

MONTHLY BULLETIN of REGIONAL and TELESEISMIC EVENTS RECORDED with GRF- and GRSN-STATIONS in GERMANY
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(produced by SZGRF/BGR - HANNOVER)

January 2013 UPDATED 09.DECEMBER.2013

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

Event 30101003 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/01	07:35:44.100			45.3500	149.3970				33.0					78.59	78.59	m i ke	BGR
OrigID 30101009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	30101009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	78.59		P	07:47:41.877		27.5		4.79		TAS		12.8	1.05	m_e mb	4.9

Event 30101002 Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/01	09:19:09.76			27.1380	127.5900				33.0					84.95	84.95	m i ke	BGR
OrigID 30101008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	30101008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	84.95		P	09:31:40.792		60.2		4.73		TAS		9.6	0.93	m_e mb	5.0

Event 30102004 Fiji Islands region

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Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/02	08:19:27.50			-17.0000	-176.9300				10.0					146.73	146.73	m i ke	GFZ

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	146.73		PKP	08:39:09.902		14.3		2.02		TAS				m_e	

Event 30102003 Nepal-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/02	17:42:20.52			28.9810	80.8730				33.0					55.64	55.64	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	30102009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	55.64		P	17:51:52.657		91.8		6.32		TAS		11.5	1.07	m_e mb	4.8

Event 30103004 Crete, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/03	08:39:12.56			34.1850	25.2420				33.0					16.98	22.38	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	30103010
Ms	3.5		BGR	30103010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	18.95		L	08:52:22.683						T__		154.1	18.10	a_e Ms	3.4
BSEG	22.38		P	08:44:05.767		148.3		11.37		TAS		70.1	1.54	m_e mb	4.9
CLZ	20.66		P	08:43:48.593		148.3		11.37		TAS		29.0	1.34	m_e mb	4.4
FLT1	20.74		P	08:43:49.327		148.3		11.37		TAS		33.4	0.75	m_e mb	4.8
FUR	17.44		L	08:51:13.041						T__		381.1	19.20	a_e Ms	3.7
GEC2	16.98		P	08:43:09.477		148.3		11.37		TAS		25.9	0.80	m_e mb	4.4
GEC2	16.98		L	08:51:00.717						T__		273.4	20.70	a_e Ms	3.5
GRA1	18.63		P	08:43:27.780		148.3		11.37		TAS		59.4	1.16	m_e mb	4.7
GRA1	18.63		L	08:52:21.129						T__		200.8	19.40	a_e Ms	3.4
GTTG	20.58		P	08:43:48.633		148.3		11.37		TAS		109.5	1.10	m_e mb	5.1

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GUNZ	18.73	P	08:43:28.669	148.3	11.37	TAS	25.2	1.49	m_e	mb	4.2
MOX	19.23	L	08:52:20.051			T__	321.9	18.40	a_e	Ms	3.7
RETH	21.75	P	08:44:01.070	148.3	11.37	TAS	52.3	1.01	m_e	mb	4.9
TANN	18.73	P	08:43:28.351	148.3	11.37	TAS	55.9	1.15	m_e	mb	4.7
TNS	20.21	L	08:52:19.665			T__	155.2	19.00	a_e	Ms	3.4
WET	17.53	P	08:43:15.199	148.3	11.37	TAS	42.6	1.20	m_e	mb	4.5
WET	17.53	L	08:51:28.220			T__	314.5	21.30	a_e	Ms	3.5

Event 30104004 Sicily, Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/04	07:50:06.70			37.9300	14.7900				10.0					10.54	13.10	m i ke	NEIC
OrigID 30104043																	

Magnitude	Err	Nsta	Author	OrigID
Ms	2.9		BGR	30104010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	11.41		L	07:56:33.679						T__		87.4	19.80	a_e	Ms	2.7
FUR	10.54		L	07:57:12.411						T__		233.0	18.10	a_e	Ms	3.1
GEC2	10.94		L	07:57:23.157						T__		203.3	19.50	a_e	Ms	3.0
GRA1	12.04		Pn	07:53:00.349						T__				m_e		
GRA1	12.04		L	07:59:03.306						T__		77.2	18.40	a_e	Ms	2.7
MOX	12.91		L	07:58:34.530						T__		119.5	21.60	a_e	Ms	2.9
TNS	13.10		L	07:57:52.720						T__		107.0	20.70	a_e	Ms	2.9
WET	11.29		L	07:57:35.431						T__		229.7	18.50	a_e	Ms	3.1

Event 30104005 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2013/01/04	13:13:44.44			-16.3150	-173.3790				33.0					13	142.35	148.25	m i ke	BGR
OrigID 30104011																		

Magnitude	Err	Nsta	Author	OrigID
Ms	4.9		BGR	30104011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	148.04		PKPbc	13:33:28.233		8.0		3.01		TAS				m_e		
BFO	148.04		L	14:38:21.116						T__		176.3	20.80	a_e	Ms	4.8
BRG	145.03		PKPbc	13:33:18.966		8.0		3.01		TAS				m_e		
BSEG	142.35		L	14:25:19.317						T__		155.8	20.70	a_e	Ms	4.8
FBE	145.06		PKPbc	13:33:19.187		8.0		3.01		TAS				m_e		
FUR	148.01		PKPbc	13:33:28.452		8.0		3.01		TAS				m_e		

FUR	148.01	L	14:43:57.178						T__	241.5	20.80	a_e	Ms	5.0
GEC2	147.04	PKPbc	13:33:25.607	8.0	3.01				TAS			m_e		
GEC2	147.04	L	14:38:06.047						T__	269.1	21.30	a_e	Ms	5.0
GRA1	146.50	PKPbc	13:33:24.987	8.0	3.01				TAS			m_e		
GRA1	146.50	L	14:42:37.799						T__	190.8	21.40	a_e	Ms	4.8
GUNZ	145.73	PKPbc	13:33:21.740	8.0	3.01				TAS			m_e		
MOX	145.52	PKPbc	13:33:20.701	8.0	3.01				TAS			m_e		
MOX	145.52	L	14:31:55.136						T__	252.5	18.90	a_e	Ms	5.0
PLN	145.62	PKPbc	13:33:21.149	8.0	3.01				TAS			m_e		
RJOB	148.25	PKPbc	13:33:28.963	8.0	3.01				TAS			m_e		
ROTZ	146.33	PKPbc	13:33:23.583	8.0	3.01				TAS			m_e		
TANN	145.66	PKPbc	13:33:21.360	8.0	3.01				TAS			m_e		
TNS	146.15	L	14:41:13.696						T__	194.7	20.80	a_e	Ms	4.9
WERN	145.80	PKPbc	13:33:21.978	8.0	3.01				TAS			m_e		
WET	146.86	L	14:37:08.254						T__	240.2	21.40	a_e	Ms	4.9

Event 30104006 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/04	23:16:25.49			-21.4080	169.7190				33.0			23		143.94	149.27	m i ke	BGR
OrigID 30104012																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.7		BGR	30104012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	145.30		PKPbc	23:35:54.512	0.5	38.8		2.90		TAS				m_e		
BFO	149.27		PKPbc	23:36:05.825		38.8		2.90		TAS				m_e		
BFO	149.27		L	00:31:27.489						T__	135.5	22.00		a_e	Ms	4.7
BRG	145.00		PKPbc	23:35:53.705	-0.2	38.8		2.90		TAS				m_e		
BSEG	143.94		L	00:39:07.292						T__	171.9	21.60		a_e	Ms	4.8
CLL	145.06		PKPbc	23:35:53.568	-0.1	38.8		2.90		TAS				m_e		
CLZ	145.65		PKPbc	23:35:56.003	0.4	38.8		2.90		TAS				m_e		
FBE	145.21		PKPbc	23:35:54.592	0.3	38.8		2.90		TAS				m_e		
FLT1	144.94		PKPbc	23:35:52.955	-0.1	38.8		2.90		TAS				m_e		
FUR	148.19		L	00:39:57.167						T__	125.5	19.00		a_e	Ms	4.7
GEC2	146.60		PKPbc	23:35:58.897		38.8		2.90		TAS				m_e		
GEC2	146.60		L	00:38:29.781						T__	192.1	21.40		a_e	Ms	4.8
GRA1	147.03		L	00:42:24.064						T__	117.4	19.90		a_e	Ms	4.7
GTTG	146.03		PKPbc	23:35:57.273	0.1	38.8		2.90		TAS				m_e		
GUNZ	146.06		PKPbc	23:35:57.450	0.3	38.8		2.90		TAS				m_e		
IBBN	146.15		PKPbc	23:35:57.273	-0.2	38.8		2.90		TAS				m_e		
MANZ	146.44		PKPbc	23:35:58.473	0.3	38.8		2.90		TAS				m_e		
MOX	146.13		PKPbc	23:35:57.296	0.2	38.8		2.90		TAS				m_e		
MOX	146.13		L	00:35:59.107						T__	139.2	21.00		a_e	Ms	4.7
NEUB	145.64		PKPbc	23:35:55.862	0.1	38.8		2.90		TAS				m_e		

NRDL	145.21	PKPbc	23:35:54.089	0.1	38.8	2.90	TAS	m_e										
PLN	146.03	PKPbc	23:35:57.097	0.1	38.8	2.90	TAS	m_e										
RETH	145.26	PKPbc	23:35:54.309	0.2	38.8	2.90	TAS	m_e										
ROTZ	146.57	PKPbc	23:35:58.861	-0.5	38.8	2.90	TAS	m_e										
TANN	145.97	PKPbc	23:35:57.062	0.5	38.8	2.90	TAS	m_e										
TNS	147.67	PKPbc	23:36:01.825		38.8	2.90	TAS	m_e										
TNS	147.67	L	00:36:40.980				T__		168.7	20.90	a_e	Ms	4.8					
UBR	149.06	PKPbc	23:36:05.405		38.8	2.90	TAS	a_e										
WERN	146.10	PKPbc	23:35:57.697	0.2	38.8	2.90	TAS	m_e										
WET	146.75	PKPbc	23:35:59.496		38.8	2.90	TAS	m_e										
WET	146.75	L	00:39:49.010				T__		105.6	19.40	a_e	Ms	4.6					

Event 30105004 Mid-Indian Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/05	04:00:41.05			-14.5020	66.7490				33.0			22		78.59	83.12	m i ke	BGR
OrigID 30105010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	30105010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	81.19		P	04:12:54.958	0.7	126.0		5.35		TAS		68.4	2.22	m_e mb	5.3
BRG	79.72		P	04:12:47.471	0.3	126.0		5.35		TAS		68.4	1.95	m_e mb	5.2
CLL	80.46		P	04:12:50.763	-0.0	126.0		5.35		TAS		43.8	1.84	m_e mb	5.1
CLZ	82.09		P	04:13:00.023		126.0		5.35		TAS		105.0	2.27	m_e mb	5.6
FBE	80.04		P	04:12:49.425	0.7	126.0		5.35		TAS		101.6	2.21	m_e mb	5.4
FLT1	81.95		P	04:12:58.917	-1.7	126.0		5.35		TAS		82.0	1.87	m_e mb	5.5
FUR	79.47		P	04:12:45.678	0.3	126.0		5.35		TAS		258.9	2.25	m_e mb	5.9
GEC2	78.59		P	04:12:40.112	-0.6	126.0		5.35		TAS		42.2	2.13	m_e mb	5.1
GRA1	80.40		P	04:12:50.676	0.3	126.0		5.35		TAS		96.8	1.94	m_e mb	5.4
GTTG	82.13		P	04:13:00.772		126.0		5.35		TAS		124.7	1.91	m_e mb	5.7
GUNZ	80.22		P	04:12:50.228	-0.1	126.0		5.35		TAS		51.9	1.88	m_e mb	5.1
MOX	80.76		P	04:12:53.033	0.0	126.0		5.35		TAS		53.1	2.05	m_e mb	5.2
NRDL	82.60		P	04:13:02.873		126.0		5.35		TAS				m_e	
PLN	80.38		P	04:12:50.656	-0.3	126.0		5.35		TAS		58.4	2.24	m_e mb	5.1
RETH	83.12		P	04:13:03.621		126.0		5.35		TAS				m_e	
ROTZ	79.93		P	04:12:47.819	0.6	126.0		5.35		TAS		92.7	2.42	m_e mb	5.3
STU	80.96		P	04:12:53.707	-0.1	126.0		5.35		TAS		63.7	1.92	m_e mb	5.3
TANN	80.19		P	04:12:49.907	-0.0	126.0		5.35		TAS		84.1	1.99	m_e mb	5.3
UBBA	81.69		P	04:12:58.114	0.3	126.0		5.35		TAS		76.1	2.26	m_e mb	5.4
UBR	79.84		P	04:12:48.006	-0.4	126.0		5.35		TAS				m_e	
WERN	80.15		P	04:12:50.121	0.4	126.0		5.35		TAS		51.1	1.80	m_e mb	5.2
WET	79.20		P	04:12:43.751	-0.1	126.0		5.35		TAS		47.2	2.14	m_e mb	5.1

Event 30105005 Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/05	04:11:49.84			27.4210	129.3430				33.0					83.43	87.96	m i ke	BGR
OrigID 30105011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	30105011
Ms	5.1		BGR	30105011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	87.96		L	05:07:36.152						T__		743.8	18.60	a_e	Ms 5.1
BSEG	83.43		L	05:02:07.753						T__		375.3	21.30	a_e	Ms 4.7
GEC2	84.85		L	05:04:55.179						T__		800.4	18.30	a_e	Ms 5.1
GRA1	85.63		P	04:24:24.215		60.7		5.13		TAS		40.7	1.68	m_e	mb 5.3
GRA1	85.63		L	05:06:00.004						T__		755.6	18.20	a_e	Ms 5.1
MOX	84.84		L	05:05:35.263						T__		628.7	18.10	a_e	Ms 5.0
TNS	86.68		L	05:06:13.765						T__		721.1	18.60	a_e	Ms 5.1
WET	85.11		L	05:04:31.895						T__		701.8	18.30	a_e	Ms 5.1

Event 30105006 Eastern Arabian Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/05	05:59:14.17			24.5790	52.1140				33.0					39.19	40.56	m i ke	BGR
OrigID 30105012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	30105012
Ms	3.5		BGR	30105012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	40.40		L	06:27:42.810						T__		66.6	20.00	a_e	Ms 3.5
GRA2	40.31		P	06:06:48.344		113.2		8.27		TAS		7.7	0.81	m_e	mb 4.4
MOX	40.56		L	06:28:43.901						T__		93.6	18.60	a_e	Ms 3.7
WET	39.19		L	06:26:16.306						T__		64.5	21.00	a_e	Ms 3.4

Event 30105007 Off coast of southeastern Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/05	08:58:27.36			56.1210	-136.4450				33.0				34	66.97	73.36	m i ke	BGR
OrigID 30105013																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.8		BGR	30105013
MBB	7.4		BGR	30105013
Ms	8.0		BGR	30105013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	69.48		P	09:09:30.842	-0.1	341.6		6.08		TAS		866.4	1.62	m_e	MBB	7.4
ASSE	68.75		P	09:09:26.385	0.3	341.6		6.08		TAS		1008.9	1.40	m_e	MBB	7.4
BFO	71.84		P	09:09:44.931	0.0	341.6		6.08		TAS		978.5	1.62	m_e	MBB	7.3
BFO	71.84		L	09:40:51.450						T__		812214.0	21.80	a_e	Ms	8.0
BRG	70.58		P	09:09:37.488	-0.2	341.6		6.08		TAS		1162.3	1.55	m_e	MBB	7.3
BSEG	66.97		P	09:09:15.282	0.1	341.6		6.08		TAS		3289.7	2.04	m_e	MBB	7.5
BSEG	66.97		L	09:37:45.932						T__		1003170.0	21.70	a_e	Ms	8.0
BUG	68.68		P	09:09:25.445	-0.6	341.6		6.08		TAS		1374.6	1.64	m_e	MBB	7.4
CLL	69.99		P	09:09:33.778	0.1	341.6		6.08		TAS		1578.2	2.13	m_e	MBB	7.3
CLZ	68.96		P	09:09:27.926	0.3	341.6		6.08		TAS		1576.0	1.40	m_e	MBB	7.5
FBE	70.43		P	09:09:36.880	0.1	341.6		6.08		TAS		1611.2	1.78	m_e	mb	6.9
FLT1	68.67		P	09:09:25.267	0.0	341.6		6.08		TAS		1195.1	1.52	m_e	MBB	7.4
FUR	72.64		P	09:09:50.111	0.1	341.6		6.08		TAS		1704.9	1.74	m_e	mb	6.9
FUR	72.64		L	09:44:14.570						T__		807954.0	18.50	a_e	Ms	8.0
GEC2	72.48		P	09:09:49.266	0.1	341.6		6.08		TAS		806.4	1.50	m_e	MBB	7.2
GEC2	72.48		L	09:41:26.110						T__		943892.0	22.00	a_e	Ms	8.0
GOR1	68.06		P	09:09:22.495	-0.1	341.6		6.08		TAS		4127.0	1.95	m_e	MBB	7.6
GRA1	71.18		P	09:09:41.184	-0.0	341.6		6.08		TAS		733.8	1.24	m_e	mb	6.7
GRA1	71.18		L	09:42:32.688						T__		943031.0	19.30	a_e	Ms	8.1
GTTG	69.16		P	09:09:29.218	0.1	341.6		6.08		TAS		1577.1	1.28	m_e	MBB	7.6
GTTG	69.16		S	09:18:46.092						T__				m_e		
GUNZ	70.76		P	09:09:38.358	-0.0	341.6		6.08		TAS		989.3	1.93	m_e	mb	6.6
IBBN	67.98		P	09:09:21.708	0.3	341.6		6.08		TAS		2369.2	1.66	m_e	MBB	7.5
MANZ	71.08		P	09:09:40.426	0.1	341.6		6.08		TAS		7974.8	1.79	m_e	MBB	8.2
MOX	70.35		P	09:09:35.718	0.4	341.6		6.08		TAS		810.7	1.58	m_e	MBB	7.3
MOX	70.35		L	09:40:01.028						T__		700877.0	22.00	a_e	Ms	7.9
NEUB	69.86		P	09:09:32.990	0.4	341.6		6.08		TAS		1634.8	1.54	m_e	MBB	7.3
NRDL	68.29		P	09:09:23.430	-0.5	341.6		6.08		TAS		860.1	1.29	m_e	MBB	7.4
PLN	70.61		P	09:09:37.381	-0.0	341.6		6.08		TAS		521.2	1.46	m_e	MBB	7.2
RETH	67.91		P	09:09:21.327	0.1	341.6		6.08		TAS		1302.1	1.47	m_e	MBB	7.5
RJOB	73.36		P	09:09:53.979		341.6		6.08		TAS		355.5	1.07	m_e	MBB	7.3
ROTZ	71.30		P	09:09:41.851	-0.1	341.6		6.08		TAS		795.9	1.73	m_e	MBB	7.2
RUE	69.02		P	09:09:28.166	0.4	341.6		6.08		TAS		1986.9	1.69	m_e	MBB	7.5
STU	71.62		P	09:09:43.587	-0.1	341.6		6.08		TAS		482.7	1.49	m_e	MBB	7.2
TANN	70.74		P	09:09:38.368	-0.2	341.6		6.08		TAS		1226.5	1.63	m_e	MBB	7.5
TNS	70.08		P	09:09:34.572	-0.3	341.6		6.08		TAS		1117.2	1.87	m_e	MBB	7.3
TNS	70.08		L	09:40:26.254						T__		1051770.0	21.30	a_e	Ms	8.1
UBBA	69.85		P	09:09:32.955	-0.1	341.6		6.08		TAS		1966.2	2.07	m_e	MBB	7.3
UBR	72.85		P	09:09:51.286	-0.4	341.6		6.08		TAS		1556.1	1.75	m_e	MBB	7.3
WERN	70.84		P	09:09:39.027	-0.1	341.6		6.08		TAS		819.4	1.63	m_e	mb	6.6
WET	72.03		P	09:09:46.304	0.3	341.6		6.08		TAS		869.7	1.62	m_e	MBB	7.2
WET	72.03		L	09:45:20.611						T__		762410.0	18.20	a_e	Ms	8.0

WLF 70.08 P 09:09:34.746 -0.1 341.6 6.08 TAS 2807.3 1.79 m_e MBB 7.7

Event 30105008 Southeastern Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/05	12:28:38.39			55.4340	-134.9480				33.0					71.50	71.50	m i ke	BGR
OrigID 30105014																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	30105014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	71.50		P	12:39:54.166		346.0		5.50		TAS		58.8	2.10	m_e mb	5.3

Event 30105009 Mid-Indian Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/05	17:42:31.95			-19.5560	67.5370				33.0					85.03	85.42	m i ke	BGR
OrigID 30105015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	30105015
Ms	4.5		BGR	30105015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	85.03		P	17:55:05.665		127.3		6.00		TAS		26.7	1.35	m_e mb	5.3
GRA1	85.03		L	18:30:09.265						T__		230.3	21.00	a_e Ms	4.5
MOX	85.42		L	18:32:58.485						T__		205.7	19.90	a_e Ms	4.5

Event 30105010 Sakhalin Island, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/05	22:05:01.23			48.2600	142.4390				33.0				14	70.43	73.75	m i ke	BGR
OrigID 30105016																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	30105016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	71.82		P	22:16:18.770	0.0	31.5		5.89		TAS		3.9	0.61	m_e mb	4.7

BSEG	70.43	P	22:16:11.072	0.4	31.5	5.89	TAS	17.2	0.87	m_e	mb	5.2
CLL	71.78	P	22:16:18.496	-0.2	31.5	5.89	TAS	21.6	0.81	m_e	mb	5.3
CLZ	72.20	P	22:16:21.399	-0.0	31.5	5.89	TAS	13.5	0.78	m_e	mb	5.1
FBE	71.98	P	22:16:20.289	-0.2	31.5	5.89	TAS	9.8	0.87	m_e	mb	5.0
FLT1	71.50	P	22:16:16.681	-0.3	31.5	5.89	TAS	17.6	0.88	m_e	mb	5.2
GRA1	73.75	P	22:16:30.601		31.5	5.89	TAS	13.2	0.76	m_e	mb	5.0
GTTG	72.59	P	22:16:23.486	0.2	31.5	5.89	TAS	23.0	1.02	m_e	mb	5.3
IBBN	72.62	P	22:16:23.283	0.2	31.5	5.89	TAS	21.9	1.11	m_e	mb	5.2
MOX	72.81	P	22:16:24.586		31.5	5.89	TAS	11.3	1.35	m_e	mb	4.8
NRDL	71.73	P	22:16:18.383	0.2	31.5	5.89	TAS	7.3	0.92	m_e	mb	4.8
PLN	72.76	P	22:16:24.510		31.5	5.89	TAS	6.3	1.23	m_e	mb	4.6
RETH	71.75	P	22:16:18.478	-0.2	31.5	5.89	TAS	19.1	1.10	m_e	mb	5.1
WET	73.65	P	22:16:29.909		31.5	5.89	TAS	8.9	1.13	m_e	mb	4.7

