

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

(produced by the Federal Seismological Survey/BGR - HANNOVER)

June 2021      UPDATED      6.January 2023

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

Event 10601002 Northwest of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/01	08:09:00.86			51.7300	153.8000				143.0			22		70.25	76.08	m i ke	BGR
OrigID 10601008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	10601008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	74.15		P	08:20:22.160	0.6	23.2		5.85		TAS		14.6	1.20	m_e mb	4.9
ASSE	71.83		P	08:20:08.617	-0.0	23.2		5.85		TAS		38.3	1.87	m_e mb	5.2
BFO	75.92		P	08:20:32.057		23.2		5.85		TAS		9.6	0.93	m_e mb	4.9
BRG	72.15		P	08:20:10.272	0.9	23.2		5.85		TAS		41.3	2.17	m_e mb	5.2
BSEG	70.25		P	08:19:59.467	-0.1	23.2		5.85		TAS		15.3	1.14	m_e mb	5.0
BUG	73.26		P	08:20:16.867	-0.1	23.2		5.85		TAS		71.0	2.10	m_e mb	5.4
CLL	72.00		P	08:20:09.314	0.2	23.2		5.85		TAS		43.2	1.85	m_e mb	5.3
CLZ	72.17		P	08:20:11.026	-0.3	23.2		5.85		TAS		14.7	1.09	m_e mb	5.0
GEC2	74.06		P	08:20:21.887		23.2		5.85		TAS		22.1	1.91	m_e mb	4.9
GOR1	70.89		P	08:20:03.391	-0.1	23.2		5.85		TAS		70.8	1.89	m_e mb	5.5
GRA1	73.94		P	08:20:21.513		23.2		5.85		TAS		20.2	1.10	m_e mb	5.1
IBBN	72.34		P	08:20:11.555	-0.2	23.2		5.85		TAS		10.6	0.68	m_e mb	5.1
KAST	73.22		P	08:20:16.865	0.1	23.2		5.85		TAS		300.4	3.91	m_e mb	5.8
MOX	72.96		P	08:20:15.326	0.4	23.2		5.85		TAS		28.9	1.95	m_e mb	5.1
PLN	72.97		P	08:20:15.654	0.1	23.2		5.85		TAS		8.4	1.66	m_e mb	4.6
RETH	71.58		P	08:20:07.163	-0.1	23.2		5.85		TAS		18.5	1.53	m_e mb	5.0
STU	75.30		P	08:20:28.773		23.2		5.85		TAS		36.5	0.90	m_e mb	5.4
TANN	72.96		P	08:20:15.516	-0.3	23.2		5.85		TAS		18.6	1.77	m_e mb	4.9
TNS	74.13		P	08:20:22.104	-0.7	23.2		5.85		TAS		9.8	1.05	m_e mb	4.8
UBR	76.08		P	08:20:33.405		23.2		5.85		TAS		27.8	1.50	m_e mb	5.2
WET	74.01		P	08:20:22.104		23.2		5.85		TAS		21.0	1.55	m_e mb	4.9

WET	74.01	pP	08:20:57.164						T__						m_e	
WLF	75.17	P	08:20:29.209	-0.3	23.2		5.85		TAS		8.3	0.67	m_e	mb		4.9

Event 10601003 South of Panama

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/01	11:21:05.91			5.8400	-81.9500				27.9	5.3		27		84.37	89.36	m i ke	BGR
10601009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	10601009
MBB	5.7		BGR	10601009
Ms	4.9		BGR	10601009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.92		P	11:33:40.157	0.2	276.2		4.84		TAS		133.1	1.64	m_e	MBB 5.9
AHRW	84.92		sP	11:33:51.721	0.1	276.1		4.82		TAS				m_e	
ASSE	87.05		P	11:33:50.551	-0.1	276.2		4.84		TAS		76.4	1.62	m_e	MBB 5.7
ASSE	87.05		sP	11:34:02.158	0.0	276.1		4.82		TAS				m_e	
BFO	85.88		P	11:33:44.045		276.2		4.84		TAS		15.2	1.34	m_e	MBB 5.2
BRG	89.23		P	11:34:00.780	0.2	276.2		4.84		TAS		30.6	1.81	m_e	MBB 5.5
BRG	89.23		pP	11:34:07.852	0.0	276.1		4.82		TAS				m_e	
BRG	89.23		sP	11:34:12.204		276.1		4.82		TAS				m_e	
BSEG	86.65		P	11:33:48.237	0.2	276.2		4.84		TAS		59.8	1.47	m_e	MBB 5.7
BSEG	86.65		sP	11:33:59.854	0.3	276.1		4.82		TAS				m_e	
BUG	84.99		P	11:33:40.185	-0.2	276.2		4.84		TAS		42.4	1.27	m_e	MBB 5.8
BUG	84.99		sP	11:33:51.819	-0.1	276.1		4.82		TAS				m_e	
CLL	88.58		P	11:33:57.616	0.1	276.2		4.84		TAS		30.4	1.55	m_e	MBB 5.5
CLL	88.58		sP	11:34:09.100		276.1		4.82		TAS				m_e	
CLZ	86.89		P	11:33:49.774	-0.2	276.2		4.84		TAS		58.0	1.49	m_e	MBB 5.5
CLZ	86.89		sP	11:34:01.411	0.3	276.1		4.82		TAS				m_e	
FLT1	87.37		P	11:33:51.396	0.2	276.2		4.84		TAS		49.4	1.51	m_e	MBB 5.6
FLT1	87.37		sP	11:34:03.103	-0.1	276.1		4.82		TAS				m_e	
GEC2	89.36		P	11:34:01.229	-0.6	276.2		4.84		TAS		27.1	1.81	m_e	MBB 5.3
GEC2	89.36		sP	11:34:12.779		276.1		4.82		TAS				m_e	
GOR1	87.34		P	11:33:51.935	0.3	276.2		4.84		TAS		57.3	1.61	m_e	MBB 5.6
GOR1	87.34		sP	11:34:03.338	0.4	276.1		4.82		TAS				m_e	
GRA1	87.65		P	11:33:53.634	-0.3	276.2		4.84		TAS		53.4	1.65	m_e	mb 5.6
GRA1	87.65		sP	11:34:05.097	-0.1	276.1		4.82		TAS				m_e	
GRA1	87.65		L	12:07:06.815						T__		558.6	21.80	a_e	Ms 4.9
GTTG	86.66		P	11:33:48.365	-0.1	276.2		4.84		TAS		45.3	1.43	m_e	MBB 5.8
GTTG	86.66		sP	11:34:00.138	-0.1	276.1		4.82		TAS				m_e	
HLG	85.21		P	11:33:41.376	-0.2	276.2		4.84		TAS		157.1	1.60	m_e	MBB 6.1
HLG	85.21		sP	11:33:53.077	0.1	276.1		4.82		TAS				m_e	
IBBN	85.25		P	11:33:41.514	0.2	276.2		4.84		TAS		72.1	1.44	m_e	MBB 6.0
IBBN	85.25		sP	11:33:52.856	-0.3	276.1		4.82		TAS				m_e	

KAST	85.73	P	11:33:43.689	-0.1	276.2	4.84	TAS	41.2	1.52	m_e	MBB	5.6
KAST	85.73	sP	11:33:55.264	-0.2	276.1	4.82	TAS			m_e		
MOX	87.79	P	11:33:53.839	-0.0	276.2	4.84	TAS	18.5	1.43	m_e	MBB	5.6
MOX	87.79	sP	11:34:05.376	0.0	276.1	4.82	TAS			m_e		
MOX	87.79	L	12:07:32.989				T__	551.9	20.60	a_e	Ms	5.0
NEUB	87.83	P	11:33:54.233	-0.1	276.2	4.84	TAS	77.9	1.78	m_e	MBB	5.9
NEUB	87.83	sP	11:34:05.527	0.2	276.1	4.82	TAS			m_e		
PLN	88.15	P	11:33:55.648	-0.1	276.2	4.84	TAS	11.5	1.61	m_e	MBB	5.2
PLN	88.15	sP	11:34:07.239	0.2	276.1	4.82	TAS			m_e		
RETH	86.19	P	11:33:46.489	-0.1	276.2	4.84	TAS	85.1	1.51	m_e	MBB	5.8
RETH	86.19	sP	11:33:58.112	-0.2	276.1	4.82	TAS			m_e		
RGN	88.33	pP	11:34:03.471	0.0	276.1	4.82	TAS			m_e		
STU	86.42	P	11:33:47.247	0.3	276.2	4.84	TAS	39.4	0.85	m_e	mb	5.6
STU	86.42	sP	11:33:58.533	0.1	276.1	4.82	TAS			m_e		
TANN	88.35	P	11:33:56.815	0.2	276.2	4.84	TAS	40.0	1.71	m_e	MBB	5.7
TANN	88.35	pP	11:34:03.397	0.0	276.1	4.82	TAS			m_e		
TANN	88.35	sP	11:34:08.332	-0.2	276.1	4.82	TAS			m_e		
TNS	85.82	P	11:33:44.246	0.4	276.2	4.84	TAS	126.0	2.06	m_e	MBB	5.7
TNS	85.82	sP	11:33:55.950	0.0	276.1	4.82	TAS			m_e		
UBR	87.12	P	11:33:50.893		276.2	4.84	TAS	53.5	1.62	m_e	MBB	5.6
WET	88.79	P	11:33:58.827	0.0	276.2	4.84	TAS	98.0	2.20	m_e	MBB	5.6
WET	88.79	sP	11:34:10.446		276.1	4.82	TAS			m_e		
WLF	84.37	P	11:33:37.480	0.1	276.2	4.84	TAS	82.9	1.75	m_e	MBB	5.9
WLF	84.37	sP	11:33:48.918	0.0	276.1	4.82	TAS			m_e		

Event 10602002 Southwestern Ryukyu Islands, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/02	17:08:35.08			25.4700	125.0000				33.0			15		82.76	87.54	m i ke	BGR
10602008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	10602008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	87.20		P	17:21:18.054		56.3		5.00		TAS		3.3	0.78	m_e	mb	4.5
BRG	82.76		P	17:20:55.852	0.0	56.3		5.00		TAS		2.9	0.87	m_e	mb	4.5
CLL	83.02		P	17:20:56.968	0.5	56.3		5.00		TAS		8.5	0.65	m_e	mb	5.1
CLZ	84.10		P	17:21:03.371	0.2	56.3		5.00		TAS		5.8	0.93	m_e	mb	4.8
GEC2	83.97		P	17:21:02.371	0.2	56.3		5.00		TAS		2.5	0.76	m_e	mb	4.5
GRA1	84.86		P	17:21:07.289		56.3		5.00		TAS		6.6	0.90	m_e	mb	4.9
IBBN	85.14		P	17:21:08.159		56.3		5.00		TAS		11.2	0.61	m_e	mb	5.3
KAST	85.46		P	17:21:09.887		56.3		5.00		TAS		5.2	0.77	m_e	mb	4.7
MOX	84.12		P	17:21:03.467	-0.6	56.3		5.00		TAS		1.9	0.73	m_e	mb	4.4
NEUB	83.73		P	17:21:01.511	-0.2	56.3		5.00		TAS		12.6	0.78	m_e	mb	5.2
PLN	83.92		P	17:21:02.532	-0.1	56.3		5.00		TAS		1.5	0.93	m_e	mb	4.2

TANN	83.80	P	17:21:02.052	0.4	56.3	5.00	TAS	3.7	0.94	m_e	mb	4.6
TNS	86.02	P	17:21:12.736		56.3	5.00	TAS	3.8	0.57	m_e	mb	4.7
UBR	86.61	P	17:21:15.592		56.3	5.00	TAS	8.9	0.86	m_e	mb	4.9
WLF	87.54	P	17:21:20.561		56.3	5.00	TAS	6.9	0.66	m_e	mb	5.1

Event 10602003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/02	20:36:22.87			-18.4400	-177.8800				600.0			27		143.92	150.03	m i ke	BGR
10602009																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	147.64		PKPdf	20:54:57.224		18.0		1.61		TAS				m_e	
AHRW	147.64		PKPbc	20:55:00.431	0.4	15.6		2.78		TAS				m_e	
ASSE	145.63		PKPbc	20:54:54.812	0.4	15.6		2.78		TAS				m_e	
BFO	149.67		PKPdf	20:54:59.994		18.0		1.61		TAS				m_e	
BFO	149.67		PKPbc	20:55:05.587		15.6		2.78		TAS				m_e	
BFO	149.67		PKPab	20:55:12.309		15.3		3.99		TAS				m_e	
BRG	146.22		PKPbc	20:54:56.613	0.3	15.6		2.78		TAS				m_e	
BSEG	143.92		PKPbc	20:54:49.299	-0.1	15.6		2.78		TAS				m_e	
BUG	146.73		PKPdf	20:54:55.388	-0.2	18.0		1.61		TAS				m_e	
BUG	146.73		PKPbc	20:54:57.827	0.2	15.6		2.78		TAS				m_e	
CLL	146.01		PKPbc	20:54:55.830	0.3	15.6		2.78		TAS				m_e	
CLZ	145.95		PKPbc	20:54:56.018	0.1	15.6		2.78		TAS				m_e	
FLT1	145.34		PKPbc	20:54:53.622	-0.0	15.6		2.78		TAS				m_e	
FUR	149.34		PKPdf	20:54:59.641		18.0		1.61		TAS				m_e	
FUR	149.34		PKPbc	20:55:04.757	-0.6	15.6		2.78		TAS				m_e	
FUR	149.34		PKPab	20:55:11.297		15.3		3.99		TAS				m_e	
GEC2	148.17		PKPdf	20:54:57.679		18.0		1.61		TAS				m_e	
GEC2	148.17		PKPbc	20:55:01.876	-0.0	15.6		2.78		TAS				m_e	
GEC2	148.17		PKPab	20:55:06.317		15.3		3.99		TAS				m_e	
GOR1	144.70		PKPbc	20:54:52.024	-0.0	15.6		2.78		TAS				m_e	
GRA1	147.89		PKPdf	20:54:57.557		18.0		1.61		TAS				m_e	
GRA1	147.89		PKPbc	20:55:01.406	-0.1	15.6		2.78		TAS				m_e	
GRA1	147.89		PKPab	20:55:05.485		15.3		3.99		TAS				m_e	
GTTG	146.30		PKPbc	20:54:56.942	-0.2	15.6		2.78		TAS				m_e	
IBBN	145.83		PKPbc	20:54:55.423	0.0	15.6		2.78		TAS				m_e	
KAST	146.84		PKPdf	20:54:55.746		18.0		1.61		TAS				m_e	
KAST	146.84		PKPbc	20:54:58.367	0.3	15.6		2.78		TAS				m_e	
MOX	146.90		PKPdf	20:54:55.724		18.0		1.61		TAS				m_e	
MOX	146.90		PKPbc	20:54:58.430	0.3	15.6		2.78		TAS				m_e	
NEUB	146.35		PKPbc	20:54:56.989	0.2	15.6		2.78		TAS				m_e	
PLN	146.96		PKPdf	20:54:55.686		18.0		1.61		TAS				m_e	
PLN	146.96		PKPbc	20:54:58.689	-0.1	15.6		2.78		TAS				m_e	

RETH	145.22	PKPbc	20:54:53.622	0.1	15.6	2.78	TAS	m_e
RUE	144.75	PKPbc	20:54:51.962	-0.3	15.6	2.78	TAS	m_e
STU	149.12	PKPdf	20:54:59.477		18.0	1.61	TAS	m_e
STU	149.12	PKPbc	20:55:04.397	-0.4	15.6	2.78	TAS	m_e
STU	149.12	PKPab	20:55:09.965		15.3	3.99	TAS	m_e
TANN	146.96	PKPdf	20:54:55.860		18.0	1.61	TAS	m_e
TANN	146.96	PKPbc	20:54:58.806	0.3	15.6	2.78	TAS	m_e
TNS	147.80	PKPdf	20:54:57.381		18.0	1.61	TAS	m_e
TNS	147.80	PKPbc	20:55:01.093	0.0	15.6	2.78	TAS	m_e
TNS	147.80	PKPab	20:55:04.823		15.3	3.99	TAS	m_e
UBR	150.03	PKPdf	20:55:00.578		18.0	1.61	TAS	m_e
UBR	150.03	PKPbc	20:55:06.355		15.6	2.78	TAS	m_e
WET	148.08	PKPdf	20:54:57.575		18.0	1.61	TAS	m_e
WET	148.08	PKPbc	20:55:01.641	0.4	15.6	2.78	TAS	m_e
WET	148.08	PKPab	20:55:06.281		15.3	3.99	TAS	m_e
WLF	148.59	PKPdf	20:54:59.158		18.0	1.61	TAS	m_e
WLF	148.59	PKPbc	20:55:03.645	-0.3	15.6	2.78	TAS	m_e
WLF	148.59	PKPab	20:55:08.379		15.3	3.99	TAS	m_e

