.3

Event 70510012 Kashmir-Xinjiang border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2017/05/10	21:58:13.77			36.1320	76.5250				33.0			31		46.34	51.47	m i ke	BGR
70510018																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	70510018
Ms	5.0		BGR	70510018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	48.21		P	22:06:48.792	0.0	80.4		7.73		TAS		37.4	1.86	m_e	mb	5.2
BFO	50.37		P	22:07:06.021		80.4		7.73		TAS		29.2	1.47	m_e	mb	5.0
BFO	50.37		L	22:28:19.158						T__		1078.6	21.50	a_e	Ms	4.8
BRG	46.34		P	22:06:34.735	-0.2	80.4		7.73		TAS		41.6	1.43	m_e	mb	5.3
BSEG	48.20		P	22:06:49.338	0.7	80.4		7.73		TAS		238.3	2.63	m_e	mb	5.9
BSEG	48.20		L	22:27:34.192						T__		1878.1	19.70	a_e	Ms	5.1
BUG	50.41		P	22:07:06.305		80.4		7.73		TAS		41.8	1.30	a_e	mb	5.2
CLL	46.88		P	22:06:38.405	0.0	80.4		7.73		TAS		43.0	1.60	m_e	mb	5.3
CLL	46.88		L	22:26:11.425						T__		1644.9	20.40	a_e	Ms	5.0
CLZ	48.43		P	22:06:51.105	0.8	80.4		7.73		TAS		37.1	1.40	a_e	mb	5.3
FBE	46.70		P	22:06:37.755	-0.8	80.4		7.73		TAS		60.2	1.43	a_e	mb	5.5
FLT1	47.84		P	22:06:45.830	0.9	80.4		7.73		TAS		53.4	1.37	m_e	mb	5.5
FUR	48.47		P	22:06:52.349	-0.2	80.4		7.73		TAS		67.8	1.20	m_e	mb	5.7
FUR	48.47		L	22:27:16.754						T__		1161.4	19.30	a_e	Ms	4.9
GEC2	46.77		P	22:06:38.605	0.0	80.4		7.73		TAS		54.3	1.50	a_e	mb	5.5
GEC2	46.77		L	22:26:12.671						T__		1421.6	21.10	a_e	Ms	4.9
GOR1	47.72		P	22:06:45.555	-0.0	80.4		7.73		TAS		49.2	1.28	a_e	mb	5.5
GRA1	48.24		P	22:06:50.555	0.3	80.4		7.73		TAS		85.4	1.55	a_e	mb	5.6
GRA1	48.24		L	22:28:04.845						T__		1912.2	18.00	a_e	Ms	5.1
GTTG	48.73		P	22:06:53.589	0.4	80.4		7.73		TAS		57.9	1.19	m_e	mb	5.5
GUNZ	47.42		P	22:06:43.461	-0.1	80.4		7.73		TAS		84.1	2.13	m_e	mb	5.5
IBBN	49.96		P	22:07:02.948		80.4		7.73		TAS		60.6	1.53	m_e	mb	5.3
KAST	49.74		P	22:07:00.635	-0.0	80.4		7.73		TAS				m_e		
MANZ	47.62		P	22:06:45.230	0.4	80.4		7.73		TAS		5.3	1.39	m_e	mb	4.5
MOX	47.84		P	22:06:46.687	-0.5	80.4		7.73		TAS		38.0	1.61	m_e	mb	5.3
MOX	47.84		L	22:28:19.517						T__		1693.8	18.90	a_e	Ms	5.0
NEUB	47.66		P	22:06:44.982	-0.5	80.4		7.73		TAS		53.0	1.52	m_e	mb	5.4
NRDL	48.50		P	22:06:51.754	0.2	80.4		7.73		TAS		68.7	1.46	m_e	mb	5.5
PLN	47.52		P	22:06:44.138	-0.3	80.4		7.73		TAS		86.0	2.33	m_e	mb	5.5

Station	Time	Phase	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Def	SNR	Amp	Per	Qual	Magnitude
RETH	48.92	P	22:06:54.883	0.3	80.4			7.73		TAS	124.6	2.34	m_e	mb	5.5
STU	49.71	P	22:07:01.488	-0.2	80.4			7.73		TAS	137.2	1.47	m_e	mb	5.7
TANN	47.33	P	22:06:42.901	-0.1	80.4			7.73		TAS	76.6	2.15	m_e	mb	5.5
TNS	49.90	L	22:29:32.398							T__	1367.9	20.70	a_e	Ms	4.9
UBBA	48.82	P	22:06:54.063	0.2	80.4			7.73		TAS	44.5	1.74	m_e	mb	5.2
UBR	49.34	P	22:06:58.355	-0.7	80.4			7.73		TAS	94.9	1.54	a_e	mb	5.6
WERD	47.43	P	22:06:43.255	0.1	80.4			7.73		TAS	38.3	1.57	a_e	mb	5.3
WERN	47.41	P	22:06:43.577	-0.3	80.4			7.73		TAS	75.8	2.18	m_e	mb	5.4
WET	47.26	P	22:06:42.255	0.2	80.4			7.73		TAS	58.2	1.80	a_e	mb	5.4
WET	47.26	L	22:28:09.681							T__	991.8	18.30	a_e	Ms	4.8
WLF	51.47	P	22:07:14.116		80.4			7.73		TAS	35.0	1.27	m_e	mb	5.1

Event 70511001 South Sandwich Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/10	23:23:36.40			-56.5700	-25.9200				10.0					108.36	114.06	m i ke	EMSC
OrigID 70511033																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.4		BGR	70511007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	108.36		L	00:23:06.644						T__	14911.3	20.30	a_e	Ms	6.5
BSEG	114.06		L	00:28:23.358						T__	10539.1	18.50	a_e	Ms	6.5
CLL	112.21		L	00:28:23.192						T__	4196.6	20.10	a_e	Ms	6.0
FUR	108.87		L	00:23:28.560						T__	13183.2	20.30	a_e	Ms	6.5
GEC2	110.10		L	00:26:27.955						T__	9382.4	19.70	a_e	Ms	6.4
GRA1	110.29		PP	23:42:31.258						T__				m_e	
GRA1	110.29		L	00:25:11.074						T__	6374.2	20.30	a_e	Ms	6.2
MOX	111.27		L	00:26:02.730						T__	7683.5	19.80	a_e	Ms	6.3
TNS	110.17		L	00:24:11.249						T__	14827.5	20.20	a_e	Ms	6.6
WET	110.17		L	00:25:10.743						T__	13350.4	19.80	a_e	Ms	6.5

Event 70511008 Iran-Armenia-Azerbaijan border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/11	03:24:40.45			39.9590	44.7750				33.0				26	23.77	28.29	m i ke	BGR
OrigID 70511014																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	70511014
Ms	3.7		BGR	70511014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	28.28		P	03:30:30.322		99.6		9.07		TAS		21.2	0.94	m_e	mb 5.0
BFO	27.25		L	03:46:38.697						T__		184.7	20.00	a_e	Ms 3.6
BRG	24.07		P	03:29:52.041	0.1	99.6		9.07		TAS		41.5	1.28	m_e	mb 4.8
BSEG	27.05		P	03:30:17.316	-0.2	99.6		9.07		TAS		115.7	2.41	m_e	mb 5.2
BSEG	27.05		L	03:43:03.130						T__		544.9	21.20	a_e	Ms 4.1
BUG	28.29		P	03:30:30.315		99.6		9.07		TAS		263.0	2.80	a_e	mb 5.6
CLL	24.75		P	03:29:57.965	-0.3	99.6		9.07		TAS		47.2	0.86	m_e	mb 5.2
CLL	24.75		L	03:42:15.979						T__		306.9	21.30	a_e	Ms 3.8
CLZ	26.47		P	03:30:13.513	0.2	99.6		9.07		TAS		45.4	1.58	m_e	mb 4.9
FBE	24.44		P	03:29:55.715	0.4	99.6		9.07		TAS		81.6	1.45	a_e	mb 5.1
FLT1	26.07		P	03:30:08.950	0.2	99.6		9.07		TAS		22.3	1.30	m_e	mb 4.6
FUR	25.27		L	03:42:59.369						T__		218.1	18.90	a_e	Ms 3.7
GEC2	23.77		P	03:29:50.229	0.6	99.6		9.07		TAS		145.9	1.54	m_e	mb 5.3
GEC2	23.77		L	03:43:51.984						T__		164.1	21.80	a_e	Ms 3.5
GRA1	25.52		P	03:30:05.714	-0.2	99.6		9.07		TAS		13.0	0.96	m_e	mb 4.5
GRA1	25.52		L	03:43:19.633						T__		251.1	22.00	a_e	Ms 3.7
GTTG	26.66		P	03:30:15.523	-0.1	99.6		9.07		TAS		81.1	1.93	m_e	mb 5.1
GUNZ	24.94		P	03:29:59.997	-0.4	99.6		9.07		TAS		8.2	1.20	m_e	mb 4.3
IBBN	28.15		P	03:30:28.398		99.6		9.07		TAS		53.3	1.66	m_e	mb 5.1
KAST	27.54		P	03:30:23.617		99.6		9.07		TAS		64.9	1.78	m_e	mb 5.2
MANZ	25.01		P	03:30:00.529	-0.4	99.6		9.07		TAS		1.7	1.11	m_e	mb 3.7
MOX	25.45		P	03:30:04.262	0.1	99.6		9.07		TAS		7.1	0.78	m_e	mb 4.5
MOX	25.45		L	03:45:38.846						T__		229.8	20.50	a_e	Ms 3.7
NEUB	25.47		P	03:30:04.767	-0.4	99.6		9.07		TAS		65.1	1.08	m_e	mb 5.3
PLN	25.08		P	03:30:00.897	0.1	99.6		9.07		TAS		5.0	0.87	m_e	mb 4.3
RETH	27.28		P	03:30:20.249		99.6		9.07		TAS		16.6	1.06	m_e	mb 4.7
RUE	24.62		P	03:29:55.610	0.0	99.6		9.07		TAS		109.6	1.19	m_e	mb 5.5
STU	26.71		P	03:30:16.392		99.6		9.07		TAS		71.7	0.72	m_e	mb 5.5
TANN	24.87		P	03:29:59.171	-0.1	99.6		9.07		TAS		20.6	2.06	m_e	mb 4.5
TNS	27.37		P	03:30:22.477		99.6		9.07		TAS		17.6	1.12	m_e	mb 4.7
TNS	27.37		L	03:40:38.456						T__		231.4	21.40	a_e	Ms 3.7
UBBA	26.49		P	03:30:13.926	0.0	99.6		9.07		TAS		39.1	1.51	m_e	mb 4.8
WERD	24.98		P	03:30:00.027	-0.3	99.6		9.07		TAS		5.2	0.84	m_e	mb 4.3
WERN	24.90		P	03:29:59.715	-0.1	99.6		9.07		TAS		7.5	0.88	a_e	mb 4.4
WET	24.36		L	03:44:10.184						T__		218.5	19.20	a_e	Ms 3.7

Event 70511009 Kodiak Island, Alaska, United States, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/11	14:36:40.27			57.6670	-153.5480				33.0			34		67.99	74.15	m i ke	BGR
70511015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	70511015
Ms	4.8		BGR	70511015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	70.98		P	14:47:52.084	0.3	351.5		6.00		TAS		33.6	1.26	a_e mb	5.3
ASSE	69.81		P	14:47:45.484	0.9	351.5		6.00		TAS		35.2	1.31	a_e mb	5.3
BFO	73.31		P	14:48:06.184	-0.2	351.5		6.00		TAS		29.2	1.19	a_e mb	5.3
BFO	73.31		L	15:24:37.781						T__		737.6	18.90	a_e Ms	5.0
BRG	71.34		P	14:47:54.784	-0.0	351.5		6.00		TAS		52.7	1.38	a_e mb	5.5
BSEG	67.99		P	14:47:34.484	-0.1	351.5		6.00		TAS		88.1	1.44	a_e mb	5.8
BUG	70.12		P	14:47:47.297	-0.0	351.5		6.00		TAS		116.5	1.49	m_e mb	5.8
CLL	70.83		P	14:47:51.384	0.0	351.5		6.00		TAS		49.3	1.46	m_e mb	5.4
CLL	70.83		L	15:19:44.476						T__		628.2	20.90	a_e Ms	4.8
CLZ	70.06		P	14:47:47.534	0.3	351.5		6.00		TAS		113.5	1.50	a_e mb	5.8
FBE	71.24		P	14:47:54.484	-0.0	351.5		6.00		TAS		67.8	1.30	a_e mb	5.6
FLT1	69.66		P	14:47:44.134	-0.2	351.5		6.00		TAS		78.3	1.61	a_e mb	5.6
FUR	73.79		P	14:48:09.334		351.5		6.00		TAS				a_e	
FUR	73.79		L	15:20:02.237						T__		349.9	21.80	a_e Ms	4.6
GEC2	73.33		P	14:48:06.734	-0.2	351.5		6.00		TAS		50.1	1.69	a_e mb	5.4
GEC2	73.33		L	15:22:59.769						T__		670.5	20.80	a_e Ms	4.9
GOR1	69.01		P	14:47:41.034	-0.0	351.5		6.00		TAS		98.6	1.67	a_e mb	5.8
GRA1	72.27		P	14:48:00.634	0.4	351.5		6.00		TAS		72.8	1.55	a_e mb	5.6
GRA1	72.27		L	15:27:38.077						T__		554.2	18.60	a_e Ms	4.9
GTTG	70.31		P	14:47:48.984	-0.1	351.5		6.00		TAS		147.1	1.47	a_e mb	5.9
GUNZ	71.71		P	14:47:57.134	0.0	351.5		6.00		TAS		41.0	1.50	a_e mb	5.3
IBBN	69.33		P	14:47:42.684	-0.6	351.5		6.00		TAS		86.0	1.47	a_e mb	5.8
KAST	70.49		P	14:47:49.684	-0.4	351.5		6.00		TAS		57.0	1.42	a_e mb	5.5
MANZ	72.06		P	14:47:59.184	-0.2	351.5		6.00		TAS		6.3	1.21	a_e mb	4.6
MOX	71.36		P	14:47:54.984	0.0	351.5		6.00		TAS		89.8	1.44	a_e mb	5.7
MOX	71.36		L	15:24:48.056						T__		537.5	20.20	a_e Ms	4.8
NEUB	70.83		P	14:47:51.684	-0.5	351.5		6.00		TAS		128.2	1.56	a_e mb	5.8
NRDL	69.39		P	14:47:43.034	0.0	351.5		6.00		TAS		87.8	1.44	a_e mb	5.8
PLN	71.57		P	14:47:56.234	0.2	351.5		6.00		TAS		52.4	1.47	a_e mb	5.5
RETH	69.07		P	14:47:41.184	-0.1	351.5		6.00		TAS		73.9	1.44	a_e mb	5.7
RUE	69.73		P	14:47:45.134	0.3	351.5		6.00		TAS		115.9	1.27	a_e mb	5.9
STU	72.97		P	14:48:04.384	-0.4	351.5		6.00		TAS				a_e	
TANN	71.67		P	14:47:56.984	0.1	351.5		6.00		TAS		34.1	1.34	a_e mb	5.3
TNS	71.46		P	14:47:55.484	0.0	351.5		6.00		TAS		74.5	1.61	a_e mb	5.6
TNS	71.46		L	15:18:41.211						T__		526.8	21.90	a_e Ms	4.8
UBBA	71.04		P	14:47:53.034	0.0	351.5		6.00		TAS		42.8	1.61	a_e mb	5.3
UBR	74.15		P	14:48:11.484		351.5		6.00		TAS		38.4	1.43	a_e mb	5.2
WERD	71.62		P	14:47:56.534	0.4	351.5		6.00		TAS		26.4	1.26	a_e mb	5.2
WERN	71.79		P	14:47:57.784	0.2	351.5		6.00		TAS		61.3	1.46	a_e mb	5.5
WET	72.97		P	14:48:04.984	-0.0	351.5		6.00		TAS		57.1	1.52	a_e mb	5.5
WET	72.97		L	15:21:09.575						T__		505.4	20.20	a_e Ms	4.8
WLF	71.73		P	14:47:57.434	0.3	351.5		6.00		TAS		91.2	1.49	a_e mb	5.7

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/11	17:58:02.29			38.9390	40.1130				33.0			31		21.36	26.35	m i k e	BGR
70511016																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	70511016
Ms	3.6		BGR	70511016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	25.96		P	18:03:32.598		106.7		10.05		TAS		39.3	0.99	m_e	mb	5.0
BFO	24.69		P	18:03:21.396	-0.4	106.7		10.05		TAS		14.1	1.00	m_e	mb	4.7
BFO	24.69		L	18:14:49.504						T__		162.3	19.60	a_e	Ms	3.5
BRG	21.92		P	18:02:51.526	-0.8	106.7		10.05		TAS		16.1	1.24	m_e	mb	4.3
BSEG	25.18		P	18:03:24.332	-0.5	106.7		10.05		TAS		31.5	1.33	m_e	mb	4.9
BSEG	25.18		L	18:17:15.272						T__		334.0	18.60	a_e	Ms	3.9
BUG	26.07		P	18:03:33.668		106.7		10.05		TAS		39.1	1.09	m_e	mb	5.0
CLL	22.63		P	18:02:59.078	-0.4	106.7		10.05		TAS		49.4	1.07	m_e	mb	5.0
CLL	22.63		L	18:16:07.453						T__		160.4	19.00	a_e	Ms	3.5
CLZ	24.35		P	18:03:16.599	1.2	106.7		10.05		TAS		57.6	1.05	a_e	mb	5.0
FBE	22.28		P	18:02:55.651	-0.4	106.7		10.05		TAS		34.3	1.22	m_e	mb	4.7
FLT1	24.03		P	18:03:12.913	-0.1	106.7		10.05		TAS		33.6	1.22	m_e	mb	4.7
FUR	22.73		P	18:03:02.013	0.3	106.7		10.05		TAS		74.5	1.19	m_e	mb	5.1
FUR	22.73		L	18:15:17.328						T__		157.3	21.40	a_e	Ms	3.4
GEC2	21.36		P	18:02:47.049	-0.2	106.7		10.05		TAS		39.8	1.19	a_e	mb	4.6
GEC2	21.36		L	18:10:42.866						T__		275.0	21.20	a_e	Ms	3.6
GOR1	24.25		P	18:03:16.213	0.3	106.7		10.05		TAS		192.0	1.28	m_e	mb	5.5
GRA1	23.16		P	18:03:05.749	1.7	106.7		10.05		TAS		178.1	1.34	m_e	mb	5.4
GRA1	23.16		L	18:15:09.801						T__		250.0	18.10	a_e	Ms	3.7
GTTG	24.49		P	18:03:18.528	0.0	106.7		10.05		TAS		48.0	1.26	m_e	mb	4.9
GUNZ	22.69		P	18:03:00.311	-0.2	106.7		10.05		TAS		19.3	0.99	m_e	mb	4.6
IBBN	26.03		P	18:03:33.132		106.7		10.05		TAS		135.0	1.50	m_e	mb	5.4
KAST	25.31		P	18:03:26.472	-1.5	106.7		10.05		TAS		78.2	1.31	m_e	mb	5.3
MANZ	22.70		P	18:03:00.522	-0.7	106.7		10.05		TAS		7.6	1.58	m_e	mb	4.0
MOX	23.21		P	18:03:05.049	-0.7	106.7		10.05		TAS		31.7	1.26	m_e	mb	4.7
MOX	23.21		L	18:13:48.846						T__		168.4	20.50	a_e	Ms	3.5
NEUB	23.31		P	18:03:05.786	-0.0	106.7		10.05		TAS		39.4	1.00	m_e	mb	4.9
NRDL	24.74		P	18:03:20.591	0.7	106.7		10.05		TAS		39.1	1.16	m_e	mb	5.0
RETH	25.25		P	18:03:25.832	-0.8	106.7		10.05		TAS		109.3	1.17	m_e	mb	5.5
STU	24.22		P	18:03:16.051	1.5	106.7		10.05		TAS		289.3	1.15	m_e	mb	5.7
TANN	22.63		P	18:02:59.498	-0.0	106.7		10.05		TAS		35.6	1.57	m_e	mb	4.7
TNS	25.03		P	18:03:24.236	-0.9	106.7		10.05		TAS		109.5	1.33	m_e	mb	5.4
TNS	25.03		L	18:15:17.908						T__		256.4	19.20	a_e	Ms	3.7
UBBA	24.24		P	18:03:16.391	0.5	106.7		10.05		TAS		27.4	1.45	m_e	mb	4.6
UBR	23.40		P	18:03:08.553	1.8	106.7		10.05		TAS		70.6	1.09	m_e	mb	5.1
WERD	22.73		P	18:03:00.238	1.4	106.7		10.05		TAS		15.8	1.48	m_e	mb	4.3
WERN	22.64		P	18:03:00.018	-0.2	106.7		10.05		TAS		38.8	1.12	m_e	mb	4.8
WET	21.97		P	18:02:52.585	-0.8	106.7		10.05		TAS		37.5	1.24	m_e	mb	4.7
WET	21.97		L	18:16:09.014						T__		273.7	19.40	a_e	Ms	3.7

WLF 26.35 P 18:03:35.844 106.7 10.05 TAS 42.2 0.96 m_e mb 5.0

Event 70512001 Kermadec Islands region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2017/05/12 00:46:59.89 -27.6310 -176.8750 33.0 25 153.19 158.94 m i ke BGR
70512007

Magnitude Err Nsta Author OrigID
Ms 5.0 BGR 70512007

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 70512001, including station names like AHRW, ASSE, BFO, BRG, BSEG, BUG, CLL, CLZ, FBE, FLT1, FUR, GEC2, and GOR1, along with their respective distances, phases, and magnitudes.

GOR1	153.95	PKPab	01:07:05.022	17.3	2.08	TAS			m_e	
GRA1	157.11	PKPdf	01:06:46.485	17.3	2.08	TAS			m_e	
GRA1	157.11	PKPab	01:07:18.250	17.3	2.08	TAS			m_e	
GRA1	157.11	L	02:18:50.687			T__	360.8	20.70	a_e Ms	5.2
GTTG	155.56	PKPdf	01:06:44.948	17.3	2.08	TAS			m_e	
GTTG	155.56	PKPbc	01:06:55.379	0.2 17.3	2.08	TAS			m_e	
GTTG	155.56	PKPab	01:07:11.630	17.3	2.08	TAS			m_e	
GUNZ	156.24	PKPdf	01:06:45.593	17.3	2.08	TAS			m_e	
GUNZ	156.24	PKPbc	01:06:56.357	0.3 17.3	2.08	TAS			m_e	
GUNZ	156.24	PKPab	01:07:15.012	17.3	2.08	TAS			m_e	
IBBN	155.11	PKPdf	01:06:45.045	17.3	2.08	TAS			m_e	
IBBN	155.11	PKPbc	01:06:54.402	-0.4 17.3	2.08	TAS			m_e	
IBBN	155.11	PKPab	01:07:09.284	17.3	2.08	TAS			m_e	
KAST	156.12	PKPdf	01:06:45.940	17.3	2.08	TAS			m_e	
KAST	156.12	PKPbc	01:06:55.673	-0.4 17.3	2.08	TAS			m_e	
KAST	156.12	PKPab	01:07:13.307	17.3	2.08	TAS			m_e	
MANZ	156.64	PKPdf	01:06:46.232	17.3	2.08	TAS			m_e	
MANZ	156.64	PKPbc	01:06:58.116	0.2 17.3	2.08	TAS			m_e	
MANZ	156.64	PKPab	01:07:16.140	17.3	2.08	TAS			m_e	
MOX	156.12	PKPdf	01:06:45.807	17.3	2.08	TAS			m_e	
MOX	156.12	PKPbc	01:06:55.770	0.3 17.3	2.08	TAS			m_e	
MOX	156.12	PKPab	01:07:13.955	17.3	2.08	TAS			m_e	
MOX	156.12	L	02:17:45.428			T__	192.0	21.20	a_e Ms	4.9
NEUB	155.57	PKPdf	01:06:44.461	17.3	2.08	TAS			m_e	
NEUB	155.57	PKPbc	01:06:55.282	-0.4 17.3	2.08	TAS			m_e	
NEUB	155.57	PKPab	01:07:11.437	17.3	2.08	TAS			m_e	
NRDL	154.62	PKPdf	01:06:43.588	17.3	2.08	TAS			m_e	
NRDL	154.62	PKPbc	01:06:52.579	-0.2 17.3	2.08	TAS			m_e	
NRDL	154.62	PKPab	01:07:07.533	17.3	2.08	TAS			m_e	
PLN	156.16	PKPdf	01:06:45.711	17.3	2.08	TAS			m_e	
PLN	156.16	PKPbc	01:06:56.259	0.1 17.3	2.08	TAS			m_e	
PLN	156.16	PKPab	01:07:14.055	17.3	2.08	TAS			m_e	
RETH	154.49	PKPdf	01:06:43.870	17.3	2.08	TAS			m_e	
RETH	154.49	PKPbc	01:06:52.838	-0.3 17.3	2.08	TAS			m_e	
RETH	154.49	PKPab	01:07:06.349	17.3	2.08	TAS			m_e	
RUE	153.94	PKPdf	01:06:42.827	17.3	2.08	TAS			m_e	
RUE	153.94	PKPbc	01:06:51.623	-0.1 17.3	2.08	TAS			m_e	
RUE	153.94	PKPab	01:07:04.623	17.3	2.08	TAS			m_e	
STU	158.38	PKPdf	01:06:48.262	17.3	2.08	TAS			m_e	
STU	158.38	PKPab	01:07:23.545	17.3	2.08	TAS			m_e	
TANN	156.16	PKPdf	01:06:46.027	17.3	2.08	TAS			m_e	
TANN	156.16	PKPbc	01:06:56.650	-0.0 17.3	2.08	TAS			m_e	
TANN	156.16	PKPab	01:07:14.469	17.3	2.08	TAS			m_e	
TNS	157.08	PKPdf	01:06:46.920	17.3	2.08	TAS			m_e	
TNS	157.08	PKPbc	01:06:59.431	-0.3 17.3	2.08	TAS			m_e	
TNS	157.08	PKPab	01:07:17.903	17.3	2.08	TAS			m_e	
WERD	156.16	PKPdf	01:06:45.535	17.3	2.08	TAS			m_e	
WERD	156.16	PKPbc	01:06:56.357	-0.1 17.3	2.08	TAS			m_e	
WERD	156.16	PKPab	01:07:14.270	17.3	2.08	TAS			m_e	

WERN	156.30	PKPdf	01:06:45.531	17.3	2.08	TAS	m_e
WERN	156.30	PKPbc	01:06:56.943	0.8 17.3	2.08	TAS	m_e
WERN	156.30	PKPab	01:07:15.047	17.3	2.08	TAS	m_e
WET	157.24	PKPdf	01:06:47.098	17.3	2.08	TAS	m_e
WET	157.24	PKPab	01:07:19.352	17.3	2.08	TAS	m_e
WLF	157.88	PKPdf	01:06:47.787	17.3	2.08	TAS	m_e
WLF	157.88	PKPab	01:07:21.995	17.3	2.08	TAS	m_e

Event 70512004 Off coast of central America

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/12	10:51:15.56			12.9510	-90.0100				33.0		33		84.18	89.17	m i ke	BGR
OrigID 70512010																

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	70512010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.56		P	10:53:57.252	-0.0	287.2		5.16		TAS				m_e	
ASSE	86.34		P	10:54:06.378	0.0	287.2		5.16		TAS		31.1	0.91	m_e mb	5.4
BFO	85.90		P	10:54:04.399	-0.5	287.2		5.16		TAS				m_e	
BRG	88.66		P	10:54:18.042	-0.3	287.2		5.16		TAS				m_e	
BSEG	85.63		P	10:54:02.835	1.4	287.2		5.16		TAS		68.0	0.99	m_e mb	5.7
BUG	84.47		P	10:53:56.704	-0.1	287.2		5.16		TAS				m_e	
CLL	87.96		P	10:54:14.543	-0.2	287.2		5.16		TAS		70.8	0.90	m_e mb	6.0
CLZ	86.24		P	10:54:06.138	0.4	287.2		5.16		TAS		45.7	0.84	m_e mb	5.6
FBE	88.29		P	10:54:16.412	0.1	287.2		5.16		TAS				m_e	
FLT1	86.61		P	10:54:08.025	0.3	287.2		5.16		TAS		67.5	0.90	m_e mb	5.8
GEC2	89.17		P	10:54:20.723	-0.8	287.2		5.16		TAS				m_e	
GOR1	86.46		P	10:54:07.270	0.3	287.2		5.16		TAS				m_e	
GRA1	87.36		P	10:54:11.867	0.4	287.2		5.16		TAS		45.2	0.92	m_e mb	5.6
GTTG	86.07		P	10:54:05.045	0.5	287.2		5.16		TAS				m_e	
GUNZ	87.85		P	10:54:14.337	0.1	287.2		5.16		TAS		52.3	0.93	m_e mb	5.9
HLG	84.18		P	10:53:54.835	-3.0	287.2		5.16		TAS				m_e	
IBBN	84.56		P	10:53:57.252	0.1	287.2		5.16		TAS				m_e	
KAST	85.23		P	10:54:00.889	0.2	287.2		5.16		TAS				m_e	
MANZ	87.82		P	10:54:14.131	0.0	287.2		5.16		TAS		8.8	0.91	m_e mb	5.1
MOX	87.33		P	10:54:11.593	0.1	287.2		5.16		TAS		32.1	1.03	m_e mb	5.4
NEUB	87.26		P	10:54:11.181	0.0	287.2		5.16		TAS		44.5	0.87	m_e mb	5.6
NRDL	85.90		P	10:54:04.178	1.0	287.2		5.16		TAS		34.8	0.93	m_e mb	5.5
PLN	87.70		P	10:54:13.182	-0.3	287.2		5.16		TAS		55.7	0.94	m_e mb	5.9
RETH	85.40		P	10:54:01.575	0.1	287.2		5.16		TAS				m_e	
RUE	88.05		P	10:54:15.094	-0.4	287.2		5.16		TAS				m_e	
STU	86.34		P	10:54:06.515	0.0	287.2		5.16		TAS		89.4	0.78	m_e mb	6.0
TANN	87.91		P	10:54:14.612	0.1	287.2		5.16		TAS				m_e	
TNS	85.49		P	10:54:02.536	0.5	287.2		5.16		TAS				m_e	