Event 30106006 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/06	16:28:18.40			-26.1700	178.3900				618.5					154.50	154.50	m i ke	NEIC
OrigID 30106060																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	154.50		PKPab	16:47:28.937		27.6		3.72		TAS					m_e

Event 30106007 Near coast of Chiapas, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/06	18:24:45.47			15.9000	-93.1500				33.0					85.01	88.85	m i ke	BGR
OrigID 30106013																	

Magnitude Err Nsta Author OrigID

mb	5.4		BGR	30106013
Ms	4.5		BGR	30106013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	85.70		L	19:11:42.277						T__		236.7	19.30	a_e	Ms	4.6
BSEG	85.01		L	19:10:01.097						T__		173.3	21.30	a_e	Ms	4.4
FUR	87.61		L	19:14:20.646						T__		220.7	18.70	a_e	Ms	4.6
GEC2	88.85		L	19:16:15.386						T__		232.6	19.10	a_e	Ms	4.6
GRA1	87.02		P	18:37:27.215		284.8		5.28		TAS		61.5	2.09	m_e	mb	5.4
GRA1	87.02		L	19:15:13.976						T__		209.8	20.60	a_e	Ms	4.5
MOX	86.92		L	19:11:12.715						T__		181.7	21.50	a_e	Ms	4.4

TNS	85.16	L	19:10:18.223	T__	240.7	20.50	a_e	Ms	4.6
WET	88.23	L	19:15:47.532	T__	241.3	21.50	a_e	Ms	4.6

Event 30106008 East of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/06	19:39:06.84			46.0990	154.4690				33.0			17		75.78	81.41	m i ke	BGR
OrigID 30106014																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	30106014
Ms	4.3		BGR	30106014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	77.33		P	19:50:56.498	0.1	26.0		4.77		TAS		49.4	1.86	m_e	mb 5.3
BFO	81.41		L	20:23:05.099						T__		141.1	19.10	a_e	Ms 4.3
BRG	77.57		P	19:50:57.484	-0.1	26.0		4.77		TAS		12.0	1.24	m_e	mb 4.9
BSEG	75.78		P	19:50:47.518	-0.1	26.0		4.77		TAS				m_e	
BSEG	75.78		L	20:26:11.402						T__		193.1	21.00	a_e	Ms 4.4
CLL	77.44		P	19:50:56.428	0.3	26.0		4.77		TAS		34.1	1.19	m_e	mb 5.4
CLZ	77.67		P	19:50:58.577	0.2	26.0		4.77		TAS		34.9	1.20	m_e	mb 5.4
FBE	77.69		P	19:50:58.407	-0.1	26.0		4.77		TAS		21.2	1.19	m_e	mb 5.2
FLT1	77.00		P	19:50:53.986	0.1	26.0		4.77		TAS		19.3	1.08	m_e	mb 5.2
FUR	80.77		L	20:25:06.423						T__		137.5	21.10	a_e	Ms 4.3
GEC2	79.45		L	20:29:50.715						T__		124.8	18.60	a_e	Ms 4.3
GRA1	79.39		P	19:51:08.114		26.0		4.77		TAS		38.8	1.36	m_e	mb 5.3
GRA1	79.39		L	20:25:21.201						T__		101.0	19.90	a_e	Ms 4.2
MANZ	78.88		P	19:51:05.015		26.0		4.77		TAS		89.6	1.19	m_e	mb 5.7
MOX	78.42		P	19:51:02.400		26.0		4.77		TAS		20.1	1.28	m_e	mb 5.1
MOX	78.42		L	20:23:41.773						T__		108.8	21.40	a_e	Ms 4.2
RETH	77.11		P	19:50:55.401	-0.5	26.0		4.77		TAS				m_e	
ROTZ	79.05		P	19:51:06.196		26.0		4.77		TAS		14.7	1.22	m_e	mb 4.9
RUE	76.18		P	19:50:50.162	0.4	26.0		4.77		TAS				m_e	
TANN	78.40		P	19:51:02.248	0.1	26.0		4.77		TAS		35.5	1.68	m_e	mb 5.2
TNS	79.64		L	20:27:54.439						T__		158.5	21.50	a_e	Ms 4.3
UBBA	78.70		P	19:51:03.896		26.0		4.77		TAS		21.4	1.48	m_e	mb 5.0
WERN	78.54		P	19:51:03.366		26.0		4.77		TAS		17.7	1.14	m_e	mb 5.0
WET	79.42		P	19:51:08.340		26.0		4.77		TAS		16.6	1.32	m_e	mb 4.9
WET	79.42		L	20:27:07.585						T__		193.7	18.80	a_e	Ms 4.5

Event 30107004 Off east coast of Honshu, Japan

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

2013/01/07 13:53:51.85 38.8390 143.6300 33.0 17 79.23 84.57 m i ke BGR 30107010

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 30107010
Ms 4.3 BGR 30107010

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

Event 30108004 Hokkaido, Japan, region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2013/01/08 07:51:35.85 41.0930 142.5770 33.0 32 76.80 82.20 m i ke BGR
30108010

Magnitude Err Nsta Author OrigID
mb 5.4 BGR 30108010
Ms 5.0 BGR 30108010

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

ASSE	78.21	P	08:03:30.393	0.1	35.1	5.42	TAS	41.5	1.36	a_e	mb	5.4
BFO	82.20	P	08:03:51.693		35.1	5.42	TAS	37.4	1.21	a_e	mb	5.4
BRG	78.02	P	08:03:29.193	-0.5	35.1	5.42	TAS	35.9	1.36	a_e	mb	5.3
BSEG	76.85	P	08:03:23.093	0.3	35.1	5.42	TAS	45.5	1.11	a_e	mb	5.5
BUG	79.96	P	08:03:39.693	0.3	35.1	5.42	TAS	38.3	1.18	a_e	mb	5.2
CLL	78.03	P	08:03:28.993	-0.5	35.1	5.42	TAS	41.5	1.14	a_e	mb	5.5
CLZ	78.55	P	08:03:32.593	0.0	35.1	5.42	TAS	52.6	1.29	a_e	mb	5.4
FBE	78.21	P	08:03:30.493	0.0	35.1	5.42	TAS	47.1	1.20	a_e	mb	5.5
FLT1	77.84	P	08:03:27.893	0.1	35.1	5.42	TAS	49.3	1.14	a_e	mb	5.5
FUR	81.24	P	08:03:46.843	-0.4	35.1	5.42	TAS	63.4	1.03	a_e	mb	5.6
GEC2	79.74	P	08:03:38.543	0.3	35.1	5.42	TAS	21.4	1.15	a_e	mb	5.0
GOR1	77.28	P	08:03:25.693	-0.2	35.1	5.42	TAS	69.7	1.16	a_e	mb	5.7
GRA1	80.00	P	08:03:40.593	0.0	35.1	5.42	TAS	77.0	1.18	a_e	mb	5.5
GRA1	80.00	L	08:41:44.451				T__	734.7	21.90	a_e	Ms	5.0
GTTG	78.94	P	08:03:34.443	-0.2	35.1	5.42	TAS	56.8	1.16	a_e	mb	5.5
GUNZ	79.04	P	08:03:35.093	-0.0	35.1	5.42	TAS	33.4	1.40	a_e	mb	5.2
IBBN	79.07	P	08:03:34.993	-0.1	35.1	5.42	TAS	43.2	1.09	a_e	mb	5.4
MANZ	79.43	P	08:03:37.193	-0.2	35.1	5.42	TAS			a_e		
MOX	79.08	P	08:03:35.143	0.1	35.1	5.42	TAS	32.3	1.34	m_e	mb	5.2
MOX	79.08	L	08:41:37.177				T__	938.4	21.20	a_e	Ms	5.1
NEUB	78.58	P	08:03:32.093	0.3	35.1	5.42	TAS	40.6	1.07	a_e	mb	5.4
NRDL	78.11	P	08:03:29.893	-0.3	35.1	5.42	TAS	29.6	1.33	a_e	mb	5.2
PLN	79.01	P	08:03:34.793	0.2	35.1	5.42	TAS	25.9	1.29	a_e	mb	5.1
RETH	78.16	P	08:03:30.243	0.0	35.1	5.42	TAS	55.2	1.32	a_e	mb	5.5
RJOB	80.99	P	08:03:45.743	0.1	35.1	5.42	TAS	37.3	1.12	a_e	mb	5.3
RUE	76.80	P	08:03:22.693	0.1	35.1	5.42	TAS	113.1	1.72	a_e	mb	5.7
STU	81.52	P	08:03:47.993	-0.4	35.1	5.42	TAS	52.9	1.12	a_e	mb	5.6
TANN	78.95	P	08:03:34.493	0.1	35.1	5.42	TAS	47.7	1.41	a_e	mb	5.3
TNS	80.57	P	08:03:43.243	0.0	35.1	5.42	TAS	35.2	1.44	a_e	mb	5.2
UBBA	79.53	P	08:03:37.343	0.0	35.1	5.42	TAS	29.7	1.55	a_e	mb	5.0
WERN	79.09	P	08:03:35.393	0.1	35.1	5.42	TAS	22.0	1.12	a_e	mb	5.1
WET	79.82	P	08:03:39.443	0.4	35.1	5.42	TAS	36.9	1.16	a_e	mb	5.2
WLF	81.84	P	08:03:50.193		35.1	5.42	TAS			a_e		

Event 30108005 Tajikistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/08	10:47:51.34			40.5260	71.8260				33.0					42.68	42.68	m i ke	BGR
	30108011																

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	30108011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	42.68		P	10:55:44.073		85.3		6.91		TAS		22.0	1.43	m_e	mb	4.7

Event 30108006 Aegean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/08	14:15:54.96			38.9080	25.8940				33.0			31		12.98	18.41	m i ke	BGR
OrigID 30108012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	30108012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	17.66		Pn	14:20:05.728	0.3					T__		201.5	1.20	m_e	mb	5.1
ASSE	16.94		Pn	14:19:55.643	-0.1					T__		931.8	2.25	m_e	mb	5.5
BFO	15.79		Pn	14:19:41.137	-1.0					T__		205.6	0.77	m_e	mb	5.3
BRG	14.63		Pn	14:19:25.055	0.7					T__		1794.8	2.83	m_e		
BSEG	18.41		Pn	14:20:13.469						T__		1083.8	1.62	m_e		
BUG	18.08		Pn	14:20:10.835	-0.1					T__		935.3	1.85	m_e		
CLL	15.35		Pn	14:19:34.685	0.6					T__		479.0	1.62	m_e		
CLZ	16.87		Pn	14:19:55.529	0.4					T__		362.8	1.46	m_e		
FBE	14.91		Pn	14:19:29.000	0.6					T__		344.5	1.47	m_e		
FLT1	16.84		Pn	14:19:54.271	0.2					T__		3162.2	2.95	m_e		
FUR	14.05		Pn	14:19:17.770	0.0					T__		321.7	1.15	m_e		
GEC2	13.25		Pn	14:19:07.842	0.1					T__		1005.2	2.27	m_e		
GOR1	17.31		Pn	14:20:00.519	-0.9					T__		1210.0	1.48	m_e		
GRA1	15.02		Pn	14:19:30.136	-1.2					T__		572.2	1.71	m_e		
GTTG	16.85		Pn	14:19:55.433	-0.1					T__		632.0	1.30	m_e		
GUNZ	14.95		Pn	14:19:29.208	-0.8					T__		129.7	0.97	m_e		
IBBN	18.38		Pn	14:20:15.524	-0.2					T__		817.4	1.59	m_e		
MANZ	14.79		Pn	14:19:27.541	-0.6					T__				m_e		
MOX	15.47		Pn	14:19:36.347	-0.7					T__		299.6	1.28	m_e		
NEUB	15.79		Pn	14:19:40.991	0.2					T__		410.9	1.11	m_e		
NRDL	17.44		Pn	14:20:02.747	1.4					T__		688.3	1.66	m_e		
PLN	15.12		Pn	14:19:31.382	-0.8					T__		172.2	0.98	m_e		
RETH	17.94		Pn	14:20:09.244	1.9					T__				m_e		
RJOB	12.98		Pn	14:19:03.974	0.4					T__		347.4	1.26	m_e		
STU	15.54		Pn	14:19:37.053	0.2					T__		560.8	0.80	m_e		
TANN	14.93		Pn	14:19:28.844	-0.8					T__		372.7	1.49	m_e		
TNS	16.76		Pn	14:19:53.272	-0.1					T__		540.8	1.13	m_e		
UBBA	16.35		Pn	14:19:47.988	-0.9					T__		1297.0	2.81	m_e		
UBR	14.44		Pn	14:19:23.595	1.7					T__		363.3	1.09	m_e		
WERN	14.88		Pn	14:19:28.336	-0.7					T__		213.7	0.95	m_e		
WET	13.85		Pn	14:19:15.471	-0.3					T__		369.3	1.52	m_e		

Event 30108010 Fox Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/08	18:55:45.87			53.5010	-171.3970				33.0			26		74.13	79.19	m i ke	BGR
OrigID 30108016																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	30108016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	76.32		P	19:07:29.250	0.2	1.6		5.64		TAS		19.0	1.24	m_e	mb 5.1
ASSE	74.73		P	19:07:20.169	0.0	1.6		5.64		TAS		20.7	1.47	m_e	mb 4.9
BFO	78.55		P	19:07:41.437		1.6		5.64		TAS		34.7	1.85	m_e	mb 5.1
BRG	75.90		P	19:07:26.860	0.0	1.6		5.64		TAS		20.1	1.17	m_e	mb 5.1
CLL	75.50		P	19:07:24.231	-0.1	1.6		5.64		TAS		16.4	1.14	m_e	mb 5.0
CLZ	75.02		P	19:07:22.320	-0.1	1.6		5.64		TAS		17.6	1.04	m_e	mb 5.0
FBE	75.88		P	19:07:26.779	0.2	1.6		5.64		TAS		31.9	1.25	m_e	mb 5.3
FLT1	74.52		P	19:07:18.726	-0.4	1.6		5.64		TAS		20.3	1.34	m_e	mb 5.0
FUR	78.69		P	19:07:42.471		1.6		5.64		TAS		23.5	1.27	m_e	mb 5.1
GEC2	77.94		P	19:07:38.490		1.6		5.64		TAS		16.2	1.15	m_e	mb 5.0
GRA1	77.16		P	19:07:34.587		1.6		5.64		TAS		35.6	1.19	m_e	mb 5.4
GTTG	75.32		P	19:07:23.850	0.0	1.6		5.64		TAS		30.1	1.02	m_e	mb 5.3
IBBN	74.56		P	19:07:19.372	-0.1	1.6		5.64		TAS		33.2	1.06	m_e	mb 5.3
MANZ	76.85		P	19:07:32.356	-0.2	1.6		5.64		TAS				m_e	
MOX	76.20		P	19:07:28.613	0.6	1.6		5.64		TAS		15.4	1.14	m_e	mb 5.0
NEUB	75.64		P	19:07:25.347	0.2	1.6		5.64		TAS		28.3	1.15	m_e	mb 5.3
NRDL	74.37		P	19:07:18.153	0.2	1.6		5.64		TAS		16.6	1.17	m_e	mb 5.0
PLN	76.34		P	19:07:29.320	0.2	1.6		5.64		TAS		8.9	1.15	m_e	mb 4.8
RETH	74.13		P	19:07:16.935	-0.1	1.6		5.64		TAS		18.6	1.13	m_e	mb 5.0
RJOB	79.08		P	19:07:44.816		1.6		5.64		TAS		8.6	0.87	m_e	mb 4.8
TANN	76.41		P	19:07:30.017	0.1	1.6		5.64		TAS		47.6	1.91	m_e	mb 5.3
TNS	76.65		P	19:07:31.162	-0.0	1.6		5.64		TAS		15.3	1.08	m_e	mb 5.1
UBR	79.19		P	19:07:45.261		1.6		5.64		TAS		203.8	3.23	m_e	mb 5.6
WERN	76.54		P	19:07:30.742	-0.2	1.6		5.64		TAS		12.2	1.15	m_e	mb 4.9
WET	77.67		P	19:07:37.136		1.6		5.64		TAS		9.2	1.08	m_e	mb 4.8
WLF	77.19		P	19:07:34.283		1.6		5.64		TAS				m_e	

Event 30109001 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/09	00:17:58.80			48.3300	151.8500				33.0			23		74.25	78.66	m i ke	BGR
OrigID 30109007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	30109007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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AHRW	76.96	P	00:29:48.504	-0.1	25.9	5.69	TAS	13.8	1.09	m_e	mb	5.0
ASSE	74.58	P	00:29:34.920	-0.0	25.9	5.69	TAS	6.5	0.92	m_e	mb	4.6
BFO	78.66	P	00:29:57.714		25.9	5.69	TAS	13.4	0.99	m_e	mb	4.9
BUG	76.09	P	00:29:43.471	-0.1	25.9	5.69	TAS	14.3	0.96	m_e	mb	5.1
CLL	74.67	P	00:29:35.101	0.1	25.9	5.69	TAS	14.6	0.71	m_e	mb	5.1
CLZ	74.92	P	00:29:37.307	0.0	25.9	5.69	TAS	11.8	0.92	m_e	mb	4.9
FBE	74.92	P	00:29:36.820	0.1	25.9	5.69	TAS	9.5	0.96	m_e	mb	4.8
FLT1	74.25	P	00:29:32.682	-0.2	25.9	5.69	TAS	11.3	0.89	m_e	mb	4.9
FUR	77.99	P	00:29:54.324		25.9	5.69	TAS			m_e		
GEC2	76.66	P	00:29:46.605		25.9	5.69	TAS	5.3	0.83	m_e	mb	4.7
GRA1	76.63	P	00:29:46.944		25.9	5.69	TAS	17.3	0.73	m_e	mb	5.3
GTTG	75.30	P	00:29:39.238	0.0	25.9	5.69	TAS	17.6	1.14	m_e	mb	5.0
GUNZ	75.71	P	00:29:41.520	0.2	25.9	5.69	TAS	7.0	0.83	m_e	mb	4.8
IBBN	75.17	P	00:29:38.461	-0.1	25.9	5.69	TAS	12.9	0.92	m_e	mb	4.9
MANZ	76.11	P	00:29:43.612		25.9	5.69	TAS			m_e		
MOX	75.66	P	00:29:41.077	0.3	25.9	5.69	TAS	8.9	1.04	m_e	mb	4.8
PLN	75.65	P	00:29:41.046	-0.5	25.9	5.69	TAS	6.1	1.08	m_e	mb	4.6
RJOB	77.92	P	00:29:54.098		25.9	5.69	TAS	7.2	0.94	m_e	mb	4.8
TANN	75.62	P	00:29:40.834	-0.0	25.9	5.69	TAS	5.5	0.87	m_e	mb	4.7
TNS	76.90	P	00:29:48.307		25.9	5.69	TAS	7.9	0.65	m_e	mb	5.0
UBBA	75.95	P	00:29:42.527	0.3	25.9	5.69	TAS	16.1	1.61	m_e	mb	4.9
WERN	75.76	P	00:29:41.859		25.9	5.69	TAS	7.8	0.79	m_e	mb	4.9
WET	76.64	P	00:29:47.012		25.9	5.69	TAS	11.7	0.97	m_e	mb	5.0

Event 30109002 Myanmar-India border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/09	01:41:55.65			25.1400	94.4400				96.4	0.9		18		64.86	70.20	m i ke	BGR
30109008																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.3		BGR	30109008
MBB	6.5		BGR	30109008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	69.40		P	01:52:53.180	0.3	78.3		6.29		TAS		454.2	2.16	m_e	MBB	6.4
AHRW	69.40		pP	01:53:17.495	-0.1	78.3		6.33		TAS				a_e		
ASSE	66.84		P	01:52:36.829	-0.2	78.3		6.29		TAS		296.6	1.76	m_e	MBB	6.4
ASSE	66.84		pP	01:53:00.995	-0.3	78.3		6.33		TAS				a_e		
BFO	69.16		P	01:52:51.204	-0.0	78.3		6.29		TAS		251.9	1.89	m_e	MBB	6.3
BFO	69.16		pP	01:53:15.645	-0.4	78.3		6.33		TAS				a_e		
BRG	65.06		P	01:52:25.778	-0.1	78.3		6.29		TAS		258.8	1.43	m_e	MBB	6.5
BRG	65.06		pP	01:52:49.895	-0.2	78.3		6.33		TAS				a_e		
BRG	65.06		sP	01:53:00.880	-0.3	77.2		6.39		TAS				m_e		
BSEG	66.70		P	01:52:36.376	0.4	78.3		6.29		TAS		347.4	1.19	m_e	MBB	6.7
BSEG	66.70		pP	01:53:00.595	0.4	78.3		6.33		TAS				a_e		