Event 10603001 Qinghai, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/03	05:55:25.75			34.9900	97.4000				33.0			25		59.90	64.97	m i ke	BGR
OrigID 10603007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	10603007
MBB	5.6		BGR	10603007
Ms	4.2		BGR	10603007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	64.07		P	06:05:57.219	0.2	68.7		6.68		TAS		15.6	1.03	m_e	MBB 5.7
BFO	64.23		P	06:05:57.807		68.7		6.68		TAS		16.1	0.94	m_e	MBB 5.8
BRG	59.90		P	06:05:29.110	-0.1	68.7		6.68		TAS		15.2	0.76	a_e	MBB 5.6
BSEG	60.93		P	06:05:36.760	0.2	68.7		6.68		TAS		25.6	0.78	a_e	MBB 5.6
BUG	63.59		P	06:05:54.020	-0.3	68.7		6.68		TAS		16.9	0.66	m_e	MBB 5.8
CLL	60.31		P	06:05:31.596	-0.2	68.7		6.68		TAS		15.5	0.78	m_e	MBB 5.5
CLZ	61.65		P	06:05:41.317	-0.2	68.7		6.68		TAS		24.4	0.76	m_e	MBB 5.9
FLT1	60.98		P	06:05:35.899	-0.1	68.7		6.68		TAS		9.8	0.78	m_e	MBB 5.3
FUR	62.49		P	06:05:47.273		68.7		6.68		TAS		42.5	0.84	m_e	MBB 6.0
GEC2	60.75		P	06:05:35.160	-0.1	68.7		6.68		TAS		13.1	0.92	m_e	MBB 5.3
GOR1	60.71		P	06:05:35.001	0.0	68.7		6.68		TAS		56.8	1.31	m_e	MBB 5.6
GRA1	61.95		P	06:05:43.510	-0.5	68.7		6.68		TAS		22.9	0.79	a_e	MBB 5.8
GRA1	61.95		L	06:33:24.324						T_		191.1	21.40	a_e	Ms 4.2
GTTG	62.00		P	06:05:43.627	-0.3	68.7		6.68		TAS		37.5	1.26	m_e	MBB 5.9
IBBN	62.97		P	06:05:49.860	0.2	68.7		6.68		TAS		14.6	0.74	a_e	MBB 5.8

KAST	63.02	P	06:05:50.098	-0.1	68.7	6.68	TAS	6.7	1.14	m_e	MBB	5.4
MOX	61.36	P	06:05:39.036	-0.1	68.7	6.68	TAS	12.7	0.98	m_e	MBB	5.1
MOX	61.36	L	06:33:26.386				T__	169.2	19.50	a_e	Ms	4.2
NEUB	61.07	P	06:05:36.960	-0.1	68.7	6.68	TAS	26.9	0.93	a_e	MBB	5.4
PLN	61.10	P	06:05:37.310	0.4	68.7	6.68	TAS	4.1	1.00	a_e	MBB	4.8
RETH	61.90	P	06:05:42.848	-0.7	68.7	6.68	TAS	16.1	1.23	m_e	MBB	5.8
STU	63.53	P	06:05:53.460		68.7	6.68	TAS	48.6	0.88	a_e	MBB	6.2
TANN	60.94	P	06:05:36.291	0.3	68.7	6.68	TAS	12.5	0.93	m_e	MBB	5.2
TNS	63.39	P	06:05:52.713	0.3	68.7	6.68	TAS	11.3	0.86	m_e	MBB	5.3
UBR	63.41	P	06:05:52.560		68.7	6.68	TAS	18.1	0.91	a_e	MBB	5.5
WET	61.14	P	06:05:37.860	0.7	68.7	6.68	TAS	10.9	0.94	a_e	MBB	5.3
WLF	64.97	P	06:06:03.565	-0.2	68.7	6.68	TAS	45.4	0.89	m_e	MBB	6.0

Event 10603002 Northern Molucca Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/03	10:09:55.80		0.3300	126.2300					10.0			18		103.23	107.15	m i ke	EMSC
OrigID 10603034																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	103.64		Pdiff	10:23:57.828	-0.0					T__					m_e
BSEG	104.68		Pdiff	10:24:02.685	-0.0					T__					m_e
CLL	104.06		Pdiff	10:23:59.384	-0.1					T__					m_e
CLZ	105.42		Pdiff	10:24:06.158	-0.1					T__					m_e
FLT1	104.75		Pdiff	10:24:02.437	0.2					T__					m_e
GEC2	104.41		Pdiff	10:24:01.246						T__					m_e
GOR1	104.47		Pdiff	10:24:01.962	0.3					T__					m_e
GTTG	105.76		Pdiff	10:24:07.700	-0.1					T__					m_e
IBBN	106.73		Pdiff	10:24:12.082	0.2					T__					m_e
KAST	106.79		Pdiff	10:24:11.980	0.0					T__					m_e
MOX	105.11		Pdiff	10:24:04.337	0.1					T__					m_e
NEUB	104.83		Pdiff	10:24:03.151	0.0					T__					m_e
PLN	104.84		Pdiff	10:24:03.232						T__					m_e
RETH	105.66		Pdiff	10:24:07.102	0.1					T__					m_e
RUE	103.23		Pdiff	10:23:56.341	-0.5					T__					m_e
TANN	104.68		Pdiff	10:24:02.514						T__					m_e
TNS	107.15		Pdiff	10:24:13.668						T__					m_e
WET	104.83		Pdiff	10:24:03.265						T__					m_e

Event 10603003 Central Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID  
 2021/06/03 10:55:57.63 3.4000 -31.3000 33.0 21 56.18 60.62 m i ke BGR  
 10603009

Magnitude Err Nsta Author OrigID  
 mb 5.1 BGR 10603009  
 Ms 5.4 BGR 10603009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	57.01	P		11:05:40.777	0.1	231.7		6.98		TAS		78.0	2.22	m_e	mb 5.3
ASSE	59.76	P		11:05:59.959	-0.1	231.7		6.98		TAS		48.0	2.01	m_e	mb 5.2
BFO	56.18	P		11:05:34.610		231.7		6.98		TAS		38.8	1.97	m_e	mb 5.1
BRG	60.62	P		11:06:05.619	0.1	231.7		6.98		TAS		46.8	2.24	m_e	mb 4.9
BUG	57.71	P		11:05:45.130	0.3	231.7		6.98		TAS		11.2	1.14	m_e	mb 4.8
CLZ	59.43	P		11:05:57.174	-0.1	231.7		6.98		TAS		15.7	1.47	m_e	mb 4.8
FLT1	60.15	P		11:06:02.269	-0.1	231.7		6.98		TAS		15.2	1.15	m_e	mb 4.9
FUR	57.62	P		11:05:44.526		231.7		6.98		TAS		82.0	1.85	m_e	mb 5.5
GEC2	59.32	P		11:05:56.467		231.7		6.98		TAS		27.6	1.77	m_e	mb 5.0
GRA1	58.51	P		11:05:51.081		231.7		6.98		TAS		74.7	2.05	m_e	mb 5.4
GRA1	58.51	L		11:20:11.356						T__		3807.0	20.20	a_e	Ms 5.5
GTTG	59.05	P		11:05:55.022	0.1	231.7		6.98		TAS		129.8	1.93	m_e	mb 5.6
IBBN	58.52	P		11:05:50.823	-0.2	231.7		6.98		TAS		11.5	0.86	m_e	mb 4.9
KAST	58.09	P		11:05:47.922	0.2	231.7		6.98		TAS		17.0	1.68	m_e	mb 4.8
MOX	59.30	P		11:05:56.557	-0.2	231.7		6.98		TAS		12.3	1.13	m_e	mb 4.8
MOX	59.30	L		11:16:07.271						T__		2856.4	21.80	a_e	Ms 5.4
NEUB	59.71	P		11:05:59.325	-0.3	231.7		6.98		TAS		6.5	0.58	m_e	mb 4.9
PLN	59.47	P		11:05:57.783	-0.1	231.7		6.98		TAS		31.4	2.14	m_e	mb 5.0
RETH	59.54	P		11:05:58.238	-0.3	231.7		6.98		TAS		30.1	1.53	m_e	mb 5.1
TANN	59.59	P		11:05:58.664	-0.0	231.7		6.98		TAS		60.6	1.89	m_e	mb 5.3
TNS	57.46	P		11:05:43.405	0.1	231.7		6.98		TAS		33.4	2.15	m_e	mb 5.0
UBR	56.70	P		11:05:38.309		231.7		6.98		TAS		68.1	2.25	m_e	mb 5.3
WET	59.05	P		11:05:54.391		231.7		6.98		TAS		26.9	1.84	m_e	mb 5.0

Event 10603004 Tonga Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author  
 OrigID  
 2021/06/03 14:30:14.80 -21.1200 -173.7400 10.0 18 147.00 153.23 m i ke EMSC  
 10603036

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	152.71		PKPbc	14:50:15.772		10.8		2.47		TAS				m_e	
BRG	149.61		PKPbc	14:50:08.782	0.7	10.8		2.47		TAS				m_e	
BSEG	147.00		PKPbc	14:50:01.713	-0.2	10.8		2.47		TAS				m_e	
BUG	149.64		PKPbc	14:50:08.585	0.9	10.8		2.47		TAS				m_e	

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CLL	149.32	PKPbc	14:50:07.893	0.1	10.8	2.47	TAS	m_e
CLZ	149.08	PKPbc	14:50:07.569	-0.1	10.8	2.47	TAS	m_e
FLT1	148.52	PKPbc	14:50:05.587	0.1	10.8	2.47	TAS	m_e
GEC2	151.62	PKPbc	14:50:13.462		10.8	2.47	TAS	m_e
GTTG	149.41	PKPbc	14:50:08.104	0.3	10.8	2.47	TAS	m_e
IBBN	148.76	PKPbc	14:50:06.646	0.2	10.8	2.47	TAS	m_e
KAST	149.84	PKPbc	14:50:09.273	-0.1	10.8	2.47	TAS	m_e
MOX	150.14	PKPbc	14:50:09.992	-0.6	10.8	2.47	TAS	m_e
NEUB	149.59	PKPbc	14:50:08.569	0.2	10.8	2.47	TAS	m_e
PLN	150.24	PKPbc	14:50:10.364	-0.7	10.8	2.47	TAS	m_e
TANN	150.27	PKPbc	14:50:10.402		10.8	2.47	TAS	m_e
TNS	150.81	PKPbc	14:50:12.407		10.8	2.47	TAS	m_e
UBR	153.23	PKPbc	14:50:16.814		10.8	2.47	TAS	m_e
WLF	151.42	PKPbc	14:50:14.541		10.8	2.47	TAS	m_e

Event 10603005 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/03	14:32:22.87			-18.5920	-172.6030				30.9	0.9		24		144.56	150.81	m i ke	BGR
10603011																	

Magnitude Err Nsta Author OrigID  
Ms 4.2 BGR 10603011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	148.03		PKPbc	14:52:04.404	-0.2	7.0		2.70		TAS				m_e	
AHRW	148.03		pPKPbc	14:52:13.984	-0.2	7.5		2.77		TAS				m_e	
ASSE	146.34		PKPbc	14:51:59.979	-0.1	7.0		2.70		TAS				m_e	
ASSE	146.34		pPKPbc	14:52:09.198	0.1	7.5		2.77		TAS				m_e	
BFO	150.23		PKPbc	14:52:09.915		7.0		2.70		TAS				m_e	
BRG	147.28		PKPbc	14:52:02.479	0.1	7.0		2.70		TAS				m_e	
BRG	147.28		pPKPbc	14:52:11.684	-0.1	7.5		2.77		TAS				m_e	
BSEG	144.56		PKPbc	14:51:54.188	-0.3	7.0		2.70		TAS				m_e	
BSEG	144.56		pPKPbc	14:52:03.574	0.1	7.5		2.77		TAS				m_e	
CLL	146.96		PKPbc	14:52:01.386	0.2	7.0		2.70		TAS				m_e	
CLL	146.96		pPKPbc	14:52:10.829	0.0	7.5		2.77		TAS				m_e	
CLZ	146.65		PKPbc	14:52:00.909	0.2	7.0		2.70		TAS				m_e	
CLZ	146.65		pPKPbc	14:52:10.359	-0.0	7.5		2.77		TAS				m_e	
FLT1	146.11		PKPbc	14:51:58.833	0.2	7.0		2.70		TAS				m_e	
FLT1	146.11		pPKPbc	14:52:08.141	0.4	7.5		2.77		TAS				m_e	
GEC2	149.30		PKPbc	14:52:07.634		7.0		2.70		TAS				m_e	
GEC2	149.30		pPKPbc	14:52:16.902		7.5		2.77		TAS				m_e	
GOR1	145.44		PKPbc	14:51:57.437	0.2	7.0		2.70		TAS				m_e	
GOR1	145.44		pPKPbc	14:52:06.649	-0.2	7.5		2.77		TAS				m_e	
GRA1	148.73		PKPbc	14:52:06.894	-0.5	7.0		2.70		TAS				m_e	
GRA1	148.73		L	15:56:16.559						T__		46.2	21.30	a_e Ms	4.2



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IBBN	146.26	PKPbc	14:51:59.782	0.3	7.0	2.70	TAS	m_e										
IBBN	146.26	pPKPbc	14:52:09.082	0.1	7.5	2.77	TAS	m_e										
KAST	147.36	PKPbc	14:52:02.905	-0.2	7.0	2.70	TAS	m_e										
KAST	147.36	pPKPbc	14:52:12.156	-0.0	7.5	2.77	TAS	m_e										
MOX	147.75	PKPbc	14:52:03.738	0.7	7.0	2.70	TAS	m_e										
MOX	147.75	pPKPbc	14:52:12.957	0.0	7.5	2.77	TAS	m_e										
MOX	147.75	L	16:03:49.243				T__		48.3	21.00	a_e	Ms					4.3	
NEUB	147.19	PKPbc	14:52:02.274	0.2	7.0	2.70	TAS	m_e										
NEUB	147.19	pPKPbc	14:52:11.497	0.2	7.5	2.77	TAS	m_e										
PLN	147.86	PKPbc	14:52:04.072	0.3	7.0	2.70	TAS	m_e										
PLN	147.86	pPKPbc	14:52:13.444	0.1	7.5	2.77	TAS	m_e										
RETH	145.80	PKPbc	14:51:58.557	0.0	7.0	2.70	TAS	m_e										
RETH	145.80	pPKPbc	14:52:07.757	0.1	7.5	2.77	TAS	m_e										
RUE	145.73	PKPbc	14:51:57.874	-0.3	7.0	2.70	TAS	m_e										
STU	149.76	PKPbc	14:52:09.158		7.0	2.70	TAS	m_e										
STU	149.76	pPKPbc	14:52:18.367		7.5	2.77	TAS	m_e										
TANN	147.90	PKPbc	14:52:04.145	0.2	7.0	2.70	TAS	m_e										
TANN	147.90	pPKPbc	14:52:13.573	-0.4	7.5	2.77	TAS	m_e										
TNS	148.34	pPKPbc	14:52:14.710		7.5	2.77	TAS	m_e										
UBR	150.81	PKPbc	14:52:11.104		7.0	2.70	TAS	m_e										
WET	149.11	PKPbc	14:52:07.459		7.0	2.70	TAS	m_e										
WET	149.11	pPKPbc	14:52:16.771		7.5	2.77	TAS	m_e										
WLF	148.89	PKPbc	14:52:07.417	-0.7	7.0	2.70	TAS	m_e										
WLF	148.89	pPKPbc	14:52:16.612		7.5	2.77	TAS	m_e										

Event 10603006 Southern Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/03	15:05:59.68			37.0640	22.4520				33.0					15.00	15.00	m i ke	BGR
	10603012																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	15.00		P	15:09:34.851		143.1		11.16		TAS		12.3	0.82	m_e	

Event 10604002 Off coast of Oregon, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/04	07:52:51.77			43.4390	-128.5400				33.0				19	76.70	82.19	m i ke	BGR
	10604008																

Magnitude Err Nsta Author OrigID

mb	5.8	BGR	10604008
MBB	6.1	BGR	10604008
Ms	6.0	BGR	10604008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	78.62		P	08:04:48.259	-0.2	331.6		5.36		TAS		253.6	2.16	m_e mb	5.9
ASSE	78.38		P	08:04:47.302	-0.2	331.6		5.36		TAS		144.7	1.45	m_e mb	5.9
BFO	80.94		P	08:05:00.944		331.6		5.36		TAS		77.6	1.49	m_e mb	5.5
BFO	80.94		L	08:42:23.701						T__		5035.8	18.00	a_e Ms	5.9
BRG	80.44		P	08:04:58.421		331.6		5.36		TAS		158.0	1.72	m_e mb	5.8
BSEG	76.70		P	08:04:38.374	-0.2	331.6		5.36		TAS		224.1	1.81	m_e mb	6.0
BSEG	76.70		L	08:39:18.413						T__		6019.5	19.60	a_e Ms	5.9
CLL	79.79		P	08:04:54.535	0.2	331.6		5.36		TAS		85.4	1.37	m_e mb	5.5
CLL	79.79		L	08:40:36.443						T__		4426.1	21.60	a_e Ms	5.8
CLZ	78.54		P	08:04:48.371	-0.2	331.6		5.36		TAS		208.0	1.55	m_e mb	5.9
FLT1	78.37		P	08:04:46.281	0.3	331.6		5.36		TAS		160.4	1.52	m_e mb	5.9
FUR	82.05		L	08:42:10.663						T__		11075.5	20.10	a_e Ms	6.2
GEC2	82.19		P	08:05:06.975		331.6		5.36		TAS		104.3	1.74	m_e mb	5.7
GEC2	82.19		L	08:42:57.265						T__		9115.1	20.20	a_e Ms	6.1
GOR1	77.81		P	08:04:44.605	-0.5	331.6		5.36		TAS		544.4	1.80	m_e mb	6.4
GRA1	80.69		P	08:05:00.702		331.6		5.36		TAS		228.2	1.68	m_e MBB	6.1
GRA1	80.69		L	08:40:07.066						T__		4555.3	21.10	a_e Ms	5.8
IBBN	77.33		P	08:04:41.366	0.5	331.6		5.36		TAS		284.5	1.66	m_e mb	6.1
KAST	78.49		P	08:04:47.309	-0.0	331.6		5.36		TAS		80.0	1.95	m_e mb	5.4
MOX	79.96		P	08:04:55.516	-0.6	331.6		5.36		TAS		84.9	1.45	m_e mb	5.5
MOX	79.96		L	08:41:29.755						T__		8924.3	20.10	a_e Ms	6.1
PLN	80.27		P	08:04:57.095		331.6		5.36		TAS		40.1	1.97	m_e mb	5.0
RETH	77.45		P	08:04:42.390	0.1	331.6		5.36		TAS		186.3	1.51	m_e mb	6.0
TANN	80.42		P	08:04:58.240		331.6		5.36		TAS		93.7	1.86	m_e mb	5.5
TNS	79.35		P	08:04:52.332	1.1	331.6		5.36		TAS		98.9	1.61	m_e mb	5.6
TNS	79.35		L	08:39:23.265						T__		10244.6	21.70	a_e Ms	6.1
UBR	82.10		P	08:05:07.319		331.6		5.36		TAS		98.5	1.58	m_e mb	5.7
WET	81.67		L	08:42:40.765						T__		8370.6	20.10	a_e Ms	6.1