UBR	87.22	P	10:54:11.375	-0.2	287.2	5.16	TAS	50.8	0.94	m_e	mb	5.6
WERD	87.81	P	10:54:13.857	-0.1	287.2	5.16	TAS	45.1	0.98	m_e	mb	5.8
WERN	87.90	P	10:54:14.474	0.0	287.2	5.16	TAS	67.4	1.01	m_e	mb	5.9
WET	88.56	P	10:54:17.837	-0.1	287.2	5.16	TAS			m_e		
WLF	84.19	P	10:53:55.606	0.2	287.2	5.16	TAS			m_e		

Event 70512005 Off coast of central America

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/12	10:51:15.56			12.9510	-90.0100				33.0			29		84.19	88.66	m i ke	BGR
	70512011																

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	70512011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	84.56	P		11:03:38.931	0.0	285.2		4.98		TAS		25.4	0.96	m_e	mb	5.4
ASSE	86.34	P		11:03:48.131	0.4	285.2		4.98		TAS				m_e		
BFO	85.90	P		11:03:45.012	-0.4	285.2		4.98		TAS		9.2	0.93	m_e	mb	4.9
BRG	88.66	P		11:03:59.508	-0.4	285.2		4.98		TAS		13.0	0.91	m_e	mb	5.2
BSEG	85.63	P		11:03:44.958	0.2	285.2		4.98		TAS				m_e		
BUG	84.47	P		11:03:38.283	-0.3	285.2		4.98		TAS				m_e		
CLL	87.96	P		11:03:55.715	-0.3	285.2		4.98		TAS		31.0	1.00	m_e	mb	5.6
CLZ	86.24	P		11:03:47.600	0.5	285.2		4.98		TAS		18.6	0.76	m_e	mb	5.3
FBE	88.29	P		11:03:57.460	0.4	285.2		4.98		TAS		26.6	0.92	m_e	mb	5.6
FLT1	86.61	P		11:03:49.528	-0.4	285.2		4.98		TAS		28.9	0.94	m_e	mb	5.4
GOR1	86.46	P		11:03:48.716	-0.1	285.2		4.98		TAS				m_e		
GRA1	87.36	P		11:03:52.669	0.8	285.2		4.98		TAS		31.1	0.69	m_e	mb	5.6
GTTG	86.07	P		11:03:46.749	0.2	285.2		4.98		TAS				m_e		
GUNZ	87.85	P		11:03:55.261	-0.1	285.2		4.98		TAS		22.5	0.94	m_e	mb	5.5
IBBN	84.56	P		11:03:38.672	-0.5	285.2		4.98		TAS				m_e		
KAST	85.23	P		11:03:42.171	-0.2	285.2		4.98		TAS				m_e		
MANZ	87.82	P		11:03:55.132	-0.0	285.2		4.98		TAS		4.2	0.92	m_e	mb	4.8
MOX	87.33	P		11:03:52.540	-0.2	285.2		4.98		TAS				m_e		
NEUB	87.26	P		11:03:52.540	0.0	285.2		4.98		TAS		21.4	0.88	m_e	mb	5.3
NRDL	85.90	P		11:03:45.879	0.3	285.2		4.98		TAS		24.9	1.16	m_e	mb	5.2
PLN	87.70	P		11:03:54.419	-0.2	285.2		4.98		TAS		25.1	0.94	m_e	mb	5.5
RETH	85.40	P		11:03:43.208	-0.2	285.2		4.98		TAS		17.7	1.01	m_e	mb	5.2
TANN	87.91	P		11:03:55.456	-0.2	285.2		4.98		TAS		24.9	0.93	m_e	mb	5.5
TNS	85.49	P		11:03:43.381	0.6	285.2		4.98		TAS				m_e		
UBR	87.22	P		11:03:51.892	0.1	285.2		4.98		TAS				m_e		
WERD	87.81	P		11:03:54.937	-0.2	285.2		4.98		TAS		20.6	0.93	m_e	mb	5.4
WERN	87.90	P		11:03:55.520	-0.1	285.2		4.98		TAS		28.5	1.01	m_e	mb	5.6
WET	88.56	P		11:03:58.463	0.1	285.2		4.98		TAS		30.3	1.05	m_e	mb	5.5
WLF	84.19	P		11:03:36.613	-0.1	285.2		4.98		TAS		32.2	1.29	m_e	mb	5.4

Event 70512006 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/12	14:14:38.88			-14.7860	167.2450				241.5			12		136.95	142.30	m i ke	BGR
OrigID 70512012																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	138.32		PKPdf	14:33:34.351	0.6	36.4		1.89		TAS					m_e
BFO	142.30		PKPdf	14:33:42.770		36.4		1.89		TAS					m_e
BRG	138.05		PKPdf	14:33:33.419	-0.4	36.4		1.89		TAS					m_e
BSEG	136.95		PKPdf	14:33:31.631	0.1	36.4		1.89		TAS					m_e
CLL	138.10		PKPdf	14:33:33.754	-0.1	36.4		1.89		TAS					m_e
CLZ	138.66		PKPdf	14:33:34.999	0.1	36.4		1.89		TAS					m_e
FBE	138.25		PKPdf	14:33:34.255	0.6	36.4		1.89		TAS					m_e
FLT1	137.95		PKPdf	14:33:33.323	-0.3	36.4		1.89		TAS					m_e
GEC2	139.68		PKPdf	14:33:37.330		36.4		1.89		TAS					m_e
GUNZ	139.10		PKPdf	14:33:35.769	0.6	36.4		1.89		TAS					m_e
IBBN	139.15		PKPdf	14:33:35.982	0.6	36.4		1.89		TAS					m_e
KAST	139.87		PKPdf	14:33:37.736		36.4		1.89		TAS					m_e
MANZ	139.48		PKPdf	14:33:36.928		36.4		1.89		TAS					m_e
NEUB	138.66		PKPdf	14:33:35.056	0.6	36.4		1.89		TAS					m_e
NRDL	138.22		PKPdf	14:33:34.042	-0.1	36.4		1.89		TAS					m_e
TANN	139.01		PKPdf	14:33:35.765	0.1	36.4		1.89		TAS					m_e
TNS	140.68		PKPdf	14:33:38.912		36.4		1.89		TAS					m_e
UBR	142.12		PKPdf	14:33:42.205		36.4		1.89		TAS					m_e
WERD	139.04		PKPdf	14:33:35.622	0.5	36.4		1.89		TAS					m_e
WERN	139.14		PKPdf	14:33:36.187	0.6	36.4		1.89		TAS					m_e

Event 70512007 Afghanistan-Tajikistan border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/12	16:48:32.81			36.3300	71.7700				202.7	3.1		24		43.22	48.32	m i ke	BGR
OrigID 70512013																	

Magnitude Err Nsta Author OrigID
mb 4.6 BGR 70512013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	47.59		P	16:57:16.563		84.8		7.97		TAS		9.9	0.64	m_e mb	5.1
BRG	43.22		P	16:56:41.782	-0.1	84.8		7.97		TAS		10.1	0.72	m_e mb	4.6
BSEG	45.26		P	16:56:57.365		84.8		7.97		TAS		12.6	0.73	m_e mb	4.9

CLL	43.78	P	16:56:45.905	-0.6	84.8	7.97	TAS	6.2	0.71	m_e	mb	4.4
CLZ	45.38	P	16:56:59.060	0.4	84.8	7.97	TAS	4.1	0.69	m_e	mb	4.5
FBE	43.59	P	16:56:44.768	0.3	84.8	7.97	TAS	12.7	0.76	m_e	mb	4.7
FLT1	44.81	P	16:56:54.160	0.4	84.8	7.97	TAS	15.1	0.67	m_e	mb	5.1
GEC2	43.53	P	16:56:43.861	-0.7	84.8	7.97	TAS	1.9	0.65	m_e	mb	4.0
GEC2	43.53	pP	16:57:28.130				T__				m_e	
GRA1	45.06	P	16:56:56.141		84.8	7.97	TAS				m_e	
GTTG	45.66	P	16:57:01.193		84.8	7.97	TAS	16.2	0.98	m_e	mb	5.0
GTTG	45.66	pP	16:57:44.314				T__				m_e	
GUNZ	44.28	P	16:56:50.282	0.2	84.8	7.97	TAS	4.4	0.74	m_e	mb	4.3
IBBN	46.94	P	16:57:11.068		84.8	7.97	TAS	14.5	0.65	m_e	mb	5.2
IBBN	46.94	pP	16:57:54.801				T__				m_e	
MANZ	44.46	P	16:56:51.588	0.4	84.8	7.97	TAS	1.0	0.80	m_e	mb	3.6
MOX	44.71	P	16:56:53.690	-0.2	84.8	7.97	TAS	4.5	0.67	m_e	mb	4.5
NEUB	44.56	P	16:56:52.810	-0.7	84.8	7.97	TAS	13.4	0.74	m_e	mb	5.0
NRDL	45.48	P	16:56:59.809		84.8	7.97	TAS	7.4	0.75	m_e	mb	4.7
RUE	43.24	P	16:56:41.824	0.0	84.8	7.97	TAS	15.7	0.70	m_e	mb	4.9
STU	46.50	P	16:57:07.663		84.8	7.97	TAS	24.1	0.58	m_e	mb	5.4
TANN	44.19	P	16:56:49.460	-0.3	84.8	7.97	TAS	3.1	0.87	m_e	mb	4.1
UBR	46.07	P	16:57:03.742		84.8	7.97	TAS	8.9	0.61	m_e	mb	5.0
WERD	44.29	P	16:56:50.441	-0.1	84.8	7.97	TAS	4.3	0.88	m_e	mb	4.2
WERN	44.26	P	16:56:49.918	1.1	84.8	7.97	TAS	2.0	0.79	m_e	mb	3.9
WET	44.04	P	16:56:48.304	0.4	84.8	7.97	TAS	1.3	0.57	m_e	mb	3.9
WLF	48.32	P	16:57:22.203		84.8	7.97	TAS	10.9	0.71	m_e	mb	5.1

Event 70513002 North of Severnaya Zemlya

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/13	08:43:43.68			84.1400	100.0600				10.0				21	36.63	42.84	m i ke	BGR
70513008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	70513008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	40.32		P	08:51:20.640		9.9		8.42		TAS					m_e	
ASSE	38.38		P	08:51:05.056	-0.0	9.9		8.42		TAS		4.1	0.78	m_e	mb	4.2
BFO	42.38		P	08:51:37.876	0.1	9.9		8.42		TAS		3.0	0.84	m_e	mb	4.0
BSEG	36.63		P	08:50:50.389		9.9		8.42		TAS		14.2	0.80	m_e	mb	4.7
BUG	39.41		P	08:51:13.714		9.9		8.42		TAS		7.5	0.69	m_e	mb	4.4
CLL	38.95		P	08:51:09.538	-0.1	9.9		8.42		TAS		4.5	0.86	m_e	mb	4.1
CLZ	38.70		P	08:51:07.501	0.0	9.9		8.42		TAS		7.7	0.76	m_e	mb	4.4
FBE	39.30		P	08:51:12.062	0.2	9.9		8.42		TAS		14.8	0.82	m_e	mb	4.7
FLT1	38.13		P	08:51:02.711	0.1	9.9		8.42		TAS		9.0	0.71	m_e	mb	4.6
GEC2	41.32		P	08:51:29.477	0.1	9.9		8.42		TAS		5.1	0.78	m_e	mb	4.3
GRA1	40.73		P	08:51:24.714	-0.2	9.9		8.42		TAS		14.1	0.80	m_e	mb	4.7

GUNZ	39.96	P	08:51:18.424	9.9	8.42	TAS	13.7	0.78	m_e	mb	4.6
KAST	39.53	P	08:51:14.529	9.9	8.42	TAS	4.4	0.71	m_e	mb	4.2
MANZ	40.35	P	08:51:21.251	-0.1	9.9	TAS	1.0	0.74	m_e	mb	3.5
MOX	39.75	P	08:51:16.668	-0.4	9.9	TAS	12.2	0.72	m_e	mb	4.6
NRDL	38.08	P	08:51:02.408	0.4	9.9	TAS	4.4	0.71	m_e	mb	4.3
TANN	39.89	P	08:51:17.369	9.9	8.42	TAS	6.3	1.15	m_e	mb	4.1
TNS	40.49	P	08:51:22.679	0.1	9.9	TAS			m_e		
UBR	42.84	P	08:51:42.082	0.1	9.9	TAS	5.8	0.83	m_e	mb	4.3
WERD	39.88	P	08:51:17.380	0.2	9.9	TAS	7.2	1.02	m_e	mb	4.2
WERN	40.03	P	08:51:18.605	-0.2	9.9	TAS	24.6	0.75	m_e	mb	4.9
WET	41.11	P	08:51:27.792	0.1	9.9	TAS	4.5	0.79	m_e	mb	4.3

Event 70513003 Eastcentral Pacific Ocean

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/13	11:25:53.97			9.3600	-93.5800				33.0			15		90.56	94.15	m i ke	BGR
70513009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	70513009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	91.29	P		11:38:56.605	0.4	287.4		4.60		TAS		2.2	0.76	m_e	mb	4.6
BSEG	90.56	P		11:38:53.084	-0.3	287.4		4.60		TAS		5.6	0.80	m_e	mb	5.0
CLL	92.92	P		11:39:04.119	-0.1	287.4		4.60		TAS		6.9	0.86	m_e	mb	5.1
CLZ	91.20	P		11:38:56.229	0.4	287.4		4.60		TAS		3.9	0.81	m_e	mb	4.8
FBE	93.26	P		11:39:05.528	0.4	287.4		4.60		TAS		4.5	0.86	m_e	mb	4.9
FLT1	91.56	P		11:38:57.486	-0.5	287.4		4.60		TAS		5.6	0.85	m_e	mb	4.9
GEC2	94.15	P		11:39:09.361	-0.3	287.4		4.60		TAS		1.9	0.86	m_e	mb	4.5
GUNZ	92.82	P		11:39:03.674	-0.0	287.4		4.60		TAS		4.1	0.82	m_e	mb	4.9
MANZ	92.80	P		11:39:03.547	0.5	287.4		4.60		TAS		0.8	0.88	m_e	mb	4.2
NRDL	90.86	P		11:38:54.456	-0.2	287.4		4.60		TAS		4.4	0.92	m_e	mb	4.8
TANN	92.88	P		11:39:04.019	0.4	287.4		4.60		TAS		5.4	0.89	m_e	mb	5.0
UBR	92.22	P		11:39:00.746		287.4		4.60		TAS		5.1	0.89	m_e	mb	4.9
WERD	92.78	P		11:39:03.482	0.2	287.4		4.60		TAS		3.2	0.83	m_e	mb	4.8
WERN	92.87	P		11:39:03.948	-0.1	287.4		4.60		TAS		4.8	0.88	m_e	mb	4.9
WET	93.54	P		11:39:06.828	-0.7	287.4		4.60		TAS		4.0	0.88	m_e	mb	4.8

Event 70513004 Turkmenistan-Afghanistan border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/13	18:00:11.26			36.2900	64.7400				10.0			31		38.92	43.82	m i ke	BGR
70513010																	

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 70513010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	43.16		P	18:08:15.327		89.2		8.43		TAS				m_e	
ASSE	40.86		P	18:07:57.099	2.5	89.2		8.43		TAS				m_e	
BFO	42.51		P	18:08:09.101		89.2		8.43		TAS		11.1	0.96	m_e mb	4.6
BSEG	41.13		P	18:07:58.541		89.2		8.43		TAS				m_e	
BUG	42.99		P	18:08:13.034		89.2		8.43		TAS				m_e	
CLL	39.40		P	18:07:44.149	-0.9	89.2		8.43		TAS		14.3	0.81	m_e mb	4.6
CLZ	41.05		P	18:07:58.201		89.2		8.43		TAS		15.5	0.78	m_e mb	4.8
FBE	39.16		P	18:07:42.520	0.3	89.2		8.43		TAS				m_e	
FLT1	40.52		P	18:07:53.641	0.1	89.2		8.43		TAS		40.8	0.68	m_e mb	5.3
FUR	40.56		P	18:07:54.430		89.2		8.43		TAS				m_e	
GEC2	38.92		P	18:07:39.076	-0.1	89.2		8.43		TAS				m_e	
GRA1	40.53		P	18:07:54.387	-0.7	89.2		8.43		TAS		16.1	0.88	m_e mb	4.8
GTTG	41.30		P	18:08:00.436		89.2		8.43		TAS				m_e	
GUNZ	39.81		P	18:07:47.406	-0.7	89.2		8.43		TAS				m_e	
HLG	42.58		P	18:08:09.707	2.5	89.2		8.43		TAS		17.0	0.88	m_e mb	4.8
IBBN	42.66		P	18:08:10.543	2.5	89.2		8.43		TAS				m_e	
KAST	42.28		P	18:08:08.411		89.2		8.43		TAS				m_e	
MANZ	39.95		P	18:07:48.337	0.9	89.2		8.43		TAS				m_e	
MOX	40.26		P	18:07:51.814	2.5	89.2		8.43		TAS		37.2	0.80	m_e mb	5.1
NEUB	40.17		P	18:07:51.208	0.5	89.2		8.43		TAS		40.3	0.76	m_e mb	5.1
NRDL	41.22		P	18:07:59.681		89.2		8.43		TAS				m_e	
RGN	39.42		P	18:07:42.155		89.2		8.43		TAS		105.0	0.78	m_e mb	5.5
RUE	38.97		P	18:07:40.829		89.2		8.43		TAS		47.5	0.70	m_e mb	5.2
STU	41.90		P	18:08:04.889		89.2		8.43		TAS				m_e	
TANN	39.72		P	18:07:46.243	-0.4	89.2		8.43		TAS		9.9	0.90	m_e mb	4.4
TNS	42.30		P	18:08:07.633		89.2		8.43		TAS				m_e	
UBR	41.38		P	18:07:59.035		89.2		8.43		TAS		14.6	0.82	m_e mb	4.8
WERD	39.82		P	18:07:47.639	0.3	89.2		8.43		TAS				m_e	
WERN	39.78		P	18:07:46.941	-0.3	89.2		8.43		TAS				m_e	
WET	39.46		P	18:07:45.080	-0.6	89.2		8.43		TAS				m_e	
WLF	43.82		P	18:08:20.912		89.2		8.43		TAS				m_e	

Event 70514001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/14	02:01:47.90			-16.4270	-177.4570				33.0					146.08	146.08	m i ke	BGR
70514007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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GRA1 146.08 PKPbc 02:21:27.197 15.0 3.20 TAS m_e

Event 70514002 El Salvador

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2017/05/14 04:29:09.56 13.0070 -89.7900 33.0 14 85.31 88.38 m i ke BGR
70514008

Magnitude Err Nsta Author OrigID
mb 4.6 BGR 70514008

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include stations like BFO, BSEG, CLL, CLZ, FBE, FLT1, GRA1, GTTG, GUNZ, MANZ, MOX, NEUB, RUE, TANN, TNS, UBR, WERD, WERN, WET.

Event 70514005 Tonga Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2017/05/14 21:05:05.16 -17.4300 -173.6000 33.0 15 145.52 149.14 m i ke BGR
70514011

Magnitude Err Nsta Author OrigID

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

CLL	145.79	PKPbc	21:24:44.677	-0.9	5.8	2.85	TAS	m_e
CLZ	145.52	PKPbc	21:24:44.246	0.1	5.8	2.85	TAS	m_e
FBE	146.13	PKPbc	21:24:46.424	-0.1	5.8	2.85	TAS	m_e
GEC2	148.11	PKPbc	21:24:51.859	-0.1	5.8	2.85	TAS	m_e
GTTG	145.84	PKPbc	21:24:45.506	0.2	5.8	2.85	TAS	m_e
GUNZ	146.80	PKPbc	21:24:48.431	0.2	5.8	2.85	TAS	m_e
KAST	146.27	PKPbc	21:24:46.238	0.1	5.8	2.85	TAS	m_e
MOX	146.60	PKPbc	21:24:47.766	-0.2	5.8	2.85	TAS	m_e
NEUB	146.04	PKPbc	21:24:46.006	-0.1	5.8	2.85	TAS	m_e
TANN	146.74	PKPbc	21:24:48.087	0.2	5.8	2.85	TAS	m_e
WERD	146.72	PKPbc	21:24:47.848	0.2	5.8	2.85	TAS	m_e
WERN	146.87	PKPbc	21:24:48.551	0.9	5.8	2.85	TAS	m_e
WLF	147.84	PKPbc	21:24:51.928	0.7	5.8	2.85	TAS	m_e

Event 70515002 Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/15	07:05:39.78			27.2190	130.0070				33.0			13		82.14	88.66	m i ke	BGR
70515008																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.0		BGR	70515008
MBB	6.2		BGR	70515008
Ms	5.4		BGR	70515008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	87.63		P	07:18:25.461	0.4	51.1		4.90		TAS		111.2	1.55	m_e	MBB 6.2
ASSE	84.88		P	07:18:10.719	0.1	51.1		4.90		TAS		222.9	1.78	m_e	MBB 6.2
BFO	88.47		P	07:18:29.695		51.1		4.90		TAS		83.2	2.14	m_e	MBB 5.8
BSEG	83.91		P	07:18:06.345	0.1	51.1		4.90		TAS		195.1	1.67	m_e	MBB 6.2
BUG	86.94		P	07:18:21.895	0.4	51.1		4.90		TAS		213.8	1.59	m_e	MBB 6.2
CLL	84.24		P	07:18:07.934	-0.2	51.1		4.90		TAS		152.6	1.64	m_e	MBB 6.1
CLZ	85.20		P	07:18:13.121		51.1		4.90		TAS		292.4	1.39	m_e	MBB 6.5
FBE	84.30		P	07:18:08.552	-0.0	51.1		4.90		TAS		256.7	1.80	m_e	MBB 6.3
FLT1	84.48		P	07:18:08.989	-0.4	51.1		4.90		TAS		253.5	1.60	m_e	MBB 6.3
FUR	87.06		P	07:18:22.376	0.4	51.1		4.90		TAS		378.5	1.61	m_e	MBB 6.4
GEC2	85.36		P	07:18:14.190	0.4	51.1		4.90		TAS		70.9	1.21	m_e	MBB 6.0
GOR1	84.04		P	07:18:06.806	0.3	51.1		4.90		TAS		293.9	1.45	m_e	MBB 6.5
GRA1	86.13		P	07:18:17.953	0.4	51.1		4.90		TAS		283.5	1.43	m_e	mb 6.2
GRA1	86.13		L	08:00:25.074						T__		1625.6	19.40	a_e	Ms 5.4
GTTG	85.59		P	07:18:15.011	0.4	51.1		4.90		TAS		210.0	1.43	m_e	MBB 6.2
GUNZ	85.15		P	07:18:12.823		51.1		4.90		TAS		140.9	1.45	m_e	MBB 6.2
IBBN	86.14		P	07:18:17.662		51.1		4.90		TAS		296.2	1.46	m_e	MBB 6.3
KAST	86.55		P	07:18:19.644	0.4	51.1		4.90		TAS		113.2	1.55	m_e	MBB 5.9
MOX	85.34		P	07:18:13.726		51.1		4.90		TAS		113.5	1.55	m_e	MBB 6.1
MOX	85.34		L	07:59:51.816						T__		1656.1	19.10	a_e	Ms 5.4

NEUB	84.92	P	07:18:11.141	0.1	51.1	4.90	TAS	208.7	1.29	m_e	MBB	6.4
NRDL	84.92	P	07:18:11.116	0.1	51.1	4.90	TAS	217.3	1.77	m_e	MBB	6.2
PLN	85.16	P	07:18:12.797		51.1	4.90	TAS	125.7	1.59	m_e	MBB	6.1
RETH	85.11	P	07:18:12.487	0.2	51.1	4.90	TAS	239.6	1.55	m_e	MBB	6.3
RGN	82.14	P	07:17:57.619	-0.2	51.1	4.90	TAS	152.2	1.49	m_e	MBB	6.2
RUE	83.15	P	07:18:02.935	0.4	51.1	4.90	TAS			m_e		
TANN	85.06	P	07:18:11.988		51.1	4.90	TAS	152.1	1.83	m_e	MBB	6.1
TNS	87.17	P	07:18:23.163	0.4	51.1	4.90	TAS	98.9	1.64	m_e	MBB	5.9
UBR	87.97	P	07:18:27.152	0.4	51.1	4.90	TAS	91.6	1.36	m_e	MBB	6.3
WERD	85.11	P	07:18:12.557		51.1	4.90	TAS	112.4	1.59	m_e	MBB	6.0
WERN	85.18	P	07:18:13.090		51.1	4.90	TAS	117.3	1.29	m_e	MBB	6.1
WET	85.62	P	07:18:15.330		51.1	4.90	TAS	112.8	1.67	m_e	MBB	5.9
WLF	88.66	P	07:18:30.768		51.1	4.90	TAS	91.6	1.41	m_e	MBB	6.1

Event 70515003 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/15	13:22:48.51			-4.0970	152.4410				33.0				21	121.52	126.38	m i ke	BGR
	70515009																

Magnitude	Err	Nsta	Author	OrigID
Ms	6.1		BGR	70515009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	122.61		PKPdf	13:41:35.836	0.1	48.5		1.94		TAS				m_e	
BSEG	121.52		PKPdf	13:41:33.412	-0.3	48.5		1.94		TAS				m_e	
BUG	124.60		PKPdf	13:41:39.392	-0.3	48.5		1.94		TAS				m_e	
CLL	122.07		PKPdf	13:41:34.543	-0.2	48.5		1.94		TAS				m_e	
CLZ	122.94		PKPdf	13:41:36.402	-0.0	48.5		1.94		TAS				m_e	
FBE	122.14		PKPdf	13:41:34.866	-0.0	48.5		1.94		TAS				m_e	
FLT1	122.22		PKPdf	13:41:34.774	0.7	48.5		1.94		TAS				m_e	
GEC2	123.27		PKPdf	13:41:37.210	0.1	48.5		1.94		TAS				m_e	
GRA1	123.98		PKPdf	13:41:38.018	-0.4	48.5		1.94		TAS				m_e	
GRA1	123.98		L	14:42:03.378						T__		4023.8	19.70	a_e	Ms 6.1
GTTG	123.33		PKPdf	13:41:36.967	-0.2	48.5		1.94		TAS				m_e	
GUNZ	123.00		PKPdf	13:41:36.563	0.0	48.5		1.94		TAS				m_e	
KAST	124.27		PKPdf	13:41:38.584	-0.4	48.5		1.94		TAS				m_e	
MOX	123.17		PKPdf	13:41:36.806	-0.0	48.5		1.94		TAS				m_e	
MOX	123.17		L	14:36:02.929						T__		4196.7	20.50	a_e	Ms 6.1
NRDL	122.61		PKPdf	13:41:35.967	0.5	48.5		1.94		TAS				m_e	
ROTZ	123.45		PKPdf	13:41:37.291	-0.1	48.5		1.94		TAS				m_e	
TANN	122.91		PKPdf	13:41:36.079	-0.3	48.5		1.94		TAS				m_e	
TNS	124.94		PKPdf	13:41:40.481	0.8	48.5		1.94		TAS				m_e	
WERD	122.96		PKPdf	13:41:36.483	0.0	48.5		1.94		TAS				m_e	
WERN	123.03		PKPdf	13:41:36.644	0.1	48.5		1.94		TAS				m_e	
WET	123.51		PKPdf	13:41:37.695	0.1	48.5		1.94		TAS				m_e	

WLF 126.38 PKPdf 13:41:43.109 0.0 48.5 1.94 TAS m_e

Event 70515004 Andreanof Islands, Aleutian Islands, United States

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2017/05/15 14:31:38.40 52.4130 -174.1980 33.0 12 73.76 79.61 m i ke BGR
70515010

Magnitude Err Nsta Author OrigID
mb 4.7 BGR 70515010

Table with 17 columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include station data for BFO, BSEG, BUG, CLL, CLZ, FLT1, GRA1, GTTG, GUNZ, HLG, IBBN, KAST, NEUB, NRDL, TANN, TNS.