BUG	69.05	P	01:52:50.844	-0.5	78.3	6.29	TAS	297.8	1.51	m_e	MBB	6.5
BUG	69.05	pP	01:53:15.145	-0.2	78.3	6.33	TAS			a_e		
CLL	65.57	P	01:52:28.653	-0.5	78.3	6.29	TAS	116.1	1.09	m_e	MBB	6.3
CLL	65.57	pP	01:52:52.795	-0.5	78.3	6.33	TAS			a_e		
CLL	65.57	sP	01:53:03.888	0.1	77.2	6.39	TAS			m_e		
CLZ	67.08	P	01:52:38.715	0.1	78.3	6.29	TAS	535.4	1.67	m_e	MBB	6.6
CLZ	67.08	pP	01:53:02.945	0.1	78.3	6.33	TAS			a_e		
CLZ	67.08	sP	01:53:13.916		77.2	6.39	TAS			m_e		
FBE	65.42	P	01:52:28.383	0.2	78.3	6.29	TAS	438.0	1.38	m_e	MBB	6.6
FBE	65.42	pP	01:52:52.545	0.2	78.3	6.33	TAS			a_e		
FBE	65.42	sP	01:53:03.542	0.1	77.2	6.39	TAS			m_e		
FLT1	66.46	P	01:52:33.954	-0.7	78.3	6.29	TAS	287.9	1.45	m_e	MBB	6.5
FLT1	66.46	pP	01:52:58.195	-0.7	78.3	6.33	TAS			a_e		
FLT1	66.46	sP	01:53:09.254	0.1	77.2	6.39	TAS			m_e		
FUR	67.29	P	01:52:40.063	0.2	78.3	6.29	TAS	309.3	1.29	m_e	MBB	6.7
FUR	67.29	pP	01:53:04.445	0.3	78.3	6.33	TAS			a_e		
GEC2	65.57	P	01:52:29.282	0.2	78.3	6.29	TAS	292.0	1.30	m_e	MBB	6.6
GEC2	65.57	pP	01:52:53.495	0.2	78.3	6.33	TAS			a_e		
GEC2	65.57	sP	01:53:04.482	-0.1	77.2	6.39	TAS			m_e		
GOR1	66.29	P	01:52:33.684	0.1	78.3	6.29	TAS	516.0	1.25	m_e	MBB	6.8
GOR1	66.29	pP	01:52:57.895	0.1	78.3	6.33	TAS			a_e		
GRA1	67.00	P	01:52:38.625	0.5	78.3	6.29	TAS	536.7	1.70	m_e	mb	6.5
GRA1	67.00	pP	01:53:02.945	0.6	78.3	6.33	TAS			a_e		
GTTG	67.39	P	01:52:40.602	0.0	78.3	6.29	TAS	473.9	1.51	m_e	MBB	6.7
GTTG	67.39	pP	01:53:04.795	-0.1	78.3	6.33	TAS			a_e		
GTTG	67.39	sP	01:53:15.816		77.2	6.39	TAS			m_e		
GUNZ	66.16	P	01:52:32.875	0.0	78.3	6.29	TAS	277.4	1.38	m_e	MBB	6.4
GUNZ	66.16	pP	01:52:57.095	0.0	78.3	6.33	TAS			a_e		
GUNZ	66.16	sP	01:53:08.142	-0.1	77.2	6.39	TAS			m_e		
HLG	68.05	pP	01:53:09.145	0.4	78.3	6.33	TAS			a_e		
IBBN	68.55	P	01:52:47.700	-0.1	78.3	6.29	TAS	398.4	1.64	m_e	MBB	6.6
IBBN	68.55	pP	01:53:12.095	-0.0	78.3	6.33	TAS			a_e		
IBBN	68.55	sP	01:53:22.977		77.2	6.39	TAS			m_e		
MANZ	66.38	P	01:52:34.583	0.4	78.3	6.29	TAS			m_e		
MANZ	66.38	pP	01:52:58.895	0.5	78.3	6.33	TAS			a_e		
MANZ	66.38	sP	01:53:09.777	0.2	77.2	6.39	TAS			m_e		
MOX	66.55	P	01:52:35.301	-0.0	78.3	6.29	TAS	176.4	1.38	m_e	MBB	6.4
MOX	66.55	pP	01:52:59.495	-0.1	78.3	6.33	TAS			a_e		
MOX	66.55	sP	01:53:10.489	0.0	77.2	6.39	TAS			m_e		
NEUB	66.35	P	01:52:33.684	-0.4	78.3	6.29	TAS	387.1	1.52	m_e	MBB	6.6
NEUB	66.35	pP	01:52:57.945	-0.3	78.3	6.33	TAS			m_e		
NEUB	66.35	sP	01:53:09.121	-0.1	77.2	6.39	TAS			m_e		
NRDL	67.11	P	01:52:39.254	0.5	78.3	6.29	TAS	590.0	1.48	m_e	MBB	6.8
NRDL	67.11	pP	01:53:03.445	0.5	78.3	6.33	TAS			a_e		
NRDL	67.11	sP	01:53:14.340		77.2	6.39	TAS			m_e		
PLN	66.25	P	01:52:33.325	-0.1	78.3	6.29	TAS	320.4	1.82	m_e	MBB	6.3
PLN	66.25	pP	01:52:57.545	-0.1	78.3	6.33	TAS			a_e		
PLN	66.25	sP	01:53:08.455	0.3	77.2	6.39	TAS			m_e		
RETH	67.50	P	01:52:41.231	0.1	78.3	6.29	TAS	229.1	1.61	m_e	MBB	6.4

RETH	67.50	pP	01:53:05.495	0.0	78.3	6.33	TAS							a_e	
RGN	64.86	P	01:52:24.430	0.1	78.3	6.29	TAS	432.4	1.32	m_e	MBB	6.7			
RGN	64.86	pP	01:52:48.645	0.1	78.3	6.33	TAS							a_e	
RJOB	66.38	P	01:52:34.043	0.0	78.3	6.29	TAS	134.1	1.16	m_e	MBB	6.4			
RJOB	66.38	pP	01:52:58.445	0.2	78.3	6.33	TAS							a_e	
RUE	64.90	P	01:52:24.520	-0.3	78.3	6.29	TAS	424.1	1.20	m_e	MBB	6.8			
RUE	64.90	pP	01:52:48.695	-0.3	78.3	6.33	TAS							a_e	
STU	68.50	P	01:52:47.610	-0.1	78.3	6.29	TAS	346.0	1.28	m_e	MBB	6.6			
STU	68.50	pP	01:53:11.895	0.1	78.3	6.33	TAS							a_e	
TANN	66.07	P	01:52:32.247	-0.0	78.3	6.29	TAS	526.7	1.63	m_e	MBB	6.7			
TANN	66.07	pP	01:52:56.445	-0.1	78.3	6.33	TAS							a_e	
TANN	66.07	sP	01:53:07.393	0.0	77.2	6.39	TAS							m_e	
TNS	68.62	P	01:52:48.239	-0.2	78.3	6.29	TAS	137.6	1.11	m_e	MBB	6.4			
TNS	68.62	pP	01:53:12.545	-0.1	78.3	6.33	TAS							a_e	
TNS	68.62	sP	01:53:23.479		77.2	6.39	TAS							m_e	
UBBA	67.52	P	01:52:41.321	-0.1	78.3	6.29	TAS	223.1	1.56	m_e	MBB	6.4			
UBBA	67.52	pP	01:53:05.545	-0.2	78.3	6.33	TAS							a_e	
UBR	68.17	P	01:52:44.915	0.1	78.3	6.29	TAS	182.1	1.38	m_e	MBB	6.4			
UBR	68.17	pP	01:53:09.195	-0.4	78.3	6.33	TAS							a_e	
WERN	66.15	P	01:52:32.875	0.1	78.3	6.29	TAS	205.4	1.42	m_e	MBB	6.3			
WERN	66.15	pP	01:52:57.095	0.1	78.3	6.33	TAS							a_e	
WERN	66.15	sP	01:53:08.130	-0.2	77.2	6.39	TAS							m_e	
WET	66.05	P	01:52:32.247	0.2	78.3	6.29	TAS	243.9	1.47	m_e	MBB	6.5			
WET	66.05	pP	01:52:56.545	0.2	78.3	6.33	TAS							a_e	
WET	66.05	sP	01:53:07.615	0.1	77.2	6.39	TAS							m_e	
WLF	70.20	P	01:52:58.616		78.3	6.29	TAS							m_e	
WLF	70.20	pP	01:53:22.895	0.2	78.3	6.33	TAS							a_e	

Event 30109003 Nepal

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/09	07:44:10.44			28.8100	82.6600				25.9	0.9		21		55.06	59.43	m i ke	BGR
30109009																	

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 30109009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	59.43		P	07:54:11.258		84.5		7.03		TAS		18.0	1.10	m_e	mb 5.0
BRG	55.06		P	07:53:40.214	-0.3	84.5		7.03		TAS		23.0	0.58	m_e	mb 5.4
BSEG	57.04		P	07:53:54.596		84.5		7.03		TAS		29.9	1.20	m_e	mb 5.2
BUG	59.17		P	07:54:09.345		84.5		7.03		TAS		20.6	0.62	m_e	mb 5.3
CLZ	57.20		P	07:53:55.623		84.5		7.03		TAS		26.5	0.69	m_e	mb 5.4
FBE	55.43		P	07:53:43.155	-0.1	84.5		7.03		TAS		21.6	0.88	m_e	mb 5.2
FBE	55.43		pP	07:53:50.040	-0.1					T__				m_e	
FLT1	56.63		pP	07:53:58.965						T__				m_e	

GEC2	55.38	P	07:53:42.497	0.1	84.5	7.03	TAS	11.2	1.28	m_e	mb	4.7
GEC2	55.38	pP	07:53:49.833	-0.2			T__			m_e		
GOR1	56.53	P	07:53:50.670	-0.0	84.5	7.03	TAS	29.0	0.93	m_e	mb	5.3
GOR1	56.53	pP	07:53:57.743				T__			m_e		
GTTG	57.49	P	07:53:57.615		84.5	7.03	TAS	42.7	1.34	m_e	mb	5.3
GUNZ	56.12	P	07:53:48.018	-0.1	84.5	7.03	TAS	12.0	0.70	m_e	mb	5.0
GUNZ	56.12	pP	07:53:55.124				T__			m_e		
MANZ	56.31	P	07:53:49.584	-0.0	84.5	7.03	TAS	161.2	1.26	m_e	mb	5.9
MOX	56.55	P	07:53:50.867	-0.1	84.5	7.03	TAS	12.3	0.84	m_e	mb	5.0
NRDL	57.30	P	07:53:56.517		84.5	7.03	TAS	23.5	0.75	m_e	mb	5.3
NRDL	57.30	pP	07:54:03.480				T__			m_e		
PLN	56.22	P	07:53:48.589	0.3	84.5	7.03	TAS	38.5	1.95	m_e	mb	5.1
PLN	56.22	pP	07:53:55.629				T__			m_e		
RETH	57.73	P	07:53:59.167		84.5	7.03	TAS	59.9	2.08	m_e	mb	5.3
RETH	57.73	pP	07:54:06.353				T__			m_e		
TANN	56.04	P	07:53:47.241	-0.1	84.5	7.03	TAS	18.3	0.82	m_e	mb	5.1
TNS	58.61	P	07:54:05.508		84.5	7.03	TAS	86.5	2.33	m_e	mb	5.4
UBBA	57.55	pP	07:54:05.120				T__			m_e		
WERN	56.10	P	07:53:47.941	0.4	84.5	7.03	TAS	39.8	2.01	m_e	mb	5.1
WET	55.89	P	07:53:46.315	0.0	84.5	7.03	TAS	22.7	1.69	m_e	mb	4.9

Event 30110004 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/10	12:48:17.07			37.1890	142.2050				33.0			22		81.15	85.48	m i ke	BGR
OrigID 30110010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	30110010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	85.48	P		13:00:49.589		37.3		5.17		TAS		28.2	0.89	m_e	mb	5.5
BRG	81.24	P		13:00:27.661	0.4	37.3		5.17		TAS		15.8	0.90	m_e	mb	5.0
CLL	81.28	P		13:00:27.761	0.3	37.3		5.17		TAS		27.2	1.00	m_e	mb	5.2
CLZ	81.86	P		13:00:31.537	-0.1	37.3		5.17		TAS		43.4	1.41	m_e	mb	5.4
FBE	81.44	P		13:00:29.077	0.1	37.3		5.17		TAS		30.5	0.84	m_e	mb	5.4
FLT1	81.15	P		13:00:26.792	-0.2	37.3		5.17		TAS		22.2	0.81	m_e	mb	5.2
FUR	84.45	P		13:00:44.679		37.3		5.17		TAS		42.0	0.85	m_e	mb	5.7
GEC2	82.91	P		13:00:36.364		37.3		5.17		TAS		12.0	0.76	m_e	mb	5.2
GRA1	83.25	P		13:00:39.072		37.3		5.17		TAS		39.7	1.12	m_e	mb	5.5
GTTG	82.25	P		13:00:33.184	0.7	37.3		5.17		TAS		31.8	1.00	m_e	mb	5.4
GUNZ	82.28	P		13:00:33.457	0.2	37.3		5.17		TAS		12.2	0.97	m_e	mb	5.0
IBBN	82.43	P		13:00:34.203	-0.6	37.3		5.17		TAS		24.9	0.70	m_e	mb	5.5
MANZ	82.67	P		13:00:35.196	-0.3	37.3		5.17		TAS				m_e		
MOX	82.34	P		13:00:33.383	0.0	37.3		5.17		TAS		9.2	0.82	m_e	mb	4.9
NEUB	81.84	P		13:00:30.891	0.2	37.3		5.17		TAS		54.6	1.39	m_e	mb	5.5

RETH	81.51	P	13:00:29.351	0.3	37.3	5.17	TAS	22.0	1.09	m_e	mb	5.2
RJOB	84.16	P	13:00:43.213		37.3	5.17	TAS	23.4	1.00	m_e	mb	5.4
STU	84.78	P	13:00:46.294		37.3	5.17	TAS	27.3	0.68	m_e	mb	5.6
TANN	82.19	P	13:00:33.102	-0.2	37.3	5.17	TAS	96.2	2.03	m_e	mb	5.6
UBR	85.30	P	13:00:48.347		37.3	5.17	TAS	26.9	1.45	m_e	mb	5.3
WERN	82.32	P	13:00:33.805	0.2	37.3	5.17	TAS	15.4	1.00	m_e	mb	5.1
WET	83.02	P	13:00:37.433		37.3	5.17	TAS	16.2	1.09	m_e	mb	5.2

Event 30110003 Northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/10	13:47:00.25			4.0610	95.2810				58.8			33		81.40	86.37	m i ke	BGR
OrigID 30110009																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.0		BGR	30110009
Ms	4.8		BGR	30110009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	85.75	P		13:59:36.383	0.1	91.9		5.16		TAS		79.1	0.99	a_e	mb	5.8
ASSE	83.50	P		13:59:24.283	-0.1	91.9		5.16		TAS		93.8	1.11	a_e	mb	5.9
BFO	84.96	P		13:59:31.683	0.3	91.9		5.16		TAS		61.6	0.82	a_e	mb	5.9
BRG	81.40	P		13:59:13.683	0.3	91.9		5.16		TAS		102.5	1.00	m_e	mb	5.8
BSEG	83.77	P		13:59:25.983	-0.4	91.9		5.16		TAS		165.9	0.96	a_e	mb	6.2
BUG	85.61	P		13:59:35.383	0.2	91.9		5.16		TAS		123.8	0.91	a_e	mb	6.0
CLL	82.02	P		13:59:16.533	0.3	91.9		5.16		TAS		82.6	1.12	a_e	mb	5.8
CLZ	83.68	P		13:59:25.483	-0.1	91.9		5.16		TAS		108.1	0.98	a_e	mb	6.0
FBE	81.77	P		13:59:15.883	0.0	91.9		5.16		TAS		143.5	0.98	a_e	mb	6.1
FLT1	83.16	P		13:59:21.933	-0.3	91.9		5.16		TAS		47.6	0.96	a_e	mb	5.7
FUR	82.99	P		13:59:21.683	0.2	91.9		5.16		TAS		79.5	0.78	a_e	mb	6.0
GEC2	81.41	P		13:59:14.083		91.9		5.16		TAS		216.1	1.09	a_e	mb	6.1
GOR1	83.15	P		13:59:22.533	-0.8	91.9		5.16		TAS		176.0	1.24	a_e	mb	6.2
GRA1	83.08	L		14:40:30.670						T__		539.1	21.70	a_e	Ms	4.9
GRA1	83.08	P		13:59:22.883	0.6	91.9		5.16		TAS		134.8	0.96	a_e	mb	6.1
GTTG	83.93	P		13:59:26.733	0.0	91.9		5.16		TAS		176.7	1.19	a_e	mb	6.2
GUNZ	82.39	P		13:59:18.983	0.0	91.9		5.16		TAS		67.2	0.99	a_e	mb	5.7
IBBN	85.30	P		13:59:33.833	-0.1	91.9		5.16		TAS		144.4	0.99	a_e	mb	6.2
MOX	82.86	L		14:43:38.864						T__		395.6	21.80	a_e	Ms	4.7
MOX	82.86	P		13:59:21.283	0.0	91.9		5.16		TAS		53.7	0.92	m_e	mb	5.8
NEUB	82.78	P		13:59:20.633	0.5	91.9		5.16		TAS		108.7	0.93	a_e	mb	6.1
NRDL	83.86	P		13:59:26.683	0.0	91.9		5.16		TAS		468.1	2.01	a_e	mb	6.4
PLN	82.51	P		13:59:19.433	-0.2	91.9		5.16		TAS		53.7	0.95	a_e	mb	5.8
RETH	84.32	P		13:59:28.633	0.2	91.9		5.16		TAS		107.2	1.11	a_e	mb	6.0
RETH	84.32	pP		13:59:45.152	9.9					T__				m_e		
RJOB	81.95	P		13:59:16.133		91.9		5.16		TAS		83.8	0.75	a_e	mb	6.0
RUE	81.61	P		13:59:14.583	0.2	91.9		5.16		TAS		263.0	0.78	a_e	mb	6.4

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STU	84.39	P	13:59:28.983	-0.2	91.9	5.16	TAS	64.1	0.79	a_e mb	5.9
TANN	82.31	P	13:59:18.433	-0.2	91.9	5.16	TAS	137.3	1.29	a_e mb	5.9
TNS	84.88	P	13:59:31.833	0.1	91.9	5.16	TAS	81.3	0.95	a_e mb	5.9
UBBA	83.89	P	13:59:26.483	-0.1	91.9	5.16	TAS	122.3	1.88	a_e mb	5.8
UBR	83.77	P	13:59:25.633	0.1	91.9	5.16	TAS	70.7	0.78	a_e mb	6.0
WERN	82.36	P	13:59:18.883	-0.3	91.9	5.16	TAS	52.4	0.99	a_e mb	5.6
WET	81.97	P	13:59:16.883	-0.4	91.9	5.16	TAS	97.9	1.00	a_e mb	5.9
WLF	86.37	P	13:59:39.533	0.2	91.9	5.16	TAS	309.6	1.47	a_e mb	6.2

Event 30110002 Andreanof Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/10	17:21:12.74			53.8750	-172.2420				33.0			15		73.98	78.67	m i ke	BGR
OrigID 30110008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	30110008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	74.34	P		17:32:45.504	-0.1	2.1		5.67		TAS		9.1	0.91	m_e mb	4.8
BRG	75.50	P		17:32:52.255		2.1		5.67		TAS		11.6	0.99	m_e mb	4.9
CLL	75.10	P		17:32:49.787	-0.1	2.1		5.67		TAS		14.4	1.04	m_e mb	4.9
CLZ	74.63	P		17:32:47.851	-0.0	2.1		5.67		TAS		13.3	0.93	m_e mb	5.0
FBE	75.47	P		17:32:52.614		2.1		5.67		TAS		19.2	1.12	m_e mb	5.0
FLT1	74.13	P		17:32:44.121	0.4	2.1		5.67		TAS		13.4	1.07	m_e mb	4.9
GEC2	77.53	P		17:33:03.760		2.1		5.67		TAS		8.4	0.85	m_e mb	4.9
IBBN	74.19	P		17:32:45.090	-0.0	2.1		5.67		TAS		33.5	1.20	m_e mb	5.2
MOX	75.80	P		17:32:54.012		2.1		5.67		TAS		11.1	0.85	m_e mb	5.0
NEUB	75.25	P		17:32:51.329	-0.2	2.1		5.67		TAS		26.3	1.20	m_e mb	5.1
NRDL	73.98	P		17:32:43.452	0.4	2.1		5.67		TAS				m_e	
PLN	75.95	P		17:32:54.858		2.1		5.67		TAS		5.8	0.95	m_e mb	4.7
RJOB	78.67	P		17:33:10.143		2.1		5.67		TAS		9.7	0.85	m_e mb	4.9
TNS	76.28	P		17:32:56.582		2.1		5.67		TAS		9.0	0.84	m_e mb	4.9
WERN	76.14	P		17:32:56.236		2.1		5.67		TAS		12.2	0.99	m_e mb	5.0

Event 30110001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/10	21:57:19.90			-16.5600	175.2500				66.0					144.45	146.55	m i ke	NEIC
OrigID 30110040																	

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	146.55		PKPdf	22:16:53.304		27.0		0.00		TAS				m_e	
GEC2	144.45		PKPdf	22:16:46.045		27.0		0.00		TAS				m_e	
GRA1	144.51		PKPdf	22:16:48.945		27.0		0.00		TAS				m_e	
TNS	144.77		PKPdf	22:16:49.405		27.0		0.00		TAS				m_e	
WET	144.47		PKPdf	22:16:48.818		27.0		0.00		TAS				m_e	

Event 30111001 Andaman Islands, India, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/11	09:10:25.26			14.2200	92.0000				35.6	0.3		18		71.58	75.95	m i ke	BGR
OrigID 30111007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	30111007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	75.95		P	09:22:04.464	-0.0	88.0		5.86		TAS		4.8	0.67	m_e mb	4.8
AHRW	75.95		pP	09:22:14.696	-0.4					T__				m_e	
BRG	71.58		P	09:21:38.750	-0.1	88.0		5.86		TAS		7.3	0.79	m_e mb	4.9
BSEG	73.75		P	09:21:51.774	0.3	88.0		5.86		TAS		11.7	0.81	m_e mb	5.0
CLL	72.17		P	09:21:41.967	-0.4	88.0		5.86		TAS		3.9	0.81	m_e mb	4.6
CLL	72.17		pP	09:21:52.078	-0.4					T__				m_e	
CLZ	73.80		P	09:21:52.200	0.3	88.0		5.86		TAS		8.5	0.77	m_e mb	4.8
FLT1	73.25		P	09:21:48.337	-0.3	88.0		5.86		TAS		5.5	0.72	m_e mb	4.8
GEC2	71.75		P	09:21:39.851	0.1	88.0		5.86		TAS		9.8	0.80	m_e mb	5.0
GRA1	73.35		P	09:21:49.304	0.1	88.0		5.86		TAS		8.7	0.72	m_e mb	5.0
GTTG	74.06		P	09:21:53.563	0.1	88.0		5.86		TAS		20.5	0.74	m_e mb	5.2
GUNZ	72.61		P	09:21:45.131	0.2	88.0		5.86		TAS		5.0	0.85	m_e mb	4.7
IBBN	75.38		P	09:22:00.972	-0.2	88.0		5.86		TAS		11.2	0.73	m_e mb	5.0
MANZ	72.76		P	09:21:46.068	0.3	88.0		5.86		TAS		66.8	0.79	m_e mb	5.8
MOX	73.06		P	09:21:47.686	0.1	88.0		5.86		TAS		5.7	0.73	m_e mb	4.8
RJOB	72.38		P	09:21:43.513	0.1	88.0		5.86		TAS		5.4	0.74	m_e mb	4.8
RJOB	72.38		pP	09:21:53.640	-0.4					T__				m_e	
TANN	72.53		P	09:21:44.059	-0.4	88.0		5.86		TAS		4.4	0.78	m_e mb	4.7
TNS	75.11		P	09:21:59.269	-0.2	88.0		5.86		TAS		4.5	0.78	m_e mb	4.6
WERN	72.58		P	09:21:44.876	0.1	88.0		5.86		TAS		4.6	0.76	m_e mb	4.7
WET	72.29		P	09:21:42.746	-0.2	88.0		5.86		TAS		5.6	0.83	m_e mb	4.7