Event 10604003 Off coast of northern California, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/04	08:16:56.07			41.0970	-129.2650				33.0			19		79.06	84.55	m i ke	BGR
10604009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.7		BGR	10604009
MBB	5.9		BGR	10604009
Ms	6.1		BGR	10604009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
-----	------	------	-------	------	------	------	-------	------	------	-----	-----	-----	-----	------	-----------

AHRW	80.96	P	08:29:06.251	-0.3	331.1	5.18	TAS	541.6	3.28	m_e	mb	6.0
ASSE	80.74	P	08:29:05.044	-0.3	331.1	5.18	TAS	101.5	1.54	m_e	mb	5.6
BFO	83.27	P	08:29:18.183		331.1	5.18	TAS	56.0	1.41	m_e	mb	5.6
BFO	83.27	L	09:06:51.109				T__	6225.6	18.10	a_e	Ms	6.0
BRG	82.81	P	08:29:16.296	0.1	331.1	5.18	TAS	124.5	1.84	m_e	mb	5.8
BSEG	79.06	P	08:28:56.780	0.3	331.1	5.18	TAS	1105.9	3.66	m_e	mb	6.3
BSEG	79.06	L	09:03:26.773				T__	7276.8	19.50	a_e	Ms	6.0
CLL	82.15	P	08:29:12.750	0.2	331.1	5.18	TAS	122.0	1.95	m_e	mb	5.7
CLL	82.15	L	09:04:43.810				T__	6117.3	22.00	a_e	Ms	5.9
CLZ	80.89	P	08:29:06.805	0.1	331.1	5.18	TAS	451.1	2.64	m_e	mb	6.0
FLT1	80.73	P	08:29:04.999	0.0	331.1	5.18	TAS	72.3	1.33	m_e	mb	5.5
FUR	84.39	L	09:06:28.861				T__	13392.7	20.20	a_e	Ms	6.3
GEC2	84.55	P	08:29:24.707		331.1	5.18	TAS	31.7	1.45	m_e	mb	5.3
GEC2	84.55	L	09:07:15.677				T__	11704.6	20.00	a_e	Ms	6.3
GOR1	80.17	P	08:29:02.792	-0.2	331.1	5.18	TAS	377.0	1.89	m_e	mb	6.0
GRA1	83.04	L	09:04:25.297				T__	5862.9	21.40	a_e	Ms	5.9
IBBN	79.68	P	08:28:59.773	0.5	331.1	5.18	TAS	115.5	1.53	m_e	mb	5.6
KAST	80.83	P	08:29:05.631	0.4	331.1	5.18	TAS	58.2	1.94	m_e	mb	5.3
MOX	82.32	P	08:29:13.262	-0.5	331.1	5.18	TAS	69.1	1.69	m_e	MBB	5.9
MOX	82.32	L	09:05:48.070				T__	10971.0	20.10	a_e	Ms	6.2
RETH	79.81	P	08:29:00.915	-0.4	331.1	5.18	TAS	299.4	2.33	m_e	mb	5.8
TANN	82.78	P	08:29:16.273		331.1	5.18	TAS	15.5	1.13	m_e	mb	5.1
TNS	81.68	P	08:29:10.751		331.1	5.18	TAS	94.3	1.99	m_e	mb	5.6
TNS	81.68	L	09:03:41.723				T__	12703.0	22.00	a_e	Ms	6.2
UBR	84.43	P	08:29:25.050		331.1	5.18	TAS	496.2	3.21	m_e	mb	6.2
WET	84.03	P	08:29:22.653		331.1	5.18	TAS	30.5	1.66	m_e	mb	5.3
WET	84.03	L	09:06:49.198				T__	10439.0	20.00	a_e	Ms	6.2
WLF	81.38	P	08:29:08.879		331.1	5.18	TAS	148.2	2.29	m_e	mb	5.6

Event 10604005 Reykjanes Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/04	21:02:51.85			58.4200	-31.6390				33.0					22.92	28.00	m i ke	BGR
10604011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	10604011
Ms	4.4		BGR	10604011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	25.49		L	21:20:37.956						T__		678.6	19.80	a_e	Ms	4.2
BSEG	23.46		P	21:07:57.347		302.1		8.84		TAS		181.4	2.83	m_e	mb	5.1
BSEG	23.46		L	21:20:10.306						T__		748.4	20.40	a_e	Ms	4.1
CLL	26.21		L	21:19:44.553						T__		1429.5	19.60	a_e	Ms	4.5
FUR	27.14		L	21:20:06.976						T__		786.8	19.80	a_e	Ms	4.3
GEC2	28.00		L	21:22:29.937						T__		919.4	20.40	a_e	Ms	4.4



Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	10605008
Ms	4.6		BGR	10605008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	25.33		P	01:37:08.248	-0.1	305.2		9.00		TAS		6.6	0.99	m_e	mb	4.3
BFO	26.22		P	01:37:17.187	0.0	305.2		9.00		TAS		13.2	1.17	m_e	mb	4.5
BFO	26.22		L	01:46:08.425						T__		1072.9	21.50	a_e	Ms	4.3
BRG	27.73		P	01:37:30.003		305.2		9.00		TAS		10.5	1.36	m_e	mb	4.5
BSEG	24.26		P	01:36:58.735	-0.1	305.2		9.00		TAS		157.5	2.11	m_e	mb	5.2
BSEG	24.26		L	01:45:29.849						T__		1458.6	20.70	a_e	Ms	4.5
BUG	23.89		P	01:36:55.131	1.1	305.2		9.00		TAS		98.8	1.99	m_e	mb	5.0
CLL	26.99		P	01:37:23.092		305.2		9.00		TAS		6.0	0.98	m_e	mb	4.3
CLL	26.99		L	01:46:55.913						T__		1937.6	21.90	a_e	Ms	4.6
CLZ	25.32		P	01:37:09.002	0.0	305.2		9.00		TAS		62.7	2.08	m_e	mb	5.0
FLT1	25.52		P	01:37:09.827	-0.3	305.2		9.00		TAS		11.9	1.09	m_e	mb	4.4
FUR	27.89		L	01:47:38.352						T__		1189.4	19.20	a_e	Ms	4.5
GEC2	28.76		L	01:48:09.036						T__		1864.8	20.80	a_e	Ms	4.7
GRA1	26.95		P	01:37:23.506		305.2		9.00		TAS		33.6	1.64	m_e	mb	4.8
GRA1	26.95		L	01:46:53.184						T__		1842.9	21.80	a_e	Ms	4.6
GTTG	25.26		P	01:37:08.177	0.9	305.2		9.00		TAS		12.6	0.96	m_e	mb	4.6
IBBN	23.70		P	01:36:53.866	-0.9	305.2		9.00		TAS		74.4	1.58	m_e	mb	5.0
KAST	24.62		P	01:37:02.430	0.5	305.2		9.00		TAS		8.7	1.13	m_e	mb	4.4
MOX	26.62		P	01:37:20.517		305.2		9.00		TAS		14.0	1.01	m_e	mb	4.6
MOX	26.62		L	01:47:35.072						T__		2343.9	18.30	a_e	Ms	4.8
PLN	27.00		P	01:37:23.598		305.2		9.00		TAS		4.8	1.20	m_e	mb	4.1
RETH	24.33		P	01:36:59.264	0.0	305.2		9.00		TAS		136.4	2.12	m_e	mb	5.1
TNS	25.18		P	01:37:07.622	-0.2	305.2		9.00		TAS		13.0	1.06	m_e	mb	4.6
TNS	25.18		L	01:46:06.698						T__		1974.8	19.20	a_e	Ms	4.6
WET	28.15		P	01:37:34.276		305.2		9.00		TAS		5.6	1.22	m_e	mb	4.3
WET	28.15		L	01:47:50.356						T__		2191.7	20.80	a_e	Ms	4.7

Event 10605003 Off coast of central Chile

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/05	03:05:09.93			-34.8700	-74.0400				10.0					112.93	113.65	m i ke	NEIC

Magnitude	Err	Nsta	Author	OrigID
Ms	4.7		BGR	10605009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	112.93		PKiKP	03:23:48.230						T__				m_e		
GRA1	112.93		L	04:07:38.159						T__		159.6	19.70	a_e	Ms	4.6
MOX	113.59		L	04:12:54.067						T__		296.1	19.80	a_e	Ms	4.9
WET	113.65		L	04:12:39.503						T__		165.0	19.50	a_e	Ms	4.6

Event 10605004 Northwest of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/05	03:57:49.72			47.7190	146.6840				33.0			12		73.21	77.61	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	10605010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	77.61		P	04:09:41.104		29.2		5.75		TAS		7.8	1.16	m_e mb	4.7
CLL	73.54		P	04:09:17.772	0.0	29.2		5.75		TAS		11.9	0.52	m_e mb	5.2
CLZ	73.89		P	04:09:20.559	0.0	29.2		5.75		TAS		5.6	0.72	m_e mb	4.7
FLT1	73.21		P	04:09:15.718	-0.1	29.2		5.75		TAS		7.0	0.79	m_e mb	4.8
GEC2	75.44		P	04:09:29.057		29.2		5.75		TAS		3.0	0.71	m_e mb	4.5
GRA1	75.51		P	04:09:29.916		29.2		5.75		TAS		12.5	0.56	m_e mb	5.2
IBBN	74.24		P	04:09:22.086		29.2		5.75		TAS		7.2	0.62	m_e mb	4.9
KAST	75.04		P	04:09:27.011		29.2		5.75		TAS		5.8	1.10	m_e mb	4.5
MOX	74.56		P	04:09:23.961		29.2		5.75		TAS		2.5	0.65	m_e mb	4.4
RETH	73.40		P	04:09:17.431	0.3	29.2		5.75		TAS		8.4	1.13	m_e mb	4.7
TNS	75.89		P	04:09:31.696		29.2		5.75		TAS		6.2	0.91	m_e mb	4.7
WET	75.45		P	04:09:29.517		29.2		5.75		TAS		6.2	1.06	m_e mb	4.7

Event 10605005 Southern California, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/05	17:56:12.30			33.9480	-115.7870				33.0					80.78	86.00	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	10605011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	82.26		P	18:08:29.415		315.0		4.71		TAS		45.7	1.42	m_e mb	5.4
BFO	84.01		P	18:08:37.345		315.0		4.71		TAS		11.3	1.18	m_e mb	5.0
BFO	84.01		L	18:46:26.554						T__		1038.6	19.20	a_e	
BRG	84.55		P	18:08:40.366		315.0		4.71		TAS		32.8	2.02	m_e mb	5.2
BSEG	80.78		L	18:44:28.724						T__		1156.1	19.20	a_e	
CLL	83.83		L	18:46:51.616						T__		977.7	19.00	a_e	
CLZ	82.34		P	18:08:29.900		315.0		4.71		TAS		19.3	1.12	m_e mb	5.1
FLT1	82.34		P	18:08:29.148		315.0		4.71		TAS		25.4	1.39	m_e mb	5.2
FUR	85.47		L	18:49:36.565						T__		1833.5	18.00	a_e	

GEC2	86.00	L	18:46:15.368							T__	1264.8	21.70	a_e				
GRA1	84.30	P	18:08:40.232	315.0	4.71					TAS	28.5	1.55	m_e mb	5.3			
GRA1	84.30	L	18:47:22.904							T__	1929.6	18.80	a_e				
IBBN	80.90	P	18:08:21.754	315.0	4.71					TAS	75.5	1.98	m_e mb	5.4			
MOX	83.76	P	18:08:36.669	315.0	4.71					TAS	9.3	1.17	m_e mb	4.9			
MOX	83.76	L	18:44:58.054							T__	2210.9	21.50	a_e				
PLN	84.10	P	18:08:38.327	315.0	4.71					TAS	2.6	1.15	m_e mb	4.3			
TNS	82.70	P	18:08:31.015	315.0	4.71					TAS	6.8	0.89	m_e mb	4.9			
TNS	82.70	L	18:48:13.212							T__	1068.1	18.20	a_e				
WET	85.42	L	18:48:24.954							T__	1635.9	18.20	a_e				

Event 10606002 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/06	01:07:52.70			-28.9400	-177.3700				30.0					158.19	158.19	m i ke	EMSC
OrigID 10606034																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	158.19		PKPab	01:28:17.259		20.7		4.03		TAS				m_e	

Event 10606003 North of Ascension Island

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/06	01:30:47.08			-1.2290	-14.6170				33.0				13	53.26	58.76	m i ke	BGR
OrigID 10606009																	

Magnitude Err Nsta Author OrigID

mb	4.7		BGR	10606009
Ms	4.3		BGR	10606009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	53.26		P	01:40:03.533	-0.5	211.9		7.19		TAS		6.9	0.70	m_e mb	4.7
BFO	53.26		L	02:02:11.320						T__		217.2	18.50	a_e Ms	4.2
BSEG	58.76		P	01:40:43.276		211.9		7.19		TAS		9.2	0.72	m_e mb	4.9
BSEG	58.76		L	02:06:58.929						T__		478.1	18.00	a_e Ms	4.7
BUG	55.69		P	01:40:21.489	0.1	211.9		7.19		TAS		9.9	1.12	m_e mb	4.8
CLL	57.38		L	02:04:19.831						T__		154.6	18.60	a_e Ms	4.1
FLT1	57.66		P	01:40:35.068		211.9		7.19		TAS		5.7	1.20	m_e mb	4.5
FUR	54.13		L	02:05:04.126						T__		303.0	18.80	a_e Ms	4.4
GEC2	55.59		P	01:40:21.032	-0.2	211.9		7.19		TAS		5.8	0.75	m_e mb	4.7
GEC2	55.59		L	02:04:19.822						T__		340.8	18.90	a_e Ms	4.5

GRA1	55.40	P	01:40:19.488	0.4	211.9	7.19	TAS	8.0	0.80	m_e	mb	4.8
GRA1	55.40	L	02:02:50.305				T__	229.1	21.30	a_e	Ms	4.2
KAST	55.81	P	01:40:22.580	-0.5	211.9	7.19	TAS	2.6	0.68	m_e	mb	4.4
MOX	56.35	P	01:40:26.237	-0.1	211.9	7.19	TAS	5.6	0.71	m_e	mb	4.7
MOX	56.35	L	02:06:14.619				T__	278.5	19.20	a_e	Ms	4.4
PLN	56.40	P	01:40:26.363		211.9	7.19	TAS	1.7	0.70	m_e	mb	4.2
STU	53.93	P	01:40:08.712	0.1	211.9	7.19	TAS	16.1	0.79	m_e	mb	5.1
TANN	56.44	P	01:40:26.973		211.9	7.19	TAS	7.5	0.77	m_e	mb	4.8
TNS	54.96	L	02:02:54.543				T__	301.3	20.60	a_e	Ms	4.3
UBR	53.30	P	01:40:04.321	0.0	211.9	7.19	TAS	22.9	0.68	m_e	mb	5.2
WET	55.53	P	01:40:20.286	0.0	211.9	7.19	TAS	8.0	0.79	m_e	mb	4.8
WET	55.53	L	02:01:27.367				T__	173.8	21.80	a_e	Ms	4.1