Event 70515005 Taiwan

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2017/05/15 23:12:58.92 23.2310 121.6140 32.5 1.4 26 81.34 87.64 m i ke BGR
70515011

Magnitude Err Nsta Author OrigID
mb 5.0 BGR 70515011

Table with 17 columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include station data for AHRW, BSEG, BUG.

BUG	86.07	pP	23:25:41.523	0.1						T__						m_e	
CLL	83.05	P	23:25:16.313	-0.2	61.2	4.98				TAS	6.6	0.78	m_e	mb			4.9
CLZ	84.21	P	23:25:22.693	0.0	61.2	4.98				TAS	23.5	1.15	m_e	mb			5.3
FBE	83.04	P	23:25:15.985	-0.7	61.2	4.98				TAS	13.8	1.05	m_e	mb			5.1
FBE	83.04	pP	23:25:25.580	0.1						T__							m_e
FLT1	83.51	P	23:25:18.626	-0.5	61.2	4.98				TAS	8.9	1.03	m_e	mb			4.9
FUR	85.57	P	23:25:29.187	0.1	61.2	4.98				TAS	18.5	0.98	m_e	mb			5.2
GEC2	83.83	P	23:25:20.314	0.3	61.2	4.98				TAS	7.9	0.80	m_e	mb			5.0
GRA1	84.83	P	23:25:25.619	0.5	61.2	4.98				TAS							m_e
GTTG	84.58	P	23:25:24.762	0.3	61.2	4.98				TAS	15.5	0.71	m_e	mb			5.3
GTTG	84.58	pP	23:25:33.788	0.1						T__							m_e
GUNZ	83.88	P	23:25:20.624	-0.2	61.2	4.98				TAS	5.1	0.77	m_e	mb			4.8
GUNZ	83.88	pP	23:25:30.337	0.1						T__							m_e
IBBN	85.35	P	23:25:28.473	0.1	61.2	4.98				TAS	26.8	1.12	m_e	mb			5.4
KAST	85.59	P	23:25:29.808	0.5	61.2	4.98				TAS	4.5	0.85	m_e	mb			4.6
MOX	84.14	P	23:25:22.243	-0.4	61.2	4.98				TAS	3.6	0.83	m_e	mb			4.6
NEUB	83.78	P	23:25:19.625	-0.8	61.2	4.98				TAS	27.4	1.15	m_e	mb			5.4
NRDL	84.02	P	23:25:21.908	0.1	61.2	4.98				TAS	6.2	0.90	m_e	mb			4.8
RGN	81.34	P	23:25:07.869	0.1	61.2	4.98				TAS	9.3	0.87	m_e	mb			4.8
RGN	81.34	pP	23:25:17.360	0.1						T__							m_e
ROTZ	84.24	P	23:25:22.947	0.5	61.2	4.98				TAS	2.5	1.03	m_e	mb			4.4
RUE	82.07	P	23:25:11.426	1.0	61.2	4.98				TAS	17.0	0.69	m_e	mb			5.3
TANN	83.78	P	23:25:19.839	-0.5	61.2	4.98				TAS	12.9	1.35	m_e	mb			5.0
TNS	86.09	P	23:25:31.827	-0.2	61.2	4.98				TAS	3.6	0.94	m_e	mb			4.5
UBR	86.49	P	23:25:33.397	-0.0	61.2	4.98				TAS	9.9	1.17	m_e	mb			4.8
WERD	83.85	P	23:25:20.552	-0.1	61.2	4.98				TAS	3.9	0.74	m_e	mb			4.7
WERN	83.89	P	23:25:21.052	0.2	61.2	4.98				TAS	6.5	0.91	m_e	mb			4.9
WERN	83.89	pP	23:25:30.390	0.1						T__							m_e
WET	84.16	P	23:25:22.265	0.2	61.2	4.98				TAS							m_e
WET	84.16	pP	23:25:31.481	0.1						T__							m_e
WLF	87.64	P	23:25:39.789		61.2	4.98				TAS	16.2	1.10	m_e	mb			5.3

Event 70516001 West of Bonin Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/16	03:57:42.48		27.0490	134.3030					33.0					88.41	88.41	m i ke	BGR
70516007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	70516007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	88.41		P	04:10:30.317		56.7		4.34		TAS		32.1	1.72	m_e	mb	5.4

Event 70516002 Northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/16	04:52:03.75			3.5200	98.1800				227.4	24.8		26		83.73	88.66	m i ke	BGR
OrigID 70516008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	70516008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	88.01		P	05:04:56.815	-0.4	90.0		4.89		TAS		9.5	0.76	m_e mb	5.2
ASSE	85.71		P	05:04:45.148		90.0		4.89		TAS		6.1	0.74	m_e mb	4.8
BFO	87.30		P	05:04:53.218		90.0		4.89		TAS		5.8	0.80	m_e mb	4.8
BSEG	85.92		P	05:04:46.642		90.0		4.89		TAS		11.0	0.82	m_e mb	5.0
BUG	87.84		P	05:04:56.167		90.0		4.89		TAS		10.6	0.76	m_e mb	5.2
CLL	84.25		P	05:04:38.155	0.3	90.0		4.89		TAS				m_e	
CLL	84.25		pP	05:05:35.676	-0.4					T__				m_e	
CLZ	85.90		P	05:04:46.989		90.0		4.89		TAS		14.3	0.76	m_e mb	5.2
FBE	84.02		P	05:04:37.303	-0.4	90.0		4.89		TAS		10.3	0.62	m_e mb	5.2
FLT1	85.36		P	05:04:43.295		90.0		4.89		TAS		4.8	0.74	m_e mb	4.8
FUR	85.33		P	05:04:43.581		90.0		4.89		TAS		12.0	0.74	m_e mb	5.2
GEC2	83.73		P	05:04:35.825	-0.1	90.0		4.89		TAS		3.2	0.79	m_e mb	4.6
GRA1	85.37		P	05:04:43.876		90.0		4.89		TAS		6.7	0.78	m_e mb	4.9
GTTG	86.16		P	05:04:47.458		90.0		4.89		TAS				m_e	
GTTG	86.16		pP	05:05:45.650	-0.4					T__				m_e	
GUNZ	84.66		P	05:04:40.546	-0.3	90.0		4.89		TAS		2.6	0.67	m_e mb	4.6
IBBN	87.50		P	05:04:54.590		90.0		4.89		TAS		13.0	0.88	m_e mb	5.3
KAST	87.13		P	05:04:52.558		90.0		4.89		TAS		8.3	0.65	m_e mb	5.0
MOX	85.12		P	05:04:42.655		90.0		4.89		TAS		4.4	0.67	m_e mb	4.8
NEUB	85.02		P	05:04:42.251		90.0		4.89		TAS		11.5	0.82	m_e mb	5.1
NRDL	86.06		P	05:04:47.837		90.0		4.89		TAS		12.0	0.99	m_e mb	5.0
ROTZ	84.73		P	05:04:41.144	0.1	90.0		4.89		TAS		1.1	0.74	m_e mb	4.2
RUE	83.81		P	05:04:36.422		90.0		4.89		TAS		35.5	0.70	m_e mb	5.7
STU	86.71		P	05:04:50.171		90.0		4.89		TAS		43.9	0.57	m_e mb	5.8
TNS	87.15		P	05:04:53.103		90.0		4.89		TAS		15.8	0.74	m_e mb	5.2
UBR	86.12		P	05:04:47.546		90.0		4.89		TAS		8.5	0.64	m_e mb	5.0
WERD	84.67		P	05:04:40.367	0.1	90.0		4.89		TAS		3.5	0.71	m_e mb	4.7
WET	84.28		P	05:04:38.699		90.0		4.89		TAS		7.2	0.99	m_e mb	4.9
WLF	88.66		P	05:05:00.467		90.0		4.89		TAS		5.9	0.92	m_e mb	4.8
WLF	88.66		pP	05:05:50.076	-0.4					T__				m_e	

Event 70516004 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/16	11:22:22.17			-21.0900	170.8200				33.0			23		145.04	149.40	m i ke	BGR
OrigID																	

70516010

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	145.40		PKPbc	11:41:55.946	-0.2	36.2		2.82		TAS					m_e	
BFO	149.40		PKPbc	11:42:07.232	-0.6	36.2		2.82		TAS					m_e	
CLL	145.21		PKPbc	11:41:55.659	-0.6	36.2		2.82		TAS					m_e	
CLZ	145.74		PKPbc	11:41:56.912	0.3	36.2		2.82		TAS					m_e	
FBE	145.38		PKPbc	11:41:56.340	0.0	36.2		2.82		TAS					m_e	
FLT1	145.04		PKPbc	11:41:54.781	-0.6	36.2		2.82		TAS					m_e	
GEC2	146.81		PKPbc	11:42:00.670	0.1	36.2		2.82		TAS					m_e	
GTTG	146.13		PKPbc	11:41:58.359	0.3	36.2		2.82		TAS					m_e	
GUNZ	146.22		PKPbc	11:41:58.699	0.4	36.2		2.82		TAS					m_e	
IBBN	146.19		PKPbc	11:41:58.678	-0.2	36.2		2.82		TAS					m_e	
KAST	146.94		PKPbc	11:42:00.800	-0.0	36.2		2.82		TAS					m_e	
MANZ	146.60		PKPbc	11:41:59.744	0.2	36.2		2.82		TAS					m_e	
MOX	146.27		PKPbc	11:41:58.678	-0.1	36.2		2.82		TAS					m_e	
NEUB	145.77		PKPbc	11:41:57.067	0.1	36.2		2.82		TAS					m_e	
NRDL	145.28		PKPbc	11:41:55.596	-0.1	36.2		2.82		TAS					m_e	
ROTZ	146.74		PKPbc	11:42:00.237	0.1	36.2		2.82		TAS					m_e	
TANN	146.13		PKPbc	11:41:58.505	0.1	36.2		2.82		TAS					m_e	
TNS	147.76		PKPbc	11:42:03.069	0.3	36.2		2.82		TAS					m_e	
UBR	149.24		PKPbc	11:42:06.776	-0.5	36.2		2.82		TAS					m_e	
WERD	146.16		PKPbc	11:41:58.450	0.2	36.2		2.82		TAS					m_e	
WERN	146.26		PKPbc	11:41:58.693	0.2	36.2		2.82		TAS					m_e	
WET	146.94		PKPbc	11:42:00.887	0.1	36.2		2.82		TAS					m_e	
WLF	148.99		PKPbc	11:42:07.209	0.5	36.2		2.82		TAS					m_e	

Event 70516005 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/16	15:29:19.85			-23.7690	-177.6180				250.9			23		148.19	155.36	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	153.03		PKPbc	15:48:58.603		15.1		4.31		TAS					m_e	
ASSE	150.98		PKPdf	15:48:42.027	0.1	15.1		4.31		TAS					m_e	
ASSE	150.98		PKPbc	15:48:50.151	-0.7	15.1		4.31		TAS					m_e	
BFO	155.04		PKPbc	15:49:07.358		15.1		4.31		TAS					m_e	
BSEG	149.29		PKPdf	15:48:38.395	0.1	15.1		4.31		TAS					m_e	
BSEG	149.29		PKPbc	15:48:42.739	-0.7	15.1		4.31		TAS					m_e	
BUG	152.12		PKPdf	15:48:44.738	0.1	15.1		4.31		TAS					m_e	
BUG	152.12		PKPbc	15:48:54.609	0.1	15.1		4.31		TAS					m_e	

CLL	151.31	PKPdf	15:48:42.799	0.1	15.1	4.31	TAS	m_e
CLL	151.31	PKPbc	15:48:51.675	0.5	15.1	4.31	TAS	m_e
CLZ	151.31	PKPdf	15:48:42.698	0.1	15.1	4.31	TAS	m_e
CLZ	151.31	PKPbc	15:48:51.499	-0.7	15.1	4.31	TAS	m_e
FBE	151.59	PKPdf	15:48:43.978	0.1	15.1	4.31	TAS	m_e
FBE	151.59	PKPbc	15:48:53.085	0.1	15.1	4.31	TAS	m_e
FLT1	150.69	PKPdf	15:48:41.474	0.1	15.1	4.31	TAS	m_e
FLT1	150.69	PKPbc	15:48:48.695	-0.7	15.1	4.31	TAS	m_e
FUR	154.65	PKPbc	15:49:05.895		15.1	4.31	TAS	m_e
GEC2	153.42	PKPbc	15:49:01.209		15.1	4.31	TAS	m_e
GOR1	150.04	PKPdf	15:48:40.317	0.1	15.1	4.31	TAS	m_e
GOR1	150.04	PKPbc	15:48:45.959	0.1	15.1	4.31	TAS	m_e
GRA1	153.21	PKPbc	15:48:59.291		15.1	4.31	TAS	m_e
GTTG	151.66	PKPdf	15:48:43.200	0.1	15.1	4.31	TAS	m_e
GTTG	151.66	PKPbc	15:48:52.509	-0.7	15.1	4.31	TAS	m_e
GUNZ	152.34	PKPbc	15:48:55.758	-0.0	15.1	4.31	TAS	m_e
HLG	149.35	PKPdf	15:48:38.388	0.1	15.1	4.31	TAS	m_e
HLG	149.35	PKPbc	15:48:43.240	-0.7	15.1	4.31	TAS	m_e
IBBN	151.21	PKPdf	15:48:43.002	0.1	15.1	4.31	TAS	m_e
IBBN	151.21	PKPbc	15:48:51.182	0.1	15.1	4.31	TAS	m_e
KAST	152.22	PKPdf	15:48:44.485	0.1	15.1	4.31	TAS	m_e
KAST	152.22	PKPbc	15:48:54.947	0.5	15.1	4.31	TAS	m_e
MANZ	152.75	PKPdf	15:48:45.918	0.1	15.1	4.31	TAS	m_e
MANZ	152.75	PKPbc	15:48:57.426		15.1	4.31	TAS	m_e
MOX	152.23	PKPdf	15:48:44.327	0.1	15.1	4.31	TAS	m_e
MOX	152.23	PKPbc	15:48:55.229	-0.1	15.1	4.31	TAS	m_e
NEUB	151.67	PKPdf	15:48:43.231	0.1	15.1	4.31	TAS	m_e
NEUB	151.67	PKPbc	15:48:52.709	0.1	15.1	4.31	TAS	m_e
NRDL	150.72	PKPdf	15:48:41.057	0.1	15.1	4.31	TAS	m_e
NRDL	150.72	PKPbc	15:48:48.730	-0.7	15.1	4.31	TAS	m_e
PLN	152.26	PKPbc	15:48:55.342	-0.1	15.1	4.31	TAS	m_e
RETH	150.59	PKPdf	15:48:41.224	0.1	15.1	4.31	TAS	m_e
RETH	150.59	PKPbc	15:48:48.219	-0.7	15.1	4.31	TAS	m_e
RGN	148.19	PKPbc	15:48:38.338	-0.7	15.1	4.31	TAS	m_e
ROTZ	152.93	PKPbc	15:48:58.219		15.1	4.31	TAS	m_e
RUE	150.04	PKPdf	15:48:39.751	0.1	15.1	4.31	TAS	m_e
RUE	150.04	PKPbc	15:48:46.352	-0.7	15.1	4.31	TAS	m_e
STU	154.47	PKPbc	15:49:04.851		15.1	4.31	TAS	m_e
TANN	152.27	PKPbc	15:48:55.680	0.6	15.1	4.31	TAS	m_e
TNS	153.17	PKPbc	15:48:59.517		15.1	4.31	TAS	m_e
UBR	155.36	PKPdf	15:48:51.807	0.1	15.1	4.31	TAS	m_e
WERD	152.27	PKPbc	15:48:55.962	0.0	15.1	4.31	TAS	m_e
WERN	152.41	PKPbc	15:48:56.323	-0.1	15.1	4.31	TAS	m_e
WET	153.36	PKPbc	15:49:00.645		15.1	4.31	TAS	m_e
WLF	153.98	PKPbc	15:49:03.427		15.1	4.31	TAS	m_e

Event 70516006 Central Peru

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/16	17:09:10.12			-14.4470	-73.4990				18.9					97.51	97.51	m i ke	BGR
OrigID 70516012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	70516012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	97.51		P	17:22:40.810		251.6		5.29		TAS		13.3	1.29	m_e	mb 5.5
GRA1	97.51		pP	17:22:44.586						T__				m_e	

Event 70516007 Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/16	22:02:31.55			-20.3230	168.5360				10.0				12	143.51	147.83	m i ke	BGR
OrigID 70516013																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	147.83		PKPbc	22:22:12.077	0.6	38.2		2.80		TAS				m_e	
CLL	143.61		PKPbc	22:21:59.685	0.6	38.2		2.80		TAS				m_e	
CLZ	144.22		PKPbc	22:22:01.597	-0.3	38.2		2.80		TAS				m_e	
FLT1	143.51		PKPbc	22:21:59.429	0.6	38.2		2.80		TAS				m_e	
GEC2	145.12		PKPbc	22:22:04.584		38.2		2.80		TAS				m_e	
GTTG	144.61		PKPbc	22:22:02.692	-0.2	38.2		2.80		TAS				m_e	
GUNZ	144.60		PKPbc	22:22:02.835	0.3	38.2		2.80		TAS				m_e	
IBBN	144.75		PKPbc	22:22:03.335	0.3	38.2		2.80		TAS				m_e	
MANZ	144.98		PKPbc	22:22:03.700	-0.1	38.2		2.80		TAS				m_e	
MOX	144.68		PKPbc	22:22:03.002	0.1	38.2		2.80		TAS				m_e	
NEUB	144.19		PKPbc	22:22:01.349	-0.3	38.2		2.80		TAS				m_e	
ROTZ	145.10		PKPbc	22:22:04.318		38.2		2.80		TAS				m_e	
TANN	144.51		PKPbc	22:22:02.502	-0.2	38.2		2.80		TAS				m_e	
UBR	147.59		PKPbc	22:22:11.478	0.6	38.2		2.80		TAS				m_e	
WERD	144.55		PKPbc	22:22:02.586	0.2	38.2		2.80		TAS				m_e	
WERN	144.64		PKPbc	22:22:03.080	-0.2	38.2		2.80		TAS				m_e	
WLF	147.53		PKPbc	22:22:11.826	0.6	38.2		2.80		TAS				m_e	

Event 70517002 Eastern Mediterranean Sea

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

2017/05/17 11:30:01.35 32.8800 28.7160 33.0 15 19.52 24.26 m i ke BGR
70517008

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 70517008
Ms 4.2 BGR 70517008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	23.78		P	11:35:12.749		135.8		10.75		TAS				m_e	
ASSE	23.27		P	11:35:04.457		135.8		10.75		TAS		19.6	1.37	m_e mb	4.5
BFO	21.76		P	11:34:49.050		135.8		10.75		TAS				m_e	
CLL	21.71		P	11:34:49.259		135.8		10.75		TAS		35.3	0.88	m_e mb	4.8
CLZ	23.18		P	11:35:04.457		135.8		10.75		TAS				m_e	
FBE	21.27		P	11:34:44.575	0.0	135.8		10.75		TAS		87.9	1.32	m_e mb	4.9
FLT1	23.20		P	11:35:04.266		135.8		10.75		TAS		24.1	1.10	m_e mb	4.6
FUR	20.15		P	11:34:33.200	0.7	135.8		10.75		TAS		138.7	1.24	m_e mb	5.0
GEC2	19.52		P	11:34:24.215	-1.8	135.8		10.75		TAS		90.7	1.24	m_e mb	4.9
GRA1	21.24		P	11:34:44.958		135.8		10.75		TAS				m_e	
GRA1	21.24		L	11:42:12.726						T__		1052.6	19.60	a_e Ms	4.2
GTTG	23.14		P	11:35:05.030		135.8		10.75		TAS		49.0	0.95	m_e mb	5.0
GUNZ	21.25		P	11:34:44.828		135.8		10.75		TAS		66.1	0.89	m_e mb	5.0
KAST	23.58		P	11:35:09.600		135.8		10.75		TAS				m_e	
MANZ	21.06		P	11:34:42.376	-0.3	135.8		10.75		TAS		46.2	2.09	m_e mb	4.4
MOX	21.77		P	11:34:50.606		135.8		10.75		TAS				m_e	
MOX	21.77		L	11:42:07.105						T__		774.3	20.00	a_e Ms	4.1
NEUB	22.11		P	11:34:54.041		135.8		10.75		TAS				m_e	
PLN	21.42		P	11:34:46.438		135.8		10.75		TAS		69.2	1.31	m_e mb	4.8
RETH	24.26		P	11:35:16.083		135.8		10.75		TAS				m_e	
RGN	24.25		P	11:35:15.461		135.8		10.75		TAS		125.7	0.70	m_e mb	5.6
ROTZ	20.86		P	11:34:39.795	-0.6	135.8		10.75		TAS				m_e	
RUE	22.37		P	11:34:56.678		135.8		10.75		TAS				m_e	
TANN	21.24		P	11:34:44.288	0.5	135.8		10.75		TAS		44.7	0.92	m_e mb	4.8
TNS	22.91		P	11:35:02.881		135.8		10.75		TAS				m_e	
UBR	20.42		P	11:34:36.928	2.1	135.8		10.75		TAS				m_e	
WERD	21.33		P	11:34:45.518		135.8		10.75		TAS				m_e	
WERN	21.18		P	11:34:43.428	0.5	135.8		10.75		TAS		47.4	0.97	m_e mb	4.8
WET	20.10		P	11:34:31.097	-1.2	135.8		10.75		TAS				m_e	

Event 70517003 Kyrgyzstan

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2017/05/17 15:28:02.25 40.3850 72.4400 33.0 43.15 43.15 m i ke BGR
70517009

Magnitude Err Nsta Author OrigID
mb 4.6 BGR 70517009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	43.15		P	15:35:58.771		87.2		6.76		TAS		14.7	1.25	m_e	mb 4.6

Event 70518001 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/18	01:35:45.25			-23.1300	-176.1300				33.0			19		148.86	155.00	m i ke	BGR
OrigID 70518007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	154.60		PKPbc	01:55:42.634		12.4		2.25		TAS				m_e	
BRG	151.22		PKPbc	01:55:35.625	-0.1	12.4		2.25		TAS				m_e	
BSEG	148.86		PKPbc	01:55:29.689	-0.5	12.4		2.25		TAS				m_e	
CLL	150.99		PKPbc	01:55:34.844	0.0	12.4		2.25		TAS				m_e	
CLZ	150.90		PKPbc	01:55:34.479	-0.2	12.4		2.25		TAS				m_e	
FBE	151.29		PKPbc	01:55:35.802	0.3	12.4		2.25		TAS				m_e	
FLT1	150.30		PKPbc	01:55:33.069	-0.3	12.4		2.25		TAS				m_e	
GEC2	153.18		PKPbc	01:55:39.917	-0.2	12.4		2.25		TAS				m_e	
GRA1	152.87		PKPbc	01:55:39.109	-0.8	12.4		2.25		TAS				m_e	
GTTG	151.24		PKPbc	01:55:35.279	0.3	12.4		2.25		TAS				m_e	
GUNZ	152.02		PKPbc	01:55:37.159	0.3	12.4		2.25		TAS				m_e	
KAST	151.75		PKPbc	01:55:36.682	0.3	12.4		2.25		TAS				m_e	
MANZ	152.43		PKPbc	01:55:37.922	-0.8	12.4		2.25		TAS				m_e	
MOX	151.88		PKPbc	01:55:36.850	0.4	12.4		2.25		TAS				m_e	
TANN	151.95		PKPbc	01:55:37.094	0.2	12.4		2.25		TAS				m_e	
TNS	152.72		PKPbc	01:55:39.065	0.3	12.4		2.25		TAS				m_e	
UBR	155.00		PKPbc	01:55:43.540		12.4		2.25		TAS				m_e	
WERD	151.95		PKPbc	01:55:37.211	0.0	12.4		2.25		TAS				m_e	
WET	153.08		PKPbc	01:55:39.437	-0.1	12.4		2.25		TAS				m_e	

Event 70519001 Bering Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/19	01:21:55.30			54.1200	-172.1700				33.0			28		72.29	78.56	m i ke	BGR
OrigID 70519007																	

Magnitude Err Nsta Author OrigID
mb 4.8 BGR 70519007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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AHRW	75.71	P	01:33:37.899		2.1	5.73	TAS											m_e	
BFO	77.92	P	01:33:50.410		2.1	5.73	TAS	3.7	0.86	m_e	mb								4.5
BRG	75.25	P	01:33:35.334	-0.1	2.1	5.73	TAS	9.7	0.75	m_e	mb								4.9
BSEG	72.29	P	01:33:18.355	-0.4	2.1	5.73	TAS	7.6	0.83	m_e	mb								4.9
BUG	74.81	P	01:33:32.879	0.8	2.1	5.73	TAS	5.1	0.71	m_e	mb								4.7
CLL	74.86	P	01:33:32.972	-0.2	2.1	5.73	TAS	5.4	0.73	m_e	mb								4.7
CLZ	74.39	P	01:33:30.259	0.1	2.1	5.73	TAS	10.4	0.77	m_e	mb								4.9
FBE	75.23	P	01:33:35.387	0.1	2.1	5.73	TAS	10.0	0.90	m_e	mb								4.8
FLT1	73.88	P	01:33:27.780	-0.2	2.1	5.73	TAS	7.4	0.75	m_e	mb								4.8
FUR	78.05	P	01:33:51.290	0.1	2.1	5.73	TAS	11.3	0.78	m_e	mb								5.1
GEC2	77.29	P	01:33:47.048	0.1	2.1	5.73	TAS	50.8	1.47	m_e	mb								5.4
GRA1	76.52	P	01:33:43.126	0.1	2.1	5.73	TAS	12.0	0.75	m_e	mb								5.1
GTTG	74.69	P	01:33:32.838	0.1	2.1	5.73	TAS											m_e	
GUNZ	75.82	P	01:33:38.798	0.1	2.1	5.73	TAS											m_e	
IBBN	73.94	P	01:33:28.363		2.1	5.73	TAS	18.5	1.03	m_e	mb								5.1
KAST	75.05	P	01:33:34.343	0.1	2.1	5.73	TAS	4.1	0.95	m_e	mb								4.4
MANZ	76.21	P	01:33:41.321	0.1	2.1	5.73	TAS	4.5	1.41	m_e	mb								4.4
MOX	75.56	P	01:33:37.701	0.1	2.1	5.73	TAS											m_e	
NEUB	75.01	P	01:33:34.451	0.1	2.1	5.73	TAS	86.7	1.39	m_e	mb								5.6
NRDL	73.74	P	01:33:26.862		2.1	5.73	TAS	5.2	0.88	m_e	mb								4.6
RJOB	78.43	P	01:33:53.763	0.1	2.1	5.73	TAS											m_e	
ROTZ	76.42	P	01:33:42.479	0.1	2.1	5.73	TAS					1.0	0.71	m_e	mb				4.1
TANN	75.77	P	01:33:38.736		2.1	5.73	TAS	3.8	0.83	m_e	mb								4.6
TNS	76.03	P	01:33:40.123		2.1	5.73	TAS											m_e	
UBR	78.56	P	01:33:54.471		2.1	5.73	TAS	37.5	1.45	m_e	mb								5.2
WERD	75.74	P	01:33:38.122		2.1	5.73	TAS											m_e	
WERN	75.90	P	01:33:39.311		2.1	5.73	TAS	6.8	0.72	m_e	mb								4.9
WET	77.02	P	01:33:45.619		2.1	5.73	TAS	9.3	1.08	m_e	mb								4.8

Event 70519002 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/19	17:57:19.67			-17.3300	-173.7900				33.0			18		145.67	149.56	m i ke	BGR
	70519008																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	149.03		PKPbc	18:17:04.079		7.6		2.91		TAS					m_e
CLL	145.67		PKPbc	18:16:54.684	-0.2	7.6		2.91		TAS					m_e
FBE	146.00		PKPbc	18:16:55.520	3.0	7.6		2.91		TAS					m_e
FUR	148.97		PKPbc	18:17:03.865	-0.2	7.6		2.91		TAS					m_e
GEC2	147.98		PKPbc	18:17:01.455	0.1	7.6		2.91		TAS					m_e
GRA1	147.47		PKPbc	18:16:59.929	-0.2	7.6		2.91		TAS					m_e
GUNZ	146.68		PKPbc	18:16:57.316	0.1	7.6		2.91		TAS					m_e
MOX	146.48		PKPbc	18:16:56.759	-0.2	7.6		2.91		TAS					m_e