Event 30111002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/11	09:46:30.67			-19.3200	-176.8800				386.0	1.4		26		145.01	151.14	m i ke	BGR
OrigID																	

30111008

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	146.73		PKPbc	10:06:13.203	-0.1	13.7		3.01		TAS				m_e		
BFO	150.75		PKPbc	10:06:25.068	0.5	13.7		3.01		TAS				m_e		
BRG	147.37		PKPbc	10:06:15.386	-0.4	13.7		3.01		TAS				m_e		
BSEG	145.01		PKPbc	10:06:07.346		13.7		3.01		TAS				m_e		
BUG	147.78		PKPbc	10:06:16.398		13.7		3.01		TAS				m_e		
CLL	147.14		PKPbc	10:06:14.395	0.5	13.7		3.01		TAS				m_e		
CLZ	147.05		PKPbc	10:06:14.001	-0.2	13.7		3.01		TAS				m_e		
FLT1	146.45		PKPbc	10:06:11.986	-0.8	13.7		3.01		TAS				m_e		
FUR	150.48		PKPbc	10:06:24.360	-0.5	13.7		3.01		TAS				m_e		
FUR	150.48		pPKPbc	10:07:57.624	-0.5					T__				m_e		
GEC2	149.33		PKPbc	10:06:21.076	0.4	13.7		3.01		TAS				m_e		
GRA1	149.01		PKPbc	10:06:19.989		13.7		3.01		TAS				m_e		
GTTG	147.39		PKPbc	10:06:15.123	-0.0	13.7		3.01		TAS				m_e		
GUNZ	148.17		PKPbc	10:06:17.520	0.0	13.7		3.01		TAS				m_e		
IBBN	146.88		PKPbc	10:06:13.964		13.7		3.01		TAS				m_e		
MOX	148.02		PKPbc	10:06:16.778	0.1	13.7		3.01		TAS				m_e		
NEUB	147.47		PKPbc	10:06:15.199	0.1	13.7		3.01		TAS				m_e		
NRDL	146.44		PKPbc	10:06:12.366		13.7		3.01		TAS				m_e		
RJOB	150.58		PKPbc	10:06:24.498		13.7		3.01		TAS				m_e		
RUE	145.88		PKPbc	10:06:10.737	-0.2	13.7		3.01		TAS				m_e		
TANN	148.09		PKPbc	10:06:17.463	-0.1	13.7		3.01		TAS				m_e		
TNS	148.88		PKPbc	10:06:19.627	0.1	13.7		3.01		TAS				m_e		
UBBA	148.10		PKPbc	10:06:17.310	0.1	13.7		3.01		TAS				m_e		
UBR	151.14		PKPbc	10:06:26.057	0.3	13.7		3.01		TAS				m_e		
WERN	148.23		PKPbc	10:06:17.722	-0.4	13.7		3.01		TAS				m_e		
WERN	148.23		pPKPbc	10:07:50.393	-0.5					T__				m_e		
WET	149.23		PKPbc	10:06:20.592		13.7		3.01		TAS				m_e		
WLF	149.63		PKPbc	10:06:22.484	0.1	13.7		3.01		TAS				m_e		

Event 30112001 Western Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2013/01/12	03:25:51.92			33.3600	47.9600				33.0			28		29.79	34.78	m i ke	BGR
30112007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	30112007
Ms	4.0		BGR	30112007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	34.40		P	03:32:17.972	-0.6	108.2		8.72		TAS		21.9	0.64	m_e mb	5.2

ASSE	32.71	P	03:32:03.266	-0.3	108.2	8.72	TAS	21.2	0.85	m_e	mb	5.1
BFO	33.09	P	03:32:05.948	-0.5	108.2	8.72	TAS			m_e		
BRG	30.35	P	03:31:42.252	-0.6	108.2	8.72	TAS	18.3	0.90	m_e	mb	4.9
BSEG	33.57	P	03:32:09.698	-0.1	108.2	8.72	TAS	38.8	0.94	m_e	mb	5.3
BUG	34.51	P	03:32:19.103		108.2	8.72	TAS	28.4	1.02	m_e	mb	5.1
CLL	31.06	P	03:31:48.885	0.3	108.2	8.72	TAS	44.1	0.83	m_e	mb	5.4
CLZ	32.79	P	03:32:03.731	0.8	108.2	8.72	TAS	55.6	0.77	m_e	mb	5.6
FBE	30.71	P	03:31:45.731	0.0	108.2	8.72	TAS			m_e		
FLT1	32.46	P	03:32:00.942	-0.3	108.2	8.72	TAS	108.5	0.87	m_e	mb	5.8
FUR	31.14	P	03:31:49.938	-0.1	108.2	8.72	TAS			m_e		
GEC2	29.79	P	03:31:37.377	-1.1	108.2	8.72	TAS	13.5	0.64	m_e	mb	4.9
GRA1	31.60	P	03:31:53.729	0.3	108.2	8.72	TAS			m_e		
GTTG	32.93	P	03:32:05.415	-0.2	108.2	8.72	TAS	22.7	0.78	m_e	mb	5.2
GUNZ	31.13	P	03:31:50.254	0.5	108.2	8.72	TAS			m_e		
IBBN	34.46	P	03:32:18.682		108.2	8.72	TAS	37.0	0.85	m_e	mb	5.3
MANZ	31.14	P	03:31:50.359	0.6	108.2	8.72	TAS			m_e		
MOX	31.65	P	03:31:54.255	0.6	108.2	8.72	TAS			m_e		
MOX	31.65	L	03:46:40.701				T__	346.7	21.10	a_e	Ms	4.0
NEUB	31.74	P	03:31:55.308	0.1	108.2	8.72	TAS	37.0	0.81	m_e	mb	5.4
NRDL	33.16	P	03:32:07.100	0.7	108.2	8.72	TAS	86.2	0.95	m_e	mb	5.7
RJOB	30.04	P	03:31:38.899	0.0	108.2	8.72	TAS			m_e		
RUE	31.08	P	03:31:48.359	-0.1	108.2	8.72	TAS	105.9	0.80	m_e	mb	5.8
TANN	31.07	P	03:31:49.367	-0.6	108.2	8.72	TAS			m_e		
TNS	33.47	P	03:32:10.089	0.0	108.2	8.72	TAS	18.3	0.68	m_e	mb	5.1
UBBA	32.68	P	03:32:03.415	0.0	108.2	8.72	TAS			m_e		
WERN	31.08	P	03:31:49.938	0.5	108.2	8.72	TAS			m_e		
WET	30.40	P	03:31:42.884	-0.4	108.2	8.72	TAS	16.5	0.71	m_e	mb	5.0
WLF	34.78	P	03:32:20.682		108.2	8.72	TAS	56.7	0.67	m_e	mb	5.6

Event 30112003 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/12	10:21:40.23			-20.6100	169.9500			33.0				20		145.00	148.63	m i ke	BGR
30112009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	147.21		PKPbc	10:41:20.548	0.9	35.4		3.15		TAS				m_e	
BFO	148.63		PKPbc	10:41:24.021		35.4		3.15		TAS				m_e	
BUG	146.37		PKPbc	10:41:16.833	0.1	35.4		3.15		TAS				m_e	
FUR	147.58		PKPbc	10:41:21.118	-0.6	35.4		3.15		TAS				m_e	
GEC2	146.01		PKPbc	10:41:16.350	-0.1	35.4		3.15		TAS				m_e	
GRA1	146.41		PKPbc	10:41:17.800	0.9	35.4		3.15		TAS				m_e	
GTTG	145.38		PKPbc	10:41:14.238	0.0	35.4		3.15		TAS				m_e	
GUNZ	145.44		PKPbc	10:41:14.479	0.3	35.4		3.15		TAS				m_e	

IBBN	145.47	PKPbc	10:41:14.468	-0.3	35.4	3.15	TAS	m_e
MANZ	145.82	PKPbc	10:41:15.521	-0.3	35.4	3.15	TAS	m_e
MOX	145.50	PKPbc	10:41:14.540	-0.0	35.4	3.15	TAS	m_e
NEUB	145.00	PKPbc	10:41:12.589	-0.2	35.4	3.15	TAS	m_e
RJOB	147.24	PKPbc	10:41:20.405	-0.1	35.4	3.15	TAS	m_e
STU	147.94	PKPbc	10:41:22.266		35.4	3.15	TAS	m_e
TANN	145.35	PKPbc	10:41:14.238	-0.1	35.4	3.15	TAS	m_e
TNS	147.02	PKPbc	10:41:19.677	-0.4	35.4	3.15	TAS	m_e
UBBA	145.97	PKPbc	10:41:15.868	-0.6	35.4	3.15	TAS	m_e
WERN	145.48	PKPbc	10:41:14.322	-0.2	35.4	3.15	TAS	m_e
WET	146.15	PKPbc	10:41:16.833	0.4	35.4	3.15	TAS	m_e
WLF	148.27	PKPbc	10:41:23.654	0.6	35.4	3.15	TAS	m_e

Event 30112004 Northwest of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/12	13:37:40.49			49.3200	151.5200				33.0				28	72.04	77.67	m i ke	BGR
OrigID 30112010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	30112010
Ms	4.3		BGR	30112010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	75.96		P	13:49:19.383	-0.1	25.9		5.82		TAS		20.8	0.83	a_e mb	5.3
ASSE	73.58		P	13:49:05.683	0.0	25.9		5.82		TAS		16.6	0.78	a_e mb	5.1
BFO	77.67		P	13:49:28.583	-0.9	25.9		5.82		TAS		16.3	0.75	a_e mb	5.2
BRG	73.80		P	13:49:06.633	-0.2	25.9		5.82		TAS		14.8	0.72	a_e mb	5.1
BSEG	72.04		P	13:48:56.883	0.2	25.9		5.82		TAS		21.0	0.76	a_e mb	5.3
BUG	75.09		P	13:49:14.033	-0.3	25.9		5.82		TAS		26.5	0.74	a_e mb	5.4
CLL	73.68		P	13:49:05.933	-0.3	25.9		5.82		TAS		71.9	0.67	a_e mb	5.8
CLZ	73.92		P	13:49:08.033	0.4	25.9		5.82		TAS				a_e	
FBE	73.93		P	13:49:07.733	0.1	25.9		5.82		TAS		31.6	0.72	a_e mb	5.4
FLT1	73.25		P	13:49:03.333	-0.4	25.9		5.82		TAS		31.9	0.72	a_e mb	5.5
FUR	77.00		P	13:49:25.283	-0.2	25.9		5.82		TAS		24.1	0.73	a_e mb	5.4
GEC2	75.68		P	13:49:17.583	-0.1	25.9		5.82		TAS		9.9	0.69	a_e mb	5.1
GRA1	75.64		P	13:49:17.883	0.3	25.9		5.82		TAS		60.7	0.66	a_e mb	5.9
GTTG	74.30		P	13:49:09.933	0.1	25.9		5.82		TAS		26.8	0.67	a_e mb	5.4
GUNZ	74.72		P	13:49:12.333	0.1	25.9		5.82		TAS		21.7	0.70	a_e mb	5.3
IBBN	74.17		P	13:49:09.116	0.1	25.9		5.82		TAS		29.0	0.69	m_e mb	5.4
MANZ	75.12		P	13:49:14.533	-0.1	25.9		5.82		TAS		124.5	0.78	a_e mb	6.0
MOX	74.67		P	13:49:11.933	-0.0	25.9		5.82		TAS		21.1	0.73	a_e mb	5.3
MOX	74.67		L	14:25:39.751						T_		161.3	20.00	a_e Ms	4.3
NEUB	74.13		P	13:49:08.483	-0.3	25.9		5.82		TAS		27.9	0.71	a_e mb	5.4
NRDL	73.40		P	13:49:04.633	0.0	25.9		5.82		TAS		17.2	0.75	a_e mb	5.3
RJOB	76.94		P	13:49:25.191		25.9		5.82		TAS		9.8	0.77	m_e mb	5.0

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RUE	72.42	P	13:48:58.983	0.1	25.9	5.82	TAS	50.6	0.73	m_e	mb	5.7
STU	77.03	P	13:49:25.133	-0.6	25.9	5.82	TAS	20.3	0.76	a_e	mb	5.3
TANN	74.64	P	13:49:11.683	-0.1	25.9	5.82	TAS	16.4	0.68	a_e	mb	5.2
TNS	75.90	P	13:49:19.033	-0.1	25.9	5.82	TAS	29.3	0.67	a_e	mb	5.5
WERN	74.78	P	13:49:12.733	0.2	25.9	5.82	TAS	32.1	0.69	a_e	mb	5.5
WET	75.66	P	13:49:17.983	0.3	25.9	5.82	TAS	19.6	0.75	a_e	mb	5.3
WLF	77.00	P	13:49:25.711	1.1	25.9	5.82	TAS			m_e		

Event 30112005 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/12	14:48:08.99			-19.7200	-177.4600				33.0			20		145.33	151.44	m i ke	BGR
OrigID 30112011																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	151.08		PKPbc	15:07:58.226		13.6		2.70		TAS				m_e	
BRG	147.63		PKPbc	15:07:49.425	0.6	13.6		2.70		TAS				m_e	
BSEG	145.33		PKPbc	15:07:42.419	-0.6	13.6		2.70		TAS				m_e	
CLL	147.42		PKPbc	15:07:48.827	0.3	13.6		2.70		TAS				m_e	
CLZ	147.36		PKPbc	15:07:48.475	-0.0	13.6		2.70		TAS				m_e	
FBE	147.71		PKPbc	15:07:49.938	-0.1	13.6		2.70		TAS				m_e	
FLT1	146.75		PKPbc	15:07:46.510	0.3	13.6		2.70		TAS				m_e	
GEC2	149.58		PKPbc	15:07:54.296		13.6		2.70		TAS				m_e	
GRA1	149.30		PKPbc	15:07:54.125	0.1	13.6		2.70		TAS				m_e	
GUNZ	148.45		PKPbc	15:07:51.732	0.5	13.6		2.70		TAS				m_e	
IBBN	147.22		PKPbc	15:07:48.350		13.6		2.70		TAS				m_e	
MANZ	148.85		PKPbc	15:07:52.843	-0.7	13.6		2.70		TAS				m_e	
NEUB	147.76		PKPbc	15:07:49.622	0.2	13.6		2.70		TAS				m_e	
NRDL	146.76		PKPbc	15:07:46.862	-0.1	13.6		2.70		TAS				m_e	
TANN	148.37		PKPbc	15:07:51.989	0.8	13.6		2.70		TAS				m_e	
TNS	149.20		PKPbc	15:07:53.954	0.2	13.6		2.70		TAS				m_e	
UBR	151.44		PKPbc	15:07:58.995		13.6		2.70		TAS				m_e	
WERN	148.51		PKPbc	15:07:52.094	0.1	13.6		2.70		TAS				m_e	
WET	149.49		PKPbc	15:07:54.704		13.6		2.70		TAS				m_e	
WLF	149.98		PKPbc	15:07:55.919	-0.3	13.6		2.70		TAS				m_e	

Event 30113001 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/13	03:17:43.55			39.7360	143.1340				35.6					81.39	81.39	m i ke	BGR
OrigID 30113007																	

Magnitude Err Nsta Author OrigID
 mb 4.9 BGR 30113007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	81.39		P	03:29:55.406		38.0		4.54		TAS		9.9	0.73	m_e	mb 4.9
GRA1	81.39		pP	03:30:05.676						T__				m_e	

Event 30113003 Southern Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/13	12:44:05.85			60.8500	-154.1000				137.9	0.6		29		64.89	71.25	m i ke	BGR
OrigID																	
30113009																	

Magnitude Err Nsta Author OrigID
 mb 5.1 BGR 30113009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	67.93		P	12:54:53.025	0.2	352.0		6.22		TAS				m_e	
ASSE	66.71		P	12:54:44.957		352.0		6.22		TAS				m_e	
BFO	70.25		P	12:55:06.787	0.1	352.0		6.22		TAS		4.1	0.75	m_e	mb 4.6
BRG	68.22		P	12:54:54.634	-0.2	352.0		6.22		TAS		5.9	0.88	m_e	mb 4.8
BSEG	64.89		P	12:54:33.548	0.3	352.0		6.22		TAS		14.0	0.83	m_e	mb 5.2
BUG	67.07		P	12:54:47.069	-0.3	352.0		6.22		TAS		13.2	0.67	m_e	mb 5.3
CLL	67.72		P	12:54:51.254	0.4	352.0		6.22		TAS		5.6	0.56	m_e	mb 5.0
CLL	67.72		pP	12:55:24.760						T__				m_e	
CLZ	66.97		P	12:54:47.069	0.6	352.0		6.22		TAS		19.9	0.65	m_e	mb 5.5
FBE	68.13		P	12:54:54.232	0.1	352.0		6.22		TAS		5.4	0.88	m_e	mb 4.8
FLT1	66.56		P	12:54:43.689	0.2	352.0		6.22		TAS		6.6	0.71	m_e	mb 5.0
FLT1	66.56		pP	12:55:17.262						T__				m_e	
FUR	70.70		P	12:55:09.845		352.0		6.22		TAS		11.6	0.68	m_e	mb 5.1
GEC2	70.22		P	12:55:06.948		352.0		6.22		TAS		3.8	0.71	m_e	mb 4.6
GRA1	69.18		P	12:55:00.912	-0.1	352.0		6.22		TAS		9.2	0.62	m_e	mb 5.2
GTTG	67.23		P	12:54:49.001	-0.3	352.0		6.22		TAS		34.0	0.85	m_e	mb 5.6
GUNZ	68.60		P	12:54:57.129	-0.3	352.0		6.22		TAS		5.2	0.90	m_e	mb 4.8
IBBN	66.26		P	12:54:42.643	-0.1	352.0		6.22		TAS				m_e	
MANZ	68.96		P	12:54:58.980	-0.3	352.0		6.22		TAS		22.5	0.68	m_e	mb 5.5
MANZ	68.96		pP	12:55:32.349						T__				m_e	
MOX	68.27		P	12:54:55.037	0.2	352.0		6.22		TAS		19.5	0.55	m_e	mb 5.6
NEUB	67.73		P	12:54:51.335	0.3	352.0		6.22		TAS		21.7	0.59	m_e	mb 5.6
NRDL	66.30		P	12:54:42.562	-0.7	352.0		6.22		TAS		9.6	0.75	m_e	mb 5.1
RJOB	71.25		P	12:55:13.628		352.0		6.22		TAS		11.1	0.65	m_e	mb 5.1
RUE	66.61		P	12:54:44.816	0.2	352.0		6.22		TAS		17.6	0.70	m_e	mb 5.4
TANN	68.56		P	12:54:56.968	0.2	352.0		6.22		TAS				m_e	
TNS	68.39		P	12:54:55.359	0.1	352.0		6.22		TAS		7.1	0.66	m_e	mb 5.0
TNS	68.39		pP	12:55:28.943						T__				m_e	

UBBA	67.95	P	12:54:53.266	0.0	352.0	6.22	TAS									m_e
UBR	71.07	P	12:55:12.018		352.0	6.22	TAS			6.8	0.77	m_e	mb			4.8
WERN	68.68	P	12:54:57.773	0.1	352.0	6.22	TAS			9.3	0.55	m_e	mb			5.2
WET	69.86	P	12:55:04.936	-0.2	352.0	6.22	TAS									m_e
WLF	68.69	P	12:54:58.159		352.0	6.22	TAS									m_e

Event 30113005 Baja California, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/13	16:28:28.48			26.5610	-112.2110				33.0			21		85.62	90.75	m i ke	BGR
OrigID 30113011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	30113011
Ms	5.8		BGR	30113011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	86.40	P		16:41:10.043	-0.4	311.7		4.71		TAS		24.2	1.26	m_e	mb	5.2
ASSE	87.11	P		16:41:13.679	-0.1	311.7		4.71		TAS				m_e		
BRG	89.47	P		16:41:25.395	0.5	311.7		4.71		TAS				m_e		
BSEG	85.76	P		16:41:07.490	0.1	311.7		4.71		TAS				m_e		
BUG	85.93	P		16:41:08.624	0.4	311.7		4.71		TAS		5.3	0.77	m_e	mb	4.7
CLL	88.74	P		16:41:21.362	-0.1	311.7		4.71		TAS				m_e		
CLZ	87.16	P		16:41:14.287	0.2	311.7		4.71		TAS				m_e		
FLT1	87.24	P		16:41:13.790	-0.6	311.7		4.71		TAS		6.1	0.95	m_e	mb	4.7
GEC2	90.75	P		16:41:32.090	1.1	311.7		4.71		TAS		2.2	0.98	m_e	mb	4.5
GRA1	88.99	P		16:41:22.411	-0.2	311.7		4.71		TAS		5.9	0.84	m_e	mb	4.8
GRA1	88.99	L		17:21:54.014						T__		2718.9	20.10	a_e	Ms	5.7
GTTG	87.16	P		16:41:14.424	0.4	311.7		4.71		TAS		34.8	1.25	m_e	mb	5.3
GUNZ	89.07	P		16:41:22.964	-0.1	311.7		4.71		TAS				m_e		
IBBN	85.62	P		16:41:07.158	0.4	311.7		4.71		TAS				m_e		
MANZ	89.22	P		16:41:23.023	-0.7	311.7		4.71		TAS		24.6	0.98	m_e	mb	5.4
MOX	88.54	P		16:41:20.090	-0.5	311.7		4.71		TAS		3.9	1.00	m_e	mb	4.6
MOX	88.54	L		17:19:26.965						T__		5286.6	18.20	a_e	Ms	6.0
NRDL	86.61	P		16:41:11.801	0.4	311.7		4.71		TAS		22.1	1.25	m_e	mb	5.1
TANN	89.09	P		16:41:23.295	0.1	311.7		4.71		TAS		6.8	0.95	m_e	mb	4.9
TNS	87.28	P		16:41:14.211	-0.4	311.7		4.71		TAS				m_e		
UBBA	87.65	P		16:41:16.111	-0.2	311.7		4.71		TAS		16.5	1.25	m_e	mb	5.2
WERN	89.14	P		16:41:22.780	-0.6	311.7		4.71		TAS		4.4	1.09	m_e	mb	4.6
WLF	86.47	P		16:41:11.188	0.4	311.7		4.71		TAS				m_e		

Event 30113006 Eastern Caroline Islands, Micronesia, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2013/01/13 17:53:52.42 0.3480 148.3520 33.0 118.12 118.12 m i ke BGR
 30113012