Event 10606004 Iraq

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/06	04:55:02.87			35.6470	41.8300				33.0			23		24.48	29.42	m i ke	BGR
OrigID 10606010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	10606010
Ms	3.5		BGR	10606010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	29.09		P	05:01:01.157	0.1	110.7		9.03		TAS		22.7	0.70	m_e	mb	5.1
BFO	27.70		P	05:00:48.296		110.7		9.03		TAS		7.7	0.50	m_e	mb	4.8
BRG	25.17		P	05:00:24.339	-0.6	110.7		9.03		TAS		8.0	0.73	m_e	mb	4.5
BSEG	28.53		P	05:00:54.088	0.6	110.7		9.03		TAS		16.7	0.78	m_e	mb	4.9
BUG	29.26		P	05:01:01.527	-0.3	110.7		9.03		TAS		17.3	0.77	a_e	mb	5.0
CLL	25.89		P	05:00:30.827	-0.6	110.7		9.03		TAS		20.4	1.01	m_e	mb	4.7
CLZ	27.60		P	05:00:46.377	-0.2	110.7		9.03		TAS		48.1	0.75	a_e	mb	5.4
FLT1	27.32		P	05:00:43.227	-0.5	110.7		9.03		TAS		14.3	0.77	a_e	mb	4.8
FUR	25.76		P	05:00:30.677		110.7		9.03		TAS		89.0	0.51	a_e	mb	5.6
GEC2	24.48		P	05:00:18.877		110.7		9.03		TAS		4.6	0.42	a_e	mb	4.3
GOR1	27.57		P	05:00:46.222	0.1	110.7		9.03		TAS		81.7	1.11	m_e	mb	5.5
GRA1	26.30		P	05:00:35.427	0.6	110.7		9.03		TAS		36.7	0.54	a_e	mb	5.2
GRA1	26.30		L	05:20:53.350						T__		111.2	18.50	a_e	Ms	3.4
IBBN	29.27		P	05:01:01.827	-0.2	110.7		9.03		TAS		79.2	0.97	a_e	mb	5.5
KAST	28.50		P	05:00:54.934	0.6	110.7		9.03		TAS		24.6	0.78	m_e	mb	5.1
MOX	26.41		P	05:00:35.637	-1.1	110.7		9.03		TAS		5.5	0.67	m_e	mb	4.3
MOX	26.41		L	05:13:47.830						T__		146.6	18.90	a_e	Ms	3.5
NEUB	26.54		P	05:00:36.627	-0.3	110.7		9.03		TAS		20.6	0.49	m_e	mb	5.1
RETH	28.53		P	05:00:55.277	0.0	110.7		9.03		TAS		71.9	1.17	a_e	mb	5.4
RUE	26.00		P	05:00:31.167	-0.4	110.7		9.03		TAS		6.5	0.47	m_e	mb	4.5
TANN	25.83		P	05:00:30.637	0.0	110.7		9.03		TAS		5.3	0.68	m_e	mb	4.3
TNS	28.16		P	05:00:51.543	0.9	110.7		9.03		TAS		6.0	0.51	m_e	mb	4.7



UBR	26.37	P	05:00:35.824	110.7	9.03	TAS	23.5	0.47	m_e	mb	5.1
WET	25.09	P	05:00:24.127	110.7	9.03	TAS	7.5	0.76	a_e	mb	4.5
WLF	29.42	P	05:01:02.319	0.6 110.7	9.03	TAS	29.3	0.57	m_e	mb	5.3

Event 10606005 Talaud Islands, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/06	09:07:32.60		3.0200	126.5700					33.0					101.70	106.03	m i ke	NEIC
OrigID 10606044																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.3		BGR	10606011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	106.03		L	10:11:21.074						T__		124.5	21.40	a_e	Ms 4.4
BRG	101.70		Pdiff	09:21:18.942		67.6		5.38		TAS				m_e	
BSEG	102.62		Pdiff	09:21:23.176		67.6		5.38		TAS				m_e	
BSEG	102.62		L	10:08:55.367						T__		94.7	21.90	a_e	Ms 4.3
CLL	102.10		Pdiff	09:21:20.514		67.6		5.38		TAS				m_e	
CLL	102.10		L	10:09:35.365						T__		101.0	20.70	a_e	Ms 4.3
FUR	104.28		L	10:06:30.365						T__		71.8	20.60	a_e	Ms 4.2
GEC2	102.53		Pdiff	09:21:22.503		67.6		5.38		TAS				m_e	
GEC2	102.53		L	10:16:13.516						T__		82.0	21.00	a_e	Ms 4.2
GRA1	103.75		Pdiff	09:21:29.906		67.6		5.38		TAS				m_e	
GRA1	103.75		L	10:10:02.535						T__		163.9	22.00	a_e	Ms 4.5
MOX	103.16		L	10:10:29.211						T__		88.7	21.90	a_e	Ms 4.2
TANN	102.74		Pdiff	09:21:23.563		67.6		5.38		TAS				m_e	
TNS	105.19		L	10:13:02.412						T__		98.5	20.50	a_e	Ms 4.3
WET	102.94		L	10:12:57.973						T__		101.3	22.00	a_e	Ms 4.3

Event 10606006 Northwest of Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2021/06/06	16:01:48.69		51.1410	155.2030					33.0					29	69.86	76.97	m i ke	BGR
OrigID 10606012																		

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	10606012
MBB	5.8		BGR	10606012
Ms	4.3		BGR	10606012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	75.01		P	16:13:25.424	0.0	22.5		5.80		TAS		69.5	1.15	a_e	mb 5.6

ASSE	72.71	P	16:13:12.174	0.0	22.5	5.80	TAS	36.6	1.11	a_e	mb	5.4
BFO	76.80	P	16:13:35.374	-0.5	22.5	5.80	TAS	35.7	0.90	a_e	mb	5.5
BFO	76.80	L	16:51:39.989				T__	160.7	19.80	a_e	Ms	4.3
BRG	73.05	P	16:13:13.974	-0.2	22.5	5.80	TAS	49.4	1.53	a_e	mb	5.4
BSEG	71.12	P	16:13:02.896	0.0	22.5	5.80	TAS	30.4	0.85	m_e	mb	5.5
BSEG	71.12	L	16:49:42.722				T__	112.4	19.50	a_e	Ms	4.1
BUG	74.12	P	16:13:20.024	-0.2	22.5	5.80	TAS	39.0	0.80	m_e	mb	5.5
CLL	72.90	P	16:13:12.824	-0.4	22.5	5.80	TAS	47.2	0.78	a_e	mb	5.7
CLL	72.90	L	16:48:43.389				T__	218.9	21.50	a_e	Ms	4.4
CLZ	73.05	P	16:13:14.474	0.4	22.5	5.80	TAS	80.1	1.10	m_e	mb	5.8
FLT1	72.39	P	16:13:09.724	-0.6	22.5	5.80	TAS	36.3	0.93	a_e	mb	5.5
FUR	76.23	P	16:13:32.674	0.1	22.5	5.80	TAS	83.5	0.91	a_e	mb	5.9
FUR	76.23	L	16:49:20.868				T__	159.6	22.00	a_e	Ms	4.3
GEC2	74.97	P	16:13:25.424	0.2	22.5	5.80	TAS	26.0	0.65	a_e	mb	5.4
GEC2	74.97	L	16:48:54.771				T__	194.6	21.90	a_e	Ms	4.4
GOR1	71.77	P	16:13:06.755	0.1	22.5	5.80	TAS	77.6	1.41	m_e	mb	5.6
GRA1	74.83	P	16:13:24.924	0.5	22.5	5.80	TAS	102.5	0.81	a_e	MBB	6.0
GRA1	74.83	L	16:48:13.373				T__	181.7	21.80	a_e	Ms	4.3
GTTG	73.42	P	16:13:16.374	0.1	22.5	5.80	TAS	19.8	0.77	a_e	mb	5.2
HLG	71.42	P	16:13:04.879	0.4	22.5	5.80	TAS	299.6	1.01	m_e	mb	6.4
IBBN	73.20	P	16:13:14.845	-0.1	22.5	5.80	TAS	56.6	0.88	m_e	mb	5.7
KAST	74.09	P	16:13:20.311	0.2	22.5	5.80	TAS	40.5	0.93	m_e	mb	5.4
MOX	73.85	P	16:13:18.824	0.0	22.5	5.80	TAS	27.2	0.77	a_e	MBB	5.6
MOX	73.85	L	16:51:53.381				T__	178.3	19.10	a_e	Ms	4.4
NEUB	73.31	P	16:13:15.374	-0.3	22.5	5.80	TAS	31.0	0.81	a_e	mb	5.5
PLN	73.87	P	16:13:19.024	0.2	22.5	5.80	TAS	12.1	0.94	a_e	mb	4.9
RETH	72.45	P	16:13:10.574	0.0	22.5	5.80	TAS	47.4	1.24	a_e	mb	5.5
RGN	69.86	P	16:12:55.374	-0.2	22.5	5.80	TAS	61.7	0.70	a_e	mb	5.8
RUE	71.64	P	16:13:05.774	-0.1	22.5	5.80	TAS	43.8	0.84	a_e	mb	5.6
STU	76.18	P	16:13:32.024	-0.3	22.5	5.80	TAS	135.9	1.07	a_e	mb	6.0
TANN	73.85	P	16:13:18.868	0.1	22.5	5.80	TAS	41.1	1.44	m_e	mb	5.3
TNS	75.00	P	16:13:25.532	0.1	22.5	5.80	TAS	45.8	0.77	m_e	mb	5.6
TNS	75.00	L	16:51:42.826				T__	217.6	19.40	a_e	Ms	4.5
UBR	76.97	P	16:13:36.675	-0.2	22.5	5.80	TAS	31.2	0.92	m_e	mb	5.4
WET	74.91	P	16:13:25.474	0.6	22.5	5.80	TAS	64.0	0.97	a_e	mb	5.6
WET	74.91	L	16:50:09.395				T__	217.4	21.50	a_e	Ms	4.4
WLF	76.03	P	16:13:31.369	0.0	22.5	5.80	TAS	36.7	1.28	m_e	mb	5.4

Event 10606007 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
2021/06/06	18:11:02.46			34.6080	140.0750				33.0			20		80.00	86.77	m i ke	BGR
	10606013																

Magnitude Err Nsta Author OrigID  
mb 5.0 BGR 10606013

Ms 4.1 BGR 10606013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	85.52		P	18:23:35.891		40.1		5.06		TAS		11.5	0.86	m_e	mb 5.0
BFO	86.77		P	18:23:41.828		40.1		5.06		TAS		23.7	1.49	m_e	mb 5.1
BRG	82.48		P	18:23:20.310	-0.2	40.1		5.06		TAS		4.5	0.88	m_e	mb 4.7
BSEG	81.62		P	18:23:16.343	0.1	40.1		5.06		TAS		14.5	0.89	m_e	mb 5.1
CLL	82.55		P	18:23:20.591	0.3	40.1		5.06		TAS		14.4	0.99	m_e	mb 5.2
CLZ	83.21		P	18:23:24.604	0.1	40.1		5.06		TAS		11.6	1.06	m_e	mb 5.0
FLT1	82.49		P	18:23:20.133	-0.4	40.1		5.06		TAS		7.8	0.77	m_e	mb 5.0
GEC2	84.10		P	18:23:28.811	-0.1	40.1		5.06		TAS		7.9	0.84	m_e	mb 5.0
GOR1	81.96		P	18:23:18.124	-0.6	40.1		5.06		TAS		17.9	1.16	m_e	mb 5.1
GRA1	84.52		P	18:23:31.480		40.1		5.06		TAS		23.1	0.89	m_e	mb 5.4
GRA1	84.52		L	19:04:01.969						T__		77.2	21.10	a_e	Ms 4.1
GTTG	83.60		P	18:23:26.487	0.4	40.1		5.06		TAS		8.3	0.73	m_e	mb 5.1
KAST	84.48		P	18:23:31.081	-0.5	40.1		5.06		TAS		12.5	1.04	m_e	mb 5.1
MOX	83.63		P	18:23:26.514	0.5	40.1		5.06		TAS		6.5	0.97	m_e	mb 4.8
MOX	83.63		L	19:03:32.021						T__		97.5	19.40	a_e	Ms 4.2
PLN	83.52		P	18:23:25.856	0.2	40.1		5.06		TAS		1.6	0.94	m_e	mb 4.2
RETH	82.91		P	18:23:22.588	-0.1	40.1		5.06		TAS		8.5	1.08	m_e	mb 4.9
RGN	80.00		P	18:23:08.080	0.0	40.1		5.06		TAS		22.0	0.75	m_e	mb 5.2
TANN	83.45		P	18:23:25.707	0.0	40.1		5.06		TAS		3.5	0.90	m_e	mb 4.6
TNS	85.23		P	18:23:34.680		40.1		5.06		TAS		8.4	0.83	m_e	mb 5.0
WET	84.23		P	18:23:29.707	-0.1	40.1		5.06		TAS		6.5	1.03	m_e	mb 4.8
WLF	86.58		P	18:23:41.262		40.1		5.06		TAS		22.2	1.25	m_e	mb 5.2

Event 10606008 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/06	18:24:29.40			-15.9200	-177.3800				431.0					143.22	147.64	m i ke	EMSC
	10606040																

Magnitude Err Nsta Author OrigID  
 Ms 4.4 BGR 10606014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	145.19		PKPbc	18:43:18.023		14.8		2.96		TAS				m_e	
ASSE	143.22		PKPbc	18:43:10.859		14.8		2.96		TAS				m_e	
BFO	147.25		PKPbc	18:43:23.897		14.8		2.96		TAS				m_e	
BFO	147.25		pPKPbc	18:45:07.434						T__				m_e	
BRG	143.88		PKPbc	18:43:13.511		14.8		2.96		TAS				m_e	
BUG	144.28		PKPbc	18:43:14.639		14.8		2.96		TAS				m_e	
CLL	143.64		PKPbc	18:43:12.482		14.8		2.96		TAS				m_e	
CLZ	143.54		PKPbc	18:43:12.403		14.8		2.96		TAS				m_e	
FUR	146.98		PKPbc	18:43:23.224		14.8		2.96		TAS				m_e	
FUR	146.98		pPKPbc	18:45:06.793						T__				m_e	

./bul2106.txt Wed Jan 11 09:16:11 2023 20

Station	Mag	Type	Time	Lat	Lon	Mag	Depth	Def	SNR	Amp	Per	Qual	Magnitude
GEC2	145.85	PKPbc	18:43:19.959			14.8	2.96	TAS				m_e	
GEC2	145.85	pPKPbc	18:45:03.140					T__				m_e	
GRA1	145.51	PKPbc	18:43:19.290			14.8	2.96	TAS				m_e	
GRA1	145.51	pPKPbc	18:45:02.647					T__				m_e	
GRA1	145.51	L	19:20:23.267					T__	83.9	21.50	a_e Ms		4.5
GTTG	143.89	PKPbc	18:43:13.630			14.8	2.96	TAS				m_e	
IBBN	143.38	PKPbc	18:43:11.888			14.8	2.96	TAS				m_e	
KAST	144.41	PKPbc	18:43:15.233			14.8	2.96	TAS				m_e	
MOX	144.52	PKPbc	18:43:15.569			14.8	2.96	TAS				m_e	
MOX	144.52	L	19:21:56.556					T__	67.3	21.40	a_e Ms		4.4
NEUB	143.97	PKPbc	18:43:13.748			14.8	2.96	TAS				m_e	
PLN	144.58	PKPbc	18:43:15.886			14.8	2.96	TAS				m_e	
STU	146.70	PKPdf	18:43:20.177					T__				m_e	
STU	146.70	PKPbc	18:43:22.552			14.8	2.96	TAS				m_e	
STU	146.70	pPKPbc	18:45:06.324					T__				m_e	
TANN	144.60	PKPbc	18:43:16.181			14.8	2.96	TAS				m_e	
TNS	145.37	PKPbc	18:43:18.597			14.8	2.96	TAS				m_e	
UBR	147.64	PKPdf	18:43:21.087					T__				m_e	
UBR	147.64	PKPbc	18:43:24.768			14.8	2.96	TAS				m_e	
UBR	147.64	pPKPbc	18:45:07.419					T__				m_e	
WET	145.73	PKPbc	18:43:19.583			14.8	2.96	TAS				m_e	
WET	145.73	pPKPbc	18:45:02.969					T__				m_e	
WLF	146.13	PKPbc	18:43:21.364			14.8	2.96	TAS				m_e	
WLF	146.13	pPKPbc	18:45:04.678					T__				m_e	

Event 10606009 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/06	23:16:39.20			-27.7100	-176.3000				10.0					153.27	159.36	m i ke	EMSC
10606041																	

Magnitude Err Nsta Author OrigID  
Ms 5.9 BGR 10606015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	154.98		PKPdf	23:36:31.936		15.3		1.25		TAS				m_e	
BFO	159.02		PKPdf	23:36:36.817		15.3		1.25		TAS				m_e	
BFO	159.02		PKPab	23:37:13.951		14.9		4.26		TAS				m_e	
BRG	155.52		PKPdf	23:36:32.939		15.3		1.25		TAS				m_e	
BSEG	153.27		PKPdf	23:36:29.863		15.3		1.25		TAS				m_e	
CLL	155.33		PKPdf	23:36:32.738		15.3		1.25		TAS				m_e	
CLL	155.33		PKPab	23:36:58.024		14.9		4.26		TAS				m_e	
CLZ	155.30		PKPdf	23:36:32.872		15.3		1.25		TAS				m_e	
FLT1	154.69		PKPdf	23:36:29.793		15.3		1.25		TAS				m_e	
FUR	158.67		PKPdf	23:36:36.884		15.3		1.25		TAS				m_e	
FUR	158.67		PKPab	23:37:12.425		14.9		4.26		TAS				m_e	