RJOB	149.20	PKPbc	18:17:04.641		7.6	2.91	TAS	m_e
ROTZ	147.28	PKPbc	18:16:59.295	0.5	7.6	2.91	TAS	m_e
STU	148.55	PKPbc	18:17:02.466	-0.2	7.6	2.91	TAS	m_e
TANN	146.62	PKPbc	18:16:57.163	-0.1	7.6	2.91	TAS	m_e
TNS	147.14	PKPbc	18:16:58.949	0.1	7.6	2.91	TAS	m_e
UBR	149.56	PKPbc	18:17:05.560		7.6	2.91	TAS	m_e
WERD	146.60	PKPbc	18:16:57.253	0.1	7.6	2.91	TAS	m_e
WERN	146.75	PKPbc	18:16:57.681	0.1	7.6	2.91	TAS	m_e
WET	147.81	PKPbc	18:17:01.082	-0.3	7.6	2.91	TAS	m_e
WLF	147.75	PKPbc	18:17:00.909	0.1	7.6	2.91	TAS	m_e

Event 70520001 Negros, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/20	01:06:15.30			9.3470	123.9510				550.0			29		94.62	100.16	m i ke	BGR
70520007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	70520007
MBB	6.4		BGR	70520007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	99.23		P	01:18:59.273	-0.4	67.4		4.52		TAS		5.8	0.83	m_e	MBB 6.4
BFO	99.48		P	01:19:00.097		67.4		4.52		TAS		4.2	0.77	m_e	MBB 6.0
BRG	95.11		P	01:18:40.681	-0.0	67.4		4.52		TAS		48.7	0.83	m_e	MBB 6.4
BSEG	95.96		P	01:18:44.557	-0.3	67.4		4.52		TAS		25.7	0.82	m_e	MBB 6.4
BUG	98.72		P	01:18:57.134	-0.1	67.4		4.52		TAS		22.6	0.86	m_e	MBB 6.5
CLL	95.50		P	01:18:42.551	0.0	67.4		4.52		TAS		35.1	0.96	m_e	MBB 6.4
CLZ	96.80		P	01:18:48.386	-0.4	67.4		4.52		TAS		45.2	0.95	m_e	MBB 6.6
FBE	95.44		P	01:18:42.095	-0.1	67.4		4.52		TAS		65.3	0.96	m_e	MBB 6.4
FLT1	96.11		P	01:18:45.176	-0.6	67.4		4.52		TAS				m_e	
FUR	97.75		P	01:18:52.534	-0.0	67.4		4.52		TAS		9.2	0.70	m_e	MBB 6.6
GEC2	96.00		P	01:18:44.415	0.1	67.4		4.52		TAS		82.3	1.39	m_e	MBB 6.3
GRA1	97.18		P	01:18:50.073	0.3	67.4		4.52		TAS		22.1	0.88	m_e	mb 5.8
GTTG	97.15		P	01:18:50.164	0.3	67.4		4.52		TAS		81.9	1.15	m_e	MBB 6.6
GUNZ	96.26		P	01:18:45.833	-0.0	67.4		4.52		TAS		52.0	0.93	m_e	MBB 6.4
IBBN	98.06		P	01:18:54.222	0.1	67.4		4.52		TAS		47.6	0.83	m_e	MBB 6.7
KAST	98.18		P	01:18:54.693	0.2	67.4		4.52		TAS		35.1	1.13	m_e	MBB 6.5
MOX	96.57		P	01:18:47.284	0.3	67.4		4.52		TAS		34.8	1.02	m_e	MBB 6.4
NEUB	96.26		P	01:18:45.970	0.0	67.4		4.52		TAS		53.7	0.84	m_e	MBB 6.5
NRDL	96.68		P	01:18:48.082	-0.1	67.4		4.52		TAS		45.1	0.90	m_e	MBB 6.6
RJOB	96.97		P	01:18:49.005	0.1	67.4		4.52		TAS		7.3	0.90	m_e	MBB 6.1
ROTZ	96.56		P	01:18:47.201	0.1	67.4		4.52		TAS		8.9	0.93	m_e	MBB 5.9
RUE	94.62		P	01:18:38.507	0.3	67.4		4.52		TAS		106.1	0.92	m_e	MBB 6.7
STU	98.77		P	01:18:57.160	-0.4	67.4		4.52		TAS		22.6	0.78	m_e	MBB 6.8
TANN	96.16		P	01:18:45.430	0.0	67.4		4.52		TAS		27.3	0.91	m_e	MBB 6.3

TNS	98.59	P	01:18:56.376	-0.3	67.4	4.52	TAS	27.0	1.00	m_e	MBB	6.4
UBR	98.66	P	01:18:56.517	-0.3	67.4	4.52	TAS	10.6	0.72	m_e	MBB	6.4
WERD	96.24	P	01:18:45.788	-0.0	67.4	4.52	TAS	39.7	0.97	m_e	MBB	6.2
WERN	96.26	P	01:18:45.742	-0.1	67.4	4.52	TAS	26.9	0.72	m_e	MBB	6.3
WET	96.39	P	01:18:46.457	-0.0	67.4	4.52	TAS	23.0	1.13	m_e	MBB	6.2
WLF	100.16	P	01:19:03.630		67.4	4.52	TAS	35.8	1.03	m_e	MBB	6.4

Event 70520002 Sea of Okhotsk

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/20	01:26:24.87			49.0600	147.3900				33.0			27		71.18	76.74	m i ke	BGR
70520008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	70520008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	75.11	P		01:33:45.633	0.3	27.2		5.56		TAS		19.7	0.99	m_e	mb	5.1
ASSE	72.67	P		01:33:32.221	-0.3	27.2		5.56		TAS		5.8	0.78	m_e	mb	4.8
BFO	76.74	P		01:33:54.868		27.2		5.56		TAS		8.1	0.88	m_e	mb	4.9
BRG	72.78	P		01:33:32.951	0.6	27.2		5.56		TAS		5.4	0.77	m_e	mb	4.7
BSEG	71.18	P		01:33:23.672	0.1	27.2		5.56		TAS		9.4	0.78	m_e	mb	5.0
BUG	74.25	P		01:33:41.021	-0.3	27.2		5.56		TAS		17.6	0.96	m_e	mb	5.1
CLL	72.69	P		01:33:32.339	0.0	27.2		5.56		TAS		25.6	0.88	m_e	mb	5.4
CLZ	73.01	P		01:33:34.451	0.2	27.2		5.56		TAS		14.3	0.89	m_e	mb	5.1
FBE	72.92	P		01:33:34.064	0.1	27.2		5.56		TAS		15.1	0.84	m_e	mb	5.2
FLT1	72.33	P		01:33:30.230	0.1	27.2		5.56		TAS		16.1	0.77	m_e	mb	5.2
FUR	75.99	P		01:33:50.829		27.2		5.56		TAS		17.7	0.81	m_e	mb	5.2
GEC2	74.62	P		01:33:43.454	0.2	27.2		5.56		TAS		7.2	0.84	m_e	mb	4.7
GRA1	74.66	P		01:33:43.414	-0.7	27.2		5.56		TAS		17.4	0.84	m_e	mb	5.1
GTTG	73.39	P		01:33:36.175	-0.0	27.2		5.56		TAS		11.4	0.85	m_e	mb	5.0
GUNZ	73.72	P		01:33:38.294	0.4	27.2		5.56		TAS		10.1	0.85	m_e	mb	4.9
HLG	71.62	P		01:33:26.161		27.2		5.56		TAS				m_e		
IBBN	73.34	P		01:33:36.068	-0.2	27.2		5.56		TAS		24.2	0.72	m_e	mb	5.4
KAST	74.14	P		01:33:40.910	0.3	27.2		5.56		TAS		11.0	0.86	m_e	mb	4.9
MOX	73.70	P		01:33:38.294	0.2	27.2		5.56		TAS		9.8	0.96	m_e	mb	4.8
NEUB	73.17	P		01:33:35.400	0.7	27.2		5.56		TAS		19.7	0.82	m_e	mb	5.3
NRDL	72.51	P		01:33:31.171	-0.4	27.2		5.56		TAS		9.4	0.86	m_e	mb	4.9
RJOB	75.88	P		01:33:50.390	-0.3	27.2		5.56		TAS		6.4	0.83	m_e	mb	4.8
ROTZ	74.29	P		01:33:41.537	0.3	27.2		5.56		TAS		2.3	0.82	m_e	mb	4.2
RUE	71.44	P		01:33:25.631	0.1	27.2		5.56		TAS		29.5	0.93	m_e	mb	5.4
TANN	73.64	P		01:33:37.793	0.0	27.2		5.56		TAS		3.1	0.75	m_e	mb	4.4
TNS	75.01	P		01:33:45.084	0.1	27.2		5.56		TAS		10.3	0.77	m_e	mb	4.9
WERD	73.66	P		01:33:38.072	-0.2	27.2		5.56		TAS		7.5	0.84	m_e	mb	4.8
WERN	73.78	P		01:33:38.650	0.1	27.2		5.56		TAS		13.0	0.88	m_e	mb	5.0
WET	74.62	P		01:33:43.370	-0.3	27.2		5.56		TAS		15.6	0.91	m_e	mb	5.0

Event 70520004 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/20	10:46:21.21			-23.2000	-176.8100				33.0			25		148.84	154.95	m i ke	BGR

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	150.55		PKPbc	11:06:14.280	0.1	14.9		2.38		TAS		9.4	0.89	m_e	
BFO	154.59		PKPbc	11:06:23.648	-0.5	14.9		2.38		TAS		5.0	0.86	m_e	
BRG	151.14		PKPbc	11:06:15.870	-0.1	14.9		2.38		TAS		21.2	0.96	m_e	
BSEG	148.84		PKPbc	11:06:09.943	-0.2	14.9		2.38		TAS		22.5	0.73	m_e	
CLL	150.93		PKPbc	11:06:15.195	0.5	14.9		2.38		TAS		20.6	0.50	m_e	
CLZ	150.88		PKPbc	11:06:15.198	0.2	14.9		2.38		TAS		10.3	0.58	m_e	
FBE	151.22		PKPbc	11:06:16.219	-0.1	14.9		2.38		TAS			0.55	m_e	
FLT1	150.27		PKPbc	11:06:13.364	0.4	14.9		2.38		TAS		13.6	0.73	m_e	
GEC2	153.09		PKPbc	11:06:20.399		14.9		2.38		TAS		4.9	0.59	m_e	
GRA1	152.81		PKPbc	11:06:19.869		14.9		2.38		TAS				m_e	
GUNZ	151.96		PKPbc	11:06:18.086	0.0	14.9		2.38		TAS			0.52	m_e	
KAST	151.75		PKPbc	11:06:17.412	0.1	14.9		2.38		TAS		8.2	0.54	m_e	
MOX	151.83		PKPbc	11:06:17.556	0.1	14.9		2.38		TAS		4.6	0.56	m_e	
NEUB	151.27		PKPbc	11:06:16.154	-0.5	14.9		2.38		TAS				m_e	
NRDL	150.28		PKPbc	11:06:13.605	0.2	14.9		2.38		TAS		10.9	0.89	m_e	
PLN	151.88		PKPbc	11:06:17.653	0.1	14.9		2.38		TAS			0.52	m_e	
RETH	150.13		PKPbc	11:06:13.360	-0.4	14.9		2.38		TAS			0.90	m_e	
RJOB	154.34		PKPbc	11:06:23.097		14.9		2.38		TAS		4.0	0.43	m_e	
ROTZ	152.55		PKPbc	11:06:19.066	-0.2	14.9		2.38		TAS		1.3	0.75	m_e	
TANN	151.89		PKPbc	11:06:17.653	0.3	14.9		2.38		TAS		8.7	0.52	m_e	
TNS	152.72		PKPbc	11:06:19.831	-0.1	14.9		2.38		TAS		12.4	0.83	m_e	
UBR	154.95		PKPbc	11:06:24.639		14.9		2.38		TAS		8.0	0.65	m_e	
WERD	151.88		PKPbc	11:06:17.749	0.3	14.9		2.38		TAS			0.49	m_e	
WERN	152.02		PKPbc	11:06:18.048	-0.1	14.9		2.38		TAS				m_e	
WET	153.00		PKPbc	11:06:20.225	-0.4	14.9		2.38		TAS				m_e	

Event 70520005 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/20	11:26:33.81			40.1240	143.4420				33.0					81.17	81.17	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
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mb 4.9 BGR 70520011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	81.17		P	11:38:44.838		36.4		4.45		TAS		14.3	1.27	m_e	mb 4.9

Event 70520006 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/20	14:40:51.09			39.9930	143.6110				29.2	1.8		21		78.19	82.86	m i ke	BGR
OrigID 70520012																	

Magnitude 4.8 Err Nsta Author BGR 70520012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	79.55		P	14:52:54.033	0.4	35.5		5.41		TAS				m_e	
BRG	79.37		P	14:52:52.839	-0.2	35.5		5.41		TAS		5.8	1.02	m_e	mb 4.6
BRG	79.37		pP	14:53:01.020						T__				m_e	
BSEG	78.19		P	14:52:46.571	0.4	35.5		5.41		TAS		28.5	1.18	m_e	mb 5.3
BSEG	78.19		pP	14:52:54.903						T__				m_e	
CLL	79.37		P	14:52:52.899	-0.3	35.5		5.41		TAS		16.9	1.08	m_e	mb 5.0
CLL	79.37		pP	14:53:01.124						T__				m_e	
CLZ	79.89		P	14:52:55.646	-0.4	35.5		5.41		TAS		18.0	1.14	m_e	mb 4.9
FBE	79.55		P	14:52:54.010	-0.4	35.5		5.41		TAS		10.7	1.11	m_e	mb 4.7
FLT1	79.18		P	14:52:51.390	-0.8	35.5		5.41		TAS		16.7	1.04	m_e	mb 5.0
GEC2	81.09		P	14:53:02.258	0.1	35.5		5.41		TAS				m_e	
GEC2	81.09		pP	14:53:10.763						T__				m_e	
GOR1	78.62		P	14:52:48.897	0.8	35.5		5.41		TAS		28.3	1.30	m_e	mb 5.1
GOR1	78.62		pP	14:52:57.169						T__				m_e	
GRA1	81.35		P	14:53:03.768		35.5		5.41		TAS		28.3	1.09	m_e	mb 5.2
GRA1	81.35		pP	14:53:12.281						T__				m_e	
GUNZ	80.39		P	14:52:58.404	-0.0	35.5		5.41		TAS				m_e	
IBBN	80.40		P	14:52:58.635	-0.1	35.5		5.41		TAS		17.4	1.07	m_e	mb 4.9
IBBN	80.40		pP	14:53:07.177						T__				m_e	
KAST	81.10		P	14:53:02.439	0.2	35.5		5.41		TAS		7.7	1.08	m_e	mb 4.7
MOX	80.42		P	14:52:58.877	-0.2	35.5		5.41		TAS		7.7	1.04	m_e	mb 4.6
NEUB	79.92		P	14:52:56.039	-0.1	35.5		5.41		TAS		24.5	1.06	m_e	mb 5.1
NRDL	79.44		P	14:52:53.624	0.0	35.5		5.41		TAS				m_e	
PLN	80.35		P	14:52:58.394	0.2	35.5		5.41		TAS		6.9	1.07	m_e	mb 4.5
RETH	79.50		P	14:52:53.865	-0.1	35.5		5.41		TAS		16.3	1.17	m_e	mb 4.9
RETH	79.50		pP	14:53:02.345						T__				m_e	
RJOB	82.34		P	14:53:09.262		35.5		5.41		TAS				m_e	
ROTZ	80.92		P	14:53:01.473	0.2	35.5		5.41		TAS		2.0	1.00	m_e	mb 4.1
ROTZ	80.92		pP	14:53:09.831						T__				m_e	
STU	82.86		P	14:53:11.783		35.5		5.41		TAS				m_e	
TANN	80.30		P	14:52:57.921	-0.4	35.5		5.41		TAS				m_e	

TANN	80.30	pP	14:53:06.857							T__						m_e	
TNS	81.91	P	14:53:07.028		35.5		5.41			TAS	8.9	1.24	m_e	mb			4.8
WERD	80.33	P	14:52:58.330	-0.4	35.5		5.41			TAS	11.9	1.42	m_e	mb			4.6
WERN	80.43	P	14:52:59.009	0.4	35.5		5.41			TAS	8.0	1.04	m_e	mb			4.6
WERN	80.43	pP	14:53:07.221							T__						m_e	
WET	81.17	P	14:53:02.897		35.5		5.41			TAS	14.3	1.14	m_e	mb			4.9

Event 70520007 Chiapas, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/20	17:58:49.72			17.1700	-93.9110				150.0			36		82.96	88.33	m i ke	BGR
	70520013																

Magnitude	Err	Nsta	Author	OrigID
mb	6.2		BGR	70520013
MBB	6.4		BGR	70520013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	83.70	P		18:10:59.971	-0.7	291.9		4.89		TAS		398.5	1.43	m_e	MBB	6.5
ASSE	85.26	P		18:11:07.624	0.0	291.9		4.89		TAS		279.6	1.06	m_e	MBB	6.5
BFO	85.22	P		18:11:07.327	-0.3	291.9		4.89		TAS		193.4	1.24	m_e	MBB	6.3
BRG	87.63	P		18:11:19.203	-0.3	291.9		4.89		TAS		66.8	0.95	m_e	MBB	6.2
BSEG	84.39	P		18:11:03.132	0.2	291.9		4.89		TAS		478.1	1.09	m_e	MBB	6.7
BUG	83.52	P		18:10:58.988	-0.1	291.9		4.89		TAS		235.2	1.53	m_e	MBB	6.3
CLL	86.92	P		18:11:15.671	-0.7	291.9		4.89		TAS		99.8	0.92	m_e	MBB	6.0
CLZ	85.19	P		18:11:07.253	-0.0	291.9		4.89		TAS		290.7	1.01	m_e	MBB	6.6
FBE	87.27	P		18:11:17.517	-0.2	291.9		4.89		TAS		129.1	1.03	m_e	MBB	6.2
FLT1	85.51	P		18:11:08.890	-0.3	291.9		4.89		TAS		298.2	1.09	m_e	MBB	6.5
FUR	87.12	P		18:11:16.910	0.3	291.9		4.89		TAS		189.2	1.47	m_e	MBB	6.1
GEC2	88.33	P		18:11:22.388	-0.1	291.9		4.89		TAS		79.5	1.06	m_e	mb	6.0
GOR1	85.30	P		18:11:07.717	-0.1	291.9		4.89		TAS		294.6	1.16	m_e	MBB	6.5
GRA1	86.50	P		18:11:14.031	0.4	291.9		4.89		TAS		315.8	1.37	m_e	mb	6.3
GTTG	85.07	P		18:11:06.729	0.3	291.9		4.89		TAS		429.9	1.00	m_e	MBB	6.7
GUNZ	86.90	P		18:11:15.554	-0.2	291.9		4.89		TAS		308.1	1.62	m_e	MBB	6.2
HLG	82.96	P		18:10:56.203	-0.2	291.9		4.89		TAS		280.5	0.95	m_e	MBB	6.7
IBBN	83.52	P		18:10:58.896	-0.2	291.9		4.89		TAS		311.0	1.32	m_e	MBB	6.5
KAST	84.28	P		18:11:02.517	-0.3	291.9		4.89		TAS		228.7	1.16	m_e	MBB	6.5
MOX	86.37	P		18:11:13.241	0.5	291.9		4.89		TAS		238.3	1.48	m_e	MBB	6.3
NEUB	86.25	P		18:11:12.762	0.4	291.9		4.89		TAS		323.1	1.32	m_e	MBB	6.4
NRDL	84.80	P		18:11:05.581	0.2	291.9		4.89		TAS		320.1	1.03	m_e	MBB	6.6
PLN	86.75	P		18:11:14.960	0.1	291.9		4.89		TAS		167.5	1.17	m_e	MBB	6.2
RETH	84.29	P		18:11:02.899	0.7	291.9		4.89		TAS		626.4	1.04	m_e	MBB	6.8
RGN	85.79	P		18:11:10.143	0.3	291.9		4.89		TAS		362.6	1.20	m_e	MBB	6.5
RJOB	88.23	P		18:11:22.120	-0.5	291.9		4.89		TAS		66.5	1.22	m_e	MBB	6.2
ROTZ	87.06	P		18:11:16.317	0.4	291.9		4.89		TAS		49.6	1.72	m_e	MBB	5.5
RUE	86.88	P		18:11:15.559	-0.5	291.9		4.89		TAS		290.3	1.92	m_e	MBB	6.0

STU	85.61	P	18:11:09.295	0.1	291.9	4.89	TAS	639.8	1.02	m_e	MBB	6.8
TANN	86.96	P	18:11:15.702	-0.2	291.9	4.89	TAS	165.2	1.17	m_e	MBB	6.2
TNS	84.64	P	18:11:04.653	0.1	291.9	4.89	TAS	463.4	0.92	m_e	MBB	6.8
UBR	86.57	P	18:11:13.938	0.1	291.9	4.89	TAS	186.2	1.11	m_e	MBB	6.3
WERD	86.85	P	18:11:15.238	-0.1	291.9	4.89	TAS	187.2	1.34	m_e	MBB	6.2
WERN	86.96	P	18:11:15.795	-0.1	291.9	4.89	TAS	194.6	1.15	m_e	MBB	6.3
WET	87.71	P	18:11:19.482	0.7	291.9	4.89	TAS	62.6	0.86	m_e	MBB	6.3
WLF	83.43	P	18:10:58.451	0.2	291.9	4.89	TAS			m_e		

Event 70520008 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/20	20:32:29.54			66.2080	-22.9860				10.0					24.09	24.09	m i ke	BGR
OrigID 70520014																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.1		BGR	70520014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	24.09		P	20:37:45.782		324.9		9.45		TAS		7.5	1.16	m_e mb	4.1

Event 70521001 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/21	07:10:41.29			-20.6310	169.3920				103.6				17	144.17	148.44	m i ke	BGR
OrigID 70521007																	

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	148.44		PKPbc	07:30:12.230	-0.4	38.1		2.81		TAS				m_e	
BRG	144.17		PKPbc	07:29:59.517	-0.8	38.1		2.81		TAS				m_e	
CLZ	144.81		PKPbc	07:30:01.475	0.7	38.1		2.81		TAS				m_e	
GEC2	145.78		PKPbc	07:30:05.027	0.1	38.1		2.81		TAS				m_e	
GTTG	145.20		PKPbc	07:30:02.928	0.1	38.1		2.81		TAS				m_e	
GUNZ	145.23		PKPbc	07:30:02.960	0.2	38.1		2.81		TAS				m_e	
IBBN	145.31		PKPbc	07:30:03.068	-0.7	38.1		2.81		TAS				m_e	
MANZ	145.61		PKPbc	07:30:04.316	0.2	38.1		2.81		TAS				m_e	
MOX	145.30		PKPbc	07:30:02.850	-0.1	38.1		2.81		TAS				m_e	
NEUB	144.81		PKPbc	07:30:01.328	0.0	38.1		2.81		TAS				m_e	
ROTZ	145.74		PKPbc	07:30:04.969	0.9	38.1		2.81		TAS				m_e	
TANN	145.14		PKPbc	07:30:02.634	-0.1	38.1		2.81		TAS				m_e	
UBR	148.24		PKPbc	07:30:11.777	-0.3	38.1		2.81		TAS				m_e	

WERD	145.18	PKPbc	07:30:02.662	-0.2	38.1	2.81	TAS	m_e
WERN	145.27	PKPbc	07:30:03.148	0.1	38.1	2.81	TAS	m_e
WET	145.92	PKPbc	07:30:05.098	-0.2	38.1	2.81	TAS	m_e
WLF	148.10	PKPbc	07:30:11.705	0.4	38.1	2.81	TAS	m_e

Event 70521002 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/21	09:26:12.16			-19.8490	170.7680				33.0				1	146.04	146.04	m i ke	BGR
	70521008																

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	146.04		PKPbc	09:45:52.795		43.7		3.00		TAS				m_e	

Event 70521003 Nicobar Islands, India, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/21	17:38:05.14			9.4230	97.3430				33.0					80.38	80.38	m i ke	BGR
	70521009																

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	70521009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	80.38		P	17:50:13.368		98.5		4.77		TAS		6.2	1.26	m_e mb	4.4

Event 70521004 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/21	22:22:27.07			-22.3500	-177.8700				33.0				28	147.86	153.93	m i ke	BGR
	70521010																

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	149.55		PKPbc	22:42:10.085	0.1	16.7		2.44		TAS				m_e	
BFO	153.61		PKPbc	22:42:19.907	-0.5	16.7		2.44		TAS				m_e	
BFO	153.61		PKPab	22:42:31.980	0.3	16.7		2.44		TAS				m_e	

BRG	150.07	PKPbc	22:42:11.737	0.0	16.7	2.44	TAS	m_e
BSEG	147.86	PKPbc	22:42:05.888	-0.3	16.7	2.44	TAS	m_e
CLL	149.88	PKPbc	22:42:10.943	-0.2	16.7	2.44	TAS	m_e
CLZ	149.88	PKPbc	22:42:10.804	0.3	16.7	2.44	TAS	m_e
FBE	150.16	PKPbc	22:42:12.071	0.2	16.7	2.44	TAS	m_e
FBE	150.16	PKPab	22:42:17.911	0.3	16.7	2.44	TAS	m_e
FLT1	149.26	PKPbc	22:42:09.146	-0.5	16.7	2.44	TAS	m_e
GEC2	152.00	PKPbc	22:42:16.420	-0.5	16.7	2.44	TAS	m_e
GRA1	151.78	PKPbc	22:42:16.165	0.4	16.7	2.44	TAS	m_e
GTTG	150.23	PKPbc	22:42:11.841	0.2	16.7	2.44	TAS	m_e
GUNZ	150.92	PKPbc	22:42:13.992	0.3	16.7	2.44	TAS	m_e
GUNZ	150.92	PKPab	22:42:20.997	0.3	16.7	2.44	TAS	m_e
HLG	147.92	PKPbc	22:42:06.329	-0.1	16.7	2.44	TAS	m_e
IBBN	149.78	PKPbc	22:42:10.708	-0.5	16.7	2.44	TAS	m_e
KAST	150.79	PKPbc	22:42:13.491	0.1	16.7	2.44	TAS	m_e
MANZ	151.32	PKPbc	22:42:14.744	0.1	16.7	2.44	TAS	m_e
MOX	150.80	PKPbc	22:42:13.533	0.2	16.7	2.44	TAS	m_e
MOX	150.80	PKPab	22:42:20.076	0.3	16.7	2.44	TAS	m_e
NEUB	150.25	PKPbc	22:42:12.238	0.2	16.7	2.44	TAS	m_e
NRDL	149.29	PKPbc	22:42:09.428	0.2	16.7	2.44	TAS	m_e
RJOB	153.26	PKPbc	22:42:19.119	-0.5	16.7	2.44	TAS	m_e
RJOB	153.26	PKPab	22:42:31.568	0.3	16.7	2.44	TAS	m_e
ROTZ	151.50	PKPbc	22:42:15.162	0.0	16.7	2.44	TAS	m_e
TANN	150.84	PKPbc	22:42:13.616	0.1	16.7	2.44	TAS	m_e
TNS	151.74	PKPbc	22:42:15.664	-0.0	16.7	2.44	TAS	m_e
TNS	151.74	PKPab	22:42:24.237	0.3	16.7	2.44	TAS	m_e
UBR	153.93	PKPbc	22:42:20.468		16.7	2.44	TAS	m_e
WERD	150.84	PKPbc	22:42:13.575	0.1	16.7	2.44	TAS	m_e
WERN	150.98	PKPbc	22:42:13.992	0.1	16.7	2.44	TAS	m_e
WERN	150.98	PKPab	22:42:21.572	0.3	16.7	2.44	TAS	m_e
WET	151.93	PKPbc	22:42:16.081	-0.2	16.7	2.44	TAS	m_e
WLF	152.56	PKPbc	22:42:18.128	0.2	16.7	2.44	TAS	m_e

Event 70522001 Tajikistan-Xinjiang border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/22	09:23:14.31			39.5370	73.5790				33.0			16		42.37	47.56	m i ke	BGR
70522007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	70522007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	44.25		P	09:31:19.654	-0.1	81.0		7.99		TAS		3.1	0.74	m_e mb	4.1
BFO	46.51		P	09:31:37.004	0.5	81.0		7.99		TAS		2.1	0.82	m_e mb	4.3
BSEG	44.19		P	09:31:19.113	0.1	81.0		7.99		TAS		12.3	0.79	m_e mb	4.7