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	118.12		PKPdf	18:12:39.462		50.1		1.09		TAS					m_e

Event 30114001 Carlsberg Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/14	00:58:43.61		3.8760	66.7410					10.0					65.30	65.30	m i ke	BGR

OrigID
30114007

Magnitude Err Nsta Author OrigID
 mb 4.8 BGR 30114007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	65.30		P	01:09:23.071		117.6		7.59		TAS		4.7	0.81	m_e mb	4.8

Event 30114003 Near coast of Libya

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/14	11:50:11.65		31.5250	23.0120					10.0					20.19	20.19	m i ke	BGR

OrigID
30114009

Magnitude Err Nsta Author OrigID
 mb 4.1 BGR 30114009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	20.19		P	11:54:46.726		151.0		11.17		TAS		9.7	0.74	m_e mb	4.1

Event 30114004 Off coast of southeastern Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/14	14:56:02.10		56.4100	-138.0200					33.0				25	67.00	72.91	m i ke	BGR

OrigID
30114010

Magnitude Err Nsta Author OrigID

mb	5.5	BGR	30114010
Ms	5.0	BGR	30114010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	69.56		P	15:07:11.987	-0.6	341.4		6.11		TAS		72.1	1.77	m_e	mb 5.5
ASSE	68.79		P	15:07:07.210	0.8	341.4		6.11		TAS		128.7	2.08	m_e	mb 5.8
BFO	71.92		P	15:07:26.016		341.4		6.11		TAS		50.5	1.39	m_e	mb 5.5
BRG	70.59		P	15:07:18.230	-0.3	341.4		6.11		TAS		45.0	1.41	m_e	mb 5.4
BSEG	67.00		P	15:06:56.108	-0.2	341.4		6.11		TAS		122.8	1.88	m_e	mb 5.8
BUG	68.76		P	15:07:06.868	-0.6	341.4		6.11		TAS				m_e	
CLL	70.01		P	15:07:14.260	-0.1	341.4		6.11		TAS		59.7	1.94	m_e	mb 5.4
CLZ	69.01		P	15:07:08.811	0.1	341.4		6.11		TAS		111.8	1.76	m_e	mb 5.8
FLT1	68.70		P	15:07:06.453	0.0	341.4		6.11		TAS		21.4	0.86	m_e	mb 5.4
GEC2	72.50		P	15:07:29.899		341.4		6.11		TAS		32.3	1.34	m_e	mb 5.3
GOR1	68.09		P	15:07:02.796	-0.0	341.4		6.11		TAS				m_e	
GRA1	71.22		P	15:07:22.120		341.4		6.11		TAS		41.6	1.56	m_e	mb 5.3
GRA1	71.22		L	15:40:05.549						T__		801.0	20.70	a_e	Ms 5.0
GTTG	69.21		P	15:07:09.803	-0.4	341.4		6.11		TAS		80.6	1.34	m_e	mb 5.8
GUNZ	70.79		P	15:07:19.448	0.0	341.4		6.11		TAS		64.9	2.13	m_e	mb 5.4
IBBN	68.04		P	15:07:02.360		341.4		6.11		TAS		53.8	1.26	m_e	mb 5.6
MOX	70.39		P	15:07:16.610	0.6	341.4		6.11		TAS		40.7	1.63	m_e	mb 5.3
MOX	70.39		L	15:41:59.107						T__		1045.0	18.60	a_e	Ms 5.1
NEUB	69.89		P	15:07:13.530	-0.1	341.4		6.11		TAS				m_e	
NRDL	68.33		P	15:07:04.374	-0.3	341.4		6.11		TAS		46.0	1.34	m_e	mb 5.5
PLN	70.64		P	15:07:18.392	0.1	341.4		6.11		TAS		36.3	1.62	m_e	mb 5.3
RETH	67.96		P	15:07:01.881	0.3	341.4		6.11		TAS		95.7	1.77	m_e	mb 5.7
TANN	70.76		P	15:07:19.284	0.1	341.4		6.11		TAS		79.0	1.84	m_e	mb 5.5
UBBA	69.91		P	15:07:13.929	-0.6	341.4		6.11		TAS		53.4	1.68	m_e	mb 5.4
UBR	72.91		P	15:07:32.330		341.4		6.11		TAS		158.5	2.11	m_e	mb 5.8
WERN	70.87		P	15:07:20.109	0.2	341.4		6.11		TAS		63.5	2.00	m_e	mb 5.4
WET	72.06		P	15:07:27.306		341.4		6.11		TAS		32.5	1.49	m_e	mb 5.2

Event 30115001 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/14	23:44:32.82			-22.4900	-175.5900				33.0			20		148.28	153.93	m i ke	BGR
30115007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	150.02		PKPbc	00:04:24.712		16.2		2.55		TAS				m_e	
BRG	150.71		PKPbc	00:04:26.438	0.1	16.2		2.55		TAS				m_e	
BSEG	148.28		PKPbc	00:04:20.131		16.2		2.55		TAS				m_e	
CLL	150.47		PKPbc	00:04:25.639	0.0	16.2		2.55		TAS				m_e	
CLZ	150.34		PKPbc	00:04:25.155		16.2		2.55		TAS				m_e	

FLT1	149.75	PKPbc	00:04:23.898	-0.2	16.2	2.55	TAS	m_e
FUR	153.80	PKPbc	00:04:33.613		16.2	2.55	TAS	m_e
GEC2	152.68	PKPbc	00:04:30.697		16.2	2.55	TAS	m_e
GRA1	152.32	PKPbc	00:04:30.662		16.2	2.55	TAS	m_e
GTTG	150.68	PKPbc	00:04:26.129		16.2	2.55	TAS	m_e
GUNZ	151.49	PKPbc	00:04:28.413	0.2	16.2	2.55	TAS	m_e
MANZ	151.90	PKPbc	00:04:29.565	0.2	16.2	2.55	TAS	m_e
NEUB	150.78	PKPbc	00:04:26.658	0.3	16.2	2.55	TAS	m_e
NRDL	149.73	PKPbc	00:04:23.696		16.2	2.55	TAS	m_e
RJOB	153.93	PKPbc	00:04:33.818		16.2	2.55	TAS	m_e
RUE	149.21	PKPbc	00:04:22.572		16.2	2.55	TAS	m_e
TANN	151.42	PKPbc	00:04:28.359	0.4	16.2	2.55	TAS	m_e
TNS	152.14	PKPbc	00:04:30.077		16.2	2.55	TAS	m_e
WERN	151.56	PKPbc	00:04:28.679		16.2	2.55	TAS	m_e
WET	152.57	PKPbc	00:04:31.123		16.2	2.55	TAS	m_e

Event 30115002 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/15	02:58:06.87			32.7000	143.5300				44.6	1.1		19		84.52	89.93	m i ke	BGR
OrigID 30115008																	

Magnitude Err Nsta Author OrigID
mb 4.7 BGR 30115008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	86.00		P	03:10:47.356	-0.3	39.1		4.98		TAS		7.1	1.08	m_e mb	4.7
ASSE	86.00		pP	03:11:00.380	0.5					T__				m_e	
BFO	89.93		P	03:11:06.364	0.5	39.1		4.98		TAS		1.9	0.80	m_e mb	4.4
BRG	85.67		P	03:10:45.762	-0.2	39.1		4.98		TAS		4.3	0.83	m_e mb	4.6
BSEG	84.71		P	03:10:41.332		39.1		4.98		TAS		10.6	1.15	m_e mb	5.0
BSEG	84.71		pP	03:10:54.285	0.5					T__				m_e	
CLL	85.72		P	03:10:46.094	-0.1	39.1		4.98		TAS		11.3	0.90	m_e mb	5.0
CLZ	86.34		P	03:10:49.615	-0.4	39.1		4.98		TAS		8.3	0.88	m_e mb	4.9
FLT1	85.62		P	03:10:45.399	-0.2	39.1		4.98		TAS		9.9	0.95	m_e mb	4.9
FLT1	85.62		pP	03:10:58.053	0.5					T__				m_e	
GEC2	87.31		P	03:10:53.939	0.1	39.1		4.98		TAS		1.4	0.84	m_e mb	4.1
GRA1	87.69		P	03:10:56.125	0.5	39.1		4.98		TAS				m_e	
GUNZ	86.72		P	03:10:51.342	0.2	39.1		4.98		TAS		6.8	1.09	m_e mb	4.7
IBBN	86.94		P	03:10:52.471		39.1		4.98		TAS		13.0	0.94	m_e mb	5.0
MOX	86.79		P	03:10:51.741	0.3	39.1		4.98		TAS		6.2	1.12	m_e mb	4.6
NEUB	86.30		P	03:10:48.951	-0.3	39.1		4.98		TAS		9.2	0.85	m_e mb	4.9
NRDL	85.92		P	03:10:47.292		39.1		4.98		TAS		2.9	0.87	m_e mb	4.4
RUE	84.52		P	03:10:40.471	0.5	39.1		4.98		TAS		7.8	0.92	m_e mb	4.9
TANN	86.63		P	03:10:50.584	0.5	39.1		4.98		TAS		7.0	1.12	m_e mb	4.7
TANN	86.63		pP	03:11:03.869	0.5					T__				m_e	

Magnitude Err Nsta Author OrigID
 mb 4.7 BGR 30117007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	79.17		P	05:25:28.367	0.3	34.9		5.56		TAS		3.1	0.67	m_e	mb 4.5
ASSE	76.59		P	05:25:14.005	0.2	34.9		5.56		TAS				m_e	
BFO	80.58		P	05:25:35.447	-0.6	34.9		5.56		TAS		3.7	0.86	m_e	mb 4.4
BRG	76.40		P	05:25:12.647	-0.2	34.9		5.56		TAS		3.0	0.95	m_e	mb 4.4
BSEG	75.23		P	05:25:06.080	-0.1	34.9		5.56		TAS		5.6	0.84	m_e	mb 4.6
BSEG	75.23		pP	05:25:20.511	0.6					T__				m_e	
BUG	78.34		P	05:25:23.480	0.0	34.9		5.56		TAS		7.1	0.87	m_e	mb 4.8
CLL	76.41		P	05:25:12.413	-0.5	34.9		5.56		TAS		4.8	0.66	m_e	mb 4.8
CLL	76.41		pP	05:25:27.043	0.6					T__				m_e	
CLZ	76.93		P	05:25:16.147	0.4	34.9		5.56		TAS		6.3	0.68	a_e	mb 4.9
FBE	76.59		P	05:25:14.470	0.6	34.9		5.56		TAS		4.3	0.75	m_e	mb 4.7
FLT1	76.22		P	05:25:11.397	-0.4	34.9		5.56		TAS		7.9	0.75	m_e	mb 4.9
FUR	79.62		P	05:25:30.596	-0.1	34.9		5.56		TAS		15.4	0.63	m_e	mb 5.1
GEC2	78.12		P	05:25:22.364	-0.1	34.9		5.56		TAS		3.9	1.09	m_e	mb 4.5
GRA1	78.38		P	05:25:24.103	0.2	34.9		5.56		TAS		9.8	0.63	m_e	mb 5.1
GTTG	77.32		P	05:25:18.097	0.2	34.9		5.56		TAS		14.7	1.04	a_e	mb 5.1
GUNZ	77.42		P	05:25:18.107	-0.4	34.9		5.56		TAS		2.8	0.74	m_e	mb 4.5
IBBN	77.45		P	05:25:18.464	0.0	34.9		5.56		TAS				m_e	
MOX	77.46		P	05:25:18.178	-0.6	34.9		5.56		TAS		2.6	0.70	m_e	mb 4.5
NEUB	76.96		P	05:25:15.847	-0.1	34.9		5.56		TAS		8.0	0.78	a_e	mb 4.9
NRDL	76.49		P	05:25:13.297	0.1	34.9		5.56		TAS		3.4	0.81	a_e	mb 4.5
PLN	77.39		P	05:24:21.397		34.9		5.56		TAS				a_e	
RJOB	79.37		P	05:25:29.600	0.2	34.9		5.56		TAS		5.5	0.82	m_e	mb 4.6
RJOB	79.37		pP	05:25:42.071	0.6					T__				m_e	
TNS	78.96		P	05:25:27.059	0.1	34.9		5.56		TAS		2.8	0.81	m_e	mb 4.3
WERN	77.47		P	05:25:18.821	0.0	34.9		5.56		TAS		2.8	0.60	m_e	mb 4.6
WET	78.20		P	05:25:23.155	0.6	34.9		5.56		TAS		4.9	0.96	m_e	mb 4.6

Event 30117002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/17	07:42:44.66			-21.5000	-176.5000				33.0			24		147.20	152.77	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	150.88		PKPbc	08:02:34.132		14.0		2.65		TAS				m_e	
ASSE	148.92		PKPbc	08:02:28.610	0.3	14.0		2.65		TAS				m_e	
BRG	149.56		PKPbc	08:02:30.930	-0.2	14.0		2.65		TAS				m_e	
BSEG	147.20		PKPbc	08:02:24.333	-0.0	14.0		2.65		TAS				m_e	
BUG	149.97		PKPbc	08:02:31.855		14.0		2.65		TAS				m_e	

CLL	149.34	PKPbc	08:02:29.987	0.1	14.0	2.65	TAS	m_e
CLZ	149.25	PKPbc	08:02:30.060	-0.0	14.0	2.65	TAS	m_e
FBE	149.64	PKPbc	08:02:30.930	-0.2	14.0	2.65	TAS	m_e
FLT1	148.65	PKPbc	08:02:27.885	-0.3	14.0	2.65	TAS	m_e
FUR	152.67	PKPbc	08:02:38.028		14.0	2.65	TAS	m_e
GEC2	151.52	PKPbc	08:02:35.685		14.0	2.65	TAS	m_e
GTTG	149.59	PKPbc	08:02:30.640	-0.1	14.0	2.65	TAS	m_e
GUNZ	150.37	PKPbc	08:02:32.669		14.0	2.65	TAS	m_e
IBBN	149.07	PKPbc	08:02:29.478		14.0	2.65	TAS	m_e
MANZ	150.77	PKPbc	08:02:33.939		14.0	2.65	TAS	m_e
MOX	150.22	PKPbc	08:02:32.090	0.1	14.0	2.65	TAS	m_e
NEUB	149.66	PKPbc	08:02:31.147	0.2	14.0	2.65	TAS	m_e
NRDL	148.64	PKPbc	08:02:28.393	0.2	14.0	2.65	TAS	m_e
RJOB	152.77	PKPbc	08:02:38.612		14.0	2.65	TAS	m_e
RUE	148.07	PKPbc	08:02:26.653	-0.1	14.0	2.65	TAS	m_e
TANN	150.29	PKPbc	08:02:32.379		14.0	2.65	TAS	m_e
TNS	151.07	PKPbc	08:02:34.473		14.0	2.65	TAS	m_e
UBBA	150.30	PKPbc	08:02:32.296		14.0	2.65	TAS	m_e
WERN	150.43	PKPbc	08:02:33.032		14.0	2.65	TAS	m_e

Event 30117007 Eastern Mediterranean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/17	21:17:31.72			32.3400	31.9000				10.0			23		21.42	26.52	m i ke	BGR
OrigID 30117013																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	30117013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	25.82		P	21:23:03.427		131.2		9.69		TAS				m_e	
ASSE	25.09		P	21:22:56.728	-0.3	131.2		9.69		TAS		13.0	1.03	m_e mb	4.6
BFO	23.90		P	21:22:45.910	0.2	131.2		9.69		TAS		11.9	0.73	m_e mb	4.5
BRG	22.77		P	21:22:34.246	-0.4	131.2		9.69		TAS		5.2	0.80	m_e mb	4.1
BSEG	26.52		P	21:23:09.586		131.2		9.69		TAS		13.5	0.78	m_e mb	4.7
BUG	26.26		P	21:23:07.592		131.2		9.69		TAS		8.2	0.71	m_e mb	4.5
CLL	23.49		P	21:22:41.926	1.8	131.2		9.69		TAS		12.5	0.80	m_e mb	4.5
CLZ	25.03		P	21:22:55.972	-0.0	131.2		9.69		TAS		5.2	0.78	m_e mb	4.3
FLT1	24.99		P	21:22:55.500	0.2	131.2		9.69		TAS		15.1	0.77	m_e mb	4.8
FUR	22.20		P	21:22:28.882	-0.4	131.2		9.69		TAS		20.7	0.55	m_e mb	4.8
GEC2	21.42		P	21:22:20.101	-1.8	131.2		9.69		TAS		13.3	0.70	m_e mb	4.4
GRA1	23.20		P	21:22:39.225	1.1	131.2		9.69		TAS		12.9	0.83	m_e mb	4.5
GTTG	25.02		P	21:22:56.404	0.1	131.2		9.69		TAS		15.3	0.68	m_e mb	4.9
GUNZ	23.12		P	21:22:37.335	0.9	131.2		9.69		TAS		8.7	1.11	m_e mb	4.2
MANZ	22.96		P	21:22:36.407	-0.4	131.2		9.69		TAS		109.8	0.78	m_e mb	5.4
MOX	23.64		P	21:22:43.869	-0.2	131.2		9.69		TAS		23.8	0.70	m_e mb	4.8

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NEUB	23.95	P	21:22:46.248	0.1	131.2		9.69	TAS	25.5	0.95	m_e	mb	4.7
NRDL	25.60	P	21:23:01.411	-2.1	131.2		9.69	TAS	6.8	0.68	m_e	mb	4.4
STU	23.67	P	21:22:43.419	0.6	131.2		9.69	TAS	21.4	0.66	m_e	mb	4.8
TNS	24.93	P	21:22:54.892	-0.2	131.2		9.69	TAS	7.1	0.78	m_e	mb	4.5
WERN	23.04	P	21:22:36.632	0.7	131.2		9.69	TAS			m_e		
WET	22.02	P	21:22:25.883	1.0	131.2		9.69	TAS			m_e		
WLF	25.83	P	21:23:02.540	-0.0	131.2		9.69	TAS			m_e		

Event 30118007 Sichuan, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/18	12:42:58.48			31.0750	99.0730				33.0					65.70	65.70	m i ke	BGR
OrigID 30118013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	30118013
Ms	5.2		BGR	30118013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	65.70		P	12:53:38.984		73.6		5.83		TAS		49.6	1.18	m_e	mb	5.6
GRA1	65.70		L	13:24:00.801						T__		1423.3	19.70	a_e	Ms	5.2

Event 30118009 South of Alaska

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/18	14:05:54.100			53.1450	-162.9690				36.8					77.42	77.42	m i ke	BGR
OrigID 30118015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	30118015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	77.42		P	14:17:44.662		354.7		5.02		TAS		21.5	1.13	m_e	mb	5.2
GRA1	77.42		pP	14:17:55.211		354.7		5.02		TAS				m_e		

Event 30120004 Eastern Siberia, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/20	10:48:48.10			64.7600	146.6600				23.1	0.5		31		56.97	62.90	m i ke	BGR
OrigID 30120010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	30120010
Ms	5.6		BGR	30120010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	60.84		P	10:58:59.073	0.2	20.5		6.88		TAS		220.7	2.24	a_e	mb	5.6
ASSE	58.58		P	10:58:43.373	-0.6	20.5		6.88		TAS		210.8	2.01	a_e	mb	5.8
BFO	62.67		P	10:59:11.023	-0.3	20.5		6.88		TAS		103.1	1.89	a_e	mb	5.6
BFO	62.67		pP	10:59:17.350						T__				m_e		
BRG	59.03		P	10:58:46.073	-0.0	20.5		6.88		TAS		188.0	2.46	a_e	mb	5.7
BRG	59.03		pP	10:58:52.628						T__				m_e		
BSEG	56.97		P	10:58:32.223	0.0	20.5		6.88		TAS		201.3	2.04	a_e	mb	5.8
BUG	59.94		P	10:58:52.623	-0.1	20.5		6.88		TAS		309.1	2.03	a_e	mb	6.0
BUG	59.94		pP	10:58:59.189						T__				m_e		
CLL	58.84		P	10:58:44.573	0.3	20.5		6.88		TAS		72.6	0.91	a_e	mb	5.7
CLZ	58.92		P	10:58:46.073	0.1	20.5		6.88		TAS		215.4	1.91	m_e	mb	5.9
FBE	59.12		P	10:58:47.023	-0.6	20.5		6.88		TAS		207.9	2.17	a_e	mb	5.8
FLT1	58.27		P	10:58:40.673	0.1	20.5		6.88		TAS		140.5	2.15	a_e	mb	5.6
FUR	62.18		P	10:59:08.073	-0.5	20.5		6.88		TAS		49.1	1.01	a_e	mb	5.7
FUR	62.18		pP	10:59:14.387						T__				m_e		
GEC2	60.97		P	10:58:59.973	-0.2	20.5		6.88		TAS		236.5	2.29	a_e	mb	5.6
GEC2	60.97		pP	10:59:06.360						T__				m_e		
GOR1	57.64		P	10:58:37.223	-0.6	20.5		6.88		TAS		326.1	2.08	a_e	mb	6.0
GRA1	60.75		P	10:58:58.723	0.3	20.5		6.88		TAS		222.8	2.03	a_e	mb	5.6
GRA1	60.75		L	11:26:35.415						T__		4819.3	20.50	a_e	Ms	5.6
GTTG	59.28		P	10:58:48.423	0.0	20.5		6.88		TAS		313.5	2.20	a_e	mb	6.0
GUNZ	59.87		P	10:58:52.523	0.3	20.5		6.88		TAS		440.1	2.39	a_e	mb	6.1
GUNZ	59.87		pP	10:58:58.890						T__				m_e		
IBBN	59.02		P	10:58:46.373	-0.3	20.5		6.88		TAS		151.0	2.00	a_e	mb	5.7
IBBN	59.02		pP	10:58:52.875						T__				m_e		
MANZ	60.28		P	10:58:55.123	0.4	20.5		6.88		TAS		1480.6	2.17	a_e	mb	6.6
MOX	59.77		P	10:58:51.623	0.2	20.5		6.88		TAS		248.1	2.14	a_e	mb	5.9
MOX	59.77		L	11:26:05.356						T__		5165.1	20.30	a_e	Ms	5.7
NEUB	59.22		P	10:58:47.173	0.2	20.5		6.88		TAS		32.0	0.90	a_e	mb	5.3
NRDL	58.36		P	10:58:41.823	-0.0	20.5		6.88		TAS		139.7	1.95	a_e	mb	5.7
PLN	59.80		P	10:58:51.823	0.3	20.5		6.88		TAS		363.6	2.26	a_e	mb	6.0
RETH	58.29		P	10:58:41.423	-0.1	20.5		6.88		TAS		243.3	1.93	a_e	mb	5.9
RUE	57.57		P	10:58:36.223	0.3	20.5		6.88		TAS		321.9	2.17	a_e	mb	6.0
STU	62.07		P	10:59:07.173	-0.1	20.5		6.88		TAS		170.5	2.01	a_e	mb	5.9
STU	62.07		pP	10:59:13.578						T__				m_e		
TANN	59.80		P	10:58:51.973	0.1	20.5		6.88		TAS		440.0	2.10	a_e	mb	6.1
TANN	59.80		pP	10:58:58.261						T__				m_e		
TNS	60.85		P	10:58:59.173	0.5	20.5		6.88		TAS		183.3	2.26	a_e	mb	5.5
UBBA	59.96		P	10:58:52.823	0.1	20.5		6.88		TAS		67.0	1.56	a_e	mb	5.4
UBR	62.90		P	10:59:12.823		20.5		6.88		TAS		95.9	1.91	a_e	mb	5.6
WERN	59.93		P	10:58:52.973	0.0	20.5		6.88		TAS		316.9	2.22	a_e	mb	6.0
WERN	59.93		pP	10:58:59.459						T__				m_e		
WET	60.89		P	10:58:59.673	0.3	20.5		6.88		TAS		154.7	2.12	a_e	mb	5.5