GEC2	157.46	PKPdf	23:36:35.212	15.3	1.25	TAS	m_e							
GEC2	157.46	PKPab	23:37:07.148	14.9	4.26	TAS	m_e							
GRA1	157.23	PKPdf	23:36:34.573	15.3	1.25	TAS	m_e							
GRA1	157.23	PKPab	23:37:06.975	14.9	4.26	TAS	m_e							
GRA1	157.23	L	00:59:35.594			T__	a_e	Ms	2178.4	18.00			6.0	
GTTG	155.65	PKPab	23:36:59.398	14.9	4.26	TAS	m_e							
IBBN	155.16	PKPab	23:36:57.318	14.9	4.26	TAS	m_e							
KAST	156.18	PKPdf	23:36:34.009	15.3	1.25	TAS	m_e							
MOX	156.24	PKPdf	23:36:33.808	15.3	1.25	TAS	m_e							
MOX	156.24	L	00:54:57.494			T__	a_e	Ms	1399.2	18.50			5.8	
NEUB	155.69	PKPdf	23:36:33.407	15.3	1.25	TAS	m_e							
PLN	156.28	PKPdf	23:36:33.674	15.3	1.25	TAS	m_e							
RETH	154.56	PKPab	23:36:54.769	14.9	4.26	TAS	m_e							
RUE	154.07	PKPab	23:36:53.467	14.9	4.26	TAS	m_e							
STU	158.46	PKPdf	23:36:36.215	15.3	1.25	TAS	m_e							
TANN	156.29	PKPdf	23:36:34.009	15.3	1.25	TAS	m_e							
TNS	157.14	PKPdf	23:36:35.079	15.3	1.25	TAS	m_e							
TNS	157.14	PKPab	23:37:05.845	14.9	4.26	TAS	m_e							
UBR	159.36	PKPdf	23:36:37.018	15.3	1.25	TAS	m_e							
UBR	159.36	PKPab	23:37:15.452	14.9	4.26	TAS	m_e							
WET	157.38	PKPdf	23:36:34.878	15.3	1.25	TAS	m_e							
WET	157.38	PKPab	23:37:07.443	14.9	4.26	TAS	m_e							
WLF	157.91	PKPab	23:37:09.583	14.9	4.26	TAS	m_e							

Event 10608004 Near east coast of eastern Honshu, Japan  
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author  
 OrigID  
 2021/06/08 01:19:13.09 37.9540 141.9450 33.0 15 79.33 84.60 m i ke BGR  
 10608010

Magnitude Err Nsta Author OrigID  
 mb 4.7 BGR 10608010  
 Ms 3.7 BGR 10608010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	84.60		P	01:31:41.975		37.1		5.23		TAS				m_e	
BRG	80.38		P	01:31:20.056	0.2	37.1		5.23		TAS		4.3	1.00	m_e	mb 4.3
BSEG	79.33		P	01:31:14.699	-0.1	37.1		5.23		TAS		8.3	0.99	m_e	mb 4.7
CLL	80.41		P	01:31:19.994	-0.0	37.1		5.23		TAS		8.6	0.95	m_e	mb 4.8
CLZ	80.99		P	01:31:23.717	0.4	37.1		5.23		TAS		7.5	0.93	m_e	mb 4.7
FLT1	80.28		P	01:31:19.120	0.3	37.1		5.23		TAS		7.2	0.82	m_e	mb 4.6
FUR	83.58		P	01:31:37.351		37.1		5.23		TAS		10.8	0.64	m_e	mb 5.2
GEC2	82.06		P	01:31:28.827		37.1		5.23		TAS		6.2	1.25	m_e	mb 4.6
GRA1	82.39		P	01:31:31.095		37.1		5.23		TAS		7.7	0.88	m_e	mb 4.8
GRA1	82.39		L	02:10:07.445						T__		26.7	19.20	a_e	Ms 3.6
GTTG	81.38		P	01:31:25.570	-0.4	37.1		5.23		TAS		6.9	0.80	m_e	mb 4.7

./bul2106.txt

Wed Jan 11 09:16:11 2023

22

IBBN	81.55	P	01:31:26.372	37.1	5.23	TAS	9.5	0.69	m_e	mb	5.0	
MOX	81.47	P	01:31:25.889	37.1	5.23	TAS	2.1	0.70	m_e	mb	4.4	
MOX	81.47	L	02:04:42.589			T__	32.5	19.00	a_e	Ms	3.7	
RETH	80.63	P	01:31:21.540	0.1	37.1	5.23	TAS	3.5	0.94	m_e	mb	4.4
UBR	84.44	P	01:31:41.061	37.1	5.23	TAS	3.8	0.86	m_e	mb	4.7	
WET	82.16	P	01:31:29.980	37.1	5.23	TAS	4.1	1.07	m_e	mb	4.5	

Event 10608001 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/08	03:59:48.47	0.66	0.69	43.1720	16.2880	8.9	6.7	116	10.0			31	305	3.56	8.87	m i ke	BGR
OrigID	10608007																

Magnitude	Err	Nsta	Author	OrigID
ML	5.0		BGR	10608007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	4.11		Sn	04:01:33.147	-1.1					T__	7.7			m_e	
ARSA	4.11		Pn	04:00:49.343	-0.5					T__				m_e	ML 4.6
BFO	7.58		Pn	04:01:35.949	-0.7					T__				m_e	
BIOA	4.89		Pn	04:01:00.516	0.2					T__				m_e	
BRG	7.86		Pn	04:01:40.213	-0.2					T__				m_e	
CKRC	5.81		Sn	04:02:13.070	-0.9					T__	3.0			m_e	
CLL	8.43		Pn	04:01:47.676	-0.4					T__				m_e	
DAVA	6.11		Pn	04:01:18.700	1.9					T__				m_e	
FETA	5.50		Pn	04:01:09.046	0.5					T__				m_e	
FUR	6.10		Sn	04:02:21.428	0.7					T__	2.0			m_e	
FUR	6.10		Pn	04:01:16.145	-0.5					T__				m_e	ML 5.4
GEC2	5.95		Sn	04:02:17.754	0.5					T__	2.6			m_e	
GEC2	5.95		Pn	04:01:13.933	-0.7					T__				m_e	ML 4.8
GRA1	7.39		Pn	04:01:33.727	-0.4					T__				m_e	
JAVC	5.77		Pn	04:01:12.632	0.5					T__				m_e	
KBA	4.42		Pn	04:00:53.601	-0.5					T__				m_e	
KHC	6.25		Sn	04:02:23.525	-0.7					T__	2.7			m_e	
KHC	6.25		Pn	04:01:17.944	-0.7					T__				m_e	
KRUC	5.89		Sn	04:02:16.744	0.9					T__	7.8			m_e	
LESA	4.95		Pn	04:01:01.040	-0.2					T__				m_e	
MOA	4.89		Sn	04:01:53.377	1.0					T__	5.0			m_e	
MOA	4.89		Pn	04:01:00.404	0.1					T__				m_e	
MORC	6.66		Pn	04:01:24.962	0.8					T__				m_e	
MOTA	5.55		Pn	04:01:09.958	0.8					T__				m_e	
MOX	8.13		Pn	04:01:43.072	-0.8					T__				m_e	
OBKA	3.56		Pn	04:00:41.943	-0.4					T__				m_e	
OKC	6.78		Pn	04:01:26.815	0.9					T__				m_e	
PRU	6.92		Pn	04:01:27.937	0.2					T__				m_e	
RETA	5.81		Pn	04:01:13.018	0.3					T__				m_e	

SQTA	5.41	Pn	04:01:08.193	0.9	T__		m_e	
STU	7.46	Pn	04:01:34.209	-0.8	T__		m_e	
TNS	8.87	Pn	04:01:53.283	-0.6	T__		m_e	
UBR	6.26	Pn	04:01:18.647	-0.2	T__		m_e	
VRAC	6.14	Sn	04:02:22.014	0.4	T__	5.2	m_e	
VRAC	6.14	Pn	04:01:17.087	-0.1	T__		m_e	
WET	6.42	Pn	04:01:20.246	-0.7	T__		m_e ML	4.8
WTTA	5.24	Pn	04:01:05.631	0.5	T__		m_e ML	5.3

Event 10608005 Southern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/08	04:39:59.40			-17.8800	-12.9100				10.0			11		68.49	74.29	m i ke	EMSC
	10608037																

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	10608011
Ms	4.0		BGR	10608011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	68.63		P	04:51:02.311		203.9		6.15		TAS		7.2	1.12	m_e mb	4.8
BFO	68.63		L	05:19:01.711						T__		126.1	19.20	a_e Ms	4.2
BSEG	74.29		P	04:51:37.387	0.2	203.9		6.15		TAS		12.2	1.05	m_e mb	4.9
BSEG	74.29		L	05:23:19.368						T__		83.6	21.00	a_e Ms	4.0
CLL	72.58		L	05:21:45.562						T__		91.1	20.80	a_e Ms	4.0
FLT1	73.04		P	04:51:29.442	-0.1	203.9		6.15		TAS		5.2	0.55	m_e mb	4.9
FUR	69.26		L	05:19:53.194						T__		114.3	19.50	a_e Ms	4.1
GEC2	70.57		P	04:51:14.678		203.9		6.15		TAS		2.6	0.88	m_e mb	4.4
GEC2	70.57		L	05:23:55.577						T__		110.7	21.80	a_e Ms	4.1
GRA1	70.63		L	05:19:52.583						T__		100.1	20.20	a_e Ms	4.1
IBBN	72.21		P	04:51:24.569	-0.3	203.9		6.15		TAS		11.3	1.19	m_e mb	4.9
MOX	71.60		P	04:51:20.321		203.9		6.15		TAS		3.3	0.90	m_e mb	4.5
MOX	71.60		L	05:20:54.014						T__		79.1	20.20	a_e Ms	4.0
NEUB	72.14		P	04:51:23.811		203.9		6.15		TAS		9.4	0.70	m_e mb	5.0
PLN	71.60		P	04:51:20.780		203.9		6.15		TAS		1.2	0.76	m_e mb	4.1
TANN	71.62		P	04:51:20.427		203.9		6.15		TAS		3.0	1.11	m_e mb	4.3
TNS	70.42		L	05:21:50.216						T__		66.6	19.80	a_e Ms	3.9
UBR	68.49		P	04:51:01.545		203.9		6.15		TAS		10.2	0.94	m_e mb	5.0
WET	70.60		P	04:51:14.201		203.9		6.15		TAS		2.5	0.72	m_e mb	4.4
WET	70.60		L	05:19:45.708						T__		78.0	21.70	a_e Ms	3.9

Event 10608006 Minahassa Peninsula, Sulawesi, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID  
 2021/06/08 05:00:31.90 0.4300 123.6600 189.0 11 102.00 107.12 m i ke NEIC  
 10608045

Magnitude Err Nsta Author OrigID  
 Ms 4.3 BGR 10608012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	103.57		Pdiff	05:14:10.142		73.5		4.67		TAS				m_e	
ASSE	103.57		PP	05:18:31.576		71.4		7.59		TAS				m_e	
BFO	106.26		PP	05:18:52.987		71.4		7.59		TAS				m_e	
BFO	106.26		L	06:04:23.384						T__		85.9	20.20	a_e	Ms 4.3
BRG	102.00		Pdiff	05:14:02.590	-0.2	73.5		4.67		TAS				m_e	
BSEG	103.18		Pdiff	05:14:08.799		73.5		4.67		TAS				m_e	
CLL	102.45		Pdiff	05:14:04.595	0.1	73.5		4.67		TAS				m_e	
CLL	102.45		L	06:07:36.455						T__		96.7	18.30	a_e	Ms 4.4
CLZ	103.84		Pdiff	05:14:11.513		73.5		4.67		TAS				m_e	
CLZ	103.84		PP	05:18:33.581		71.4		7.59		TAS				m_e	
FUR	104.44		PP	05:18:39.350		71.4		7.59		TAS				m_e	
FUR	104.44		L	06:04:37.398						T__		70.8	21.20	a_e	Ms 4.2
GEC2	102.71		Pdiff	05:14:05.836	0.4	73.5		4.67		TAS				m_e	
GEC2	102.71		PP	05:18:26.305		71.4		7.59		TAS				m_e	
GOR1	102.93		Pdiff	05:14:07.083	0.2	73.5		4.67		TAS				m_e	
GRA1	104.02		Pdiff	05:14:10.641		73.5		4.67		TAS				m_e	
GRA1	104.02		L	06:03:04.685						T__		117.5	19.80	a_e	Ms 4.4
GTTG	104.18		PP	05:18:36.601		71.4		7.59		TAS				m_e	
IBBN	105.19		Pdiff	05:14:17.549		73.5		4.67		TAS				m_e	
KAST	105.21		Pdiff	05:14:18.130		73.5		4.67		TAS				m_e	
MOX	103.48		PP	05:18:30.989		71.4		7.59		TAS				m_e	
MOX	103.48		L	06:08:08.699						T__		115.0	18.30	a_e	Ms 4.4
PLN	103.20		Pdiff	05:14:08.060	0.1	73.5		4.67		TAS				m_e	
RETH	104.13		Pdiff	05:14:12.482		73.5		4.67		TAS				m_e	
RETH	104.13		PP	05:18:37.523		71.4		7.59		TAS				m_e	
TANN	103.04		Pdiff	05:14:07.334	-0.2	73.5		4.67		TAS				m_e	
TNS	105.53		PP	05:18:47.307		71.4		7.59		TAS				m_e	
TNS	105.53		L	06:05:52.702						T__		89.7	20.10	a_e	Ms 4.3
UBR	105.34		PP	05:18:45.279		71.4		7.59		TAS				m_e	
WET	103.14		Pdiff	05:14:07.916	0.1	73.5		4.67		TAS				m_e	
WET	103.14		PP	05:18:29.385		71.4		7.59		TAS				m_e	
WET	103.14		L	06:05:31.123						T__		70.0	19.90	a_e	Ms 4.2
WLF	107.12		Pdiff	05:14:26.685		73.5		4.67		TAS				m_e	
WLF	107.12		PP	05:18:59.057		71.4		7.59		TAS				m_e	

Event 10608007 New Britain, Papua New Guinea, region  
 Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author  
 OrigID



2021/06/08 10:56:37.10  
10608039

-5.1600 151.3000

132.0

26

121.30 126.75 m i ke EMSC

Magnitude Err Nsta Author OrigID  
Ms 5.0 BGR 10608013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	125.71		PKPdf	11:15:23.060	0.1	50.7		1.94		TAS				a_e	
AHRW	125.71		PP	11:17:18.746		43.3		6.71		TAS				m_e	
ASSE	122.98		PKPdf	11:15:17.660	0.2	50.7		1.94		TAS				m_e	
BFO	126.63		PKPdf	11:15:24.210		50.7		1.94		TAS				a_e	
BFO	126.63		PP	11:17:23.306		43.3		6.71		TAS				m_e	
BFO	126.63		L	12:12:07.520						T__		244.0	20.00	a_e	Ms 4.9
BRG	122.20		PKPdf	11:15:16.110	0.0	50.7		1.94		TAS				a_e	
BRG	122.20		PP	11:16:55.538		43.3		6.71		TAS				m_e	
BSEG	121.93		PKPdf	11:15:15.760	0.0	50.7		1.94		TAS				a_e	
BSEG	121.93		PP	11:16:49.900		43.3		6.71		TAS				m_e	
BSEG	121.93		L	12:06:06.884						T__		260.5	20.10	a_e	Ms 4.9
BUG	125.00		PKPdf	11:15:21.410	-0.1	50.7		1.94		TAS				a_e	
CLL	122.40		L	12:09:21.960						T__		427.4	20.30	a_e	Ms 5.1
CLZ	123.31		PKPdf	11:15:18.560	-0.3	50.7		1.94		TAS				a_e	
FLT1	122.59		PKPdf	11:15:16.560	0.2	50.7		1.94		TAS				a_e	
FLT1	122.59		PP	11:16:56.911		43.3		6.71		TAS				m_e	
FUR	125.23		PKPdf	11:15:21.910		50.7		1.94		TAS				a_e	
FUR	125.23		L	12:10:38.754						T__		248.7	21.60	a_e	Ms 4.8
GEC2	123.54		PKPdf	11:15:18.560	0.0	50.7		1.94		TAS				a_e	
GEC2	123.54		L	12:09:39.061						T__		380.4	21.20	a_e	Ms 5.0
GOR1	122.12		PKPdf	11:15:16.260	-0.0	50.7		1.94		TAS				a_e	
GRA1	124.30		PKPdf	11:15:20.110	0.0	50.7		1.94		TAS				a_e	
GRA1	124.30		PP	11:17:10.312		43.3		6.71		TAS				m_e	
GRA1	124.30		L	12:10:29.594						T__		324.8	21.50	a_e	Ms 5.0
GTTG	123.70		PKPdf	11:15:19.260	0.0	50.7		1.94		TAS				a_e	
IBBN	124.17		PKPdf	11:15:20.010	-0.0	50.7		1.94		TAS				a_e	
IBBN	124.17		PP	11:17:05.177		43.3		6.71		TAS				m_e	
KAST	124.64		PKPdf	11:15:20.960	-0.0	50.7		1.94		TAS				a_e	
KAST	124.64		PP	11:17:11.845		43.3		6.71		TAS				m_e	
MOX	123.50		PKPdf	11:15:18.560	0.1	50.7		1.94		TAS				a_e	
MOX	123.50		L	12:09:53.845						T__		305.0	21.00	a_e	Ms 4.9
NEUB	123.07		PKPdf	11:15:17.660	0.0	50.7		1.94		TAS				a_e	
PLN	123.33		PKPdf	11:15:18.260	0.6	50.7		1.94		TAS				a_e	
RETH	123.17		PKPdf	11:15:18.210	-0.2	50.7		1.94		TAS				a_e	
RETH	123.17		PP	11:17:01.147		43.3		6.71		TAS				m_e	
RUE	121.30		PKPdf	11:15:14.310	-0.4	50.7		1.94		TAS				m_e	
STU	125.91		PKPdf	11:15:23.260	-0.2	50.7		1.94		TAS				a_e	
TANN	123.22		PKPdf	11:15:18.110	0.0	50.7		1.94		TAS				a_e	
TNS	125.30		PKPdf	11:15:22.210	0.2	50.7		1.94		TAS				m_e	
TNS	125.30		PP	11:17:16.437		43.3		6.71		TAS				m_e	
TNS	125.30		L	12:10:51.590						T__		376.9	20.30	a_e	Ms 5.0
UBR	126.15		PKPdf	11:15:23.510		50.7		1.94		TAS				a_e	