BUG	46.45	P	09:31:37.317	0.5	81.0	7.99	TAS										m_e		
CLL	42.94	P	09:31:08.372	-0.7	81.0	7.99	TAS											m_e	
CLZ	44.48	P	09:31:21.447	0.5	81.0	7.99	TAS											m_e	
FBE	42.78	P	09:31:07.780	0.2	81.0	7.99	TAS				4.4	0.76	m_e	mb					4.3
FLT1	43.87	P	09:31:16.078	0.1	81.0	7.99	TAS				10.8	0.74	m_e	mb					4.7
GEC2	42.92	P	09:31:07.980	-0.1	81.0	7.99	TAS				2.6	0.84	m_e	mb					4.0
GRA1	44.35	P	09:31:19.654	0.5	81.0	7.99	TAS				8.7	0.62	m_e	mb					4.6
GTTG	44.78	P	09:31:23.851		81.0	7.99	TAS				14.4	0.74	m_e	mb					5.0
GUNZ	43.52	P	09:31:13.493	-0.0	81.0	7.99	TAS				2.7	0.82	m_e	mb					4.0
HLG	45.57	P	09:31:29.656	0.5	81.0	7.99	TAS				20.3	0.85	m_e	mb					5.2
MANZ	43.73	P	09:31:15.465	0.7	81.0	7.99	TAS				0.4	0.73	m_e	mb					3.3
MOX	43.92	P	09:31:16.946	0.2	81.0	7.99	TAS				2.3	0.84	m_e	mb					3.9
NRDL	44.53	P	09:31:21.753		81.0	7.99	TAS				10.5	0.93	m_e	mb					4.8
RGN	42.37	P	09:31:04.380	0.5	81.0	7.99	TAS				28.7	0.84	m_e	mb					5.0
TANN	43.43	P	09:31:12.410	-0.4	81.0	7.99	TAS				2.1	0.80	m_e	mb					3.9
UBR	45.51	P	09:31:28.590		81.0	7.99	TAS				6.8	0.81	m_e	mb					4.7
WERD	43.52	P	09:31:13.629	0.1	81.0	7.99	TAS				2.4	0.79	m_e	mb					4.0
WERN	43.50	P	09:31:13.493	0.1	81.0	7.99	TAS				1.5	0.68	m_e	mb					3.8
WLF	47.56	P	09:31:46.055	0.5	81.0	7.99	TAS				4.9	0.78	m_e	mb					4.7

Event 70522002 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/22	11:00:58.09			43.9860	147.7170				33.0			33		74.44	81.39	m i ke	BGR
	70522008																

Magnitude	Err	Nsta	Author	OrigID
mb	5.9		BGR	70522008
MBB	6.4		BGR	70522008
Ms	5.1		BGR	70522008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	79.82	P		11:12:59.591	-0.8	30.6		5.52		TAS		177.0	0.92	m_e	MBB 6.3
ASSE	77.34	P		11:12:46.579	0.1	30.6		5.52		TAS		58.8	0.89	m_e	MBB 6.5
BFO	81.39	P		11:13:08.550	-0.5	30.6		5.52		TAS		94.4	0.89	m_e	MBB 6.2
BRG	77.35	P		11:12:46.509	-0.2	30.6		5.52		TAS		59.2	0.83	m_e	MBB 6.4
BSEG	75.88	P		11:12:38.674	0.1	30.6		5.52		TAS		212.7	0.87	m_e	MBB 6.6
BUG	78.97	P		11:12:55.523	0.0	30.6		5.52		TAS		175.6	0.90	m_e	MBB 6.5
CLL	77.29	P		11:12:46.097	-0.5	30.6		5.52		TAS		186.1	0.79	m_e	MBB 6.6
CLZ	77.68	P		11:12:48.976	0.4	30.6		5.52		TAS		176.6	0.88	m_e	MBB 6.6
FBE	77.51	P		11:12:47.695	0.1	30.6		5.52		TAS		115.8	0.89	m_e	MBB 6.4
FLT1	76.99	P		11:12:44.354	-0.5	30.6		5.52		TAS		200.8	0.89	m_e	MBB 6.6
FUR	80.57	P		11:13:04.579	0.0	30.6		5.52		TAS		115.4	0.84	m_e	MBB 6.5
GEC2	79.15	P		11:12:56.675	0.1	30.6		5.52		TAS		52.5	0.85	m_e	MBB 6.1
GRA1	79.27	P		11:12:57.711	0.7	30.6		5.52		TAS		290.2	0.88	m_e	mb 6.3
GRA1	79.27	L		11:52:40.490						T__		952.6	20.20	a_e	Ms 5.1

GTTG	78.06	P	11:12:50.893	0.2	30.6	5.52	TAS	217.7	0.94	m_e	MBB	6.6
GUNZ	78.32	P	11:12:52.250	0.3	30.6	5.52	TAS	54.2	0.76	m_e	MBB	6.2
HLG	76.37	P	11:12:41.456	-0.0	30.6	5.52	TAS	234.0	0.81	m_e	MBB	6.7
IBBN	78.06	P	11:12:50.672	-0.1	30.6	5.52	TAS	196.8	0.91	m_e	MBB	6.7
MANZ	78.72	P	11:12:54.264	-0.3	30.6	5.52	TAS	14.9	0.89	m_e	MBB	5.6
MOX	78.32	P	11:12:52.113	0.0	30.6	5.52	TAS	87.5	0.93	m_e	MBB	6.4
MOX	78.32	L	11:52:11.458				T__	889.8	18.50	a_e	Ms	5.1
NEUB	77.79	P	11:12:48.982	0.7	30.6	5.52	TAS	214.0	0.93	m_e	MBB	6.6
NRDL	77.19	P	11:12:45.845	-0.3	30.6	5.52	TAS	72.0	0.88	m_e	MBB	6.5
RGN	74.44	P	11:12:30.438	-0.2	30.6	5.52	TAS	394.9	0.95	m_e	MBB	6.9
RJOB	80.41	P	11:13:03.925	0.2	30.6	5.52	TAS	56.0	0.81	m_e	MBB	6.1
ROTZ	78.88	P	11:12:55.353	-0.2	30.6	5.52	TAS	17.2	0.92	m_e	MBB	5.6
RUE	76.05	P	11:12:39.589	0.1	30.6	5.52	TAS	182.1	0.93	m_e	MBB	6.7
STU	80.73	P	11:13:05.273	-0.2	30.6	5.52	TAS	211.2	0.81	m_e	MBB	6.8
TANN	78.24	P	11:12:51.596	-0.1	30.6	5.52	TAS	24.3	0.81	m_e	MBB	6.2
TNS	79.69	P	11:12:59.651	0.1	30.6	5.52	TAS	113.7	0.87	m_e	MBB	6.2
UBR	81.38	P	11:13:08.358	-0.9	30.6	5.52	TAS	42.0	0.83	m_e	MBB	6.1
WERD	78.26	P	11:12:51.821	-0.2	30.6	5.52	TAS	41.9	0.83	m_e	MBB	6.1
WERN	78.37	P	11:12:52.663	0.3	30.6	5.52	TAS	61.7	0.75	m_e	MBB	6.2
WET	79.18	P	11:12:57.177	0.4	30.6	5.52	TAS	149.6	0.95	m_e	MBB	6.4
WLF	80.87	P	11:13:06.138	1.2	30.6	5.52	TAS	41.6	0.78	m_e	MBB	6.0

Event 70522003 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/22	16:41:12.37			-16.8980	-173.0950				75.8			29		144.19	149.19	m i ke	BGR
70522009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	146.44		PKPbc	17:00:48.603	0.6	5.7		2.87		TAS				m_e	
ASSE	144.72		PKPbc	17:00:42.902	-0.1	5.7		2.87		TAS				m_e	
BFO	148.63		PKPbc	17:00:54.478	-0.6	5.7		2.87		TAS				m_e	
BRG	145.64		PKPbc	17:00:45.973	-0.3	5.7		2.87		TAS				m_e	
BUG	145.54		PKPbc	17:00:45.563	-0.2	5.7		2.87		TAS				m_e	
CLL	145.33		PKPbc	17:00:44.730	-0.6	5.7		2.87		TAS				m_e	
CLZ	145.03		PKPbc	17:00:43.821	-0.4	5.7		2.87		TAS				m_e	
FBE	145.67		PKPbc	17:00:46.076	0.0	5.7		2.87		TAS				m_e	
FLT1	144.48		PKPbc	17:00:42.175	0.1	5.7		2.87		TAS				m_e	
GEC2	147.66		PKPbc	17:00:51.769	-0.1	5.7		2.87		TAS				m_e	
GRA1	147.10		PKPbc	17:00:50.277	0.4	5.7		2.87		TAS				m_e	
GTTG	145.35		PKPbc	17:00:44.640	-0.1	5.7		2.87		TAS				m_e	
GUNZ	146.33		PKPbc	17:00:48.311	0.6	5.7		2.87		TAS				m_e	
IBBN	144.66		PKPbc	17:00:42.899	-0.3	5.7		2.87		TAS				m_e	
KAST	145.76		PKPbc	17:00:46.002	0.2	5.7		2.87		TAS				m_e	

MANZ	146.73	PKPbc	17:00:49.303	0.2	5.7	2.87	TAS	m_e
MOX	146.12	PKPbc	17:00:47.177	0.3	5.7	2.87	TAS	m_e
NEUB	145.56	PKPbc	17:00:45.427	-0.0	5.7	2.87	TAS	m_e
NRDL	144.39	PKPbc	17:00:42.079	-0.3	5.7	2.87	TAS	m_e
PLN	146.23	PKPbc	17:00:47.683	0.0	5.7	2.87	TAS	m_e
RETH	144.19	PKPbc	17:00:41.284	0.0	5.7	2.87	TAS	m_e
RJOB	148.87	PKPbc	17:00:55.147	-0.6	5.7	2.87	TAS	m_e
ROTZ	146.94	PKPbc	17:00:49.867	0.1	5.7	2.87	TAS	m_e
TANN	146.27	PKPbc	17:00:48.140	0.5	5.7	2.87	TAS	m_e
TNS	146.74	PKPbc	17:00:49.303	0.1	5.7	2.87	TAS	m_e
UBR	149.19	PKPbc	17:00:56.236		5.7	2.87	TAS	m_e
WERD	146.25	PKPbc	17:00:47.870	0.3	5.7	2.87	TAS	m_e
WERN	146.40	PKPbc	17:00:48.484	0.2	5.7	2.87	TAS	m_e
WET	147.47	PKPbc	17:00:51.276	-0.3	5.7	2.87	TAS	m_e
WLF	147.31	PKPbc	17:00:51.301	0.7	5.7	2.87	TAS	m_e

Event 70523001 Cook Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/23	02:06:39.72			-16.3050	-160.8470				33.0					146.08	146.08	m i ke	BGR
OrigID 70523007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	146.08		PKPbc	02:26:15.576		351.1		2.51		TAS					m_e

Event 70523002 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/23	09:05:59.37			-24.2600	178.7900				557.1	2.7		22		149.13	154.00	m i ke	BGR
OrigID 70523008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	150.73		PKPbc	09:24:47.892	0.0	25.1		2.29		TAS					m_e
BRG	150.96		PKPbc	09:24:48.473	0.1	25.1		2.29		TAS					m_e
BRG	150.96		PKPab	09:24:58.763	0.2	25.1		2.29		TAS					m_e
BRG	150.96		pPKPbc	09:26:57.970	0.2					T__					m_e
BSEG	149.13		PKPbc	09:24:44.171	-0.1	25.1		2.29		TAS					m_e
CLL	150.86		PKPbc	09:24:48.008	-0.1	25.1		2.29		TAS					m_e
CLL	150.86		PKPab	09:24:57.635	0.2	25.1		2.29		TAS					m_e

CLL	150.86	pPKPbc	09:26:57.655	0.2						T__							m_e
CLZ	151.06	PKPbc	09:24:48.607	-0.0	25.1		2.29			TAS							m_e
CLZ	151.06	pPKPbc	09:26:58.023	0.2						T__							m_e
FBE	151.10	PKPbc	09:24:48.938	0.3	25.1		2.29			TAS							m_e
FBE	151.10	PKPab	09:24:59.026	0.2	25.1		2.29			TAS							m_e
FBE	151.10	pPKPbc	09:26:58.349	0.2						T__							m_e
FLT1	150.41	PKPbc	09:24:46.730	-0.4	25.1		2.29			TAS							m_e
GEC2	152.80	PKPbc	09:24:52.423	-0.3	25.1		2.29			TAS							m_e
GUNZ	151.90	PKPbc	09:24:50.797	0.3	25.1		2.29			TAS							m_e
GUNZ	151.90	PKPab	09:25:02.311	0.2	25.1		2.29			TAS							m_e
GUNZ	151.90	pPKPbc	09:26:59.310	0.2						T__							m_e
HLG	149.35	PKPbc	09:24:45.103	0.0	25.1		2.29			TAS							m_e
IBBN	151.17	PKPbc	09:24:49.402	0.3	25.1		2.29			TAS							m_e
KAST	152.09	PKPbc	09:24:50.963	-0.1	25.1		2.29			TAS							m_e
MANZ	152.30	PKPbc	09:24:51.399	-0.0	25.1		2.29			TAS							m_e
MANZ	152.30	pPKPbc	09:27:00.342	0.2						T__							m_e
MOX	151.85	PKPbc	09:24:50.216	-0.1	25.1		2.29			TAS							m_e
MOX	151.85	PKPab	09:25:01.824	0.2	25.1		2.29			TAS							m_e
MOX	151.85	pPKPbc	09:26:59.404	0.2						T__							m_e
NEUB	151.31	PKPbc	09:24:49.303	0.2	25.1		2.29			TAS							m_e
NEUB	151.31	PKPab	09:24:59.547	0.2	25.1		2.29			TAS							m_e
NRDL	150.52	PKPbc	09:24:47.311	-0.1	25.1		2.29			TAS							m_e
ROTZ	152.47	PKPbc	09:24:51.610	-0.2	25.1		2.29			TAS							m_e
ROTZ	152.47	PKPab	09:25:05.128	0.2	25.1		2.29			TAS							m_e
RUE	149.60	PKPbc	09:24:45.336	0.1	25.1		2.29			TAS							m_e
TANN	151.81	PKPbc	09:24:50.325	0.0	25.1		2.29			TAS							m_e
WERD	151.83	PKPbc	09:24:50.099	-0.2	25.1		2.29			TAS							m_e
WERD	151.83	PKPab	09:25:02.037	0.2	25.1		2.29			TAS							m_e
WERD	151.83	pPKPbc	09:26:59.268	0.2						T__							m_e
WERN	151.95	PKPbc	09:24:51.029	0.4	25.1		2.29			TAS							m_e
WERN	151.95	PKPab	09:25:02.788	0.2	25.1		2.29			TAS							m_e
WERN	151.95	pPKPbc	09:26:59.671	0.2						T__							m_e
WLF	154.00	PKPbc	09:24:55.641	0.0	25.1		2.29			TAS							m_e

Event 70524002 Unimak Island, Alaska, United States, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/24	06:35:29.55			54.8400	-164.4500				35.0	1.6		41		71.50	77.77	m i ke	BGR
	70524008																

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	70524008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	74.75		P	06:47:06.064	0.2	357.5		5.77		TAS		17.7	0.66	m_e mb	5.2
AHRW	74.75		pP	06:47:15.713	-0.1	356.7		5.78		TAS				m_e	

ASSE	73.32	P	06:46:58.092	0.0	357.5	5.77	TAS	18.6	1.57	m_e	mb	5.0
BFO	77.02	P	06:47:19.205		357.5	5.77	TAS	13.7	1.20	m_e	mb	5.0
BRG	74.65	P	06:47:05.638	0.0	357.5	5.77	TAS	48.3	2.31	m_e	mb	5.1
BRG	74.65	pP	06:47:15.531	-0.0	356.7	5.78	TAS			m_e		
BSEG	71.50	P	06:46:47.692	-0.0	357.5	5.77	TAS	23.6	1.09	m_e	mb	5.2
BUG	73.87	P	06:47:01.119	-0.2	357.5	5.77	TAS	24.1	1.09	m_e	mb	5.1
BUG	73.87	pP	06:47:11.045	0.1	356.7	5.78	TAS			m_e		
CLL	74.20	P	06:47:02.985	0.0	357.5	5.77	TAS	13.8	1.15	m_e	mb	4.9
CLL	74.20	pP	06:47:13.175	0.2	356.7	5.78	TAS			m_e		
CLZ	73.60	P	06:47:00.224	-0.0	357.5	5.77	TAS	17.6	0.94	m_e	mb	5.1
CLZ	73.60	pP	06:47:10.185	0.3	356.7	5.78	TAS			m_e		
FBE	74.59	P	06:47:05.746	0.0	357.5	5.77	TAS	78.4	2.13	m_e	mb	5.4
FBE	74.59	pP	06:47:15.641	0.1	356.7	5.78	TAS			m_e		
FLT1	73.14	P	06:46:56.580	-0.3	357.5	5.77	TAS	30.6	1.80	m_e	mb	5.1
FLT1	73.14	pP	06:47:07.030	-0.1	356.7	5.78	TAS			m_e		
GEC2	76.68	P	06:47:17.445		357.5	5.77	TAS	8.6	1.00	m_e	mb	4.8
GEC2	76.68	pP	06:47:27.434		356.7	5.78	TAS			m_e		
GRA1	75.78	P	06:47:12.690	-0.1	357.5	5.77	TAS	15.6	1.03	m_e	mb	5.1
GRA1	75.78	L	07:22:09.017				T__	197.6	21.60	a_e		
GRA3	75.71	P	06:47:12.339	0.1	357.5	5.77	TAS	87.3	2.10	m_e	mb	5.5
GRA3	75.71	pP	06:47:22.274		356.7	5.78	TAS			m_e		
GRA4	75.91	P	06:47:13.314	0.1	357.5	5.77	TAS	33.0	1.28	m_e	mb	5.3
GRA4	75.91	pP	06:47:22.987		356.7	5.78	TAS			m_e		
GRB1	76.09	P	06:47:14.326	-0.1	357.5	5.77	TAS	32.6	1.17	m_e	mb	5.3
GRB2	76.21	P	06:47:14.805	-0.1	357.5	5.77	TAS	17.0	1.18	m_e	mb	5.1
GRB2	76.21	pP	06:47:25.035		356.7	5.78	TAS			m_e		
GRB3	76.14	P	06:47:14.689	-0.1	357.5	5.77	TAS	23.6	1.08	m_e	mb	5.2
GRB4	76.01	P	06:47:13.967	-0.1	357.5	5.77	TAS	26.4	0.95	m_e	mb	5.3
GRB5	76.37	P	06:47:15.761	-0.1	357.5	5.77	TAS	12.6	0.85	m_e	mb	5.1
GRC1	76.48	P	06:47:16.327	-0.2	357.5	5.77	TAS	26.0	1.62	m_e	mb	5.1
GRC2	76.61	P	06:47:17.042		357.5	5.77	TAS	22.9	0.89	m_e	mb	5.3
GRC2	76.61	pP	06:47:27.111		356.7	5.78	TAS			m_e		
GRC3	76.59	P	06:47:16.987	-0.2	357.5	5.77	TAS	16.9	0.96	m_e	mb	5.1
GRC3	76.59	pP	06:47:27.070		356.7	5.78	TAS			m_e		
GRC4	76.39	P	06:47:15.858	-0.3	357.5	5.77	TAS	6.9	0.73	m_e	mb	4.9
GTTG	73.88	P	06:47:01.733	0.2	357.5	5.77	TAS	20.8	1.02	m_e	mb	5.1
GUNZ	75.13	P	06:47:08.707	0.3	357.5	5.77	TAS	29.2	1.86	m_e	mb	5.0
GUNZ	75.13	pP	06:47:18.970		356.7	5.78	TAS			m_e		
KAST	74.16	P	06:47:03.086	-0.3	357.5	5.77	TAS	13.6	1.18	m_e	mb	4.9
MANZ	75.51	P	06:47:10.760	0.2	357.5	5.77	TAS	20.2	2.69	m_e	mb	4.8
MOX	74.84	P	06:47:06.957	0.0	357.5	5.77	TAS	15.3	1.31	m_e	mb	4.9
MOX	74.84	pP	06:47:16.822	-0.2	356.7	5.78	TAS			m_e		
MOX	74.84	L	07:26:05.937				T__	252.1	18.90	a_e		
NEUB	74.29	P	06:47:03.788	-0.0	357.5	5.77	TAS	22.1	0.82	m_e	mb	5.2
NEUB	74.29	pP	06:47:13.717	-0.1	356.7	5.78	TAS			m_e		
NRDL	72.94	P	06:46:55.995	0.4	357.5	5.77	TAS	15.0	1.12	m_e	mb	5.0
PLN	75.01	P	06:47:07.912	-0.0	357.5	5.77	TAS	24.7	1.94	m_e	mb	4.9
RETH	72.67	P	06:46:54.514	-0.1	357.5	5.77	TAS	14.5	1.16	m_e	mb	5.0
RJOB	77.77	P	06:47:23.680		357.5	5.77	TAS	8.3	0.93	m_e	mb	4.9

ROTZ	75.73	P	06:47:12.176	0.2	357.5	5.77	TAS	3.1	1.16	m_e	mb	4.3
ROTZ	75.73	pP	06:47:22.374		356.7	5.78	TAS			m_e		
TANN	75.09	P	06:47:08.407	0.1	357.5	5.77	TAS	34.6	1.89	a_e	mb	5.1
TNS	75.14	P	06:47:08.693	0.3	357.5	5.77	TAS	16.3	1.30	m_e	mb	4.9
TNS	75.14	pP	06:47:18.660		356.7	5.78	TAS			m_e		
UBR	77.75	P	06:47:23.536		357.5	5.77	TAS	8.1	0.99	m_e	mb	4.8
WERD	75.05	P	06:47:08.200	-0.1	357.5	5.77	TAS	27.6	1.81	m_e	mb	5.0
WERD	75.05	pP	06:47:18.232		356.7	5.78	TAS			m_e		
WERN	75.21	P	06:47:09.323	0.5	357.5	5.77	TAS	30.9	1.76	m_e	mb	5.0
WERN	75.21	pP	06:47:19.176		356.7	5.78	TAS			m_e		
WET	76.37	P	06:47:15.903	-0.1	357.5	5.77	TAS	18.5	1.61	m_e	mb	5.0
WLF	75.57	P	06:47:11.587	0.2	357.5	5.77	TAS	15.9	0.77	m_e	mb	5.2

Event 70524004 Bougainville - Solomon Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/24	11:05:21.50			-10.0100	161.8000				80.0			22		130.37	135.78	m i ke	EMSC
	70524036																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	134.53		PKPdf	11:24:30.609		42.6		1.83		TAS					m_e
ASSE	131.89		PKiKP	11:24:27.411	0.2	41.8		2.00		TAS					m_e
BFO	135.78		PKPdf	11:24:33.083		42.6		1.83		TAS					m_e
BFO	135.78		PKiKP	11:24:34.901		41.8		2.00		TAS					m_e
BRG	131.45		PKPdf	11:24:25.412	0.1	42.6		1.83		TAS					m_e
BRG	131.45		PKiKP	11:24:26.474	0.0	41.8		2.00		TAS					m_e
BSEG	130.62		PKiKP	11:24:24.876	-0.2	41.8		2.00		TAS					m_e
BUG	133.73		PKiKP	11:24:30.876	-0.1	41.8		2.00		TAS					m_e
CLL	131.55		PKPdf	11:24:25.405	-0.0	42.6		1.83		TAS					m_e
CLL	131.55		PKiKP	11:24:26.402	-0.1	41.8		2.00		TAS					m_e
CLZ	132.23		PKPdf	11:24:27.128	0.1	42.6		1.83		TAS					m_e
CLZ	132.23		PKiKP	11:24:28.333	-0.3	41.8		2.00		TAS					m_e
FBE	131.68		PKPdf	11:24:26.109	0.2	42.6		1.83		TAS					m_e
FBE	131.68		PKiKP	11:24:27.099	-0.1	41.8		2.00		TAS					m_e
FLT1	131.51		PKPdf	11:24:25.273	-0.0	42.6		1.83		TAS					m_e
FLT1	131.51		PKiKP	11:24:26.409	0.3	41.8		2.00		TAS					m_e
GOR1	130.98		PKiKP	11:24:25.554	0.0	41.8		2.00		TAS					m_e
GRA1	133.51		PKiKP	11:24:30.520	-0.2	41.8		2.00		TAS					m_e
GTTG	132.62		PKiKP	11:24:29.042	-0.2	41.8		2.00		TAS					m_e
GUNZ	132.53		PKPdf	11:24:27.581	-0.6	42.6		1.83		TAS					m_e
GUNZ	132.53		PKiKP	11:24:28.786	0.2	41.8		2.00		TAS					m_e
IBBN	132.85		PKiKP	11:24:29.239	0.0	41.8		2.00		TAS					m_e
KAST	133.49		PKPdf	11:24:29.324		42.6		1.83		TAS					m_e
KAST	133.49		PKiKP	11:24:30.573	0.2	41.8		2.00		TAS					m_e

MANZ	132.91	PKPdf	11:24:28.199		42.6	1.83	TAS	m_e
MANZ	132.91	PKiKP	11:24:29.506	-0.0	41.8	2.00	TAS	m_e
MOX	132.63	PKPdf	11:24:27.616	0.6	42.6	1.83	TAS	m_e
MOX	132.63	PKiKP	11:24:28.666	0.1	41.8	2.00	TAS	m_e
NEUB	132.15	PKiKP	11:24:27.691	0.1	41.8	2.00	TAS	m_e
NRDL	131.83	PKiKP	11:24:27.314	-0.2	41.8	2.00	TAS	m_e
PLN	132.52	PKPdf	11:24:27.368	0.1	42.6	1.83	TAS	m_e
PLN	132.52	PKiKP	11:24:28.590	0.2	41.8	2.00	TAS	m_e
RETH	131.92	PKiKP	11:24:27.322	0.1	41.8	2.00	TAS	m_e
RJOB	134.21	PKPdf	11:24:30.373		42.6	1.83	TAS	m_e
RJOB	134.21	PKiKP	11:24:31.576		41.8	2.00	TAS	m_e
ROTZ	133.02	PKPdf	11:24:28.166		42.6	1.83	TAS	m_e
ROTZ	133.02	PKiKP	11:24:29.501	0.1	41.8	2.00	TAS	m_e
RUE	130.37	PKiKP	11:24:24.320	-0.2	41.8	2.00	TAS	m_e
STU	135.08	PKPdf	11:24:32.261		42.6	1.83	TAS	m_e
STU	135.08	PKiKP	11:24:33.732	-0.2	41.8	2.00	TAS	m_e
TANN	132.44	PKPdf	11:24:27.318	0.0	42.6	1.83	TAS	m_e
TANN	132.44	PKiKP	11:24:28.434	0.1	41.8	2.00	TAS	m_e
TNS	134.25	PKPdf	11:24:30.773		42.6	1.83	TAS	m_e
TNS	134.25	PKiKP	11:24:32.157	0.6	41.8	2.00	TAS	m_e
UBR	135.50	PKPdf	11:24:32.655		42.6	1.83	TAS	m_e
UBR	135.50	PKiKP	11:24:34.313		41.8	2.00	TAS	m_e
WERD	132.48	PKPdf	11:24:27.301	-0.1	42.6	1.83	TAS	m_e
WERD	132.48	PKiKP	11:24:28.557	0.3	41.8	2.00	TAS	m_e
WERN	132.57	PKPdf	11:24:27.698	0.2	42.6	1.83	TAS	m_e
WERN	132.57	PKiKP	11:24:28.903	-0.1	41.8	2.00	TAS	m_e
WET	133.17	PKPdf	11:24:28.692		42.6	1.83	TAS	m_e
WET	133.17	PKiKP	11:24:29.925	-0.4	41.8	2.00	TAS	m_e
WLF	135.59	PKPdf	11:24:33.798		42.6	1.83	TAS	m_e
WLF	135.59	PKiKP	11:24:35.468	0.1	41.8	2.00	TAS	m_e

Event 70524006 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/24	16:07:22.43			54.1870	-166.6210				40.0	0.5		33		72.22	78.47	m i ke	BGR
	70524012																

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	70524012
Ms	5.1		BGR	70524012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	74.03		P	16:18:51.953	-0.3	358.7		5.69		TAS		24.0	1.50	m_e	mb 5.0
ASSE	74.03		pP	16:19:03.388	-0.1	359.4		5.79		TAS				m_e	
BFO	77.77		P	16:19:12.923		358.7		5.69		TAS		25.3	1.33	m_e	mb 5.2
BFO	77.77		PcP	16:19:24.454		358.0		5.55		TAS				m_e	