Event 30120006 Reykjanes Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/20	21:26:36.100			55.0870	-35.0390				33.0					28.32	28.32	m i ke	BGR
OrigID 30120012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	30120012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	28.32		P	21:32:27.033		295.3		8.27		TAS		45.6	1.75	m_e mb	5.0

Event 30120008 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/20	22:58:42.84			-20.5330	-177.3840				33.0				19	146.14	150.38	m i ke	BGR
OrigID 30120014																	

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	148.43		PKPbc	23:18:25.839	0.0	16.3		2.56		TAS				m_e	
BSEG	146.14		PKPbc	23:18:19.912	-0.1	16.3		2.56		TAS				m_e	
CLL	148.22		PKPbc	23:18:25.228	0.0	16.3		2.56		TAS				m_e	
CLZ	148.17		PKPbc	23:18:25.472	0.3	16.3		2.56		TAS				m_e	
FBE	148.52		PKPbc	23:18:26.382	-0.0	16.3		2.56		TAS				m_e	
FLT1	147.56		PKPbc	23:18:23.361	-0.2	16.3		2.56		TAS				m_e	
GEC2	150.38		PKPbc	23:18:30.459		16.3		2.56		TAS				m_e	
GOR1	146.91		PKPbc	23:18:22.219	-0.2	16.3		2.56		TAS				m_e	
GUNZ	149.25		PKPbc	23:18:28.136		16.3		2.56		TAS				m_e	
MANZ	149.66		PKPbc	23:18:29.021		16.3		2.56		TAS				m_e	
MOX	149.12		PKPbc	23:18:27.583	0.1	16.3		2.56		TAS				m_e	
NEUB	148.57		PKPbc	23:18:26.197	0.2	16.3		2.56		TAS				m_e	
NRDL	147.57		PKPbc	23:18:23.496	0.3	16.3		2.56		TAS				m_e	
PLN	149.17		PKPbc	23:18:27.695	-0.1	16.3		2.56		TAS				m_e	
RETH	147.43		PKPbc	23:18:23.302	-0.2	16.3		2.56		TAS				m_e	
RUE	146.96		PKPbc	23:18:21.893	-0.1	16.3		2.56		TAS				m_e	
TANN	149.18		PKPbc	23:18:27.859	-0.5	16.3		2.56		TAS				m_e	
TNS	150.01		PKPbc	23:18:29.910		16.3		2.56		TAS				m_e	
WERN	149.32		PKPbc	23:18:28.287		16.3		2.56		TAS				m_e	

Event 30121008 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
2013/01/21	19:47:03.61			35.9500	140.9520				33.0					83.82	83.82	m i ke	BGR
OrigID 30121014																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	30121014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	83.82		P	19:59:28.557		42.2		4.45		TAS		9.8	1.17	m_e	mb	4.9
GRA1	83.82		PcP	19:59:31.859						T__				m_e		

Event 30121007 Southern Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/21	19:48:54.43			29.3010	58.1330				33.0					40.73	40.73	m i ke	BGR
OrigID 30121013																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	30121013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	40.73		P	19:56:31.831		109.4		8.85		TAS		34.4	1.36	m_e	mb	4.9

Event 30121009 Northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/21	22:22:54.45			5.2800	95.7500				16.7	1.1		32		80.76	85.12	m i ke	BGR
OrigID 30121015																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.0		BGR	30121015
MBB	6.2		BGR	30121015
Ms	6.1		BGR	30121015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	85.12		P	22:35:30.253		91.0		5.17		TAS		167.0	1.56	m_e	mb	6.0
AHRW	85.12		pP	22:35:34.884		91.2		5.12		TAS				m_e		
ASSE	82.84		P	22:35:18.119	0.3	91.0		5.17		TAS		131.7	1.22	m_e	MBB	6.3
ASSE	82.84		pP	22:35:22.735	-0.0	91.2		5.12		TAS				m_e		

BFO	84.38	P	22:35:25.809		91.0	5.17	TAS	131.1	1.58	m_e	mb	5.9
BFO	84.38	pP	22:35:30.603	0.1	91.2	5.12	TAS			m_e		
BRG	80.76	P	22:35:07.528	0.0	91.0	5.17	TAS	119.0	1.18	m_e	MBB	6.2
BRG	80.76	pP	22:35:12.492	0.0	91.2	5.12	TAS			m_e		
BSEG	83.07	P	22:35:19.765	-0.2	91.0	5.17	TAS	209.7	1.08	m_e	MBB	6.4
BSEG	83.07	pP	22:35:24.338	-0.2	91.2	5.12	TAS			m_e		
BUG	84.96	P	22:35:29.243		91.0	5.17	TAS	218.3	1.31	m_e	mb	6.2
BUG	84.96	pP	22:35:34.087		91.2	5.12	TAS			m_e		
CLL	81.37	P	22:35:10.317	-0.3	91.0	5.17	TAS	104.3	1.29	m_e	mb	5.7
CLZ	83.02	P	22:35:19.470	0.3	91.0	5.17	TAS	116.2	0.97	m_e	mb	6.1
CLZ	83.02	pP	22:35:24.228	0.3	91.2	5.12	TAS			m_e		
FBE	81.13	P	22:35:09.541	0.1	91.0	5.17	TAS	214.0	1.36	m_e	MBB	6.2
FBE	81.13	pP	22:35:14.605	0.2	91.2	5.12	TAS			m_e		
FLT1	82.50	P	22:35:15.769	-0.1	91.0	5.17	TAS	51.4	1.01	m_e	MBB	6.0
FLT1	82.50	pP	22:35:20.675	0.1	91.2	5.12	TAS			m_e		
FUR	82.41	P	22:35:15.980	0.4	91.0	5.17	TAS	107.6	1.02	m_e	MBB	6.5
FUR	82.41	pP	22:35:20.608	-0.2	91.2	5.12	TAS			m_e		
GEC2	80.81	P	22:35:08.078	0.3	91.0	5.17	TAS	181.7	1.23	m_e	MBB	6.2
GEC2	80.81	pP	22:35:12.990	0.3	91.2	5.12	TAS			m_e		
GOR1	82.47	P	22:35:16.132	-0.7	91.0	5.17	TAS	263.2	1.32	m_e	MBB	6.6
GOR1	82.47	pP	22:35:20.989	-0.4	91.2	5.12	TAS			m_e		
GRA1	82.46	P	22:35:16.644	-0.2	91.0	5.17	TAS	161.5	1.20	m_e	mb	6.0
GRA1	82.46	pP	22:35:21.754	-0.7	91.2	5.12	TAS			m_e		
GRA1	82.46	L	23:19:20.057				T__	7487.9	19.00	a_e	Ms	6.1
GTTG	83.28	P	22:35:20.708	-0.3	91.0	5.17	TAS	271.2	1.35	m_e	mb	6.3
GTTG	83.28	pP	22:35:25.536	0.0	91.2	5.12	TAS			m_e		
GUNZ	81.76	P	22:35:12.702	0.1	91.0	5.17	TAS	73.6	1.14	m_e	mb	5.7
GUNZ	81.76	pP	22:35:17.645	-0.3	91.2	5.12	TAS			m_e		
HLG	84.51	pP	22:35:31.872	0.1	91.2	5.12	TAS			m_e		
IBBN	84.63	P	22:35:27.624		91.0	5.17	TAS	205.0	1.13	m_e	mb	6.3
IBBN	84.63	pP	22:35:32.439		91.2	5.12	TAS			m_e		
MOX	82.23	P	22:35:15.153	0.0	91.0	5.17	TAS	62.4	1.08	m_e	mb	5.7
MOX	82.23	pP	22:35:20.003	0.6	91.2	5.12	TAS			m_e		
MOX	82.23	L	23:19:20.856				T__	8249.4	18.40	a_e	Ms	6.1
NEUB	82.14	P	22:35:14.513	0.1	91.0	5.17	TAS	173.2	1.35	m_e	MBB	6.2
NEUB	82.14	pP	22:35:19.283	-0.2	91.2	5.12	TAS			m_e		
NRDL	83.19	pP	22:35:25.267	0.2	91.2	5.12	TAS			m_e		
PLN	81.87	P	22:35:13.366	-0.1	91.0	5.17	TAS	49.3	1.09	m_e	mb	5.6
PLN	81.87	pP	22:35:18.308	0.0	91.2	5.12	TAS			m_e		
RETH	83.64	P	22:35:22.097	0.1	91.0	5.17	TAS	153.5	1.07	m_e	mb	6.2
RETH	83.64	pP	22:35:27.250	-0.3	91.2	5.12	TAS			m_e		
RGN	81.33	pP	22:35:15.483	0.1	91.2	5.12	TAS			m_e		
RJOB	81.38	P	22:35:10.276	-0.1	91.0	5.17	TAS			m_e		
RUE	80.94	P	22:35:08.481	0.0	91.0	5.17	TAS	301.3	1.05	m_e	MBB	6.5
RUE	80.94	pP	22:35:13.295	-0.1	91.2	5.12	TAS			m_e		
STU	83.79	pP	22:35:27.943	0.2	91.2	5.12	TAS			m_e		
TANN	81.68	P	22:35:12.132	0.2	91.0	5.17	TAS	112.2	1.20	m_e	mb	5.9
TANN	81.68	pP	22:35:17.128	0.1	91.2	5.12	TAS			m_e		
TNS	84.25	P	22:35:25.633	0.2	91.0	5.17	TAS	122.2	1.30	m_e	mb	6.0

TNS	84.25	pP	22:35:30.374	0.1	91.2	5.12	TAS											m_e
UBR	83.19	P	22:35:19.838	-0.3	91.0	5.17	TAS				112.6	1.20	m_e	mb				6.0
UBR	83.19	pP	22:35:24.573	-0.0	91.2	5.12	TAS											m_e
WERN	81.73	P	22:35:12.772	0.0	91.0	5.17	TAS				36.7	0.90	m_e	MBB				5.7
WERN	81.73	pP	22:35:17.406	0.1	91.2	5.12	TAS											m_e
WET	81.37	P	22:35:10.823	-0.3	91.0	5.17	TAS				292.3	1.84	m_e	MBB				6.2
WET	81.37	pP	22:35:15.636	0.1	91.2	5.12	TAS											m_e

Event 30122001 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/22	07:29:30.70			-16.4900	-173.9100				101.8					146.62	146.62	m i ke	NEIC
OrigID 30122055																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	146.62		PKP	07:48:59.962		9.0		3.19		TAS						m_e

Event 30122003 Western Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/22	11:12:22.20			33.3600	48.5200				49.8				11	30.68	34.79	m i ke	NEIC
OrigID 30122057																	

Magnitude Err Nsta Author OrigID

mb 5.2 BGR 30122009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	33.03		P	11:18:52.943		106.6		9.11		TAS		15.1	1.02	m_e	mb	4.9
BRG	30.68		P	11:18:31.994	0.4	106.6		9.11		TAS		9.2	0.93	m_e	mb	4.7
BSEG	33.87		P	11:19:00.792		106.6		9.11		TAS		36.4	1.29	m_e	mb	5.1
CLZ	33.11		P	11:18:54.022		106.6		9.11		TAS		33.7	1.02	m_e	mb	5.2
FUR	31.50		P	11:18:39.255	-0.4	106.6		9.11		TAS		50.8	0.68	m_e	mb	5.6
GRA1	31.94		P	11:18:43.523		106.6		9.11		TAS		77.0	1.62	m_e	mb	5.4
IBBN	34.79		P	11:19:09.133		106.6		9.11		TAS		67.4	1.19	m_e	mb	5.5
NRDL	33.48		P	11:18:57.702		106.6		9.11		TAS		47.5	1.07	m_e	mb	5.3
RETH	33.99		P	11:19:02.411		106.6		9.11		TAS		68.0	1.26	m_e	mb	5.4
UBR	32.16		P	11:18:44.367		106.6		9.11		TAS		26.9	0.57	m_e	mb	5.4
WET	30.75		P	11:18:32.386	-0.0	106.6		9.11		TAS		11.3	1.00	m_e	mb	4.8

Event 30122004 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/22	13:29:21.11			44.5200	142.4300				236.9	5.8		30		72.24	79.15	m i ke	BGR
OrigID 30122010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	30122010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	77.69		P	13:40:51.768	-0.6	33.6		5.69		TAS		35.5	1.34	a_e	mb 5.3
BFO	79.15		P	13:40:59.568		33.6		5.69		TAS		51.4	1.46	a_e	mb 5.3
BRG	75.02		P	13:40:36.277	0.1	33.6		5.69		TAS		62.9	1.99	m_e	mb 5.3
BSEG	73.75		P	13:40:29.507	0.2	33.6		5.69		TAS		46.3	1.22	m_e	mb 5.4
CLL	75.00		P	13:40:36.068	-0.3	33.6		5.69		TAS		29.4	0.89	a_e	mb 5.3
CLZ	75.48		P	13:40:39.618	0.2	33.6		5.69		TAS		103.3	1.67	a_e	mb 5.6
FBE	75.19		P	13:40:37.618	-0.3	33.6		5.69		TAS		136.9	2.09	a_e	mb 5.6
FLT1	74.78		P	13:40:34.668	-0.5	33.6		5.69		TAS		40.0	1.04	a_e	mb 5.4
FUR	78.24		P	13:40:54.918		33.6		5.69		TAS		97.0	1.37	a_e	mb 5.8
GEC2	76.77		P	13:40:46.384	0.0	33.6		5.69		TAS		35.6	1.61	m_e	mb 5.2
GEC2	76.77		pP	13:41:41.428						T__				m_e	
GOR1	74.21		P	13:40:32.268	0.3	33.6		5.69		TAS		119.4	1.44	a_e	mb 5.7
GRA1	76.98		P	13:40:48.118	0.0	33.6		5.69		TAS		128.3	1.72	a_e	mb 5.8
GTTG	75.87		P	13:40:41.568	0.1	33.6		5.69		TAS		116.7	1.67	a_e	mb 5.7
GUNZ	76.02		P	13:40:42.468	0.1	33.6		5.69		TAS		51.1	1.58	a_e	mb 5.4
GUNZ	76.02		pP	13:41:38.519						T__				m_e	
MANZ	76.42		P	13:40:44.618	-0.1	33.6		5.69		TAS				a_e	
MOX	76.05		P	13:40:42.568	-0.2	33.6		5.69		TAS		62.6	1.78	a_e	mb 5.4
MOX	76.05		pP	13:41:38.903						T__				m_e	
NEUB	75.54		P	13:40:39.218	0.0	33.6		5.69		TAS		42.1	1.05	a_e	mb 5.5
NRDL	75.02		P	13:40:36.714	0.2	33.6		5.69		TAS		31.5	1.42	m_e	mb 5.1
PLN	75.98		P	13:40:42.168	0.1	33.6		5.69		TAS		39.1	1.55	a_e	mb 5.3
RETH	75.07		P	13:40:37.018	0.0	33.6		5.69		TAS		88.4	1.45	a_e	mb 5.6
RGN	72.24		P	13:40:20.529	-0.2	33.6		5.69		TAS		287.0	1.19	m_e	mb 6.3
RJOB	78.02		P	13:40:53.918		33.6		5.69		TAS		24.1	1.06	a_e	mb 5.3
ROTZ	76.56		P	13:40:45.718	0.3	33.6		5.69		TAS		69.8	1.80	m_e	mb 5.5
RUE	73.77		P	13:40:29.318	-0.2	33.6		5.69		TAS		100.3	1.46	a_e	mb 5.6
STU	78.48		P	13:40:55.918		33.6		5.69		TAS		45.1	1.16	a_e	mb 5.5
TANN	75.93		P	13:40:41.827	0.1	33.6		5.69		TAS		55.2	1.50	m_e	mb 5.5
TNS	77.50		P	13:40:50.695	-0.3	33.6		5.69		TAS		42.1	1.63	m_e	mb 5.3
UBBA	76.47		P	13:40:44.618	0.3	33.6		5.69		TAS		43.3	1.83	a_e	mb 5.3
WERN	76.07		P	13:40:42.654	0.3	33.6		5.69		TAS		32.8	1.36	m_e	mb 5.3
WERN	76.07		pP	13:41:39.834						T__				m_e	
WET	76.83		P	13:40:47.218	0.1	33.6		5.69		TAS		52.1	1.56	a_e	mb 5.4
WET	76.83		pP	13:41:42.255						T__				m_e	

Event 30122006 Afghanistan-Tajikistan border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/22	15:09:26.71			37.1960	68.8650				26.3					42.67	42.67	m i ke	BGR
OrigID 30122012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	30122012
Ms	4.4		BGR	30122012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	42.67		P	15:17:20.387		96.2		7.44		TAS		28.7	1.75	m_e	mb 4.7
GRA1	42.67		pP	15:17:27.380						T__				m_e	
GRA1	42.67		L	15:37:56.195						T__		534.6	21.20	a_e	Ms 4.4

Event 30123002 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/23	21:31:30.86			41.5640	141.0060				67.8	1.8		3		75.89	81.21	m i ke	BGR
OrigID 30123008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	30123008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	81.21		P	21:43:36.831		35.9		5.52		TAS		13.8	0.89	m_e	mb 5.0
BRG	77.01		P	21:43:14.863	-0.2	35.9		5.52		TAS		7.1	0.93	m_e	mb 4.8
BSEG	75.89		P	21:43:08.726	-0.2	35.9		5.52		TAS		11.4	0.86	m_e	mb 5.0
BUG	79.00		pP	21:43:44.015						T__				m_e	
CLL	77.03		P	21:43:14.738	0.0	35.9		5.52		TAS		11.9	0.85	m_e	mb 5.0
FBE	77.20		P	21:43:16.248	-0.4	35.9		5.52		TAS		13.3	0.92	m_e	mb 5.1
FLT1	76.86		P	21:43:13.881	0.0	35.9		5.52		TAS		13.0	0.91	m_e	mb 5.1
FUR	80.22		P	21:43:32.064		35.9		5.52		TAS		19.0	0.71	m_e	mb 5.1
FUR	80.22		pP	21:43:50.837						T__				m_e	
GEC2	78.71		P	21:43:23.597		35.9		5.52		TAS		4.0	0.78	m_e	mb 4.5
GRA1	79.00		P	21:43:26.034		35.9		5.52		TAS		12.3	0.88	m_e	mb 4.9
GTTG	77.96		P	21:43:20.376	-0.0	35.9		5.52		TAS		17.4	0.98	m_e	mb 5.2
GTTG	77.96		pP	21:43:38.339						T__				m_e	
GUNZ	78.04		P	21:43:20.408		35.9		5.52		TAS		5.1	0.84	m_e	mb 4.7
MOX	78.08		P	21:43:20.471		35.9		5.52		TAS		3.3	0.83	m_e	mb 4.5
NEUB	77.58		P	21:43:17.968	0.5	35.9		5.52		TAS		18.7	1.05	m_e	mb 5.2
RJOB	79.96		P	21:43:30.553		35.9		5.52		TAS		11.6	0.82	m_e	mb 4.8
TANN	77.95		P	21:43:19.900	-0.4	35.9		5.52		TAS		3.7	0.87	m_e	mb 4.5
WERN	78.08		P	21:43:20.828		35.9		5.52		TAS		6.0	0.91	m_e	mb 4.7
WET	78.80		P	21:43:24.582		35.9		5.52		TAS		5.3	0.95	m_e	mb 4.5

Event 30123001 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/23	21:34:39.79			43.8120	145.2510				68.6	1.1		31		75.29	80.74	m i ke	BGR
OrigID 30123007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	30123007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	79.23		P	21:46:35.019	-0.7	32.0		5.52		TAS		15.2	0.89	m_e	mb 5.0
ASSE	76.71		P	21:46:21.285	0.1	32.0		5.52		TAS		20.7	1.00	m_e	mb 5.2
BFO	80.74		P	21:46:43.082		32.0		5.52		TAS		12.5	0.87	m_e	mb 5.0
BRG	76.65		P	21:46:20.911	-0.2	32.0		5.52		TAS		19.9	1.03	m_e	mb 5.2
BSEG	75.29		P	21:46:13.600	0.1	32.0		5.52		TAS		51.3	0.89	m_e	mb 5.6
BUG	78.38		P	21:46:30.354	-0.2	32.0		5.52		TAS		35.8	1.03	m_e	mb 5.4
CLL	76.62		P	21:46:20.545	0.4	32.0		5.52		TAS		52.3	0.90	m_e	mb 5.7
CLZ	77.05		P	21:46:23.627	-0.1	32.0		5.52		TAS		91.6	1.26	m_e	mb 5.8
FBE	76.82		P	21:46:22.087	-0.0	32.0		5.52		TAS		39.4	1.05	m_e	mb 5.5
FLT1	76.35		P	21:46:18.912	-0.2	32.0		5.52		TAS		44.2	0.97	m_e	mb 5.6
FUR	79.87		P	21:46:38.869		32.0		5.52		TAS		28.1	0.85	m_e	mb 5.2
FUR	79.87		pP	21:46:57.385						T__				m_e	
GEC2	78.42		P	21:46:30.777	0.4	32.0		5.52		TAS		13.5	1.00	m_e	mb 5.0
GRA1	78.59		P	21:46:32.187	-0.1	32.0		5.52		TAS		31.4	0.89	m_e	mb 5.3
GTTG	77.43		P	21:46:25.479	-0.1	32.0		5.52		TAS		46.6	0.91	m_e	mb 5.6
GUNZ	77.64		P	21:46:26.647	0.3	32.0		5.52		TAS		8.9	0.83	m_e	mb 4.9
IBBN	77.48		P	21:46:25.494	0.2	32.0		5.52		TAS		47.1	0.95	m_e	mb 5.6
MANZ	78.03		P	21:46:28.703	0.4	32.0		5.52		TAS		179.0	1.12	m_e	mb 6.1
MANZ	78.03		pP	21:46:47.440						T__				m_e	
MOX	77.65		P	21:46:26.502	-0.2	32.0		5.52		TAS		10.4	0.88	m_e	mb 5.0
NEUB	77.13		P	21:46:23.508	0.1	32.0		5.52		TAS		42.9	0.95	m_e	mb 5.6
NRDL	76.58		P	21:46:20.578	-0.1	32.0		5.52		TAS		12.0	0.90	m_e	mb 5.0
RJOB	79.68		P	21:46:38.195	-0.6	32.0		5.52		TAS		27.7	0.85	m_e	mb 5.2
ROTZ	78.18		P	21:46:29.812	-0.0	32.0		5.52		TAS		15.3	0.97	m_e	mb 5.1
RUE	75.37		P	21:46:14.181	-0.5	32.0		5.52		TAS		44.2	0.91	m_e	mb 5.5
STU	80.07		P	21:46:39.814		32.0		5.52		TAS		27.4	0.83	m_e	mb 5.2
STU	80.07		pP	21:46:58.173						T__				m_e	
TANN	77.55		P	21:46:25.956	-0.0	32.0		5.52		TAS		11.3	0.91	m_e	mb 5.0
TNS	79.06		P	21:46:34.324	1.0	32.0		5.52		TAS		11.0	0.81	m_e	mb 4.9
UBBA	78.04		P	21:46:28.424	0.4	32.0		5.52		TAS		5.8	0.77	m_e	mb 4.8
UBR	80.69		P	21:46:42.711		32.0		5.52		TAS		5.6	0.81	m_e	mb 4.6
WERN	77.69		P	21:46:27.006	-0.1	32.0		5.52		TAS		10.7	0.84	m_e	mb 5.0
WET	78.47		P	21:46:31.492	0.0	32.0		5.52		TAS		28.3	0.99	m_e	mb 5.4
WET	78.47		pP	21:46:50.358						T__				m_e	
WLF	80.28		P	21:46:42.007		32.0		5.52		TAS		23.1	0.93	m_e	mb 5.1