WET	123.79	PKPdf	11:15:19.310	-0.4	50.7	1.94	TAS							a_e
WET	123.79	L	12:10:29.066				T__	395.9	19.60	a_e	Ms	5.1		
WLF	126.75	PKPdf	11:15:25.660	-0.0	50.7	1.94	TAS							a_e
WLF	126.75	PP	11:17:23.465		43.3	6.71	TAS							m_e

Event 10608008 Off east coast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/08	15:29:07.59			36.8360	143.3070				33.0			28		80.70	86.10	m i ke	BGR
	10608014																

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	10608014
Ms	5.0		BGR	10608014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.73		P	15:41:37.086	0.2	36.7		5.11		TAS		45.9	1.23	m_e mb	5.6
ASSE	82.14		P	15:41:23.564	0.4	36.7		5.11		TAS		31.5	1.38	m_e mb	5.3
BFO	86.10		P	15:41:43.820	0.1	36.7		5.11		TAS		48.1	1.24	a_e mb	5.5
BFO	86.10		L	16:29:01.280						T__		444.6	19.40	a_e Ms	4.9
BRG	81.89		P	15:41:22.420	-0.0	36.7		5.11		TAS		26.8	1.24	a_e mb	5.2
BSEG	80.81		P	15:41:17.120	0.2	36.7		5.11		TAS		62.5	1.23	a_e mb	5.5
BSEG	80.81		L	16:21:01.137						T__		814.2	18.40	a_e Ms	5.1
BUG	83.92		P	15:41:32.701	-0.3	36.7		5.11		TAS		37.7	1.22	m_e mb	5.5
CLL	81.91		P	15:41:22.386	0.0	36.7		5.11		TAS		30.7	1.04	m_e mb	5.4
CLL	81.91		L	16:22:57.273						T__		630.6	18.00	a_e Ms	5.0
CLZ	82.48		P	15:41:25.870	0.2	36.7		5.11		TAS		48.6	1.17	m_e mb	5.6
FLT1	81.77		P	15:41:21.370	-0.2	36.7		5.11		TAS		45.2	1.14	m_e mb	5.5
FUR	85.09		P	15:41:39.037	-0.5	36.7		5.11		TAS		27.6	0.78	m_e mb	5.5
FUR	85.09		L	16:23:04.965						T__		735.8	18.00	a_e Ms	5.1
GEC2	83.57		P	15:41:30.970	0.0	36.7		5.11		TAS		16.5	1.09	a_e mb	5.2
GEC2	83.57		L	16:22:01.500						T__		396.4	19.50	a_e Ms	4.8
GOR1	81.21		P	15:41:19.246	0.0	36.7		5.11		TAS		52.9	1.19	m_e mb	5.5
GRA1	83.89		P	15:41:33.370	0.3	36.7		5.11		TAS		114.1	1.35	a_e mb	5.9
GRA1	83.89		L	16:22:32.407						T__		475.5	18.60	a_e Ms	4.9
GTTG	82.87		P	15:41:27.660	-0.1	36.7		5.11		TAS		21.6	1.08	m_e mb	5.3
HLG	81.44		P	15:41:19.916	0.2	36.7		5.11		TAS		104.5	1.06	m_e mb	5.9
IBBN	83.03		P	15:41:28.420	-0.5	36.7		5.11		TAS		55.5	1.27	a_e mb	5.6
KAST	83.71		P	15:41:31.816	-0.1	36.7		5.11		TAS		66.2	1.86	m_e mb	5.5
MOX	82.97		P	15:41:28.041	0.1	36.7		5.11		TAS		62.5	1.84	m_e mb	5.5
MOX	82.97		L	16:25:04.947						T__		457.4	18.00	a_e Ms	4.9
NEUB	82.48		P	15:41:25.433	-0.1	36.7		5.11		TAS		67.7	1.23	m_e mb	5.7
PLN	82.89		P	15:41:27.792	-0.1	36.7		5.11		TAS		34.6	2.09	m_e mb	5.2
RETH	82.11		P	15:41:23.656	-0.1	36.7		5.11		TAS		54.3	1.36	m_e mb	5.5
RUE	80.70		P	15:41:16.295	0.1	36.7		5.11		TAS		103.8	1.50	m_e mb	5.6
STU	85.41		P	15:41:40.570	-0.2	36.7		5.11		TAS		142.1	1.22	m_e mb	6.0

TANN	82.83	P	15:41:27.268	0.1	36.7	5.11	TAS	50.7	1.95	m_e	mb	5.4
TNS	84.50	P	15:41:35.937	0.0	36.7	5.11	TAS	115.4	2.20	m_e	mb	5.7
TNS	84.50	L	16:26:14.909				T__	682.1	18.00	a_e	Ms	5.1
UBR	85.95	P	15:41:42.770		36.7	5.11	TAS	124.9	2.70	a_e	mb	5.6
WET	83.67	P	15:41:31.970	-0.1	36.7	5.11	TAS	30.8	1.26	a_e	mb	5.4
WET	83.67	L	16:22:30.529				T__	926.7	18.00	a_e	Ms	5.2
WLF	85.79	P	15:41:42.455	0.6	36.7	5.11	TAS	74.6	1.44	m_e	mb	5.6

Event 10608009 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
2021/06/08	22:34:27.45			40.4020	142.3470				33.0			23		77.22	82.61	m i ke	BGR
	10608015																

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	10608015
Ms	4.2		BGR	10608015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	78.63		P	22:46:24.606	0.2	35.6		5.38		TAS		6.9	0.99	m_e	mb	4.6
BFO	82.61		P	22:46:45.864		35.6		5.38		TAS		7.2	0.94	m_e	mb	4.9
BFO	82.61		L	23:26:23.089						T__		77.4	21.40	a_e	Ms	4.0
BRG	78.43		P	22:46:23.687	-0.1	35.6		5.38		TAS		7.4	1.00	m_e	mb	4.7
BSEG	77.28		P	22:46:17.703	0.1	35.6		5.38		TAS		10.0	0.88	m_e	mb	5.0
BSEG	77.28		L	23:22:44.086						T__		174.4	21.00	a_e	Ms	4.3
CLL	78.44		P	22:46:23.526	-0.1	35.6		5.38		TAS		11.8	0.91	m_e	mb	4.9
CLL	78.44		L	23:25:05.433						T__		102.2	19.90	a_e	Ms	4.2
CLZ	78.97		P	22:46:27.026	-0.4	35.6		5.38		TAS		21.1	1.26	a_e	mb	5.0
FLT1	78.27		P	22:46:22.326	0.3	35.6		5.38		TAS		11.8	0.89	a_e	mb	5.0
FUR	81.64		P	22:46:41.318		35.6		5.38		TAS		16.4	0.75	m_e	mb	5.2
FUR	81.64		L	23:26:16.796						T__		118.4	18.50	a_e	Ms	4.3
GEC2	80.14		P	22:46:33.007		35.6		5.38		TAS		5.7	0.97	m_e	mb	4.5
GEC2	80.14		L	23:25:02.192						T__		189.0	21.00	a_e	Ms	4.4
GOR1	77.71		P	22:46:20.326	-0.0	35.6		5.38		TAS		19.2	1.38	a_e	mb	5.0
GRA1	80.42		P	22:46:34.976	0.2	35.6		5.38		TAS		18.3	0.86	a_e	mb	5.1
GRA1	80.42		L	23:23:30.525						T__		88.6	18.90	a_e	Ms	4.1
GTTG	79.36		P	22:46:29.056	-0.0	35.6		5.38		TAS		11.5	1.09	m_e	mb	4.8
IBBN	79.50		P	22:46:29.666	-0.3	35.6		5.38		TAS		8.1	0.77	m_e	mb	4.7
KAST	80.19		P	22:46:33.276	-0.1	35.6		5.38		TAS		5.5	1.09	a_e	mb	4.4
MOX	79.49		P	22:46:29.507	0.1	35.6		5.38		TAS		14.0	1.38	m_e	mb	4.7
MOX	79.49		L	23:22:51.815						T__		78.6	21.00	a_e	Ms	4.0
NEUB	78.99		P	22:46:26.826	0.0	35.6		5.38		TAS		11.2	0.84	m_e	mb	4.9
PLN	79.42		P	22:46:29.179	0.3	35.6		5.38		TAS		1.6	0.80	m_e	mb	4.0
RETH	78.59		P	22:46:24.726	0.1	35.6		5.38		TAS		5.8	1.02	a_e	mb	4.6
RUE	77.22		P	22:46:17.281	-0.6	35.6		5.38		TAS		23.4	1.24	m_e	mb	5.2
STU	81.93		P	22:46:42.586		35.6		5.38		TAS		39.9	0.86	m_e	mb	5.6

TANN	79.36	P	22:46:28.781	0.0	35.6	5.38	TAS	3.4	0.99	m_e	mb	4.3
TNS	80.99	P	22:46:37.762	-0.1	35.6	5.38	TAS	3.7	0.67	m_e	mb	4.5
TNS	80.99	L	23:23:23.599				T__	137.3	22.00	a_e	Ms	4.3
WET	80.22	P	22:46:33.826		35.6	5.38	TAS	10.9	1.02	a_e	mb	4.7
WET	80.22	L	23:25:14.566				T__	148.0	19.80	a_e	Ms	4.3

Event 10609004 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
2021/06/09	13:05:56.18			40.2070	142.9370				33.0			21		77.66	83.00	m i ke	BGR
	10609010																

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	10609010
Ms	4.6		BGR	10609010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	79.01	P		13:17:55.596	-0.1	38.1		4.65		TAS		11.8	1.11	m_e	mb	4.8
BFO	83.00	P		13:18:16.709		38.1		4.65		TAS		8.5	0.62	m_e	mb	5.1
BFO	83.00	L		13:58:03.508						T__		156.1	20.10	a_e	Ms	4.4
BRG	78.82	P		13:17:54.339	-0.0	38.1		4.65		TAS		17.9	1.36	m_e	mb	4.9
BSEG	77.66	P		13:17:48.541	-0.6	38.1		4.65		TAS		15.0	0.93	m_e	mb	5.1
BSEG	77.66	L		13:54:24.572						T__		487.2	20.60	a_e	Ms	4.8
CLL	78.83	P		13:17:54.131	0.3	38.1		4.65		TAS		24.6	1.30	m_e	mb	5.1
CLL	78.83	L		13:55:10.974						T__		147.9	20.80	a_e	Ms	4.3
CLZ	79.35	P		13:17:57.696	-0.1	38.1		4.65		TAS		27.5	1.30	m_e	mb	5.1
FLT1	78.65	P		13:17:53.114	0.0	38.1		4.65		TAS		15.7	0.91	m_e	mb	5.0
FUR	82.03	L		13:57:46.366						T__		353.9	18.60	a_e	Ms	4.8
GEC2	80.54	P		13:18:03.384	-0.3	38.1		4.65		TAS		14.9	1.37	m_e	mb	4.8
GEC2	80.54	L		13:56:10.028						T__		388.1	20.80	a_e	Ms	4.7
GOR1	78.09	P		13:17:51.178	-0.2	38.1		4.65		TAS		50.8	1.48	m_e	mb	5.4
GRA1	80.81	P		13:18:05.808		38.1		4.65		TAS		57.1	1.30	m_e	mb	5.4
GRA1	80.81	L		13:55:11.287						T__		187.3	21.70	a_e	Ms	4.4
IBBN	79.87	P		13:18:00.018	0.7	38.1		4.65		TAS		17.3	1.20	m_e	mb	4.9
KAST	80.57	P		13:18:04.118	-0.1	38.1		4.65		TAS		4.5	0.81	m_e	mb	4.5
MOX	79.88	P		13:17:59.937	0.7	38.1		4.65		TAS		18.2	1.42	m_e	mb	4.8
MOX	79.88	L		13:58:02.163						T__		246.4	19.30	a_e	Ms	4.6
NEUB	79.38	P		13:17:57.582	-0.1	38.1		4.65		TAS		22.9	1.07	m_e	mb	5.1
PLN	79.81	P		13:17:59.717	0.2	38.1		4.65		TAS		1.8	0.75	m_e	mb	4.1
RETH	78.97	P		13:17:55.423	0.1	38.1		4.65		TAS		58.9	1.91	m_e	mb	5.3
TANN	79.75	P		13:17:59.404	-0.2	38.1		4.65		TAS		33.2	1.93	m_e	mb	4.9
TNS	81.38	P		13:18:07.881		38.1		4.65		TAS		17.2	1.37	m_e	mb	4.9
TNS	81.38	L		13:57:35.924						T__		340.9	19.60	a_e	Ms	4.7
UBR	82.88	P		13:18:15.933		38.1		4.65		TAS				m_e		
WET	80.62	P		13:18:04.699	-0.1	38.1		4.65		TAS		10.7	0.90	m_e	mb	4.9
WET	80.62	L		13:56:53.125						T__		542.1	19.30	a_e	Ms	4.9

WLF 82.65 P 13:18:14.830 38.1 4.65 TAS 18.2 1.45 m\_e mb 5.1

Event 10609005 Fiji Islands region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/06/09 22:53:34.70 -21.7000 -178.9400 592.0 22 146.97 152.71 m i ke EMSC
10609037

Magnitude Err Nsta Author OrigID

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Lists station data for event 10609005.

Event 10610004 Zaire

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/06/10 08:54:30.24 -1.2580 28.4950 33.0 17 51.34 57.06 m i ke BGR
10610010

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 10610010
Ms 4.0 BGR 10610010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	55.30		P	09:04:02.470	0.2	158.2		7.37		TAS		27.9	1.59	m_e	mb 5.0
BFO	52.43		P	09:03:41.071		158.2		7.37		TAS		36.1	1.96	m_e	mb 5.0
BFO	52.43		L	09:31:23.836						T__		99.6	20.10	a_e	Ms 3.9
BRG	53.42		P	09:03:48.057	-0.1	158.2		7.37		TAS		35.0	2.11	m_e	mb 4.9
BSEG	57.06		P	09:04:15.360	0.3	158.2		7.37		TAS		15.5	0.70	m_e	mb 5.2
BSEG	57.06		L	09:29:35.630						T__		99.8	19.70	a_e	Ms 3.9
CLL	54.02		L	09:28:03.640						T__		126.4	20.80	a_e	Ms 4.0
FUR	51.48		L	09:28:53.732						T__		155.5	18.30	a_e	Ms 4.1
GEC2	51.55		P	09:03:35.270		158.2		7.37		TAS		8.6	0.69	m_e	mb 4.8
GEC2	51.55		L	09:27:38.382						T__		185.9	19.80	a_e	Ms 4.1
GOR1	55.96		P	09:04:07.598	-0.2	158.2		7.37		TAS		72.5	1.65	m_e	mb 5.4
GRA1	52.91		P	09:03:44.615		158.2		7.37		TAS		14.0	0.77	m_e	mb 5.0
GRA1	52.91		L	09:30:12.549						T__		161.2	18.60	a_e	Ms 4.1
KAST	55.01		P	09:04:00.547	0.2	158.2		7.37		TAS		35.0	2.07	m_e	mb 5.0
MOX	53.71		P	09:03:50.976	-0.2	158.2		7.37		TAS		12.5	1.59	m_e	mb 4.7
MOX	53.71		L	09:30:32.530						T__		183.9	18.50	a_e	Ms 4.2
NEUB	54.18		P	09:03:54.545	0.3	158.2		7.37		TAS		12.9	0.71	m_e	mb 5.1
PLN	53.43		P	09:03:49.056		158.2		7.37		TAS		2.4	0.73	m_e	mb 4.2
RETH	56.17		P	09:04:09.425	0.1	158.2		7.37		TAS		112.1	2.16	m_e	mb 5.5
TANN	53.30		P	09:03:47.948		158.2		7.37		TAS		44.9	2.32	m_e	mb 5.0
TNS	54.11		P	09:03:53.811		158.2		7.37		TAS		7.0	0.76	m_e	mb 4.8
TNS	54.11		L	09:33:33.855						T__		135.6	19.70	a_e	Ms 4.0
UBR	51.34		P	09:03:33.157		158.2		7.37		TAS		5.5	0.93	m_e	mb 4.5
WET	52.01		P	09:03:38.582		158.2		7.37		TAS		4.5	0.76	m_e	mb 4.5
WET	52.01		L	09:27:40.709						T__		186.3	19.60	a_e	Ms 4.1
WLF	54.27		P	09:03:54.591		158.2		7.37		TAS		18.3	1.36	m_e	mb 4.9

Event 10610005 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/10	09:56:10.15			41.8530	142.7550				53.5	0.8		13		76.13	81.49	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	10610011
Ms	3.9		BGR	10610011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	81.49		P	10:08:18.949		34.6		5.46		TAS		3.9	0.80	m_e	mb 4.6
BFO	81.49		L	10:46:25.245						T__		35.2	21.20	a_e	Ms 3.7
BRG	77.33		P	10:07:56.667	0.0	34.6		5.46		TAS		4.2	0.82	m_e	mb 4.6
BSEG	76.13		L	10:43:50.201						T__		99.9	19.30	a_e	Ms 4.1
CLL	77.33		P	10:07:56.238	0.1	34.6		5.46		TAS		9.1	0.99	m_e	mb 4.9
CLL	77.33		L	10:44:34.763						T__		52.5	21.60	a_e	Ms 3.8