BRG	75.31	P	16:18:59.145	0.0	358.7	5.69	TAS	21.6	1.42	m_e	mb	5.0
BRG	75.31	pP	16:19:10.587	-0.0	359.4	5.79	TAS			m_e		
BSEG	72.22	P	16:18:41.643	-0.1	358.7	5.69	TAS	20.8	1.23	m_e	mb	5.1
BSEG	72.22	pP	16:18:53.019	-0.1	359.4	5.79	TAS			m_e		
BUG	74.62	P	16:18:55.063	-0.0	358.7	5.69	TAS	52.1	1.54	m_e	mb	5.3
CLL	74.88	P	16:18:56.466	0.2	358.7	5.69	TAS	30.6	1.62	m_e	mb	5.1
CLL	74.88	pP	16:19:07.997	-0.1	359.4	5.79	TAS			m_e		
CLZ	74.31	P	16:18:53.928	-0.4	358.7	5.69	TAS	23.9	1.08	m_e	mb	5.1
CLZ	74.31	pP	16:19:05.509	-0.1	359.4	5.79	TAS			m_e		
FBE	75.26	P	16:18:59.215	-0.0	358.7	5.69	TAS	36.6	1.34	m_e	mb	5.2
FBE	75.26	pP	16:19:10.768	0.0	359.4	5.79	TAS			m_e		
FLT1	73.84	P	16:18:50.415	0.2	358.7	5.69	TAS	32.7	1.62	m_e	mb	5.1
FLT1	73.84	pP	16:19:01.845	-0.2	359.4	5.79	TAS			m_e		
FUR	78.01	P	16:19:14.789		358.7	5.69	TAS	79.4	1.56	m_e	mb	5.6
GEC2	77.34	P	16:19:10.754	-0.3	358.7	5.69	TAS	15.5	1.08	m_e	mb	5.1
GEC2	77.34	PcP	16:19:22.266		358.0	5.55	TAS			m_e		
GRA1	76.48	P	16:19:06.302	0.1	358.7	5.69	TAS	39.3	1.30	m_e	mb	5.4
GRA1	76.48	pP	16:19:17.773		359.4	5.79	TAS			m_e		
GRA1	76.48	L	17:23:08.277				T__	1053.2	22.00	a_e	Ms	5.1
GTTG	74.60	P	16:18:55.528	0.0	358.7	5.69	TAS	21.2	0.88	m_e	mb	5.2
GTTG	74.60	pP	16:19:07.037	0.3	359.4	5.79	TAS			m_e		
GUNZ	75.82	P	16:19:02.398	0.3	358.7	5.69	TAS	27.0	1.60	m_e	mb	5.1
GUNZ	75.82	pP	16:19:13.718	0.2	359.4	5.79	TAS			m_e		
IBBN	73.77	P	16:18:50.649	0.3	358.7	5.69	TAS	47.2	1.36	m_e	mb	5.3
IBBN	73.77	pP	16:19:02.071	0.3	359.4	5.79	TAS			m_e		
KAST	74.90	P	16:18:56.955	-0.1	358.7	5.69	TAS	237.6	3.65	m_e	mb	5.6
KAST	74.90	pP	16:19:08.492	-0.1	359.4	5.79	TAS			m_e		
MANZ	76.20	P	16:19:04.336	0.2	358.7	5.69	TAS	6.8	1.66	m_e	mb	4.5
MANZ	76.20	pP	16:19:15.858		359.4	5.79	TAS			m_e		
MOX	75.53	P	16:19:00.601	0.2	358.7	5.69	TAS	15.8	0.71	m_e	mb	5.2
MOX	75.53	pP	16:19:12.036	0.2	359.4	5.79	TAS			m_e		
MOX	75.53	L	17:20:12.915				T__	910.8	21.70	a_e	Ms	5.0
NEUB	74.98	P	16:18:57.431	0.0	358.7	5.69	TAS	54.8	1.64	m_e	mb	5.3
NEUB	74.98	pP	16:19:08.868	0.0	359.4	5.79	TAS			m_e		
NRDL	73.65	P	16:18:49.751	-0.5	358.7	5.69	TAS	10.7	0.93	m_e	mb	4.9
NRDL	73.65	pP	16:19:01.236	-0.1	359.4	5.79	TAS			m_e		
PLN	75.69	P	16:19:01.472	0.0	358.7	5.69	TAS	23.2	1.69	m_e	mb	5.0
PLN	75.69	pP	16:19:12.944	-0.1	359.4	5.79	TAS			m_e		
RETH	73.39	P	16:18:48.390	0.1	358.7	5.69	TAS	36.6	1.57	m_e	mb	5.3
RETH	73.39	pP	16:18:59.911	-0.5	359.4	5.79	TAS			m_e		
RJOB	78.45	P	16:19:16.979		358.7	5.69	TAS	26.8	0.82	m_e	mb	5.4
ROTZ	76.42	P	16:19:05.817	-0.4	358.7	5.69	TAS	7.3	1.58	m_e	mb	4.6
ROTZ	76.42	pP	16:19:17.243		359.4	5.79	TAS			m_e		
RUE	73.71	P	16:18:50.265	-0.1	358.7	5.69	TAS	35.4	0.64	m_e	mb	5.5
STU	77.36	PcP	16:19:22.218		358.0	5.55	TAS			m_e		
TANN	75.77	P	16:19:01.993	-0.0	358.7	5.69	TAS	23.4	1.53	m_e	mb	5.1
TANN	75.77	pP	16:19:13.452	0.0	359.4	5.79	TAS			m_e		
TNS	75.88	P	16:19:02.560	0.2	358.7	5.69	TAS	30.1	1.66	m_e	mb	5.2
TNS	75.88	pP	16:19:13.986		359.4	5.79	TAS			m_e		

UBR	78.47	P	16:19:17.041	358.7	5.69	TAS	25.4	1.26	m_e	mb	5.2
UBR	78.47	PcP	16:19:28.511	358.0	5.55	TAS			m_e		
WERD	75.73	P	16:19:01.750	0.3 358.7	5.69	TAS	18.9	1.56	m_e	mb	5.0
WERD	75.73	pP	16:19:13.266	-0.0 359.4	5.79	TAS			m_e		
WERN	75.90	P	16:19:02.907	0.3 358.7	5.69	TAS	22.4	1.28	m_e	mb	5.1
WERN	75.90	pP	16:19:14.340	359.4	5.79	TAS			m_e		
WET	77.04	P	16:19:09.361	-0.2 358.7	5.69	TAS	29.6	1.56	m_e	mb	5.2
WET	77.04	PcP	16:19:20.758	358.0	5.55	TAS			m_e		
WLF	76.34	P	16:19:05.404	-0.1 358.7	5.69	TAS	31.6	1.39	m_e	mb	5.3
WLF	76.34	pP	16:19:16.901	359.4	5.79	TAS			m_e		

Event 70524007 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/24	16:36:12.33			53.2600	-166.3300			45.9		0.7		36		72.56	79.39	m i ke	BGR
	70524013																

Magnitude	Err	Nsta	Author	OrigID
mb	6.0		BGR	70524013
MBB	6.3		BGR	70524013
Ms	5.1		BGR	70524013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	76.42		P	16:47:56.300	-0.4	358.6		5.69		TAS		419.0	2.18	a_e	MBB	6.4
AHRW	76.42		pP	16:48:09.460	-0.4	358.5		5.70		TAS				a_e		
ASSE	74.95		P	16:47:48.350	-0.1	358.6		5.69		TAS		149.7	1.59	a_e	MBB	6.1
ASSE	74.95		pP	16:48:01.510	-0.0	358.5		5.70		TAS				a_e		
BFO	78.69		P	16:48:09.300	-0.3	358.6		5.69		TAS		103.9	1.40	a_e	MBB	6.1
BRG	76.24		P	16:47:55.500	-0.2	358.6		5.69		TAS		186.6	1.67	a_e	MBB	6.3
BRG	76.24		pP	16:48:08.660	-0.2	358.5		5.70		TAS				a_e		
BSEG	73.14		P	16:47:37.900	-0.2	358.6		5.69		TAS		289.5	1.71	a_e	MBB	6.4
BSEG	73.14		pP	16:47:51.060	-0.1	358.5		5.70		TAS				a_e		
BUG	75.53		P	16:47:51.400	-0.2	358.6		5.69		TAS		279.9	1.67	a_e	MBB	6.4
BUG	75.53		pP	16:48:04.560	-0.2	358.5		5.70		TAS				a_e		
CLL	75.80		P	16:47:52.800	-0.4	358.6		5.69		TAS		140.4	1.55	a_e	MBB	6.3
CLL	75.80		pP	16:48:05.960	-0.4	358.5		5.70		TAS				a_e		
CLZ	75.24		P	16:47:50.250	0.3	358.6		5.69		TAS		282.5	1.65	a_e	MBB	6.3
CLZ	75.24		pP	16:48:03.410	0.3	358.5		5.70		TAS				a_e		
FBE	76.19		P	16:47:55.550	0.1	358.6		5.69		TAS		269.2	1.51	a_e	MBB	6.4
FBE	76.19		pP	16:48:08.760	0.2	358.5		5.70		TAS				a_e		
FLT1	74.76		P	16:47:46.700	-0.6	358.6		5.69		TAS		243.4	1.69	a_e	MBB	6.2
FLT1	74.76		pP	16:47:59.860	-0.6	358.5		5.70		TAS				a_e		
FUR	78.93		P	16:48:10.900	-0.1	358.6		5.69		TAS		250.4	1.54	a_e	MBB	6.4
FUR	78.93		pP	16:48:24.110	-0.1	358.5		5.70		TAS				a_e		
GOR1	74.10		P	16:47:43.750	0.2	358.6		5.69		TAS		463.9	1.53	a_e	MBB	6.6
GOR1	74.10		pP	16:47:56.910	0.2	358.5		5.70		TAS				a_e		

GRA1	77.40	P	16:48:02.750	0.4	358.6	5.69	TAS	377.6	1.54	a_e	MBB	6.6
GRA1	77.40	pP	16:48:15.910	0.4	358.5	5.70	TAS			a_e		
GRA1	77.40	L	17:23:08.260				T__	1053.2	22.00	a_e	Ms	5.1
GTTG	75.52	P	16:47:51.800	0.2	358.6	5.69	TAS	196.8	1.40	a_e	MBB	6.4
GTTG	75.52	pP	16:48:04.960	0.2	358.5	5.70	TAS			a_e		
GUNZ	76.75	P	16:47:58.750	0.2	358.6	5.69	TAS	249.1	1.98	a_e	MBB	6.2
GUNZ	76.75	pP	16:48:11.910	0.2	358.5	5.70	TAS			a_e		
HLG	72.82	P	16:47:36.466	0.3	358.6	5.69	TAS	495.7	1.46	m_e	MBB	6.6
HLG	72.82	pP	16:47:49.416	0.1	358.5	5.70	TAS			m_e		
IBBN	74.69	P	16:47:46.950	0.1	358.6	5.69	TAS	716.1	2.27	a_e	MBB	6.4
IBBN	74.69	pP	16:48:00.110	0.1	358.5	5.70	TAS			a_e		
KAST	75.82	P	16:47:53.450	0.2	358.6	5.69	TAS	175.7	1.78	a_e	MBB	6.3
KAST	75.82	pP	16:48:06.610	0.2	358.5	5.70	TAS			a_e		
MANZ	77.12	P	16:48:00.750	0.0	358.6	5.69	TAS	38.7	1.74	a_e	MBB	5.7
MANZ	77.12	pP	16:48:13.910	0.0	358.5	5.70	TAS			a_e		
MOX	76.46	P	16:47:56.900	-0.0	358.6	5.69	TAS	286.9	1.86	a_e	MBB	6.3
MOX	76.46	pP	16:48:10.110	0.0	358.5	5.70	TAS			a_e		
MOX	76.46	L	17:20:12.927				T__	910.8	21.70	a_e	Ms	5.0
NEUB	75.91	P	16:47:53.700	-0.1	358.6	5.69	TAS	425.8	1.80	a_e	MBB	6.5
NEUB	75.91	pP	16:48:06.860	-0.1	358.5	5.70	TAS			a_e		
NRDL	74.58	P	16:47:46.050	-0.2	358.6	5.69	TAS	373.5	2.16	a_e	MBB	6.2
NRDL	74.58	pP	16:47:59.210	-0.2	358.5	5.70	TAS			a_e		
PLN	76.62	P	16:47:57.900	0.0	358.6	5.69	TAS	143.8	1.71	a_e	MBB	6.3
PLN	76.62	pP	16:48:11.060	0.0	358.5	5.70	TAS			a_e		
RETH	74.31	P	16:47:44.750	0.0	358.6	5.69	TAS	224.7	1.57	a_e	MBB	6.3
RETH	74.31	pP	16:47:57.910	0.0	358.5	5.70	TAS			a_e		
RGN	72.56	P	16:47:34.650	-0.1	358.6	5.69	TAS	595.2	1.64	a_e	MBB	6.6
RGN	72.56	pP	16:47:47.810	-0.1	358.5	5.70	TAS			a_e		
RJOB	79.38	P	16:48:13.350	-0.2	358.6	5.69	TAS	50.3	0.90	a_e	MBB	6.1
RJOB	79.38	pP	16:48:26.510	-0.2	358.5	5.70	TAS			a_e		
ROTZ	77.34	P	16:48:02.150	0.2	358.6	5.69	TAS	119.9	2.43	a_e	MBB	5.8
ROTZ	77.34	pP	16:48:15.310	0.2	358.5	5.70	TAS			a_e		
RUE	74.64	P	16:47:46.450	-0.1	358.6	5.69	TAS	404.1	1.76	a_e	MBB	6.4
RUE	74.64	pP	16:47:59.610	-0.1	358.5	5.70	TAS			a_e		
STU	78.28	P	16:48:07.000	-0.3	358.6	5.69	TAS	299.5	1.37	a_e	MBB	6.6
STU	78.28	pP	16:48:20.160	-0.3	358.5	5.70	TAS			a_e		
TANN	76.70	P	16:47:58.500	0.2	358.6	5.69	TAS	226.2	1.87	a_e	MBB	6.3
TANN	76.70	pP	16:48:11.660	0.2	358.5	5.70	TAS			a_e		
TNS	76.80	P	16:47:58.950	0.1	358.6	5.69	TAS	303.2	2.16	m_e	MBB	6.3
TNS	76.80	pP	16:48:12.110	0.1	358.5	5.70	TAS			m_e		
UBR	79.39	P	16:48:13.450	-0.2	358.6	5.69	TAS	248.1	1.84	a_e	MBB	6.2
UBR	79.39	pP	16:48:26.660	-0.2	358.5	5.70	TAS			a_e		
WERD	76.66	P	16:47:58.200	0.1	358.6	5.69	TAS	206.5	1.88	a_e	MBB	6.2
WERD	76.66	pP	16:48:11.310	0.1	358.5	5.70	TAS			a_e		
WERN	76.82	P	16:47:59.200	0.2	358.6	5.69	TAS	414.6	2.18	a_e	MBB	6.3
WERN	76.82	pP	16:48:12.360	0.2	358.5	5.70	TAS			a_e		
WET	77.97	P	16:48:05.800	0.3	358.6	5.69	TAS	177.4	1.68	a_e	MBB	6.3
WET	77.97	pP	16:48:18.960	0.2	358.5	5.70	TAS			a_e		
WLF	77.25	P	16:48:01.850	0.5	358.6	5.69	TAS	246.8	1.72	a_e	MBB	6.3

WLF 77.25 pP 16:48:15.010 0.5 358.5 5.70 TAS a_e

Event 70525002 Tonga Islands region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2017/05/25 06:02:19.21 -22.4900 -175.6400 120.3 1.0 29 148.28 154.02 m i ke BGR
70525008

Magnitude Err Nsta Author OrigID

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include station data for AHRW, ASSE, BFO, BRG, BSEG, BUG, CLL, CLZ, FBE, FLT1, GOR1, GRA1, GTTG, GUNZ, IBBN, KAST, MANZ, MOX, NEUB.

NRDL	149.72	PKPbc	06:21:54.464	0.0	12.3	2.37	TAS	m_e
PLN	151.40	PKPdf	06:21:52.099		11.7	1.44	TAS	m_e
PLN	151.40	PKPbc	06:21:58.424	0.1	12.3	2.37	TAS	m_e
RETH	149.56	PKPbc	06:21:54.027	-0.3	12.3	2.37	TAS	m_e
RJOB	153.91	PKPab	06:22:16.965		12.8	4.18	TAS	m_e
ROTZ	152.08	PKPbc	06:21:59.997	-0.3	12.3	2.37	TAS	m_e
ROTZ	152.08	PKPab	06:22:08.918		12.8	4.18	TAS	m_e
RUE	149.20	PKPbc	06:21:52.949	0.1	12.3	2.37	TAS	m_e
TANN	151.41	PKPdf	06:21:52.225		11.7	1.44	TAS	m_e
TANN	151.41	PKPbc	06:21:58.628	0.3	12.3	2.37	TAS	m_e
TANN	151.41	PKPab	06:22:06.053		12.8	4.18	TAS	m_e
TNS	152.14	PKPbc	06:22:00.233	0.2	12.3	2.37	TAS	m_e
TNS	152.14	PKPab	06:22:09.099		12.8	4.18	TAS	m_e
WERD	151.41	PKPdf	06:21:52.243		11.7	1.44	TAS	m_e
WERD	151.41	PKPbc	06:21:58.599	0.2	12.3	2.37	TAS	m_e
WERD	151.41	PKPab	06:22:06.035		12.8	4.18	TAS	m_e
WERN	151.55	PKPbc	06:21:59.123	-0.1	12.3	2.37	TAS	m_e
WERN	151.55	PKPab	06:22:06.801		12.8	4.18	TAS	m_e
WERN	151.55	pPKPbc	06:22:31.247				T__	m_e
WET	152.56	PKPdf	06:21:53.781		11.7	1.44	TAS	m_e
WET	152.56	PKPbc	06:22:01.017		12.3	2.37	TAS	m_e
WET	152.56	PKPab	06:22:10.963		12.8	4.18	TAS	m_e
WLF	152.84	PKPbc	06:22:02.260		12.3	2.37	TAS	m_e
WLF	152.84	PKPab	06:22:12.547		12.8	4.18	TAS	m_e

Event 70525005 Luzon, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/25	14:27:05.95			14.7300	121.2600				98.8	8.6		33		88.73	94.29	m i ke	BGR
70525011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	70525011
MBB	5.6		BGR	70525011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	90.62		P	14:39:54.551	0.2	65.4		4.66		TAS		24.8	1.60	m_e	MBB 5.3
BFO	93.63		P	14:40:08.066		65.4		4.66		TAS		27.5	1.65	m_e	MBB 5.4
BRG	89.26		P	14:39:48.088	0.2	65.4		4.66		TAS		56.1	1.72	a_e	MBB 5.5
BRG	89.26		pP	14:40:14.273	0.1	65.0		4.73		TAS				m_e	
BSEG	90.04		P	14:39:51.837	-0.6	65.4		4.66		TAS		25.3	1.15	m_e	MBB 5.5
BUG	92.82		P	14:40:04.588	-0.5	65.4		4.66		TAS		27.9	1.50	a_e	MBB 5.5
CLL	89.63		P	14:39:49.522	0.1	65.4		4.66		TAS		17.9	1.07	m_e	MBB 5.6
CLZ	90.91		P	14:39:56.138	-0.1	65.4		4.66		TAS		43.0	1.41	a_e	MBB 5.7
FBE	89.58		P	14:39:49.898	-0.4	65.4		4.66		TAS		31.3	1.09	m_e	MBB 5.7
FBE	89.58		pP	14:40:16.126	-0.1	65.0		4.73		TAS				m_e	

FLT1	90.22	P	14:39:52.038	-0.0	65.4	4.66	TAS	19.0	1.31	a_e	MBB	5.4
FUR	91.93	P	14:40:00.848	0.0	65.4	4.66	TAS	102.7	1.68	m_e	MBB	6.0
GOR1	89.90	P	14:39:51.295	-0.0	65.4	4.66	TAS	47.0	1.32	m_e	MBB	5.8
GRA1	91.33	P	14:39:58.161	-0.0	65.4	4.66	TAS	59.9	1.80	m_e	mb	5.6
GTTG	91.27	P	14:39:57.688	0.2	65.4	4.66	TAS	35.6	1.37	a_e	MBB	5.7
GUNZ	90.40	P	14:39:53.633	0.1	65.4	4.66	TAS	35.6	1.36	m_e	MBB	5.5
GUNZ	90.40	pP	14:40:19.942		65.0	4.73	TAS				m_e	
IBBN	92.15	P	14:40:01.638	0.2	65.4	4.66	TAS	85.5	2.01	a_e	MBB	5.8
KAST	92.29	P	14:40:02.348	-0.2	65.4	4.66	TAS	19.2	1.27	m_e	MBB	5.5
MANZ	90.68	P	14:39:55.088	-0.1	65.4	4.66	TAS	6.1	1.44	a_e	MBB	5.0
MOX	90.70	P	14:39:54.838	0.2	65.4	4.66	TAS	33.6	1.59	m_e	MBB	5.5
MOX	90.70	pP	14:40:21.242		65.0	4.73	TAS				m_e	
NEUB	90.39	P	14:39:53.320	0.1	65.4	4.66	TAS	49.8	1.40	m_e	MBB	5.7
NRDL	90.78	P	14:39:55.538	0.2	65.4	4.66	TAS	39.5	1.56	a_e	MBB	5.6
PLN	90.45	P	14:39:53.688	0.1	65.4	4.66	TAS	30.9	1.52	a_e	MBB	5.6
RETH	91.08	P	14:39:56.593	-0.2	65.4	4.66	TAS	39.1	1.78	m_e	MBB	5.5
RJOB	91.17	P	14:39:56.927	0.1	65.4	4.66	TAS	18.0	1.11	m_e	MBB	5.5
ROTZ	90.71	P	14:39:55.238	0.3	65.4	4.66	TAS	9.8	1.43	a_e	MBB	5.0
RUE	88.73	P	14:39:45.811	-0.1	65.4	4.66	TAS	112.9	1.75	m_e	mb	5.8
RUE	88.73	pP	14:40:12.011	-0.2	65.0	4.73	TAS				m_e	
STU	92.92	P	14:40:05.241	0.3	65.4	4.66	TAS	102.6	1.49	m_e	mb	6.0
TANN	90.30	P	14:39:53.035	-0.1	65.4	4.66	TAS	29.0	1.57	m_e	MBB	5.5
TANN	90.30	pP	14:40:19.323		65.0	4.73	TAS				m_e	
TNS	92.71	P	14:40:04.538	-0.2	65.4	4.66	TAS	37.4	1.60	a_e	MBB	5.8
UBR	92.85	P	14:40:04.688	-0.0	65.4	4.66	TAS	52.4	1.40	a_e	MBB	5.9
WERD	90.38	P	14:39:53.372	-0.1	65.4	4.66	TAS	30.3	1.50	m_e	MBB	5.3
WERD	90.38	pP	14:40:19.794		65.0	4.73	TAS				m_e	
WERN	90.40	P	14:39:53.662	-0.1	65.4	4.66	TAS	27.8	1.44	m_e	MBB	5.4
WET	90.56	P	14:39:54.421	0.0	65.4	4.66	TAS	23.0	1.25	m_e	MBB	5.6
WET	90.56	pP	14:40:20.774		65.0	4.73	TAS				m_e	
WLF	94.29	P	14:40:11.938		65.4	4.66	TAS	29.2	1.10	a_e	MBB	5.8

Event 70525006 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/25	17:33:25.85			42.7360	144.5210				70.8					79.28	79.28	m i ke	BGR
	70525012																

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	70525012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	79.28		P	17:45:21.432		33.3		4.68		TAS		4.0	0.80	m_e	mb	4.5
GRA1	79.28		pP	17:45:40.926						T__				m_e		

Event 70526002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/26	06:27:33.93			-21.0000	-178.3700				591.1	1.6		32		146.46	152.51	m i ke	BGR
70526008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	148.14		PKPbc	06:46:13.560	-0.2	16.8		2.35		TAS					a_e
BFO	152.21		PKPbc	06:46:22.938		16.8		2.35		TAS					m_e
BFO	152.21		PKPab	06:46:35.486		16.1		4.31		TAS					m_e
BRG	148.65		PKPbc	06:46:14.910	0.2	16.8		2.35		TAS					a_e
BRG	148.65		PKPab	06:46:20.705	0.3	16.1		4.31		TAS					m_e
BRG	148.65		pPKPbc	06:48:30.583						T__					m_e
BSEG	146.46		PKPbc	06:46:09.170	-0.1	16.8		2.35		TAS					m_e
BUG	149.30		PKPbc	06:46:16.258	0.1	16.8		2.35		TAS					m_e
CLL	148.47		PKPbc	06:46:14.343	0.3	16.8		2.35		TAS					m_e
CLL	148.47		PKPab	06:46:19.661	0.1	16.1		4.31		TAS					m_e
CLZ	148.47		PKPbc	06:46:14.708	-0.1	16.8		2.35		TAS					m_e
FBE	148.75		PKPbc	06:46:15.460	0.1	16.8		2.35		TAS					a_e
FBE	148.75		PKPab	06:46:21.369	0.0	16.1		4.31		TAS					m_e
FLT1	147.85		PKPbc	06:46:12.568	0.2	16.8		2.35		TAS					m_e
FLT1	147.85		PKPab	06:46:16.895	-0.1	16.1		4.31		TAS					m_e
FUR	151.81		PKPbc	06:46:22.010		16.8		2.35		TAS					a_e
FUR	151.81		PKPab	06:46:34.282		16.1		4.31		TAS					m_e
GOR1	147.21		PKPbc	06:46:11.250	-0.1	16.8		2.35		TAS					m_e
GRA1	150.37		PKPbc	06:46:19.077	-0.3	16.8		2.35		TAS					m_e
GRA1	150.37		PKPab	06:46:28.328		16.1		4.31		TAS					m_e
GTTG	148.82		PKPbc	06:46:15.430	0.1	16.8		2.35		TAS					m_e
GTTG	148.82		PKPab	06:46:21.431	-0.1	16.1		4.31		TAS					m_e
GUNZ	149.50		PKPbc	06:46:17.192	0.1	16.8		2.35		TAS					m_e
GUNZ	149.50		PKPab	06:46:24.431		16.1		4.31		TAS					m_e
GUNZ	149.50		pPKPbc	06:48:33.227						T__					m_e
IBBN	148.39		PKPbc	06:46:14.260	0.3	16.8		2.35		TAS					a_e
IBBN	148.39		PKPab	06:46:19.534	-0.1	16.1		4.31		TAS					m_e
KAST	149.39		PKPbc	06:46:16.721	-0.1	16.8		2.35		TAS					m_e
MANZ	149.91		PKPbc	06:46:18.076	-0.1	16.8		2.35		TAS					m_e
MOX	149.39		PKPbc	06:46:16.610	0.2	16.8		2.35		TAS					m_e
MOX	149.39		PKPab	06:46:23.560	0.0	16.1		4.31		TAS					m_e
NEUB	148.83		PKPbc	06:46:15.327	0.1	16.8		2.35		TAS					m_e
NEUB	148.83		PKPab	06:46:21.263	0.3	16.1		4.31		TAS					m_e
NRDL	147.88		PKPbc	06:46:12.889	-0.4	16.8		2.35		TAS					m_e
PLN	149.42		PKPbc	06:46:16.797	0.3	16.8		2.35		TAS					m_e
PLN	149.42		PKPab	06:46:23.902	0.0	16.1		4.31		TAS					m_e
RETH	147.76		PKPbc	06:46:12.607	-0.1	16.8		2.35		TAS					m_e
RJOB	151.84		PKPbc	06:46:21.858		16.8		2.35		TAS					m_e

RJOB	151.84	PKPab	06:46:34.779		16.1		4.31		TAS		m_e
ROTZ	150.09	PKPbc	06:46:18.376	0.1	16.8		2.35		TAS		m_e
ROTZ	150.09	PKPab	06:46:26.923		16.1		4.31		TAS		m_e
STU	151.64	PKPbc	06:46:21.894	-0.4	16.8		2.35		TAS		m_e
TANN	149.42	PKPbc	06:46:16.860	0.3	16.8		2.35		TAS		a_e
TANN	149.42	PKPab	06:46:23.960	-0.3	16.1		4.31		TAS		m_e
TANN	149.42	pPKPbc	06:48:33.121						T__		m_e
TNS	150.34	PKPbc	06:46:19.044	0.2	16.8		2.35		TAS		m_e
TNS	150.34	PKPab	06:46:27.657		16.1		4.31		TAS		m_e
UBR	152.51	PKPbc	06:46:23.485		16.8		2.35		TAS		m_e
WERD	149.43	PKPbc	06:46:16.860	0.2	16.8		2.35		TAS		m_e
WERD	149.43	PKPab	06:46:23.979		16.1		4.31		TAS		m_e
WERN	149.56	PKPbc	06:46:17.360	0.4	16.8		2.35		TAS		a_e
WERN	149.56	PKPab	06:46:24.898		16.1		4.31		TAS		m_e
WET	150.52	PKPbc	06:46:19.289	-0.7	16.8		2.35		TAS		m_e
WET	150.52	PKPab	06:46:28.846		16.1		4.31		TAS		m_e
WLF	151.17	PKPbc	06:46:21.342	-0.2	16.8		2.35		TAS		m_e
WLF	151.17	PKPab	06:46:31.643		16.1		4.31		TAS		m_e