Event 30124003 Southwestern Siberia, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/24	07:35:44.21			50.1200	86.5700				10.0			30		43.79	49.36	m i ke	BGR
OrigID 30124009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	30124009
Ms	4.9		BGR	30124009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	48.39		P	07:44:26.259		59.7		7.79		TAS		16.4	0.81	m_e	mb 5.2
AHRW	48.39		PP	07:46:20.045						T__				m_e	
ASSE	45.63		P	07:44:04.775	-0.1	59.7		7.79		TAS		12.8	0.79	m_e	mb 5.0
ASSE	45.63		PP	07:45:51.211						T__				m_e	
BFO	48.89		P	07:44:29.361		59.7		7.79		TAS		9.5	0.73	m_e	mb 4.9
BFO	48.89		PP	07:46:25.615						T__				m_e	
BRG	44.45		P	07:43:55.124	-0.3	59.7		7.79		TAS		21.1	0.63	m_e	mb 5.0
BSEG	44.96		P	07:43:59.945	-0.6	59.7		7.79		TAS		65.5	0.65	m_e	mb 5.7
BUG	47.81		P	07:44:21.772	-0.9	59.7		7.79		TAS		29.1	0.77	m_e	mb 5.5
CLL	44.76		P	07:43:57.670	1.0	59.7		7.79		TAS		62.3	0.66	m_e	mb 5.7
CLZ	45.94		P	07:44:07.116	0.2	59.7		7.79		TAS		17.8	0.75	m_e	mb 5.2
CLZ	45.94		PP	07:45:54.466						T__				m_e	
FBE	44.76		P	07:43:57.727	-0.5	59.7		7.79		TAS		28.1	0.75	m_e	mb 5.3
FBE	44.76		PP	07:45:42.015						T__				m_e	
FLT1	45.23		P	07:44:01.006	-0.1	59.7		7.79		TAS		34.4	0.75	m_e	mb 5.4
FLT1	45.23		PP	07:45:46.517						T__				m_e	
FUR	47.33		P	07:44:18.760	0.1	59.7		7.79		TAS		49.4	0.70	m_e	mb 5.7
GEC2	45.59		P	07:44:04.468	0.1	59.7		7.79		TAS		8.3	0.82	m_e	mb 4.8
GEC2	45.59		PP	07:45:50.184						T__				m_e	
GRA1	46.55		P	07:44:12.260	0.2	59.7		7.79		TAS		23.8	0.79	m_e	mb 5.4
GRA1	46.55		PP	07:46:03.110						T__				m_e	
GRA1	46.55		L	08:03:27.943						T__		1591.8	18.40	a_e	Ms 5.0
GUNZ	45.60		P	07:44:04.644	0.1	59.7		7.79		TAS		23.4	0.76	m_e	mb 5.3
GUNZ	45.60		PP	07:45:50.872						T__				m_e	
IBBN	47.10		P	07:44:15.875	0.0	59.7		7.79		TAS		52.3	0.62	m_e	mb 5.8
MANZ	45.91		P	07:44:06.768	0.6	59.7		7.79		TAS		74.9	0.75	m_e	mb 5.8
MOX	45.85		P	07:44:06.510	0.0	59.7		7.79		TAS		23.4	0.77	m_e	mb 5.3
MOX	45.85		L	08:04:25.869						T__		916.9	19.80	a_e	Ms 4.7
NEUB	45.49		P	07:44:03.258	0.2	59.7		7.79		TAS		23.0	0.76	m_e	mb 5.2
NRDL	45.76		P	07:44:05.921	-0.3	59.7		7.79		TAS		25.7	0.86	m_e	mb 5.3
RJOB	46.68		P	07:44:13.511	-0.4	59.7		7.79		TAS		19.7	0.85	m_e	mb 5.3
ROTZ	45.97		P	07:44:07.587	-0.3	59.7		7.79		TAS		13.6	0.85	m_e	mb 5.0
RUE	43.79		P	07:43:50.438	-0.6	59.7		7.79		TAS		108.5	0.66	m_e	mb 5.7
STU	48.17		P	07:44:24.238		59.7		7.79		TAS		19.5	0.79	m_e	mb 5.3

TANN	45.50	P	07:44:03.732	0.0	59.7	7.79	TAS	27.0	0.75	m_e	mb	5.3
TANN	45.50	PP	07:45:49.312				T__			m_e		
TNS	47.81	P	07:44:21.610		59.7	7.79	TAS	17.2	0.85	m_e	mb	5.2
TNS	47.81	PP	07:46:12.966				T__			m_e		
UBBA	46.65	P	07:44:12.468	-0.2	59.7	7.79	TAS	8.4	0.88	m_e	mb	4.9
UBBA	46.65	PP	07:46:03.882				T__			m_e		
UBR	48.25	P	07:44:25.051		59.7	7.79	TAS	14.4	0.63	m_e	mb	5.3
WERN	45.61	P	07:44:04.769	0.3	59.7	7.79	TAS	31.3	0.70	m_e	mb	5.5
WET	45.91	P	07:44:06.907	0.1	59.7	7.79	TAS	11.4	0.74	m_e	mb	5.0
WET	45.91	PP	07:45:54.045				T__			m_e		
WLF	49.36	P	07:44:34.200		59.7	7.79	TAS	25.0	0.82	m_e	mb	5.3

Event 30125002 Western Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/25	12:11:46.03			32.9260	48.1570				10.0			21		30.20	35.18	m i ke	BGR
30125008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	30125008
Ms	3.7		BGR	30125008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	33.14		P	12:18:21.531		107.6		8.77		TAS		5.4	0.81	m_e	mb	4.5
BRG	30.77		P	12:18:01.092	-0.4	107.6		8.77		TAS		4.9	0.79	m_e	mb	4.5
BSEG	34.00		P	12:18:28.611		107.6		8.77		TAS		10.3	0.97	m_e	mb	4.7
CLL	31.49		P	12:18:07.256	-0.5	107.6		8.77		TAS		9.8	0.89	m_e	mb	4.7
CLZ	33.21		P	12:18:22.492		107.6		8.77		TAS		19.9	0.78	m_e	mb	5.1
FBE	31.14		P	12:18:03.606	-1.1	107.6		8.77		TAS		4.6	0.75	m_e	mb	4.5
FLT1	32.88		P	12:18:18.947	0.2	107.6		8.77		TAS		20.6	0.81	m_e	mb	5.1
GEC2	30.20		P	12:17:57.953	1.2	107.6		8.77		TAS		7.1	1.11	m_e	mb	4.4
GRA1	32.01		P	12:18:12.180	-0.4	107.6		8.77		TAS		6.3	0.69	m_e	mb	4.7
GRA1	32.01		L	12:35:46.302						T__		185.2	20.40	a_e	Ms	3.8
GTTG	33.35		P	12:18:26.049		107.6		8.77		TAS		15.5	0.99	m_e	mb	4.9
MOX	32.07		P	12:18:13.431	-0.3	107.6		8.77		TAS		2.9	0.95	m_e	mb	4.2
MOX	32.07		L	12:32:48.790						T__		184.1	21.70	a_e	Ms	3.7
NEUB	32.17		P	12:18:14.579	0.2	107.6		8.77		TAS		13.2	0.81	m_e	mb	4.9
NRDL	33.59		P	12:18:26.026		107.6		8.77		TAS		23.6	1.06	m_e	mb	5.0
RGN	32.66		P	12:18:15.785	-0.4	107.6		8.77		TAS		95.0	0.93	m_e	mb	5.7
RJOB	30.45		P	12:18:00.200	1.6	107.6		8.77		TAS		6.3	0.67	m_e	mb	4.6
ROTZ	31.43		P	12:18:06.005	-1.5	107.6		8.77		TAS		5.6	0.73	m_e	mb	4.6
RUE	31.51		P	12:18:07.256	0.8	107.6		8.77		TAS		21.1	0.73	m_e	mb	5.2
TNS	33.88		P	12:18:28.611		107.6		8.77		TAS		12.1	0.98	m_e	mb	4.8
UBR	32.19		P	12:18:13.432	1.9	107.6		8.77		TAS		15.4	0.95	m_e	mb	4.9
WET	30.81		P	12:18:01.181	-1.0	107.6		8.77		TAS		6.4	0.90	m_e	mb	4.5
WLF	35.18		P	12:18:40.327		107.6		8.77		TAS		31.1	0.84	m_e	mb	5.3

Event 30125004 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/25	14:48:18.18	0.57	1.41	44.0370	10.6420	12.2	10.0	43	10.0			23	286	3.29	6.64	m i ke	BGR
OrigID 30125010																	

Magnitude	Err	Nsta	Author	OrigID
ML	5.2		BGR	30125010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	4.69		Pn	14:49:28.143	0.8					T__				m_e	
BE1	3.90		Pn	14:49:17.256	0.6					T__				m_e	
BFO	4.58		Sn	14:50:13.724	-1.3					T__				m_e	
BFO	4.58		Pn	14:49:24.774	-1.1					T__				m_e	ML 5.3
DAVA	3.29		Sn	14:49:45.977	1.2					T__				m_e	
DAVA	3.29		Pn	14:49:09.717	1.2					T__				m_e	ML 5.3
FUR	4.15		Pn	14:49:20.198	0.1					T__				m_e	
GEC2	5.25		Pn	14:49:34.556	-0.4					T__				m_e	
GRA1	5.67		Pn	14:49:38.625	-1.9					T__				m_e	ML 5.5
KBA	3.59		Sg	14:50:09.609	-2.4					T__				m_e	ML 5.0
KW1	4.31		Pn	14:49:23.386	1.2					T__				m_e	
MANZ	6.04		Sn	14:50:50.089	1.2					T__				m_e	
MANZ	6.04		Pn	14:49:43.663	-1.8					T__				m_e	ML 5.0
MOA	4.57		Pn	14:49:26.855	1.1					T__				m_e	ML 5.1
MOX	6.64		Sn	14:51:02.264	-0.8					T__				m_e	
MOX	6.64		Pn	14:49:51.577	-2.1					T__				m_e	ML 5.1
NORI	4.68		Sn	14:50:18.121	0.8					T__				m_e	
NORI	4.68		Pn	14:49:25.941	-1.3					T__				m_e	
OBKA	3.70		Pn	14:49:14.776	0.8					T__				m_e	ML 5.3
PART	3.48		Sn	14:49:53.581	4.5					T__				m_e	
PART	3.48		Pn	14:49:12.094	1.1					T__				m_e	
RJOB	3.99		Pn	14:49:18.824	0.9					T__				m_e	ML 5.1
ROTZ	5.83		Pn	14:49:41.020	-1.7					T__				m_e	
STU	4.84		Sn	14:50:19.263	-1.7					T__				m_e	
STU	4.84		Pn	14:49:28.398	-0.9					T__				m_e	ML 5.3
TNS	6.37		Sn	14:50:55.180	-1.4					T__				m_e	
TNS	6.37		Pn	14:49:49.589	-0.3					T__				m_e	ML 5.2
UBR	3.66		Sn	14:49:54.215	0.8					T__				m_e	
UBR	3.66		Pn	14:49:14.012	0.5					T__				m_e	ML 5.4
WET	5.34		Sn	14:50:31.437	-1.1					T__				m_e	
WET	5.34		Pn	14:49:35.300	-0.7					T__				m_e	ML 4.9
WLF	6.42		Sn	14:50:58.539	0.8					T__				m_e	
WLF	6.42		Pn	14:49:51.101	0.5					T__				m_e	
ZUGS	3.39		Sn	14:49:48.045	1.0					T__				m_e	
ZUGS	3.39		Pn	14:49:11.420	1.6					T__				m_e	

Event 30125005 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/25	18:52:23.01	0.81	0.87	43.0800	19.3100	27.8	10.0	64	10.0			17	337	4.82	10.33	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
ML	4.5		BGR	30125011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	4.96		Sn	18:54:26.535	-1.9					T__				m_e	
ARSA	4.96		Pn	18:53:35.305	-0.4					T__				m_e ML	4.2
BE1	7.46		Pn	18:54:09.730	0.3					T__				m_e	
BFO	9.30		Pn	18:54:32.739	-1.5					T__				m_e	
DAVA	7.88		Pn	18:54:14.403	-0.7					T__				m_e ML	4.8
GEC2	6.96		Sn	18:55:14.517	-0.9					T__				m_e	
GEC2	6.96		Pn	18:54:03.171	0.4					T__				m_e ML	4.3
GRA1	8.66		Pn	18:54:25.310	-0.2					T__				m_e ML	4.8
KBA	5.81		Pn	18:53:47.032	-0.3					T__				m_e ML	4.4
MANZ	8.50		Sn	18:55:51.599	0.3					T__				m_e	
MANZ	8.50		Pn	18:54:23.597	0.1					T__				m_e ML	4.5
MOA	5.94		Sn	18:54:51.317	-0.2					T__				m_e	
MOA	5.94		Pn	18:53:49.186	0.1					T__				m_e ML	4.5
MOX	9.22		Sn	18:56:08.842	0.9					T__				m_e	
MOX	9.22		Pn	18:54:34.660	1.6					T__				m_e	
NORI	8.27		Pn	18:54:20.276	-0.1					T__				m_e	
OBKA	4.82		Pn	18:53:32.952	-0.9					T__				m_e ML	4.5
RJOB	6.53		Sn	18:55:06.587	1.2					T__				m_e	
RJOB	6.53		Pn	18:53:57.144	0.1					T__				m_e ML	4.5
ROTZ	8.29		Sn	18:55:45.177	-1.2					T__				m_e	
ROTZ	8.29		Pn	18:54:21.391	0.7					T__				m_e ML	4.3
TNS	10.33		Sn	18:56:35.550	1.8					T__				m_e	
TNS	10.33		Pn	18:54:47.850	-0.2					T__				m_e	
UBR	7.94		Pn	18:54:15.981	0.0					T__				m_e ML	4.9
WET	7.53		Sn	18:55:28.498	-0.1					T__				m_e	
WET	7.53		Pn	18:54:11.393	1.0					T__				m_e ML	4.3

Event 30125006 Madagascar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/25	23:37:14.58			-21.0940	43.7850				26.0	1.0		25		73.96	79.01	m i ke	BGR

Magnitude Err Nsta Author OrigID
 mb 5.0 BGR 30125012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	78.34		P	23:49:15.110		148.9		5.68		TAS		10.3	0.89	m_e	mb 5.0
BFO	76.05		P	23:49:01.675	-0.0	148.9		5.68		TAS		9.0	0.88	m_e	mb 4.9
BRG	76.33		P	23:49:03.361	0.4	148.9		5.68		TAS		7.0	0.92	m_e	mb 4.8
BRG	76.33		pP	23:49:10.966						T__				m_e	
BUG	79.01		P	23:49:18.453		148.9		5.68		TAS		14.4	0.85	m_e	mb 5.0
CLL	76.99		P	23:49:07.167	-0.1	148.9		5.68		TAS		11.8	0.88	m_e	mb 5.0
CLZ	78.29		P	23:49:14.658	-0.1	148.9		5.68		TAS		5.5	0.84	m_e	mb 4.7
FBE	76.55		P	23:49:04.754	0.0	148.9		5.68		TAS		6.6	0.85	m_e	mb 4.8
FUR	74.84		P	23:48:55.350	0.4	148.9		5.68		TAS		38.1	0.84	m_e	mb 5.5
GEC2	74.62		P	23:48:53.488	-0.2	148.9		5.68		TAS		7.1	0.89	m_e	mb 4.7
GRA1	76.17		P	23:49:02.750	0.2	148.9		5.68		TAS		31.5	0.80	m_e	mb 5.5
GUNZ	76.38		P	23:49:04.074	0.4	148.9		5.68		TAS		17.6	0.92	m_e	mb 5.2
MANZ	76.13		P	23:49:02.133	0.2	148.9		5.68		TAS		63.2	0.86	m_e	mb 5.8
MANZ	76.13		pP	23:49:09.718						T__				m_e	
MOX	76.86		P	23:49:06.481	0.1	148.9		5.68		TAS		9.4	0.88	m_e	mb 4.9
MOX	76.86		pP	23:49:13.669						T__				m_e	
NEUB	77.28		P	23:49:08.934	0.0	148.9		5.68		TAS		5.6	0.82	m_e	mb 4.7
NRDL	78.93		P	23:49:17.407		148.9		5.68		TAS		4.5	0.85	m_e	mb 4.5
RJOB	73.96		P	23:48:49.441	-0.5	148.9		5.68		TAS		6.4	0.81	m_e	mb 4.7
ROTZ	75.91		P	23:49:00.911	-0.1	148.9		5.68		TAS		10.4	0.82	m_e	mb 5.0
ROTZ	75.91		pP	23:49:08.402						T__				m_e	
RUE	77.78		P	23:49:11.798	0.1	148.9		5.68		TAS		24.3	0.94	m_e	mb 5.3
TANN	76.39		P	23:49:04.115	0.1	148.9		5.68		TAS		37.7	0.82	m_e	mb 5.6
TNS	77.58		P	23:49:10.502	-0.2	148.9		5.68		TAS		9.9	0.96	m_e	mb 4.9
UBBA	77.54		P	23:49:10.195	0.2	148.9		5.68		TAS		2.1	0.83	m_e	mb 4.3
UBR	74.85		P	23:48:55.225	0.3	148.9		5.68		TAS		21.5	0.79	m_e	mb 5.2
WERN	76.30		P	23:49:03.459	0.0	148.9		5.68		TAS		4.8	0.77	m_e	mb 4.7
WET	75.15		P	23:48:56.088	-0.6	148.9		5.68		TAS		2.8	0.74	m_e	mb 4.4
WLF	77.96		P	23:49:12.335	0.4	148.9		5.68		TAS		25.8	0.82	m_e	mb 5.4

Event 30127002 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
2013/01/27	18:41:47.00			36.3970	141.6260				72.5	1.6		28		80.53	85.94	m i ke	BGR
OrigID 30127008																	

Magnitude Err Nsta Author OrigID
 mb 5.2 BGR 30127008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.62		P	18:54:12.171		38.1		5.16		TAS		12.5	0.89	m_e	mb 5.1

BFO	85.94	P	18:54:18.080	38.1	5.16	TAS	22.4	0.85	m_e	mb	5.4	
BRG	81.69	P	18:53:56.311	0.0	38.1	5.16	TAS	20.2	1.05	m_e	mb	5.1
BSEG	80.71	P	18:53:51.391	-0.4	38.1	5.16	TAS	20.5	0.84	m_e	mb	5.1
BUG	83.82	P	18:54:07.137	-0.7	38.1	5.16	TAS	14.3	0.85	m_e	mb	5.2
CLL	81.73	P	18:53:56.331	-0.1	38.1	5.16	TAS	22.9	0.87	m_e	mb	5.2
CLL	81.73	pP	18:54:15.791			T__				m_e		
CLZ	82.34	P	18:53:59.675	0.0	38.1	5.16	TAS	18.2	0.92	m_e	mb	5.2
CLZ	82.34	pP	18:54:19.713			T__				m_e		
FLT1	81.63	P	18:53:55.642	-0.0	38.1	5.16	TAS	20.9	0.83	m_e	mb	5.2
FUR	84.89	P	18:54:13.103		38.1	5.16	TAS	32.9	0.80	m_e	mb	5.6
GEC2	83.34	P	18:54:04.824	0.6	38.1	5.16	TAS	12.1	1.08	m_e	mb	5.1
GRA1	83.71	P	18:54:07.436	-0.4	38.1	5.16	TAS	32.2	0.84	m_e	mb	5.6
GTTG	82.73	P	18:54:02.031	-0.3	38.1	5.16	TAS	25.6	0.87	m_e	mb	5.4
GUNZ	82.74	P	18:54:02.052	0.3	38.1	5.16	TAS	14.2	1.03	m_e	mb	5.0
IBBN	82.94	P	18:54:02.906	0.6	38.1	5.16	TAS	23.2	0.81	m_e	mb	5.4
IBBN	82.94	pP	18:54:22.533			T__				m_e		
MOX	82.80	P	18:54:02.181	0.2	38.1	5.16	TAS	16.6	1.12	m_e	mb	5.1
NEUB	82.31	P	18:53:59.646	0.3	38.1	5.16	TAS	30.5	0.84	m_e	mb	5.5
NRDL	81.92	P	18:53:57.563	-0.1	38.1	5.16	TAS	7.6	0.79	m_e	mb	4.8
RJOB	84.58	P	18:54:11.618		38.1	5.16	TAS	16.7	0.96	m_e	mb	5.2
RJOB	84.58	pP	18:54:31.195			T__				m_e		
ROTZ	83.25	P	18:54:04.851	0.1	38.1	5.16	TAS	8.3	0.82	m_e	mb	5.0
RUE	80.53	P	18:53:50.165	0.1	38.1	5.16	TAS	14.4	0.93	m_e	mb	4.9
STU	85.25	P	18:54:14.423		38.1	5.16	TAS	29.8	0.92	m_e	mb	5.5
TANN	82.64	P	18:54:01.303	0.1	38.1	5.16	TAS	7.6	0.79	m_e	mb	4.9
TNS	84.37	P	18:54:10.334	-0.3	38.1	5.16	TAS	7.2	0.77	m_e	mb	5.0
UBBA	83.30	P	18:54:04.394	0.2	38.1	5.16	TAS	3.4	0.88	m_e	mb	4.6
UBR	85.75	P	18:54:16.769		38.1	5.16	TAS	4.5	0.93	m_e	mb	4.7
WERN	82.78	P	18:54:02.317	-0.1	38.1	5.16	TAS	15.7	1.00	m_e	mb	5.1
WET	83.46	P	18:54:05.739	0.1	38.1	5.16	TAS	8.3	0.95	m_e	mb	4.9