2021/06/10 11:20:26.48  
10610013

60.2530 -72.2840

33.0

41.24 47.58 m i ke BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	10610013
Ms	3.3		BGR	10610013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	45.53		P	11:28:41.077		311.7		8.01		TAS		9.4	1.27	m_e	mb 4.7
BFO	45.53		L	11:44:03.031						T__		28.5	22.00	a_e	Ms 3.2
BRG	46.20		P	11:28:46.858		311.7		8.01		TAS		7.8	1.25	m_e	mb 4.6
BSEG	42.46		P	11:28:17.041		311.7		8.01		TAS		4.1	0.67	m_e	mb 4.3
CLL	45.47		P	11:28:40.840		311.7		8.01		TAS		7.0	1.22	m_e	mb 4.6
CLL	45.47		L	11:45:46.072						T__		32.6	19.30	a_e	Ms 3.3
FLT1	43.97		P	11:28:28.673		311.7		8.01		TAS		5.3	0.98	m_e	mb 4.2
GEC2	47.58		P	11:28:57.819		311.7		8.01		TAS		3.2	0.85	m_e	mb 4.5
GOR1	43.54		P	11:28:25.982		311.7		8.01		TAS		8.6	0.83	m_e	mb 4.5
GRA1	45.85		P	11:28:44.438		311.7		8.01		TAS		10.2	1.12	m_e	mb 4.8
GRA1	45.85		L	11:45:14.752						T__		32.8	19.10	a_e	Ms 3.3
GTTG	43.97		P	11:28:29.182		311.7		8.01		TAS		6.5	0.58	m_e	mb 4.5
HLG	41.24		P	11:28:07.096		311.7		8.01		TAS		12.6	0.69	m_e	mb 4.8
KAST	43.52		P	11:28:25.450		311.7		8.01		TAS		2.9	0.83	m_e	mb 4.0
MOX	45.34		P	11:28:39.940		311.7		8.01		TAS		3.1	0.69	m_e	mb 4.3
MOX	45.34		L	11:47:16.398						T__		33.8	19.10	a_e	Ms 3.3
NEUB	45.01		P	11:28:37.443		311.7		8.01		TAS		11.3	0.92	m_e	mb 4.8
PLN	45.69		P	11:28:42.660		311.7		8.01		TAS		1.3	1.00	m_e	mb 3.9
RETH	42.87		P	11:28:20.758		311.7		8.01		TAS		20.4	1.69	m_e	mb 4.6
RUE	44.97		P	11:28:37.087		311.7		8.01		TAS		21.5	0.61	m_e	mb 5.2
TANN	45.88		P	11:28:44.084		311.7		8.01		TAS		4.6	1.28	m_e	mb 4.3
TNS	44.22		L	11:44:22.604						T__		47.8	21.60	a_e	Ms 3.4
WET	46.99		P	11:28:52.935		311.7		8.01		TAS		2.8	0.94	m_e	mb 4.4

Event 10610008 Yunnan, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/10	11:46:12.77		24.4050	101.8460					33.0					70.61	75.28	m i ke	BGR
OrigID 10610014																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	10610014
Ms	4.5		BGR	10610014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	74.38		L	12:33:46.025						T__		268.6	19.70	a_e	Ms 4.5
BSEG	71.48		P	11:57:30.554		77.1		5.25		TAS		15.0	1.07	m_e	mb 5.0
BSEG	71.48		L	12:31:21.809						T__		241.9	19.80	a_e	Ms 4.5



CLL	70.61	P	11:57:26.404	77.1	5.25	TAS	11.3	1.25	m_e	mb	4.9
CLL	70.61	L	12:29:22.710			T__	233.2	19.70	a_e	Ms	4.4
CLZ	72.04	P	11:57:33.914	77.1	5.25	TAS	15.4	0.96	m_e	mb	5.1
FUR	72.57	L	12:30:24.344			T__	297.0	21.70	a_e	Ms	4.5
GEC2	70.83	P	11:57:27.541	77.1	5.25	TAS	5.5	1.09	m_e	mb	4.6
GEC2	70.83	L	12:30:07.038			T__	248.3	21.40	a_e	Ms	4.4
GRA1	72.15	P	11:57:33.786	77.1	5.25	TAS	6.4	0.66	m_e	mb	4.9
GRA1	72.15	L	12:29:37.814			T__	261.6	21.70	a_e	Ms	4.5
KAST	73.40	P	11:57:42.002	77.1	5.25	TAS	4.0	0.80	m_e	mb	4.6
MOX	71.64	P	11:57:31.477	77.1	5.25	TAS	3.7	0.68	m_e	mb	4.6
MOX	71.64	L	12:30:04.919			T__	188.1	19.60	a_e	Ms	4.4
NEUB	71.39	P	11:57:31.416	77.1	5.25	TAS	15.3	0.93	m_e	mb	5.1
PLN	71.35	P	11:57:30.506	77.1	5.25	TAS	3.7	1.27	m_e	mb	4.4
RETH	72.37	P	11:57:36.561	77.1	5.25	TAS	3.5	0.83	m_e	mb	4.5
TANN	71.18	P	11:57:30.629	77.1	5.25	TAS	5.9	0.91	m_e	mb	4.7
TNS	73.69	P	11:57:44.227	77.1	5.25	TAS	7.4	0.73	m_e	mb	4.8
TNS	73.69	L	12:33:38.078			T__	194.0	20.70	a_e	Ms	4.4
WET	71.27	P	11:57:29.874	77.1	5.25	TAS	5.1	0.91	m_e	mb	4.7
WET	71.27	L	12:32:05.344			T__	259.3	21.20	a_e	Ms	4.5
WLF	75.28	P	11:57:54.974	77.1	5.25	TAS	20.7	0.87	m_e	mb	5.2

Event 10610009 Costa Rica

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/10	23:27:14.02			10.3900	-84.5430				33.0			26		82.62	87.62	m i ke	BGR
OrigID 10610015																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	10610015
Ms	5.3		BGR	10610015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	83.09	P		23:39:36.580	0.3	281.1		4.95		TAS		25.3	0.94	m_e	mb	5.4
ASSE	85.06	P		23:39:46.525	0.5	281.1		4.95		TAS		16.8	1.00	a_e	mb	5.2
BFO	84.23	P		23:39:41.735	-0.1	281.1		4.95		TAS		39.3	0.92	m_e	mb	5.6
BFO	84.23	L		00:14:43.655						T__		2043.7	20.60	a_e	Ms	5.5
BRG	87.31	P		23:39:56.834		281.1		4.95		TAS		22.2	1.00	m_e	mb	5.2
BSEG	84.52	P		23:39:43.435	0.1	281.1		4.95		TAS		19.1	1.08	m_e	mb	5.2
BSEG	84.52	L		00:17:07.147						T__		722.0	21.80	a_e	Ms	5.0
BUG	83.08	P		23:39:36.289	0.0	281.1		4.95		TAS		44.8	1.45	m_e	mb	5.5
CLL	86.64	P		23:39:53.598	-0.4	281.1		4.95		TAS		41.4	0.97	m_e	mb	5.5
CLL	86.64	L		00:15:42.991						T__		1353.7	21.80	a_e	Ms	5.3
CLZ	84.93	P		23:39:45.783	0.4	281.1		4.95		TAS		54.9	1.00	m_e	mb	5.7
FLT1	85.36	P		23:39:47.325	0.1	281.1		4.95		TAS		34.9	0.98	a_e	mb	5.5
FUR	86.19	L		00:15:52.340						T__		1521.8	20.70	a_e	Ms	5.4
GEC2	87.62	P		23:39:58.260		281.1		4.95		TAS		16.0	1.17	m_e	mb	5.2

GEC2	87.62	L	00:17:12.516							T__	1735.4	19.90	a_e	Ms	5.5
GRA1	85.86	P	23:39:50.375	0.2	281.1		4.95			TAS	47.6	0.97	m_e	mb	5.6
GRA1	85.86	L	00:13:24.498							T__	1547.8	21.70	a_e	Ms	5.4
GTTG	84.73	P	23:39:44.267	-0.1	281.1		4.95			TAS	44.3	0.95	m_e	mb	5.7
HLG	83.06	P	23:39:35.547	-0.6	281.1		4.95			TAS	41.5	0.92	m_e	mb	5.7
IBBN	83.26	P	23:39:36.975	-0.1	281.1		4.95			TAS	42.0	1.08	a_e	mb	5.6
KAST	83.83	P	23:39:39.875	-0.1	281.1		4.95			TAS	13.9	1.10	a_e	mb	5.1
MOX	85.92	P	23:39:50.358	0.1	281.1		4.95			TAS	34.9	0.98	m_e	mb	5.5
MOX	85.92	L	00:17:34.014							T__	1194.3	20.20	a_e	Ms	5.3
NEUB	85.91	P	23:39:50.425	0.1	281.1		4.95			TAS	42.0	0.95	a_e	mb	5.5
PLN	86.29	P	23:39:52.275	-0.3	281.1		4.95			TAS	20.7	0.92	a_e	mb	5.2
RETH	84.16	P	23:39:41.724	0.1	281.1		4.95			TAS	24.2	1.06	m_e	mb	5.4
RGN	86.13	P	23:39:51.405	0.1	281.1		4.95			TAS	45.4	0.92	m_e	mb	5.6
STU	84.72	P	23:39:44.191	-0.1	281.1		4.95			TAS	138.0	0.94	m_e	mb	6.2
TANN	86.49	P	23:39:53.297	0.0	281.1		4.95			TAS	53.4	0.95	m_e	mb	5.7
TNS	84.00	P	23:39:40.925	0.1	281.1		4.95			TAS	23.3	1.21	a_e	mb	5.3
TNS	84.00	L	00:12:19.586							T__	1072.6	21.20	a_e	Ms	5.2
UBR	85.51	P	23:39:48.355	0.4	281.1		4.95			TAS	44.2	0.97	m_e	mb	5.6
WET	87.03	P	23:39:55.789		281.1		4.95			TAS	55.4	1.02	m_e	mb	5.6
WET	87.03	L	00:14:07.119							T__	1889.8	21.40	a_e	Ms	5.5
WLF	82.62	P	23:39:33.633	-0.3	281.1		4.95			TAS	46.8	0.99	m_e	mb	5.7

Event 10611002 Minahassa Peninsula, Sulawesi, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/11	02:23:45.30			0.0600	124.2700				90.0			14		102.67	106.92	m i ke	EMSC
OrigID 10611034																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.9		BGR	10611008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	104.23		Pdiff	02:37:39.211	-0.1	72.2		4.58		TAS				m_e	
BFO	106.92		Pdiff	02:37:51.676		72.2		4.58		TAS				m_e	
BFO	106.92		L	03:29:11.005						T__		364.2	21.60	a_e	Ms 4.9
BRG	102.67		Pdiff	02:37:32.356		72.2		4.58		TAS				m_e	
BSEG	103.83		Pdiff	02:37:38.080	-0.2	72.2		4.58		TAS				m_e	
BSEG	103.83		L	03:32:35.184						T__		331.4	18.70	a_e	Ms 4.9
CLL	103.11		Pdiff	02:37:33.817	0.1	72.2		4.58		TAS				m_e	
CLL	103.11		L	03:29:11.347						T__		407.5	21.40	a_e	Ms 4.9
CLZ	104.50		Pdiff	02:37:40.818	-0.1	72.2		4.58		TAS				m_e	
FUR	105.12		L	03:28:11.334						T__		285.2	21.50	a_e	Ms 4.8
GEC2	103.38		Pdiff	02:37:35.425		72.2		4.58		TAS				m_e	
GRA1	104.68		L	03:27:32.532						T__		429.8	20.90	a_e	Ms 5.0
GTTG	104.84		Pdiff	02:37:42.193	-0.1	72.2		4.58		TAS				m_e	
HLG	105.07		Pdiff	02:37:43.397	0.3	72.2		4.58		TAS				m_e	

MOX	104.14	Pdiff	02:37:38.823	72.2	4.58	TAS				m_e							
MOX	104.14	L	03:27:33.541			T__					300.4	22.00	a_e Ms			4.8	
NEUB	103.88	Pdiff	02:37:37.623	72.2	4.58	TAS											
PLN	103.86	Pdiff	02:37:37.572	72.2	4.58	TAS											
TANN	103.70	Pdiff	02:37:36.807	72.2	4.58	TAS											
TNS	106.19	L	03:31:01.143			T__					285.0	20.30	a_e Ms			4.8	
WET	103.81	Pdiff	02:37:37.448	72.2	4.58	TAS											
WET	103.81	L	03:27:18.569			T__					434.7	21.00	a_e Ms			5.0	

Event 10611003 Taiwan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/11	07:33:35.49			23.9590	121.4770				33.0			18		82.03	86.46	m i ke	BGR
10611009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	10611009
Ms	5.0		BGR	10611009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	83.19		P	07:45:57.904	0.7	59.5		5.16		TAS		33.2	1.76	m_e mb	5.3
BFO	86.46		L	08:28:29.852						T__		704.3	18.60	a_e Ms	5.1
BRG	82.03		P	07:45:51.805	0.1	59.5		5.16		TAS		11.7	1.34	m_e mb	4.8
BSEG	82.45		L	08:24:14.268						T__		464.8	20.10	a_e Ms	4.8
CLL	82.34		P	07:45:52.893	-0.6	59.5		5.16		TAS		21.1	1.50	m_e mb	5.0
CLL	82.34		L	08:25:54.344						T__		619.8	20.80	a_e Ms	5.0
CLZ	83.49		P	07:45:59.789	0.1	59.5		5.16		TAS		24.9	1.40	m_e mb	5.2
FLT1	82.79		P	07:45:55.170	0.1	59.5		5.16		TAS		8.8	1.12	m_e mb	4.9
FUR	84.88		L	08:29:54.540						T__		439.0	19.30	a_e Ms	4.9
GEC2	83.14		P	07:45:57.664	0.1	59.5		5.16		TAS		9.4	1.07	m_e mb	4.9
GEC2	83.14		L	08:28:43.326						T__		734.3	19.10	a_e Ms	5.1
GOR1	82.42		P	07:45:53.954	-0.3	59.5		5.16		TAS		54.2	1.64	m_e mb	5.4
GRA1	84.13		P	07:46:02.790		59.5		5.16		TAS		26.4	1.30	m_e mb	5.3
GRA1	84.13		L	08:25:31.732						T__		580.4	18.10	a_e Ms	5.0
GTTG	83.86		P	07:46:01.584	-0.3	59.5		5.16		TAS		24.0	1.37	m_e mb	5.2
KAST	84.87		P	07:46:06.518		59.5		5.16		TAS		14.6	1.43	m_e mb	5.0
MOX	83.43		P	07:45:59.197	0.3	59.5		5.16		TAS		15.2	1.42	m_e mb	5.0
MOX	83.43		L	08:26:36.666						T__		691.3	19.10	a_e Ms	5.0
NEUB	83.07		P	07:45:56.925	0.1	59.5		5.16		TAS		26.2	1.40	m_e mb	5.3
PLN	83.21		P	07:45:57.918	0.4	59.5		5.16		TAS		7.2	1.54	m_e mb	4.7
RETH	83.56		P	07:45:59.986	-0.3	59.5		5.16		TAS		11.0	1.50	m_e mb	4.9
TANN	83.08		P	07:45:57.244	-0.0	59.5		5.16		TAS		7.6	1.30	m_e mb	4.8
TNS	85.38		P	07:46:08.852		59.5		5.16		TAS		17.9	1.62	m_e mb	5.0
TNS	85.38		L	08:29:00.761						T__		568.6	20.70	a_e Ms	5.0
UBR	85.80		P	07:46:11.004		59.5		5.16		TAS		11.8	1.24	m_e mb	4.9
WET	83.47		P	07:45:59.953	0.3	59.5		5.16		TAS		9.9	1.21	m_e mb	4.9

WET 83.47 L 08:25:18.356 T\_\_ 574.2 18.70 a\_e Ms 5.0

Event 10611001 Northern and central Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/11	14:31:11.90			37.3900	56.6900				10.0			5		33.01	36.05	m i ke	EMSC
OrigID 10611033																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	10611007
Ms	3.0		BGR	10611007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	33.01		P	14:37:47.892		93.2		8.55		TAS		6.5	0.92	m_e	mb 4.5
BSEG	35.63		P	14:38:10.488	-0.3	93.2		8.55		TAS		11.0	0.82	m_e	mb 4.7
CLZ	35.34		P	14:38:07.493		93.2		8.55		TAS		4.8	0.78	m_e	mb 4.5
FLT1	34.87		P	14:38:03.427		93.2		8.55		TAS		7.6	0.74	m_e	mb 4.7
GRA1	34.64		L	14:53:00.713						T__		28.1	18.60	a_e	Ms 3.0
MOX	34.46		P	14:38:00.153		93.2		8.55		TAS		6.8	0.96	m_e	mb 4.5
MOX	34.46		L	14:54:46.346						T__		28.0	19.40	a_e	Ms 3.0
NEUB	34.41		P	14:38:00.042		93.2		8.55		TAS		11.5	0.87	m_e	mb 4.8
RETH	36.05		P	14:38:13.862	-0.3	93.2		8.55		TAS		5.2	1.03	m_e	mb 4.3