Event 70526004 Near coast of Guatemala

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/26	15:23:38.61			13.2040	-90.1120				33.0					87.19	87.23	m i ke	BGR
70526010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	70526010
Ms	4.8		BGR	70526010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	87.23		P	15:36:21.492		279.0		5.23		TAS		11.9	1.30	m_e	mb 4.9
GRA1	87.23		L	16:12:28.116						T__		342.4	19.30	a_e	Ms 4.8
MOX	87.19		L	16:14:53.123						T__		473.8	19.40	a_e	Ms 4.9

Event 70526006 Tajikistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/26	19:09:18.45			39.1250	71.7680				13.1					43.42	43.42	m i ke	BGR
70526012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	70526012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	43.42		P	19:17:19.906		86.2		6.95		TAS		5.5	0.83	m_e	mb 4.3
GRA1	43.42		pP	19:17:23.396		86.6		6.99		TAS				m_e	

Event 70526007 North of Svalbard

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/26	20:51:12.24			82.1200	4.6700				33.0			24		28.36	34.62	m i ke	BGR
OrigID 70526013																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	70526013
Ms	3.3		BGR	70526013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	33.95		P	20:57:52.717		358.8		8.80		TAS		11.6	1.23	m_e	mb 4.7
BRG	31.51		P	20:57:31.079	0.1	358.8		8.80		TAS		15.1	1.26	a_e	mb 4.8
BSEG	28.36		P	20:57:03.785	0.0	358.8		8.80		TAS		23.8	1.81	m_e	mb 4.7
BUG	30.83		P	20:57:24.979	-0.0	358.8		8.80		TAS		9.0	0.93	a_e	mb 4.7
CLL	31.05		P	20:57:26.879	0.1	358.8		8.80		TAS		17.0	1.39	a_e	mb 4.8
CLZ	30.46		P	20:57:22.529	-0.0	358.8		8.80		TAS		12.4	1.27	a_e	mb 4.6
FBE	31.45		P	20:57:30.679	0.2	358.8		8.80		TAS		19.1	1.21	a_e	mb 4.9
FUR	34.16		P	20:57:54.679		358.8		8.80		TAS		36.4	1.62	a_e	mb 5.1
GRA1	32.63		L	21:12:47.730						T__		68.2	18.20	a_e	Ms 3.4
GTTG	30.75		P	20:57:25.079	-0.1	358.8		8.80		TAS		21.1	1.31	a_e	mb 4.9
GUNZ	31.98		P	20:57:35.729	-0.0	358.8		8.80		TAS		23.6	1.49	a_e	mb 4.9
KAST	31.07		P	20:57:27.929	0.1	358.8		8.80		TAS		16.0	1.41	a_e	mb 4.8
MOX	31.68		P	20:57:33.029	0.0	358.8		8.80		TAS		25.6	1.62	a_e	mb 4.9
MOX	31.68		L	21:09:42.084						T__		64.7	22.00	a_e	Ms 3.3
NEUB	31.14		P	20:57:27.929	0.1	358.8		8.80		TAS		14.6	1.04	a_e	mb 4.8
NRDL	29.80		P	20:57:16.629	-0.1	358.8		8.80		TAS		17.2	1.40	a_e	mb 4.7
PLN	31.85		P	20:57:34.529	-0.3	358.8		8.80		TAS		22.8	1.54	a_e	mb 4.9
RETH	29.55		P	20:57:14.329	0.1	358.8		8.80		TAS		16.2	1.33	a_e	mb 4.7
RJOB	34.62		P	20:57:58.775		358.8		8.80		TAS		6.7	1.11	m_e	mb 4.5
ROTZ	32.57		P	20:57:40.929		358.8		8.80		TAS		2.8	1.37	a_e	mb 4.0
STU	33.52		P	20:57:48.879		358.8		8.80		TAS		47.2	1.15	a_e	mb 5.3
TANN	31.93		P	20:57:35.329	-0.3	358.8		8.80		TAS		18.4	1.35	m_e	mb 4.8
TNS	32.06		P	20:57:36.229		358.8		8.80		TAS		12.0	1.38	a_e	mb 4.6
WERD	31.89		P	20:57:34.979	-0.1	358.8		8.80		TAS		20.7	1.41	a_e	mb 4.9
WERN	32.06		P	20:57:36.529		358.8		8.80		TAS		30.3	1.49	a_e	mb 5.0
WET	33.21		P	20:57:46.929		358.8		8.80		TAS		15.1	1.35	a_e	mb 4.7

Event 70527001 Iceland

./2017/bull1705.txt

Thu Apr 23 08:38:25 2020

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/27	09:36:28.60			64.1810	-17.4850				33.0					21.08	21.08	m i ke	BGR
OrigID 70527007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.2		BGR	70527007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	21.08		P	09:41:09.754		322.4		10.81		TAS		23.0	1.70	m_e mb	4.2

Event 70527002 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/27	15:53:23.90			38.7200	27.8300				13.0					16.15	16.15	m i ke	EMSC
OrigID 70527034																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	70527008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	16.15		Pn	15:57:10.238						T__		29.1	1.14	m_e mb	4.3

Event 70527003 Tajikistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/27	22:35:51.17			37.0350	72.0340				33.0					44.81	44.81	m i ke	BGR
OrigID 70527009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	70527009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	44.81		P	22:44:01.122		90.4		6.92		TAS		7.2	0.96	m_e mb	4.6

Event 70528002 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/28	02:50:22.63			38.3400	28.7000				33.0				21	15.69	20.19	m i ke	BGR
OrigID 70528008																	

Magnitude Err Nsta Author OrigID
 mb 4.1 BGR 70528008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	17.82		P	02:54:29.013	0.7	126.0		11.20		TAS		13.8	1.40	m_e	mb 3.9
BRG	16.31		P	02:54:12.351	-0.8	126.0		11.20		TAS		24.3	1.34	m_e	mb 4.2
BSEG	20.04		P	02:54:52.796		126.0		11.20		TAS		33.4	1.75	m_e	mb 4.3
CLL	17.04		P	02:54:20.337	0.0	126.0		11.20		TAS		19.6	1.31	m_e	mb 4.1
FBE	16.62		P	02:54:16.267	-0.1	126.0		11.20		TAS		57.7	1.63	m_e	mb 4.4
FLT1	18.54		P	02:54:36.490	-0.6	126.0		11.20		TAS		29.8	1.70	m_e	mb 4.2
FUR	16.01		P	02:54:08.862	0.7	126.0		11.20		TAS		44.6	1.73	m_e	mb 4.3
GRA1	16.89		P	02:54:18.403	0.4	126.0		11.20		TAS		31.2	1.81	m_e	mb 4.1
GUNZ	16.73		P	02:54:17.193	-0.9	126.0		11.20		TAS		23.1	1.62	m_e	mb 4.1
IBBN	20.19		P	02:54:55.573		126.0		11.20		TAS		51.8	1.88	m_e	mb 4.4
KAST	19.23		P	02:54:45.106		126.0		11.20		TAS		28.5	1.90	m_e	mb 4.2
MANZ	16.61		P	02:54:15.393	1.0	126.0		11.20		TAS		5.8	1.85	m_e	mb 3.4
MOX	17.27		P	02:54:23.601	1.0	126.0		11.20		TAS		48.7	1.66	m_e	mb 4.4
PLN	16.90		P	02:54:18.759	0.3	126.0		11.20		TAS		26.1	1.62	m_e	mb 4.1
ROTZ	16.42		P	02:54:13.217	0.9	126.0		11.20		TAS		2.4	1.51	m_e	mb 3.1
STU	17.52		P	02:54:25.524	-0.1	126.0		11.20		TAS		168.5	2.13	m_e	mb 4.8
TANN	16.70		P	02:54:16.837	-0.2	126.0		11.20		TAS		27.1	1.66	m_e	mb 4.1
TNS	18.68		P	02:54:38.982		126.0		11.20		TAS		33.0	1.93	m_e	mb 4.2
UBR	16.46		P	02:54:13.775	-0.7	126.0		11.20		TAS		47.5	1.53	m_e	mb 4.4
WERD	16.80		P	02:54:17.834	-0.4	126.0		11.20		TAS		25.9	1.68	m_e	mb 4.1
WET	15.69		P	02:54:05.159	-0.0	126.0		11.20		TAS		29.4	1.70	m_e	mb 4.1

Event 70528001 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/28	02:52:57.34			38.5000	28.5000				33.0			25		15.47	19.97	m i ke	BGR

Magnitude Err Nsta Author OrigID
 mb 4.3 BGR 70528007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	17.60		P	02:56:58.147	-0.2	125.9		11.14		TAS		16.0	1.35	m_e	mb 4.0
BRG	16.09		P	02:56:41.652	0.8	125.9		11.14		TAS		49.9	1.60	m_e	mb 4.4
BSEG	19.82		P	02:57:22.189		125.9		11.14		TAS		44.2	1.68	m_e	mb 4.4
BUG	19.73		P	02:57:21.992		125.9		11.14		TAS		32.9	1.52	m_e	mb 4.3
CLZ	18.41		P	02:57:07.402	-0.0	125.9		11.14		TAS		23.8	1.71	a_e	mb 4.0
FBE	16.39		P	02:56:45.352	-0.2	125.9		11.14		TAS		76.3	1.63	a_e	mb 4.6
FLT1	18.32		P	02:57:05.764	0.6	125.9		11.14		TAS		44.0	1.80	m_e	mb 4.3
FUR	15.79		P	02:56:37.852	0.8	125.9		11.14		TAS		112.4	2.36	a_e	mb 4.6
GTTG	18.42		P	02:57:06.112	-0.7	125.9		11.14		TAS		68.3	2.19	m_e	mb 4.4

GUNZ	16.51	P	02:56:46.402	-0.9	125.9	11.14	TAS	19.9	1.53	a_e	mb	4.0
IBBN	19.97	P	02:57:24.867		125.9	11.14	TAS	47.6	1.50	m_e	mb	4.5
KAST	19.00	P	02:57:14.338		125.9	11.14	TAS	14.9	1.41	m_e	mb	4.0
MANZ	16.38	P	02:56:44.538	-0.2	125.9	11.14	TAS	10.8	2.17	m_e	mb	3.6
MOX	17.04	P	02:56:52.852	0.9	125.9	11.14	TAS	75.4	1.64	a_e	mb	4.6
NEUB	17.32	P	02:56:55.402	0.1	125.9	11.14	TAS	85.1	1.92	a_e	mb	4.5
PLN	16.67	P	02:56:48.252	-0.0	125.9	11.14	TAS	16.2	1.32	a_e	mb	4.0
RETH	19.45	P	02:57:18.681		125.9	11.14	TAS	67.6	2.01	m_e	mb	4.5
STU	17.29	P	02:56:54.662	0.1	125.9	11.14	TAS	168.9	1.99	m_e	mb	4.8
TANN	16.48	P	02:56:45.902	-0.2	125.9	11.14	TAS	32.4	1.69	a_e	mb	4.2
UBR	16.24	P	02:56:43.002	0.9	125.9	11.14	TAS	54.9	1.30	a_e	mb	4.5
WERD	16.58	P	02:56:47.002	-0.0	125.9	11.14	TAS	22.0	1.45	a_e	mb	4.1
WERN	16.44	P	02:56:45.469	-0.1	125.9	11.14	TAS	10.2	1.13	m_e	mb	3.9
WET	15.47	P	02:56:34.506	-0.3	125.9	11.14	TAS	21.2	1.40	m_e		
WLF	19.47	P	02:57:19.278		125.9	11.14	TAS	248.9	3.15	m_e		

Event 70528003 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/28	07:06:17.04			51.8730	-176.0850				33.0			32		74.43	80.69	m i ke	BGR
70528009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	70528009
Ms	5.3		BGR	70528009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	77.93		P	07:18:09.066	-0.0	4.6		5.53		TAS		24.7	0.93	a_e	mb	5.3
ASSE	76.22		P	07:18:00.166	0.2	4.6		5.53		TAS		15.9	1.18	a_e	mb	5.0
BFO	80.11		P	07:18:21.416		4.6		5.53		TAS		21.9	1.59	a_e	mb	4.8
BRG	77.28		P	07:18:05.716	0.1	4.6		5.53		TAS		15.2	0.72	a_e	mb	5.2
BSEG	74.43		P	07:17:50.016	-0.2	4.6		5.53		TAS		26.3	0.87	a_e	mb	5.3
BUG	77.02		P	07:18:04.366	-0.1	4.6		5.53		TAS		21.5	1.21	a_e	mb	5.1
CLL	76.91		P	07:18:03.466	-0.2	4.6		5.53		TAS		15.7	0.69	a_e	mb	5.3
CLZ	76.52		P	07:18:02.166	-0.5	4.6		5.53		TAS		31.9	0.98	a_e	mb	5.4
FBE	77.27		P	07:18:06.116	0.1	4.6		5.53		TAS		30.8	1.11	a_e	mb	5.3
FLT1	75.99		P	07:17:58.316	0.3	4.6		5.53		TAS		18.7	0.93	a_e	mb	5.2
FUR	80.15		P	07:18:21.716		4.6		5.53		TAS		19.3	0.90	a_e	mb	5.0
GRA1	78.62		P	07:18:13.916	-0.1	4.6		5.53		TAS		26.9	0.98	a_e	mb	5.2
GRA1	78.62		L	08:30:54.802						T__		1665.7	19.20	a_e	Ms	5.4
GTTG	76.83		P	07:18:03.816	-0.5	4.6		5.53		TAS		30.6	1.07	a_e	mb	5.4
GUNZ	77.89		P	07:18:09.516	0.2	4.6		5.53		TAS		16.7	1.20	a_e	mb	5.0
IBBN	76.14		P	07:17:59.816	0.4	4.6		5.53		TAS		39.9	0.92	a_e	mb	5.5
KAST	77.23		P	07:18:05.866	0.2	4.6		5.53		TAS		12.4	1.13	a_e	mb	4.9
MANZ	78.28		P	07:18:11.516	-0.1	4.6		5.53		TAS		1.8	1.02	a_e	mb	4.1
MOX	77.65		P	07:18:08.066	0.2	4.6		5.53		TAS		15.4	1.02	m_e	mb	5.1

MOX	77.65	L	08:30:27.392							T__	1380.1	18.50	a_e	Ms	5.3
NEUB	77.09	P	07:18:04.916	0.0	4.6	5.53				TAS	36.8	0.93	a_e	mb	5.5
NRDL	75.88	P	07:17:58.066	0.0	4.6	5.53				TAS	20.1	1.15	a_e	mb	5.1
PLN	77.78	P	07:18:08.716	0.1	4.6	5.53				TAS	10.5	1.05	a_e	mb	4.9
RETH	75.66	P	07:17:57.116	-0.5	4.6	5.53				TAS	34.1	1.40	a_e	mb	5.3
RJOB	80.48	P	07:18:23.516		4.6	5.53				TAS	6.8	0.82	a_e	mb	4.7
ROTZ	78.49	P	07:18:12.916	-0.2	4.6	5.53				TAS	4.7	1.46	a_e	mb	4.3
STU	79.63	P	07:18:18.866	-0.2	4.6	5.53				TAS	57.2	1.39	a_e	mb	5.3
TANN	77.83	P	07:18:09.216	-0.0	4.6	5.53				TAS	9.7	1.02	a_e	mb	4.9
TNS	78.21	P	07:18:11.166	0.2	4.6	5.53				TAS	22.6	0.96	a_e	mb	5.3
UBR	80.69	P	07:18:24.546		4.6	5.53				TAS	15.9	1.53	m_e	mb	4.8
WERD	77.81	P	07:18:09.066	0.4	4.6	5.53				TAS	16.7	1.33	a_e	mb	5.0
WERN	77.96	P	07:18:10.016	0.5	4.6	5.53				TAS	19.9	0.88	a_e	mb	5.3
WET	79.07	P	07:18:16.116	-0.3	4.6	5.53				TAS	12.9	1.36	a_e	mb	4.8
WLF	78.82	P	07:18:14.816	0.2	4.6	5.53				TAS	18.3	1.04	a_e	mb	5.0

Event 70528004 Alaska Peninsula, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/28	07:37:15.67		54.3000	-160.6300				33.0				33		71.87	78.19	m i ke	BGR
70528010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	70528010
Ms	5.3		BGR	70528010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	73.69		P	07:48:46.452	0.1	355.1		5.76		TAS		7.2	1.35	a_e	mb	4.5
BFO	77.32		P	07:49:07.152	-0.2	355.1		5.76		TAS		4.5	1.09	a_e	mb	4.5
BRG	75.10		P	07:48:54.502	0.0	355.1		5.76		TAS		9.8	1.20	a_e	mb	4.7
BSEG	71.87		P	07:48:36.002	0.0	355.1		5.76		TAS		11.5	1.17	a_e	mb	4.9
BUG	74.15		P	07:48:48.802	0.1	355.1		5.76		TAS		13.1	1.01	a_e	mb	4.9
CLL	74.63		P	07:48:51.502	-0.2	355.1		5.76		TAS		27.4	1.93	a_e	mb	5.0
CLZ	73.96		P	07:48:48.452	-0.3	355.1		5.76		TAS		18.3	1.18	a_e	mb	5.0
FBE	75.03		P	07:48:54.352	-0.0	355.1		5.76		TAS		15.4	1.08	a_e	mb	5.0
FLT1	73.52		P	07:48:45.002	0.3	355.1		5.76		TAS		12.1	1.33	a_e	mb	4.8
FUR	77.68		P	07:49:09.402		355.1		5.76		TAS		7.2	0.71	a_e	mb	4.9
GOR1	72.87		P	07:48:42.002	-0.2	355.1		5.76		TAS		30.6	1.47	a_e	mb	5.2
GRA1	76.16		P	07:49:01.002	-0.2	355.1		5.76		TAS		37.5	1.91	a_e	mb	5.2
GRA1	76.16		L	08:30:54.782						T__		1665.7	19.20	a_e	Ms	5.4
GTTG	74.23		P	07:48:49.802	-0.4	355.1		5.76		TAS		13.7	1.03	a_e	mb	4.9
GUNZ	75.54		P	07:48:57.452	0.1	355.1		5.76		TAS		7.3	1.35	a_e	mb	4.6
IBBN	73.32		P	07:48:44.452	-0.1	355.1		5.76		TAS		12.3	1.04	a_e	mb	5.0
KAST	74.47		P	07:48:51.052	0.1	355.1		5.76		TAS		16.7	1.51	a_e	mb	4.8
MANZ	75.91		P	07:48:59.402	0.3	355.1		5.76		TAS		5.7	2.03	a_e	mb	4.3
MOX	75.23		P	07:48:55.352	0.1	355.1		5.76		TAS		18.8	1.53	a_e	mb	4.9

MOX	75.23	L	08:30:27.382							T__	1380.1	18.50	a_e	Ms	5.3
NEUB	74.69	P	07:48:52.102	-0.1	355.1		5.76			TAS	18.2	1.04	a_e	mb	5.0
NRDL	73.30	P	07:48:44.102	0.1	355.1		5.76			TAS	12.1	1.08	a_e	mb	5.0
PLN	75.41	P	07:48:56.452	0.3	355.1		5.76			TAS	11.0	1.50	a_e	mb	4.7
RETH	73.01	P	07:48:42.602	-0.1	355.1		5.76			TAS	16.2	1.26	a_e	mb	5.0
RJOB	78.19	P	07:49:12.102		355.1		5.76			TAS	5.3	0.86	a_e	mb	4.7
ROTZ	76.13	P	07:49:00.802	0.3	355.1		5.76			TAS	1.6	1.01	a_e	mb	4.1
RUE	73.49	P	07:48:45.302	-0.6	355.1		5.76			TAS	32.1	1.11	a_e	mb	5.4
STU	76.95	P	07:49:05.002	-0.3	355.1		5.76			TAS	22.8	0.75	a_e	mb	5.4
TANN	75.50	P	07:48:57.152	0.0	355.1		5.76			TAS	9.5	1.43	a_e	mb	4.6
TNS	75.45	P	07:48:56.652	0.5	355.1		5.76			TAS	12.7	1.43	a_e	mb	4.7
UBR	78.09	P	07:49:11.702		355.1		5.76			TAS	6.6	1.20	a_e	mb	4.6
WERD	75.46	P	07:48:56.802	0.3	355.1		5.76			TAS	7.9	1.65	a_e	mb	4.5
WERN	75.62	P	07:48:57.902	0.2	355.1		5.76			TAS	13.3	1.38	a_e	mb	4.9
WET	76.79	P	07:49:04.652	-0.1	355.1		5.76			TAS	12.3	1.48	a_e	mb	4.8
WLF	75.81	P	07:48:59.102	-0.3	355.1		5.76			TAS	17.9	1.22	m_e	mb	5.1

Event 70528005 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/28	11:05:16.33			39.6210	26.9540				33.0			26		13.06	18.34	m i ke	BGR
70528011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.2		BGR	70528011
Ms	3.8		BGR	70528011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	16.83		P	11:09:11.144	0.8	126.2		11.11		TAS		39.8	1.77	m_e	mb	4.3
BFO	15.95		P	11:09:01.857		126.2		11.11		TAS		20.4	1.13	m_e	mb	4.2
BRG	14.49		P	11:08:45.456	-0.1	126.2		11.11		TAS		88.5	1.65	m_e		
BSEG	18.23		P	11:09:25.770	-0.1	126.2		11.11		TAS		71.7	1.62	m_e		
BUG	18.10		P	11:09:25.841	-0.1	126.2		11.11		TAS		48.6	1.54	m_e		
CLL	15.21		P	11:08:53.496	-0.2	126.2		11.11		TAS		37.6	1.22	m_e		
CLZ	16.78		P	11:09:10.851	0.7	126.2		11.11		TAS		69.9	2.05	m_e		
FBE	14.78		P	11:08:49.185	-0.4	126.2		11.11		TAS		119.5	1.61	m_e		
FLT1	16.71		P	11:09:09.469	0.3	126.2		11.11		TAS		59.2	1.64	m_e		
FUR	14.15		P	11:08:41.827		126.2		11.11		TAS		67.3	1.49	m_e		
GRA1	15.03		P	11:08:51.503		126.2		11.11		TAS		87.6	1.95	m_e		
GRA1	15.03		L	11:16:06.473						T__		615.3	19.30	a_e	Ms	3.8
GUNZ	14.88		P	11:08:50.293	-0.1	126.2		11.11		TAS		68.5	1.84	m_e		
IBBN	18.34		P	11:09:28.622	-0.1	126.2		11.11		TAS		67.5	1.44	m_e		
KAST	17.36		P	11:09:18.157	-0.3	126.2		11.11		TAS		35.1	1.55	m_e		
MANZ	14.75		P	11:08:48.416		126.2		11.11		TAS		19.8	2.19	m_e		
MOX	15.41		P	11:08:56.542	-0.7	126.2		11.11		TAS		101.9	1.52	m_e		
MOX	15.41		L	11:18:40.476						T__		687.2	18.00	a_e	Ms	3.9

NEUB	15.70	P	11:08:59.364	-0.1	126.2	11.11	TAS	127.4	1.87	m_e
PLN	15.05	P	11:08:52.107	-0.8	126.2	11.11	TAS	217.3	2.75	m_e
RJOB	13.06	P	11:08:29.931		126.2	11.11	TAS	16.1	1.39	m_e
ROTZ	14.56	P	11:08:46.386		126.2	11.11	TAS	3.8	1.15	m_e
TANN	14.85	P	11:08:49.689	1.0	126.2	11.11	TAS	48.0	1.53	m_e
TNS	16.81	P	11:09:11.841	1.0	126.2	11.11	TAS	47.8	1.76	m_e
UBR	14.60	P	11:08:46.867		126.2	11.11	TAS	85.9	1.17	m_e
WERD	14.95	P	11:08:50.898	-0.7	126.2	11.11	TAS	42.3	1.39	m_e
WERN	14.81	P	11:08:49.185	-0.0	126.2	11.11	TAS	21.8	1.22	m_e
WET	13.83	P	11:08:38.300		126.2	11.11	TAS	36.7	1.17	m_e

Event 70529002 Near east coast of Kamchatka Peninsula, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/29	00:28:35.40			53.4570	159.4380				33.0			26		69.95	75.92	m i ke	BGR
70529008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	70529008
Ms	3.6		BGR	70529008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	75.67		P	00:40:14.795		19.1		5.89		TAS		8.5	1.13	m_e	mb 4.8
BRG	72.07		P	00:39:53.849	0.2	19.1		5.89		TAS		5.4	0.99	m_e	mb 4.6
BSEG	69.95		P	00:39:41.653	0.0	19.1		5.89		TAS		16.6	1.03	m_e	mb 5.1
BUG	72.90		P	00:39:58.782	0.0	19.1		5.89		TAS		11.5	0.96	m_e	mb 5.0
CLL	71.87		P	00:39:52.573	-0.0	19.1		5.89		TAS		14.3	0.84	m_e	mb 5.1
CLZ	71.92		P	00:39:53.708	-0.3	19.1		5.89		TAS		20.6	0.91	m_e	mb 5.3
FLT1	71.28		P	00:39:49.077	-0.4	19.1		5.89		TAS		13.5	0.90	m_e	mb 5.1
FUR	75.21		P	00:40:12.567		19.1		5.89		TAS		9.3	0.94	m_e	mb 4.8
GRA1	73.78		P	00:40:04.768		19.1		5.89		TAS		16.3	0.85	m_e	mb 5.1
GRA1	73.78		L	01:14:55.403						T__		34.4	19.90	a_e	Ms 3.6
GUNZ	72.91		P	00:39:59.196	-0.1	19.1		5.89		TAS		6.1	0.81	m_e	mb 4.8
IBBN	71.98		P	00:39:53.608	-0.1	19.1		5.89		TAS		24.7	1.15	m_e	mb 5.2
KAST	72.91		P	00:39:59.238	0.0	19.1		5.89		TAS		8.6	0.69	m_e	mb 5.0
MANZ	73.31		P	00:40:01.365		19.1		5.89		TAS		1.1	0.95	m_e	mb 4.0
MOX	72.80		P	00:39:58.458	-0.1	19.1		5.89		TAS		7.2	0.95	m_e	mb 4.8
MOX	72.80		L	01:11:15.128						T__		27.7	20.20	a_e	Ms 3.5
NEUB	72.24		P	00:39:54.905	0.0	19.1		5.89		TAS		9.6	0.90	m_e	mb 4.9
NRDL	71.35		P	00:39:49.939	-0.4	19.1		5.89		TAS		11.3	0.90	m_e	mb 5.0
PLN	72.83		P	00:39:58.596	0.5	19.1		5.89		TAS		6.8	0.94	m_e	mb 4.8
RETH	71.27		P	00:39:49.362	0.1	19.1		5.89		TAS		12.9	0.90	m_e	mb 5.1
RJOB	75.28		P	00:40:13.189		19.1		5.89		TAS		5.5	0.88	m_e	mb 4.6
ROTZ	73.50		P	00:40:02.854		19.1		5.89		TAS		1.7	0.88	m_e	mb 4.2
RUE	70.61		P	00:39:45.456	0.5	19.1		5.89		TAS		22.3	1.06	m_e	mb 5.2
TANN	72.83		P	00:39:58.671	-0.5	19.1		5.89		TAS		5.1	1.16	m_e	mb 4.5

UBR	75.92	P	00:40:16.681	19.1	5.89	TAS	7.9	0.98	m_e	mb	4.8
WERD	72.83	P	00:39:58.671	0.3 19.1	5.89	TAS	7.3	0.94	m_e	mb	4.8
WERN	72.97	P	00:39:59.663	0.2 19.1	5.89	TAS	10.0	0.88	m_e	mb	5.0
WET	73.93	P	00:40:05.406	19.1	5.89	TAS	9.3	0.91	m_e	mb	4.8

Event 70529009 Sulawesi, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/29	14:35:23.10			-1.2500	120.4300				12.0							m i ke	EMSC
OrigID 70529041																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.4		BGR	70529015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BEAM			P	14:53:47.044						T__				m_e	
GRA1			Pdiff	14:49:24.566		80.3		3.46		TAS				m_e	
GRA1			PP	14:53:40.421		79.7		5.88		TAS				m_e	
GRA1			L	15:46:15.244						T__	15893.6	21.00		a_e Ms	6.5
MOX			L	15:40:39.559						T__	11041.2	21.30		a_e Ms	6.4