Event 30127003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/27	20:02:26.83			-18.0330	-177.6160				33.0			20		144.48	149.76	m i ke	BGR
30127009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	145.96		PKPbc	20:22:02.736	0.3	15.8		2.84		TAS					m_e
CLL	145.75		PKPbc	20:22:01.919	0.3	15.8		2.84		TAS					m_e
CLZ	145.68		PKPbc	20:22:01.774	-0.6	15.8		2.84		TAS					m_e
FLT1	145.07		PKPbc	20:21:59.428	0.4	15.8		2.84		TAS					m_e
GEC2	147.92		PKPbc	20:22:08.021		15.8		2.84		TAS					m_e
GRA1	147.62		PKPbc	20:22:07.225		15.8		2.84		TAS					m_e

GTTG	146.03	PKPbc	20:22:03.104	0.3	15.8	2.84	TAS	m_e
GUNZ	146.78	PKPbc	20:22:04.942		15.8	2.84	TAS	m_e
IBBN	145.54	PKPbc	20:22:01.457	0.5	15.8	2.84	TAS	m_e
MANZ	147.18	PKPbc	20:22:06.036		15.8	2.84	TAS	m_e
MOX	146.64	PKPbc	20:22:04.433	0.0	15.8	2.84	TAS	m_e
NRDL	145.08	PKPbc	20:21:59.456	0.6	15.8	2.84	TAS	m_e
RJOB	149.17	PKPbc	20:22:10.925		15.8	2.84	TAS	m_e
ROTZ	147.37	PKPbc	20:22:06.584		15.8	2.84	TAS	m_e
RUE	144.48	PKPbc	20:21:57.104	0.2	15.8	2.84	TAS	m_e
TANN	146.70	PKPbc	20:22:04.942	-0.6	15.8	2.84	TAS	m_e
TNS	147.52	PKPbc	20:22:07.003		15.8	2.84	TAS	m_e
UBBA	146.73	PKPbc	20:22:03.921	-0.4	15.8	2.84	TAS	m_e
UBR	149.76	PKPbc	20:22:12.649		15.8	2.84	TAS	m_e
WLF	148.30	PKPbc	20:22:09.271		15.8	2.84	TAS	m_e

Event 30127004 Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/27	20:57:36.04			26.9000	127.9700				33.0			30		81.45	87.93	m i ke	BGR
OrigID 30127010																	

Magnitude Err Nsta Author OrigID
 mb 5.5 BGR 30127010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	86.91		P	21:10:14.538		53.0		5.01		TAS		10.0	0.91	m_e mb	4.9
ASSE	84.15		P	21:10:00.114	0.1	53.0		5.01		TAS		15.7	0.89	m_e mb	5.2
BFO	87.68		P	21:10:16.840		53.0		5.01		TAS		4.8	0.72	m_e mb	4.9
BRG	83.24		P	21:09:54.955	-0.5	53.0		5.01		TAS		9.7	0.70	m_e mb	5.1
BSEG	83.23		P	21:09:55.215	-0.1	53.0		5.01		TAS		52.8	0.81	m_e mb	5.8
CLL	83.47		P	21:09:56.220	-0.5	53.0		5.01		TAS		46.4	0.72	m_e mb	5.8
CLZ	84.48		P	21:10:02.305	0.5	53.0		5.01		TAS		57.4	0.82	m_e mb	5.8
FLT1	83.75		P	21:09:57.563	0.1	53.0		5.01		TAS		48.0	0.79	m_e mb	5.8
FUR	86.23		P	21:10:10.699	-0.9	53.0		5.01		TAS		50.7	0.89	m_e mb	5.7
GEC2	84.53		P	21:10:01.889	0.2	53.0		5.01		TAS		12.0	0.84	m_e mb	5.2
GRA1	85.34		P	21:10:06.504	-0.2	53.0		5.01		TAS		33.3	0.87	m_e mb	5.6
GTTG	84.86		P	21:10:04.033	0.8	53.0		5.01		TAS		66.4	0.75	m_e mb	5.9
GUNZ	84.37		P	21:10:01.194	0.7	53.0		5.01		TAS		29.7	0.81	m_e mb	5.6
IBBN	85.45		P	21:10:06.964	0.7	53.0		5.01		TAS		36.1	0.71	m_e mb	5.7
MOX	84.57		P	21:10:02.163	0.5	53.0		5.01		TAS		10.8	0.80	m_e mb	5.1
NEUB	84.16		P	21:10:00.260	0.3	53.0		5.01		TAS		57.9	0.74	m_e mb	5.9
NRDL	84.21		P	21:10:00.554	0.0	53.0		5.01		TAS		22.9	0.93	m_e mb	5.4
RGN	81.45		P	21:09:45.989	-0.4	53.0		5.01		TAS		115.1	0.90	m_e mb	5.9
RJOB	85.66		P	21:10:08.423	-0.5	53.0		5.01		TAS		23.4	0.77	m_e mb	5.4
ROTZ	84.79		P	21:10:03.752	0.5	53.0		5.01		TAS		29.2	0.84	m_e mb	5.5
RUE	82.40		P	21:09:51.178	-0.1	53.0		5.01		TAS		28.0	0.77	m_e mb	5.5

STU	86.96	P	21:10:13.679		53.0	5.01	TAS	12.0	0.72	m_e	mb	5.1
TANN	84.27	P	21:10:00.550	0.1	53.0	5.01	TAS	29.0	0.98	m_e	mb	5.5
TNS	86.43	P	21:10:11.292	-0.5	53.0	5.01	TAS	9.2	0.70	m_e	mb	5.0
UBBA	85.28	P	21:10:05.545	0.2	53.0	5.01	TAS	12.1	0.85	m_e	mb	5.2
UBR	87.15	P	21:10:14.750		53.0	5.01	TAS	16.3	0.75	m_e	mb	5.2
WERN	84.39	P	21:10:01.320	-0.1	53.0	5.01	TAS	34.2	0.90	m_e	mb	5.6
WET	84.80	P	21:10:03.507	0.5	53.0	5.01	TAS	6.1	0.85	m_e	mb	4.9
WLF	87.93	P	21:10:18.467		53.0	5.01	TAS	29.9	0.81	m_e	mb	5.7

Event 30128003 Lake Issyk-Kul, Kyrgyzstan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/28	16:38:56.86			42.9300	79.3000				33.0			34		43.47	49.14	m i ke	BGR
OrigID 30128009																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.2		BGR	30128009
Ms	6.2		BGR	30128009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	48.27		P	16:47:38.035	-0.3	72.2		7.82		TAS				m_e	
ASSE	45.62		P	16:47:17.204	-0.2	72.2		7.82		TAS		279.3	1.87	m_e	mb 6.0
BFO	48.30		P	16:47:37.998	-0.1	72.2		7.82		TAS		331.8	1.42	m_e	mb 6.3
BRG	44.02		P	16:47:04.649	-0.4	72.2		7.82		TAS		512.5	1.78	m_e	mb 6.0
BSEG	45.33		P	16:47:15.477	0.9	72.2		7.82		TAS		321.8	1.35	m_e	mb 6.1
BUG	47.85		P	16:47:34.745	-0.2	72.2		7.82		TAS		384.6	1.47	m_e	mb 6.3
CLL	44.47		P	16:47:07.790	-0.8	72.2		7.82		TAS		344.1	1.31	m_e	mb 5.9
CLZ	45.89		P	16:47:19.311	-0.2	72.2		7.82		TAS		241.6	1.55	m_e	mb 6.0
FLT1	45.23		P	16:47:13.582	-0.8	72.2		7.82		TAS		343.4	1.58	m_e	mb 6.0
FUR	46.52		P	16:47:25.124	0.9	72.2		7.82		TAS		852.4	1.49	m_e	mb 6.7
GEC2	44.77		P	16:47:10.954	0.4	72.2		7.82		TAS		428.7	1.82	m_e	mb 6.1
GOR1	45.01		P	16:47:13.051	0.6	72.2		7.82		TAS		642.2	1.37	m_e	mb 6.4
GRA1	46.04		P	16:47:21.280	0.5	72.2		7.82		TAS		816.3	1.48	m_e	mb 6.5
GRA1	46.04		L	17:06:25.664						T__		22259.9	19.50	a_e	Ms 6.1
GTTG	46.22		P	16:47:22.307	0.1	72.2		7.82		TAS		775.3	1.29	m_e	mb 6.6
GUNZ	45.15		P	16:47:13.768	-0.1	72.2		7.82		TAS		314.7	1.39	m_e	mb 6.1
IBBN	47.28		P	16:47:30.188	0.2	72.2		7.82		TAS		438.7	1.61	m_e	mb 6.3
MANZ	45.40		P	16:47:15.715	-0.1	72.2		7.82		TAS		1850.2	1.41	m_e	mb 6.8
MOX	45.50		P	16:47:16.482	-0.1	72.2		7.82		TAS		325.8	1.45	m_e	mb 6.2
MOX	45.50		L	17:06:07.321						T__		25874.4	18.30	a_e	Ms 6.2
NEUB	45.24		P	16:47:14.094	-0.5	72.2		7.82		TAS		383.6	1.26	m_e	mb 6.2
NRDL	45.85		P	16:47:19.593	0.5	72.2		7.82		TAS		523.3	1.35	m_e	mb 6.4
PLN	45.22		P	16:47:14.201	-0.2	72.2		7.82		TAS		168.9	1.25	m_e	mb 5.8
RETH	46.21		P	16:47:22.212	0.4	72.2		7.82		TAS		253.3	1.45	m_e	mb 6.0
RGN	43.47		P	16:47:00.580	0.6	72.2		7.82		TAS		1301.1	1.44	m_e	mb 6.5
RJOB	45.70		P	16:47:17.847	0.3	72.2		7.82		TAS		277.8	1.90	m_e	mb 6.0

ROTZ	45.41	P	16:47:15.971	0.1	72.2	7.82	TAS	315.0	1.60	m_e	mb	6.0
RUE	43.69	P	16:47:01.567	-0.8	72.2	7.82	TAS	420.6	1.49	m_e	mb	6.0
STU	47.61	P	16:47:32.756	-0.1	72.2	7.82	TAS	415.1	1.39	m_e	mb	6.4
TANN	45.06	P	16:47:13.025	-0.1	72.2	7.82	TAS	575.0	1.40	m_e	mb	6.3
TNS	47.56	P	16:47:32.582	-0.2	72.2	7.82	TAS	266.1	1.73	m_e	mb	6.1
UBBA	46.42	P	16:47:23.406	-0.4	72.2	7.82	TAS	265.7	1.48	m_e	mb	6.1
UBR	47.43	P	16:47:31.411	-0.1	72.2	7.82	TAS	579.6	1.48	m_e	mb	6.5
WERN	45.15	P	16:47:13.799	-0.0	72.2	7.82	TAS	354.3	1.68	m_e	mb	6.0
WET	45.19	P	16:47:14.075	0.1	72.2	7.82	TAS	210.1	1.28	m_e	mb	5.9
WLF	49.14	P	16:47:44.929		72.2	7.82	TAS	719.6	1.30	m_e	mb	6.5

Event 30130006 Off coast of Oregon, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/30	03:14:29.03			43.3640	-127.5440				33.0					76.59	82.07	m i ke	BGR
OrigID 30130012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	30130012
Ms	4.9		BGR	30130012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	80.78		L	04:01:44.292						T__		475.1	19.60	a_e	Ms	4.9
BSEG	76.59		L	03:59:26.874						T__		549.8	18.50	a_e	Ms	4.9
FUR	81.91		L	04:02:15.780						T__		575.8	21.80	a_e	Ms	4.9
GEC2	82.07		L	04:03:14.411						T__		415.4	20.70	a_e	Ms	4.8
GOR1	77.70		L	03:59:34.757						T__		675.8	18.70	a_e	Ms	5.0
GRA1	80.56		P	03:26:39.980		334.1		4.80		TAS		43.0	1.46	m_e	mb	5.3
GRA1	80.56		L	04:01:20.209						T__		585.7	19.00	a_e	Ms	5.0
MOX	79.85		L	04:00:54.983						T__		586.0	18.90	a_e	Ms	4.9
RETH	77.33		L	04:02:51.221						T__		841.6	18.70	a_e	Ms	5.1
TNS	79.20		L	04:01:03.696						T__		471.2	19.70	a_e	Ms	4.8
WET	81.56		L	04:01:04.620						T__		384.8	21.50	a_e	Ms	4.7

Event 30130007 Xizang

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/30	09:27:11.59			32.4000	93.0890				33.0				25	58.81	63.38	m i ke	BGR
OrigID 30130013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	30130013
Ms	4.8		BGR	30130013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	63.38		P	09:37:37.661		73.0		6.80		TAS		46.6	0.96	m_e	mb 5.6
BFO	63.34		P	09:37:36.567		73.0		6.80		TAS		19.4	0.92	m_e	mb 5.2
BFO	63.34		L	10:07:42.614						T__		698.6	18.30	a_e	Ms 4.9
BRG	59.10		P	09:37:06.815	1.3	73.0		6.80		TAS		41.6	0.82	m_e	mb 5.5
BSEG	60.46		P	09:37:16.486	0.6	73.0		6.80		TAS		51.1	0.87	m_e	mb 5.6
BSEG	60.46		L	10:04:46.048						T__		555.3	19.60	a_e	Ms 4.7
CLL	59.57		P	09:37:11.189	-0.0	73.0		6.80		TAS		30.4	0.92	m_e	mb 5.3
CLZ	61.00		P	09:37:20.015	-0.2	73.0		6.80		TAS		77.2	0.95	m_e	mb 5.5
FBE	59.45		P	09:37:11.561	0.1	73.0		6.80		TAS		37.2	1.01	a_e	mb 5.4
FLT1	60.36		P	09:37:14.654	-0.7	73.0		6.80		TAS		29.9	0.96	m_e	mb 5.3
FUR	61.53		P	09:37:24.156		73.0		6.80		TAS		93.4	0.84	m_e	mb 6.0
FUR	61.53		L	10:06:30.532						T__		588.5	18.00	a_e	Ms 4.8
GEC2	59.78		P	09:37:12.512	2.6	73.0		6.80		TAS		25.0	0.92	m_e	mb 5.2
GEC2	59.78		L	10:06:53.899						T__		559.2	19.40	a_e	Ms 4.7
GOR1	60.14		P	09:37:17.212	-0.1	73.0		6.80		TAS		60.6	1.03	m_e	mb 5.6
GRA1	61.10		P	09:37:21.661	-0.0	73.0		6.80		TAS		51.6	0.83	m_e	mb 5.4
GRA1	61.10		L	10:05:49.599						T__		742.6	19.70	a_e	Ms 4.8
GTTG	61.33		P	09:37:22.932	0.8	73.0		6.80		TAS		100.9	0.89	m_e	mb 5.7
GUNZ	60.23		P	09:37:14.969	-0.2	73.0		6.80		TAS		37.2	0.82	m_e	mb 5.5
MANZ	60.47		P	09:37:17.855	-0.4	73.0		6.80		TAS		274.8	1.07	m_e	mb 6.2
MOX	60.59		P	09:37:17.068	-0.9	73.0		6.80		TAS		17.0	0.97	m_e	mb 4.8
MOX	60.59		L	10:06:57.984						T__		524.9	20.70	a_e	Ms 4.7
NEUB	60.34		P	09:37:15.619	-0.1	73.0		6.80		TAS		64.6	0.91	m_e	mb 5.7
NRDL	60.98		P	09:37:19.509	0.1	73.0		6.80		TAS		66.9	0.90	m_e	mb 5.5
PLN	60.30		P	09:37:16.885	-1.6	73.0		6.80		TAS		21.4	0.92	m_e	mb 5.2
RETH	61.34		P	09:37:22.618	-0.2	73.0		6.80		TAS		19.5	0.85	m_e	mb 5.0
ROTZ	60.47		P	09:37:16.810	-0.9	73.0		6.80		TAS		59.1	1.08	m_e	mb 5.5
RUE	58.81		P	09:37:05.576	-1.1	73.0		6.80		TAS		54.8	0.88	m_e	mb 5.6
TANN	60.13		P	09:37:14.828	1.7	73.0		6.80		TAS		51.1	0.92	m_e	mb 5.5
TNS	62.65		L	10:08:11.077						T__		873.5	19.80	a_e	Ms 4.9
WERN	60.22		P	09:37:17.274	-0.6	73.0		6.80		TAS		28.2	1.00	m_e	mb 5.2
WET	60.22		P	09:37:15.364	0.8	73.0		6.80		TAS		21.9	0.89	m_e	mb 5.2
WET	60.22		L	10:05:20.999						T__		738.7	18.40	a_e	Ms 4.9

Event 30130008 Central Chile

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/30	20:15:43.40			-28.1800	-70.8000				33.0			25		103.81	108.19	m i ke	NEIC
30130047																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.8		BGR	30130014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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AHRW	104.09	Pdiff	20:29:43.861	0.1	T__									m_e	
ASSE	106.81	Pdiff	20:29:56.224	-0.7	T__									m_e	
BFO	103.81	Pdiff	20:29:42.070	0.4	T__									m_e	
BFO	103.81	L	21:13:07.197		T__	21697.6	21.80	a_e	Ms					6.6	
BRG	108.19	Pdiff	20:30:02.343		T__									m_e	
BSEG	107.35	L	21:15:57.642		T__	30026.1	21.50	a_e	Ms					6.8	
BUG	104.61	Pdiff	20:29:45.495	0.1	T__									m_e	
CLL	107.81	Pdiff	20:30:00.402		T__									m_e	
FBE	107.86	Pdiff	20:30:00.979		T__									m_e	
FLT1	107.21	Pdiff	20:29:57.181		T__									m_e	
FUR	105.51	Pdiff	20:29:50.233	0.5	T__									m_e	
FUR	105.51	L	21:17:10.570		T__	37250.4	21.20	a_e	Ms					6.9	
GEC2	107.27	Pdiff	20:29:58.043		T__									m_e	
GEC2	107.27	L	21:16:44.792		T__	23625.2	22.00	a_e	Ms					6.7	
GRA1	106.12	Pdiff	20:29:51.753	0.1	T__									m_e	
GRA1	106.12	PP	20:34:12.367		T__									m_e	
GRA1	106.12	L	21:19:01.084		T__	20951.0	19.30	a_e	Ms					6.7	
GUNZ	107.05	Pdiff	20:29:57.317	-0.1	T__									m_e	
IBBN	105.26	Pdiff	20:29:48.723	0.0	T__									m_e	
MOX	106.74	L	21:16:08.093		T__	25496.7	21.60	a_e	Ms					6.7	
NEUB	107.06	Pdiff	20:29:57.190		T__									m_e	
NRDL	106.64	Pdiff	20:29:55.482	0.4	T__									m_e	
PLN	107.00	Pdiff	20:29:56.883	-0.2	T__									m_e	
RETH	106.33	Pdiff	20:29:53.876	0.2	T__									m_e	
ROTZ	106.73	Pdiff	20:29:55.932	0.2	T__									m_e	
STU	104.52	Pdiff	20:29:45.610	0.2	T__									m_e	
TANN	107.14	Pdiff	20:29:58.104		T__									m_e	
TNS	104.73	Pdiff	20:29:46.534	-0.2	T__									m_e	
TNS	104.73	L	21:17:46.865		T__	45724.3	20.80	a_e	Ms					7.0	
UBBA	105.88	Pdiff	20:29:52.201	-1.1	T__									m_e	
UBR	104.60	Pdiff	20:29:46.169	-0.4	T__									m_e	
WERN	107.04	Pdiff	20:29:57.553	0.1	T__									m_e	
WET	106.89	Pdiff	20:29:56.306	-0.2	T__									m_e	
WET	106.89	L	21:17:39.372		T__	28330.2	21.60	a_e	Ms					6.8	

Event 30131006 Santa Cruz Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/31	03:33:43.80			-10.6300	166.3800				33.0					135.95	136.00	m i k e	NEIC
30131045																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.0		BGR	30131012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	135.95		PKPdf	03:53:06.384		36.4				TAS				m_e	

GRA1	135.95	L	05:08:40.135	T__	3040.7	21.90	a_e	Ms	6.0
GRB4	136.00	PP	03:55:44.835	T__			m_e		

Event 30131007 Santa Cruz Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/31	03:58:04.00			-10.6800	166.3900				33.0					135.08	136.16	m i ke	NEIC
OrigID 30131046																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.8		BGR	30131013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	136.00		L	05:24:05.515						T__		1974.0	18.90	a_e	Ms 5.9
GRB2	136.16		PKPdf	04:17:17.717		36.5		1.55		TAS				m_e	
MOX	135.08		L	05:19:55.771						T__		1502.8	19.10	a_e	Ms 5.7

Event 30131005 Off coast of southeastern Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2013/01/31	09:53:45.47			55.3380	-136.7260				33.0					71.14	73.27	m i ke	BGR
OrigID 30131011																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.0		BGR	30131011
Ms	5.7		BGR	30131011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	72.62		L	10:37:26.638						T__		4219.3	18.40	a_e	Ms 5.7
GEC2	73.27		L	10:36:35.007						T__		4152.0	19.60	a_e	Ms 5.7
GRA1	71.96		P	10:05:04.047		345.7		5.54		TAS		291.0	2.30	m_e	mb 6.0
GRA1	71.96		L	10:38:11.660						T__		5552.3	18.40	a_e	Ms 5.9
MOX	71.14		L	10:38:44.877						T__		3407.2	19.40	a_e	Ms 5.6
WET	72.82		L	10:36:01.990						T__		3316.0	19.80	a_e	Ms 5.6