Event 70530001 Kenai Peninsula, Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/30	02:18:45.51			60.9600	-151.5800				89.3	4.7		35		64.22	70.92	m i ke	BGR
OrigID 70530007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	70530007
MBB	5.8		BGR	70530007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	67.54		pP	02:29:55.512	0.2	352.4		6.28		TAS				m_e		
ASSE	66.37		P	02:29:24.649	0.3	351.3		6.30		TAS		71.8	2.05	a_e	MBB	5.6
BFO	69.86		P	02:29:46.549	-0.1	351.3		6.30		TAS		44.2	1.26	a_e	MBB	5.5
BFO	69.86		pP	02:30:09.203		352.4		6.28		TAS				m_e		
BRG	67.91		P	02:29:34.449	0.1	351.3		6.30		TAS		51.9	1.06	a_e	MBB	5.8
BRG	67.91		pP	02:29:57.339	0.3	352.4		6.28		TAS				m_e		
BSEG	64.55		P	02:29:13.099	0.1	351.3		6.30		TAS		35.4	0.87	a_e	MBB	5.7
BUG	66.67		P	02:29:26.399	0.3	351.3		6.30		TAS		55.6	1.05	a_e	MBB	5.9
BUG	66.67		pP	02:29:50.250	-0.1	352.4		6.28		TAS				m_e		
CLL	67.40		P	02:29:30.849	-0.2	351.3		6.30		TAS		51.1	1.19	a_e	MBB	5.8
CLL	67.40		pP	02:29:53.670	0.2	352.4		6.28		TAS				m_e		

CLZ	66.62	P	02:29:26.699	-0.2	351.3	6.30	TAS	70.4	0.67	a_e	MBB	6.1
CLZ	66.62	pP	02:29:49.490	0.3	352.4	6.28	TAS			m_e		
FBE	67.82	P	02:29:33.999	0.0	351.3	6.30	TAS	67.9	1.15	a_e	MBB	5.9
FBE	67.82	pP	02:29:56.850	0.2	352.4	6.28	TAS			m_e		
FLT1	66.23	P	02:29:23.199	0.1	351.3	6.30	TAS	27.1	0.83	a_e	MBB	5.7
FLT1	66.23	pP	02:29:45.999	-0.1	352.4	6.28	TAS			m_e		
FUR	70.35	P	02:29:49.599	-0.3	351.3	6.30	TAS	79.6	0.78	a_e	MBB	6.0
GOR1	65.58	P	02:29:19.899	-0.1	351.3	6.30	TAS	45.7	1.08	a_e	MBB	5.8
GRA1	68.84	P	02:29:40.449	-0.1	351.3	6.30	TAS	40.5	0.76	a_e	MBB	5.8
GRA1	68.84	pP	02:30:03.356		352.4	6.28	TAS			m_e		
GTTG	66.87	P	02:29:28.299	0.0	351.3	6.30	TAS	95.4	0.92	a_e	MBB	6.1
GTTG	66.87	pP	02:29:51.124	-0.1	352.4	6.28	TAS			m_e		
GUNZ	68.28	P	02:29:36.899	0.2	351.3	6.30	TAS	34.3	1.01	a_e	MBB	5.7
GUNZ	68.28	pP	02:29:59.683		352.4	6.28	TAS			m_e		
IBBN	65.88	P	02:29:21.649	-0.1	351.3	6.30	TAS	41.2	0.67	a_e	MBB	6.0
KAST	67.04	P	02:29:28.999	-0.4	351.3	6.30	TAS	75.5	1.83	a_e	MBB	5.6
KAST	67.04	pP	02:29:51.878	-0.1	352.4	6.28	TAS			m_e		
MANZ	68.63	P	02:29:38.949	0.1	351.3	6.30	TAS	5.9	1.00	a_e	MBB	5.0
MANZ	68.63	pP	02:30:01.793		352.4	6.28	TAS			m_e		
MOX	67.93	P	02:29:34.599	0.0	351.3	6.30	TAS	68.3	0.62	m_e	MBB	6.1
MOX	67.93	pP	02:29:57.352	0.0	352.4	6.28	TAS			m_e		
NEUB	67.40	P	02:29:31.099	0.2	351.3	6.30	TAS	70.4	0.74	a_e	MBB	6.1
NEUB	67.40	pP	02:29:53.966	0.2	352.4	6.28	TAS			m_e		
NRDL	65.95	P	02:29:22.049	-0.7	351.3	6.30	TAS	64.3	1.23	a_e	MBB	5.8
NRDL	65.95	pP	02:29:44.549	-0.3	352.4	6.28	TAS			m_e		
PLN	68.14	P	02:29:35.899	0.2	351.3	6.30	TAS	38.0	0.78	a_e	MBB	5.8
PLN	68.14	pP	02:29:58.616	0.1	352.4	6.28	TAS			m_e		
RETH	65.63	P	02:29:19.999	-0.0	351.3	6.30	TAS	24.8	0.76	a_e	MBB	5.8
RGN	64.22	P	02:29:11.199	-0.2	351.3	6.30	TAS	138.7	1.13	a_e	MBB	6.3
RJOB	70.92	P	02:29:53.099		351.3	6.30	TAS	62.1	0.71	a_e	MBB	5.8
ROTZ	68.86	P	02:29:40.549	0.3	351.3	6.30	TAS	10.6	0.87	a_e	MBB	5.2
ROTZ	68.86	pP	02:30:03.288		352.4	6.28	TAS			m_e		
RUE	66.31	P	02:29:24.399	-0.1	351.3	6.30	TAS	161.9	1.06	a_e	MBB	6.3
STU	69.53	P	02:29:44.499	-0.2	351.3	6.30	TAS	62.1	0.91	a_e	MBB	6.0
TANN	68.24	P	02:29:36.749	0.6	351.3	6.30	TAS	40.5	1.16	a_e	MBB	5.7
TANN	68.24	pP	02:29:59.481	-0.6	352.4	6.28	TAS			m_e		
TNS	68.01	P	02:29:35.149	0.0	351.3	6.30	TAS	35.5	0.71	a_e	MBB	5.9
TNS	68.01	pP	02:29:58.077	0.2	352.4	6.28	TAS			m_e		
UBR	70.71	P	02:29:51.949		351.3	6.30	TAS	42.7	0.84	a_e	MBB	5.7
WERD	68.19	P	02:29:36.249	0.1	351.3	6.30	TAS	25.7	0.88	a_e	MBB	5.7
WERD	68.19	pP	02:29:59.170	-0.6	352.4	6.28	TAS			m_e		
WERN	68.36	P	02:29:37.499	0.1	351.3	6.30	TAS	52.9	1.20	a_e	MBB	5.8
WERN	68.36	pP	02:30:00.378		352.4	6.28	TAS			m_e		
WET	69.54	P	02:29:44.999	-0.3	351.3	6.30	TAS	39.6	1.24	a_e	MBB	5.6
WET	69.54	pP	02:30:06.817		352.4	6.28	TAS			m_e		
WLF	68.28	P	02:29:37.199	-0.1	351.3	6.30	TAS	77.4	1.10	a_e	MBB	6.0
WLF	68.28	pP	02:30:00.054		352.4	6.28	TAS			m_e		

Event 70530005 Santa Cruz Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/30	10:24:44.20			-12.1400	167.2300				274.0			20		135.50	139.86	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	135.86		PKiKP	10:43:35.076	0.0	36.1		1.90		TAS					m_e
BFO	139.86		PKiKP	10:43:42.736		36.1		1.90		TAS					m_e
BRG	135.66		PKiKP	10:43:34.665	-0.2	36.1		1.90		TAS					m_e
BUG	137.56		PKiKP	10:43:38.208	0.2	36.1		1.90		TAS					m_e
CLL	135.68		PKiKP	10:43:34.465	0.3	36.1		1.90		TAS					m_e
CLZ	136.20		PKiKP	10:43:36.040	0.1	36.1		1.90		TAS					m_e
FBE	135.85		PKiKP	10:43:35.276	-0.1	36.1		1.90		TAS					m_e
FLT1	135.50		PKiKP	10:43:34.047	-0.1	36.1		1.90		TAS					m_e
GRA1	137.66		PKiKP	10:43:38.253		36.1		1.90		TAS					m_e
GUNZ	136.69		PKiKP	10:43:36.894		36.1		1.90		TAS					m_e
KAST	137.40		PKiKP	10:43:38.165	0.3	36.1		1.90		TAS					m_e
MANZ	137.08		PKiKP	10:43:37.563		36.1		1.90		TAS					m_e
MOX	136.74		PKiKP	10:43:36.675	0.0	36.1		1.90		TAS					m_e
PLN	136.66		PKiKP	10:43:36.636		36.1		1.90		TAS					m_e
RJOB	138.56		PKiKP	10:43:39.993		36.1		1.90		TAS					m_e
ROTZ	137.21		PKiKP	10:43:37.583		36.1		1.90		TAS					m_e
TANN	136.60		PKiKP	10:43:36.557		36.1		1.90		TAS					m_e
TNS	138.22		PKiKP	10:43:39.914		36.1		1.90		TAS					m_e
WERD	136.63		PKiKP	10:43:36.620		36.1		1.90		TAS					m_e
WERN	136.73		PKiKP	10:43:37.045		36.1		1.90		TAS					m_e

Event 70530006 Cyprus region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/30	12:29:29.60			35.5600	31.3200				50.0					20.36	20.36	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
mb	4.2		BGR	70530012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	20.36		P	12:34:01.294		126.4		10.59		TAS		20.4	1.23	m_e mb	4.2
GRA1	20.36		pP	12:34:14.363						T__				m_e	

Event 70530007 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/30	14:57:05.40			-21.5400	-176.5000				194.0				24	147.24	151.56	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
BRG	149.60		PKPbc	15:16:33.263	0.1	15.1		2.50		TAS					a_e
BSEG	147.24		PKPbc	15:16:27.013	0.1	15.1		2.50		TAS					a_e
BUG	150.01		PKPbc	15:16:34.143	0.3	15.1		2.50		TAS					m_e
CLL	149.38		PKPbc	15:16:32.513	-0.0	15.1		2.50		TAS					a_e
CLZ	149.29		PKPbc	15:16:32.613	-0.1	15.1		2.50		TAS					a_e
FBE	149.68		PKPbc	15:16:33.741	0.0	15.1		2.50		TAS					m_e
FLT1	148.69		PKPbc	15:16:30.563	0.1	15.1		2.50		TAS					a_e
GEC2	151.56		PKPbc	15:16:37.731		15.1		2.50		TAS					m_e
GOR1	148.03		PKPbc	15:16:29.213	0.1	15.1		2.50		TAS					a_e
GTTG	149.63		PKPbc	15:16:33.363	-0.0	15.1		2.50		TAS					a_e
GUNZ	150.40		PKPbc	15:16:35.363	-0.5	15.1		2.50		TAS					m_e
IBBN	149.11		PKPbc	15:16:32.199	0.3	15.1		2.50		TAS					m_e
KAST	150.15		PKPbc	15:16:34.568	0.0	15.1		2.50		TAS					m_e
MANZ	150.81		PKPbc	15:16:36.263		15.1		2.50		TAS					a_e
MOX	150.26		PKPbc	15:16:34.813	0.2	15.1		2.50		TAS					a_e
NRDL	148.68		PKPbc	15:16:30.906	0.1	15.1		2.50		TAS					m_e
PLN	150.32		PKPbc	15:16:35.013	-0.1	15.1		2.50		TAS					a_e
RETH	148.53		PKPbc	15:16:30.588	-0.1	15.1		2.50		TAS					m_e
ROTZ	151.00		PKPbc	15:16:36.613		15.1		2.50		TAS					a_e
RUE	148.11		PKPbc	15:16:29.400	-0.3	15.1		2.50		TAS					m_e
TANN	150.33		PKPbc	15:16:35.063	-0.1	15.1		2.50		TAS					a_e
TNS	151.11		PKPbc	15:16:36.843		15.1		2.50		TAS					m_e
WERD	150.33		PKPbc	15:16:35.013	0.1	15.1		2.50		TAS					a_e
WERN	150.47		PKPbc	15:16:35.613		15.1		2.50		TAS					m_e

Event 70530008 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/30	19:59:54.10			-19.1700	176.9900				10.0					147.48	147.48	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
GRA1	147.48		PKPdf	20:19:38.440		25.6		2.01		TAS					m_e

Event 70530009 Near coast of Chiapas, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2017/05/30	21:53:23.35			14.1400	-92.9800				33.0			25		85.48	90.10	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	70530015
Ms	5.2		BGR	70530015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	85.48		P	22:05:57.669	0.3	289.6		4.79		TAS		23.8	1.24	m_e mb	5.3
ASSE	87.14		P	22:06:06.460	-0.1	289.6		4.79		TAS		18.5	1.16	m_e mb	5.1
BFO	86.91		P	22:06:05.728	-0.2	289.6		4.79		TAS		20.1	1.52	m_e mb	5.0
BRG	89.49		P	22:06:17.652		289.6		4.79		TAS		14.3	1.53	m_e mb	5.0
BSEG	86.34		P	22:06:02.606	0.3	289.6		4.79		TAS		34.2	1.07	m_e mb	5.4
CLL	88.78		P	22:06:13.893		289.6		4.79		TAS		6.9	1.18	m_e mb	4.8
CLZ	87.05		P	22:06:06.235	0.1	289.6		4.79		TAS		43.1	1.70	m_e mb	5.3
FBE	89.13		P	22:06:15.857		289.6		4.79		TAS		11.1	1.33	m_e mb	4.9
FLT1	87.40		P	22:06:07.019	0.2	289.6		4.79		TAS		46.5	1.84	m_e mb	5.3
GEC2	90.10		P	22:06:20.113		289.6		4.79		TAS		8.2	1.19	m_e mb	4.8
GRA1	88.28		P	22:06:11.816	0.1	289.6		4.79		TAS		18.8	1.19	m_e mb	5.3
GRA1	88.28		L	22:42:02.475						T__		1007.1	20.20	a_e Ms	5.2
GTTG	86.91		P	22:06:05.445	-0.0	289.6		4.79		TAS		44.2	1.56	m_e mb	5.4
KAST	86.10		P	22:06:00.990	0.2	289.6		4.79		TAS		26.4	1.47	m_e mb	5.2
MANZ	88.72		P	22:06:13.868	-0.3	289.6		4.79		TAS		35.7	4.46	m_e mb	4.9
MOX	88.19		P	22:06:11.322	0.1	289.6		4.79		TAS		22.0	1.92	m_e mb	5.2
MOX	88.19		L	22:46:57.006						T__		876.6	18.10	a_e Ms	5.2
NRDL	86.69		P	22:06:04.430	-0.5	289.6		4.79		TAS		48.3	1.65	m_e mb	5.4
PLN	88.57		P	22:06:13.063	0.1	289.6		4.79		TAS		9.6	1.49	m_e mb	4.8
RJOB	89.94		P	22:06:19.684		289.6		4.79		TAS		11.4	1.85	m_e mb	4.8
ROTZ	88.85		P	22:06:14.649		289.6		4.79		TAS		2.0	1.37	m_e mb	4.2
TANN	88.78		P	22:06:14.123		289.6		4.79		TAS		10.0	1.37	m_e mb	4.9
TNS	86.41		P	22:06:02.899	0.2	289.6		4.79		TAS		26.4	1.09	m_e mb	5.3
UBR	88.25		P	22:06:11.334	0.0	289.6		4.79		TAS		9.0	1.08	m_e mb	5.0
WERD	88.67		P	22:06:13.546	0.0	289.6		4.79		TAS		9.0	1.30	m_e mb	4.8
WERN	88.77		P	22:06:14.347		289.6		4.79		TAS		14.7	1.50	m_e mb	5.0
WET	89.48		P	22:06:17.655		289.6		4.79		TAS		25.3	1.78	m_e mb	5.2

Event 70531003 Guatemala

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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2017/05/31 05:17:28.11
70531009

14.1500 -91.9000

33.0

31

84.28 89.43 m i ke BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	70531009
MBB	5.5		BGR	70531009
Ms	5.1		BGR	70531009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	86.50		P	05:30:08.069	0.1	288.9		4.86		TAS		16.8	1.20	m_e	mb	5.0
BFO	86.22		P	05:30:06.051	0.2	288.9		4.86		TAS		14.4	1.29	m_e	MBB	5.3
BRG	88.85		P	05:30:19.238		288.9		4.86		TAS		161.7	3.57	m_e	MBB	5.5
BSEG	85.73		P	05:30:04.071	-0.0	288.9		4.86		TAS		59.8	1.46	m_e	MBB	5.8
BUG	84.68		P	05:29:58.876	-0.2	288.9		4.86		TAS		19.7	0.91	m_e	mb	5.3
CLL	88.14		P	05:30:15.536	-0.1	288.9		4.86		TAS		17.5	1.75	m_e	MBB	5.6
CLZ	86.41		P	05:30:07.719	0.1	288.9		4.86		TAS		27.9	1.54	m_e	MBB	5.3
FBE	88.48		P	05:30:17.686		288.9		4.86		TAS		12.3	1.20	m_e	mb	5.1
FLT1	86.76		P	05:30:08.786	0.1	288.9		4.86		TAS		29.0	1.33	m_e	mb	5.2
GEC2	89.43		P	05:30:21.945		288.9		4.86		TAS		29.5	1.93	m_e	mb	5.2
GOR1	86.59		P	05:30:08.463	0.1	288.9		4.86		TAS		20.1	0.68	m_e	mb	5.4
GRA1	87.61		P	05:30:13.650	0.0	288.9		4.86		TAS		42.6	1.76	m_e	mb	5.5
GRA1	87.61		L	06:06:01.031						T__		581.3	20.70	a_e	Ms	5.0
GTTG	86.26		P	05:30:06.980	0.2	288.9		4.86		TAS		32.4	1.32	m_e	mb	5.3
GUNZ	88.06		P	05:30:15.515	-0.4	288.9		4.86		TAS		13.9	1.47	m_e	mb	5.1
HLG	84.28		P	05:29:57.056	-0.1	288.9		4.86		TAS		222.6	1.11	m_e	MBB	6.4
IBBN	84.73		P	05:29:59.309	-0.0	288.9		4.86		TAS		52.8	1.49	m_e	mb	5.6
KAST	85.44		P	05:30:02.667	0.2	288.9		4.86		TAS		34.5	1.45	m_e	MBB	5.6
MANZ	88.05		P	05:30:15.536	-0.0	288.9		4.86		TAS		2.1	1.28	m_e	MBB	4.8
MOX	87.54		P	05:30:13.048	-0.1	288.9		4.86		TAS		10.3	1.15	m_e	MBB	5.5
MOX	87.54		L	06:11:31.231						T__		842.2	18.10	a_e	Ms	5.2
NRDL	86.05		P	05:30:05.928	-0.5	288.9		4.86		TAS		26.8	1.18	m_e	MBB	5.6
PLN	87.92		P	05:30:14.728	-0.0	288.9		4.86		TAS		17.2	1.42	m_e	mb	5.2
RETH	85.55		P	05:30:03.483	-0.1	288.9		4.86		TAS		69.6	1.37	m_e	MBB	5.8
ROTZ	88.19		P	05:30:16.342		288.9		4.86		TAS		2.3	1.27	m_e	MBB	5.0
STU	86.64		P	05:30:08.729	-0.4	288.9		4.86		TAS		88.2	1.27	m_e	mb	5.7
TANN	88.12		P	05:30:15.814	0.1	288.9		4.86		TAS		25.9	1.92	m_e	MBB	5.4
TNS	85.74		P	05:30:04.249	0.2	288.9		4.86		TAS		50.3	1.53	m_e	MBB	5.6
UBR	87.55		P	05:30:13.023	0.1	288.9		4.86		TAS		22.6	1.51	m_e	MBB	5.7
WERD	88.02		P	05:30:15.388	0.1	288.9		4.86		TAS		13.8	1.47	m_e	mb	5.1
WERN	88.11		P	05:30:15.850	0.2	288.9		4.86		TAS		20.9	1.60	m_e	mb	5.2
WET	88.81		P	05:30:19.444		288.9		4.86		TAS		24.2	1.69	m_e	MBB	5.5
WLF	84.47		P	05:29:58.303	0.2	288.9		4.86		TAS		41.5	1.64	m_e	mb	5.4

Event 70531005 Mariana Islands

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

OrigID

2017/05/31 06:29:32.10
70531100

19.1000 145.8600

121.0

23

97.86 102.90 m i ke NEIC

Magnitude	Err	Nsta	Author	OrigID											
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	102.90		Pdiff	06:43:14.537	-0.3	43.8		4.58		TAS		38.6	2.00	m_e	
BFO	102.90		PP	06:47:31.280	-0.1	42.3		7.66		TAS				m_e	
BRG	98.55		Pdiff	06:42:54.685		43.8		4.58		TAS		12.1	1.13	m_e	
BRG	98.55		PP	06:46:58.183	0.2	42.3		7.66		TAS				m_e	
BSEG	97.86		Pdiff	06:42:51.980		43.8		4.58		TAS		28.5	1.29	m_e	
BSEG	97.86		PP	06:46:52.909		42.3		7.66		TAS				m_e	
BUG	100.97		PP	06:47:16.373	-0.5	42.3		7.66		TAS				m_e	
CHRS	99.38		Pdiff	06:42:58.807		43.8		4.58		TAS		32.9	1.77	m_e	
CHRS	99.38		PP	06:47:03.991	-0.4	42.3		7.66		TAS				m_e	
CLL	98.66		Pdiff	06:42:55.270		43.8		4.58		TAS		36.4	1.69	m_e	
CLL	98.66		PP	06:46:58.714		42.3		7.66		TAS				m_e	
CLZ	99.40		Pdiff	06:42:59.152		43.8		4.58		TAS		19.2	1.44	m_e	
CLZ	99.40		PP	06:47:04.668	0.3	42.3		7.66		TAS				m_e	
FBE	98.78		Pdiff	06:42:56.339		43.8		4.58		TAS		29.6	1.68	m_e	
FBE	98.78		PP	06:47:00.039	0.1	42.3		7.66		TAS				m_e	
FLT1	98.68		Pdiff	06:42:55.063		43.8		4.58		TAS		13.9	1.10	m_e	
FLT1	98.68		PP	06:46:58.551		42.3		7.66		TAS				m_e	
GEC2	100.08		Pdiff	06:43:01.717	0.3	43.8		4.58		TAS		9.6	1.54	m_e	
GEC2	100.08		PP	06:47:10.180	0.1	42.3		7.66		TAS				m_e	
GOR1	98.16		PP	06:46:55.197		42.3		7.66		TAS				m_e	
GRA1	100.61		PP	06:47:13.968	0.1	42.3		7.66		TAS				m_e	
GUNZ	99.63		Pdiff	06:43:00.026	0.4	43.8		4.58		TAS		28.0	1.92	m_e	
GUNZ	99.63		PP	06:47:06.589	0.0	42.3		7.66		TAS				m_e	
KAST	100.69		PP	06:47:14.640	-0.1	42.3		7.66		TAS				m_e	
MANZ	100.00		Pdiff	06:43:01.717	-0.0	43.8		4.58		TAS		4.2	1.68	m_e	
MANZ	100.00		PP	06:47:09.311	-0.1	42.3		7.66		TAS				m_e	
MOX	99.75		Pdiff	06:43:00.487	-0.5	43.8		4.58		TAS		22.2	1.79	m_e	
MOX	99.75		PP	06:47:07.184	0.0	42.3		7.66		TAS				m_e	
NEUB	99.28		Pdiff	06:42:58.444		43.8		4.58		TAS		13.7	0.80	m_e	
NEUB	99.28		PP	06:47:03.121	-0.2	42.3		7.66		TAS				m_e	
NRDL	99.02		PP	06:47:01.636		42.3		7.66		TAS				m_e	
PLN	99.62		Pdiff	06:42:59.716	0.2	43.8		4.58		TAS		25.7	1.90	m_e	
PLN	99.62		PP	06:47:06.370	0.1	42.3		7.66		TAS				m_e	
POSS	99.56		Pdiff	06:42:59.612	-0.0	43.8		4.58		TAS		12.9	1.14	m_e	
POSS	99.56		PP	06:47:05.212	-0.5	42.3		7.66		TAS				m_e	
RETH	99.14		PP	06:47:02.638		42.3		7.66		TAS				m_e	
ROTZ	100.12		Pdiff	06:43:02.257	0.1	43.8		4.58		TAS		4.4	1.48	m_e	
ROTZ	100.12		PP	06:47:10.314	0.1	42.3		7.66		TAS				m_e	
TANN	99.54		Pdiff	06:42:59.451	-0.2	43.8		4.58		TAS		10.2	1.37	m_e	
TANN	99.54		PP	06:47:05.742	-0.4	42.3		7.66		TAS				m_e	
TNS	101.42		Pdiff	06:43:08.037	0.0	43.8		4.58		TAS		23.9	1.64	m_e	
TNS	101.42		PP	06:47:20.629	0.1	42.3		7.66		TAS				m_e	
UBR	102.59		Pdiff	06:43:13.226	-0.1	43.8		4.58		TAS		10.7	1.48	m_e	

2017/05/31 20:25:26.70 0.32 0.68 51.4850 16.1470 4.4 2.2 17 1.0
70531015

17 199 0.65 3.62 m i k i BGR

Magnitude Err Nsta Author OrigID
ML 4.3 BGR 70531015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.52		Sg	20:26:15.307	0.5					T__				m_e	
BRG	1.52		Pn	20:25:53.262	-0.8					T__				m_e ML	4.2
BRG	1.52		Pg	20:25:55.110	-0.1					T__				m_e	
CLL	1.98		Sg	20:26:28.871	-0.6					T__				m_e	
CLL	1.98		Pn	20:25:59.327	-1.0					T__				m_e ML	4.2
CLL	1.98		Pg	20:26:03.036	-0.9					T__				m_e	
CLZ	3.61		Sg	20:27:22.571	1.2					T__				m_e	
CLZ	3.61		Pn	20:26:23.037	0.7					T__				m_e ML	4.5
CLZ	3.61		Pg	20:26:34.035	-0.7					T__				m_e	
DPC	1.14		Sg	20:26:03.582	0.7					T__				m_e	
DPC	1.14		Pg	20:25:48.258	0.1					T__				m_e ML	4.5
FBE	1.85		Sg	20:26:25.238	-0.1					T__				m_e	
FBE	1.85		Pn	20:25:57.956	-0.6					T__				m_e ML	4.1
FBE	1.85		Pg	20:26:00.738	-0.7					T__				m_e	
GEC2	3.08		Sg	20:27:03.284	-1.0					T__				m_e	
GEC2	3.08		Pn	20:26:15.623	0.5					T__				m_e ML	4.4
GEC2	3.08		Pg	20:26:24.225	-0.4					T__				m_e	
GRA1	3.62		Sg	20:27:22.196	0.8					T__				m_e	
GRA1	3.62		Pn	20:26:23.286	0.9					T__				m_e ML	4.9
KSP	0.65		Sg	20:25:47.458	0.1					T__				m_e	
KSP	0.65		Pg	20:25:39.485	0.6					T__				m_e ML	3.7
MANZ	2.97		Pn	20:26:14.372	0.6					T__				m_e	
MANZ	2.97		Pg	20:26:23.245	0.6					T__				m_e	
MORC	1.93		Sg	20:26:27.841	-0.1					T__				m_e	
MORC	1.93		Pn	20:25:59.777	0.1					T__				m_e ML	4.6
MOX	2.98		Sg	20:27:02.300						T__				m_e	
MOX	2.98		Pn	20:26:13.801	-0.0					T__				m_e ML	4.6
MOX	2.98		Pg	20:26:22.755	-0.1					T__				m_e	
OJC	2.64		Sg	20:26:51.689	1.2					T__				m_e	
OJC	2.64		Pn	20:26:07.895	-1.3					T__				m_e	
OJC	2.64		Pg	20:26:15.700	-0.7					T__				m_e	
OKC	2.08		Sg	20:26:32.242	-0.6					T__				m_e	
OKC	2.08		Pn	20:26:01.267	-0.5					T__				m_e ML	3.9
OKC	2.08		Pg	20:26:06.552	0.6					T__				m_e	
ROTZ	3.04		Sg	20:27:01.785	-1.5					T__				m_e	
ROTZ	3.04		Pn	20:26:14.889	0.2					T__				m_e ML	4.3
ROTZ	3.04		Pg	20:26:23.720	-0.2					T__				m_e	
TANN	2.57		Sg	20:26:47.737	-0.4					T__				m_e	
TANN	2.57		Pn	20:26:08.480	0.2					T__				m_e ML	4.5
TANN	2.57		Pg	20:26:15.608	0.6					T__				m_e	
WERD	2.64		Sg	20:26:49.758	-0.8					T__				m_e	
WERD	2.64		Pn	20:26:09.469	0.2					T__				m_e ML	4.3

WERD	2.64	Pg	20:26:16.955	0.5
WERD	2.64	Sn	20:26:40.209	
WET	3.14	Pn	20:26:16.331	0.3

T__
T__
T__

m_e
m_e
m_e