Event 10611004 Northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/11	19:13:47.40			4.0200	95.9800				55.0					81.88	83.57	m i ke	EMSC
OrigID 10611036																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	10611010
Ms	3.6		BGR	10611010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	81.88		P	19:26:01.359		91.4		4.32		TAS		6.2	1.27	m_e	
GEC2	81.92		P	19:26:01.499		91.4		4.32		TAS		5.0	1.12	m_e	
GRA1	83.57		P	19:26:08.363		91.4		4.32		TAS		12.9	1.70	m_e	mb 4.9
GRA1	83.57		L	20:10:57.529						T__		24.5	20.50	a_e	Ms 3.6
MOX	83.34		L	20:04:57.247						T__		24.6	18.40	a_e	Ms 3.6
WET	82.47		P	19:26:04.396		91.4		4.32		TAS		3.1	0.95	m_e	

## Event 10611005 Northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/11	21:37:24.10		0.0300	100.1100					40.0			9		87.57	89.82	m i ke	EMSC
OrigID 10611037																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	10611011
Ms	3.9		BGR	10611011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	89.64		P	21:50:18.999		90.8		4.94		TAS		5.1	0.98	m_e	mb	4.7
BRG	87.57		P	21:50:08.673	0.1	90.8		4.94		TAS		5.5	1.26	m_e	mb	4.7
CLL	88.18		P	21:50:11.419	-0.2	90.8		4.94		TAS		6.9	1.25	m_e	mb	4.8
CLZ	89.82		P	21:50:19.682		90.8		4.94		TAS		8.4	1.27	m_e	mb	4.8
GEC2	87.63		P	21:50:08.797	-0.1	90.8		4.94		TAS		7.2	1.40	m_e	mb	4.8
GRA1	89.27		P	21:50:17.295		90.8		4.94		TAS		12.6	1.46	m_e	mb	4.9
GRA1	89.27		L	22:32:40.776						T__		42.9	21.40	a_e	Ms	3.8
MOX	89.03		L	22:32:01.369						T__		52.7	21.30	a_e	Ms	3.9
NEUB	88.95		P	21:50:15.278	-0.1	90.8		4.94		TAS		15.9	1.18	m_e	mb	5.1
RUE	87.74		P	21:50:09.712	0.2	90.8		4.94		TAS		16.9	1.00	m_e	mb	5.3
WET	88.18		P	21:50:11.691	-0.2	90.8		4.94		TAS		3.7	1.10	m_e	mb	4.6

## Event 10611006 Taiwan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/11	21:59:10.50		23.5680	121.0550					33.0					82.10	86.53	m i ke	BGR
OrigID 10611012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	10611012
Ms	4.8		BGR	10611012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	83.28		P	22:11:34.832		64.9		4.66		TAS		15.0	1.61	m_e	mb	5.0
BFO	86.53		P	22:11:49.492		64.9		4.66		TAS		14.4	1.84	m_e	mb	4.8
BFO	86.53		L	22:54:59.631						T__		374.2	18.50	a_e	Ms	4.8
BRG	82.10		P	22:11:27.623		64.9		4.66		TAS		12.7	1.83	m_e	mb	4.7
BSEG	82.56		L	22:51:05.702						T__		548.5	18.10	a_e	Ms	5.0
CLL	82.42		P	22:11:29.118		64.9		4.66		TAS		44.0	2.30	m_e	mb	5.2
CLL	82.42		L	22:53:25.170						T__		820.4	19.00	a_e	Ms	5.1
CLZ	83.58		P	22:11:32.918		64.9		4.66		TAS		19.5	1.65	m_e	mb	5.1
FUR	84.94		L	22:52:09.407						T__		338.7	19.70	a_e	Ms	4.7
GEC2	83.20		P	22:11:33.143		64.9		4.66		TAS		31.8	2.15	m_e	mb	5.2
GEC2	83.20		L	22:51:05.973						T__		258.9	19.00	a_e	Ms	4.6

GRA1	84.20	P	22:11:38.680	64.9	4.66	TAS	29.4	1.86	m_e	mb	5.2
GRA1	84.20	L	22:55:00.898			T__	390.4	20.70	a_e	Ms	4.8
KAST	84.96	P	22:11:43.067	64.9	4.66	TAS	132.6	3.41	m_e	mb	5.6
MOX	83.51	P	22:11:32.041	64.9	4.66	TAS	10.1	1.58	m_e	mb	4.8
MOX	83.51	L	22:54:07.788			T__	770.6	18.30	a_e	Ms	5.1
RETH	83.66	P	22:11:32.747	64.9	4.66	TAS	9.2	1.51	m_e	mb	4.8
TANN	83.15	P	22:11:32.731	64.9	4.66	TAS	7.7	1.49	m_e	mb	4.7
TNS	85.46	L	22:51:16.637			T__	240.3	21.80	a_e	Ms	4.5
WET	83.53	P	22:11:32.378	64.9	4.66	TAS	17.8	1.77	m_e	mb	5.0
WET	83.53	L	22:51:15.207			T__	444.0	19.10	a_e	Ms	4.9

Event 10612001 Near coast of Venezuela

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/12	06:18:39.21			10.8210	-62.6580				33.0			14		68.13	73.23	m i ke	BGR
10612007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	10612007
Ms	3.8		BGR	10612007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	68.86		P	06:29:39.112	1.4	262.7		6.48		TAS		4.9	0.58	m_e	mb	4.9
BFO	69.37		L	06:53:54.924						T__		85.8	18.00	a_e	Ms	4.0
BRG	73.23		P	06:30:07.640		262.7		6.48		TAS		4.1	0.98	m_e	mb	4.6
BSEG	71.30		P	06:29:53.715		262.7		6.48		TAS		10.0	1.00	m_e	mb	5.0
BSEG	71.30		L	06:55:07.638						T__		114.9	21.70	a_e	Ms	4.0
CLL	72.67		P	06:29:59.832		262.7		6.48		TAS		2.2	0.75	m_e	mb	4.5
CLL	72.67		L	07:00:39.255						T__		56.4	21.70	a_e	Ms	3.7
CLZ	71.09		P	06:29:51.894	-3.5	262.7		6.48		TAS		6.7	0.92	m_e	mb	4.9
FUR	71.31		L	06:54:39.903						T__		37.0	21.10	a_e	Ms	3.5
GEC2	72.96		P	06:30:00.284		262.7		6.48		TAS		4.6	1.05	m_e	mb	4.6
GEC2	72.96		L	07:00:32.522						T__		104.2	20.60	a_e	Ms	4.0
GRA1	71.40		P	06:29:56.266		262.7		6.48		TAS		4.4	0.93	m_e	mb	4.7
GRA1	71.40		L	06:57:31.689						T__		79.2	22.00	a_e	Ms	3.9
IBBN	69.55		P	06:29:39.968	0.7	262.7		6.48		TAS		16.4	0.94	m_e	mb	5.2
MOX	71.74		L	06:57:34.199						T__		67.8	21.10	a_e	Ms	3.8
PLN	72.07		P	06:30:00.316		262.7		6.48		TAS		1.3	1.01	m_e	mb	4.1
RETH	70.58		P	06:29:51.582	1.9	262.7		6.48		TAS		13.1	1.29	m_e	mb	4.9
TANN	72.26		P	06:30:01.587		262.7		6.48		TAS		14.4	1.75	m_e	mb	4.9
TNS	69.68		P	06:29:40.342	2.4	262.7		6.48		TAS		5.0	0.83	m_e	mb	4.8
TNS	69.68		L	06:53:45.381						T__		56.9	21.40	a_e	Ms	3.7
UBR	70.48		P	06:29:48.139	1.8	262.7		6.48		TAS		2.3	0.86	m_e	mb	4.3
WET	72.44		L	06:58:10.868						T__		58.1	21.90	a_e	Ms	3.7
WLF	68.13		P	06:29:33.005	0.1	262.7		6.48		TAS		3.8	0.66	m_e	mb	4.4

Event 10612002 Myanmar

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/12	10:00:58.92			25.6900	96.9340				10.0			13		66.19	71.32	m i ke	BGR
OrigID 10612008																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	10612008
Ms	4.3		BGR	10612008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	70.35		L	10:48:00.902						T__		157.7	18.10	a_e Ms	4.3
BRG	66.19		P	10:11:45.339	-0.2	75.7		6.29		TAS		6.4	0.80	m_e mb	4.9
BSEG	67.68		L	10:42:49.306						T__		241.3	21.50	a_e Ms	4.4
CLL	66.67		L	10:44:48.355						T__		212.3	19.50	a_e Ms	4.4
CLZ	68.14		P	10:11:58.642		75.7		6.29		TAS		10.9	0.73	m_e mb	5.2
FUR	68.51		L	10:46:36.665						T__		190.6	19.40	a_e Ms	4.3
GEC2	66.78		P	10:11:49.826	-0.7	75.7		6.29		TAS		5.9	0.82	m_e mb	4.9
GEC2	66.78		L	10:45:23.777						T__		263.9	20.50	a_e Ms	4.4
GRA1	68.15		P	10:11:58.665		75.7		6.29		TAS		6.4	0.96	m_e mb	4.8
GRA1	68.15		L	10:42:56.192						T__		169.3	22.00	a_e Ms	4.2
GTTG	68.47		P	10:12:00.235		75.7		6.29		TAS		8.2	0.82	m_e mb	5.0
MOX	67.68		P	10:11:55.924	-0.3	75.7		6.29		TAS		14.7	1.48	m_e mb	5.0
MOX	67.68		L	10:45:17.769						T__		156.1	21.40	a_e Ms	4.2
PLN	67.38		P	10:11:52.832	-0.0	75.7		6.29		TAS		1.4	0.88	m_e mb	4.2
STU	69.68		P	10:12:08.250		75.7		6.29		TAS		32.9	0.87	m_e mb	5.5
TANN	67.21		P	10:11:52.229	0.6	75.7		6.29		TAS		3.5	0.76	m_e mb	4.7
TNS	69.74		P	10:12:08.326		75.7		6.29		TAS		6.7	0.77	m_e mb	4.8
TNS	69.74		L	10:46:41.976						T__		149.8	18.00	a_e Ms	4.3
UBR	69.39		P	10:12:05.670		75.7		6.29		TAS		6.6	0.79	m_e mb	4.9
WET	67.23		P	10:11:53.065	0.4	75.7		6.29		TAS		6.3	0.82	m_e mb	4.9
WET	67.23		L	10:45:57.615						T__		237.0	19.70	a_e Ms	4.4
WLF	71.32		P	10:12:18.055		75.7		6.29		TAS		19.8	0.89	m_e mb	5.2

Event 10613002 Guatemala

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/13	02:58:13.09			14.0240	-90.8400				33.0			18		83.88	88.84	m i ke	BGR
OrigID 10613008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	10613008
Ms	4.7		BGR	10613008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.23		P	03:10:40.432	0.1	280.2		5.27		TAS		8.7	0.85	m_e	mb 5.0
ASSE	85.95		P	03:10:49.316	-0.2	280.2		5.27		TAS		35.8	1.51	m_e	mb 5.3
BFO	85.62		P	03:10:46.549	0.1	280.2		5.27		TAS		18.5	1.46	m_e	mb 5.0
BFO	85.62		L	03:48:57.629						T__		409.0	21.60	a_e	Ms 4.8
BRG	88.29		P	03:11:00.573		280.2		5.27		TAS				m_e	
BSEG	85.20		P	03:10:45.526	0.1	280.2		5.27		TAS		33.2	1.19	m_e	mb 5.5
BSEG	85.20		L	03:48:44.834						T__		425.9	21.40	a_e	Ms 4.8
CLL	87.58		P	03:10:56.716	-0.2	280.2		5.27		TAS				m_e	
CLL	87.58		L	03:48:57.149						T__		268.7	22.00	a_e	Ms 4.6
CLZ	85.86		P	03:10:48.848	0.2	280.2		5.27		TAS		12.9	0.97	m_e	mb 5.0
FUR	87.55		L	03:52:18.960						T__		341.7	20.00	a_e	Ms 4.8
GEC2	88.84		P	03:11:02.697		280.2		5.27		TAS		7.5	1.35	m_e	mb 4.8
GEC2	88.84		L	03:46:50.530						T__		406.4	21.20	a_e	Ms 4.8
GRA1	87.03		P	03:10:55.076		280.2		5.27		TAS		19.7	1.12	m_e	mb 5.2
GRA1	87.03		L	03:45:47.531						T__		420.3	21.80	a_e	Ms 4.8
GTTG	85.70		P	03:10:47.947	0.1	280.2		5.27		TAS		27.4	1.16	m_e	mb 5.3
KAST	84.87		P	03:10:43.442	-0.2	280.2		5.27		TAS		20.5	1.42	m_e	mb 5.2
MOX	86.97		P	03:10:53.816		280.2		5.27		TAS		13.2	1.26	m_e	mb 4.9
MOX	86.97		L	03:48:06.894						T__		253.4	21.80	a_e	Ms 4.6
PLN	87.35		P	03:10:55.703		280.2		5.27		TAS		5.9	1.22	m_e	mb 4.6
RETH	85.00		P	03:10:44.760	-0.4	280.2		5.27		TAS		25.7	1.14	m_e	mb 5.3
STU	86.04		P	03:10:49.220	-0.2	280.2		5.27		TAS		21.5	0.98	m_e	mb 5.2
TANN	87.56		P	03:10:56.830		280.2		5.27		TAS		19.1	1.38	m_e	mb 5.2
TNS	85.17		P	03:10:45.123	0.1	280.2		5.27		TAS		32.6	1.41	m_e	mb 5.4
TNS	85.17		L	03:44:51.884						T__		306.2	20.90	a_e	Ms 4.7
UBR	86.95		P	03:10:53.707		280.2		5.27		TAS		14.4	1.07	m_e	mb 5.0
WET	88.23		P	03:11:00.347		280.2		5.27		TAS		24.2	1.45	m_e	mb 5.3
WET	88.23		L	03:46:32.628						T__		466.0	21.50	a_e	Ms 4.9
WLF	83.88		P	03:10:38.490	0.0	280.2		5.27		TAS		13.6	1.14	m_e	mb 5.1

Event 10613003 Near coast of northern Siberia, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/13	04:28:56.11			73.0490	124.6920				33.0					47.38	49.51	m i ke	BGR
OrigID 10613009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	10613009
Ms	3.3		BGR	10613009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	47.38		P	04:37:24.115		16.9		6.88		TAS		2.8	0.73	m_e	mb 4.5
CLZ	47.48		P	04:37:26.509		16.9		6.88		TAS		2.7	0.71	m_e	mb 4.5
GEC2	49.51		P	04:37:39.752		16.9		6.88		TAS		1.9	0.93	m_e	mb 4.0



GRA1	49.29	P	04:37:40.696	16.9	6.88	TAS												m_e	
GRA1	49.29	L	05:04:43.884			T__					25.9	20.70	a_e	Ms					3.2
MOX	48.31	P	04:37:31.245	16.9	6.88	TAS					2.1	0.64	m_e	mb					4.4
MOX	48.31	L	05:06:26.416			T__					35.1	19.80	a_e	Ms					3.4
PLN	48.34	P	04:37:31.740	16.9	6.88	TAS					3.4	1.36	m_e	mb					4.3
TANN	48.33	P	04:37:31.714	16.9	6.88	TAS					10.6	1.54	m_e	mb					4.7
WET	49.42	P	04:37:40.420	16.9	6.88	TAS					2.2	1.00	m_e	mb					4.0

Event 10613004 Chagos Archipelago region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/13	09:27:56.35			-4.9610	69.0330				10.0					71.98	76.34	m i ke	BGR
OrigID																	
10613010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	10613010
Ms	4.0		BGR	10613010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	74.88		L	10:13:07.633						T__		54.6	21.20	a_e	Ms	3.8
BRG	72.88		P	09:39:26.566		119.3		7.28		TAS		1.7	0.78	m_e	mb	4.2
BSEG	76.34		L	10:14:43.104						T__		129.7	20.50	a_e	Ms	4.2
CLL	73.62		P	09:39:31.194		119.3		7.28		TAS		6.1	1.15	m_e	mb	4.5
CLL	73.62		L	10:11:22.574						T__		100.1	21.80	a_e	Ms	4.1
FUR	73.05		P	09:39:27.372		119.3		7.28		TAS		12.7	0.81	m_e	mb	5.1
FUR	73.05		L	10:10:42.197						T__		80.0	21.90	a_e	Ms	4.0
GEC2	71.98		P	09:39:19.293		119.3		7.28		TAS		8.1	1.66	m_e	mb	4.6
GRA1	73.81		P	09:39:31.762		119.3		7.28		TAS		9.1	1.04	m_e	mb	4.7
GRA1	73.81		L	09:57:56.089						T__		64.3	20.60	a_e	Ms	3.9
MOX	74.05		P	09:39:32.772		119.3		7.28		TAS		3.5	1.03	m_e	mb	4.3
MOX	74.05		L	09:59:24.550						T__		86.2	19.80	a_e	Ms	4.0
TNS	75.64		P	09:39:43.401		119.3		7.28		TAS		5.5	1.06	m_e	mb	4.6
TNS	75.64		L	10:11:35.590						T__		82.9	18.90	a_e	Ms	4.1
UBR	73.53		P	09:39:30.769		119.3		7.28		TAS		14.5	1.10	m_e	mb	5.0
WET	72.60		L	10:12:54.244						T__		64.4	21.50	a_e	Ms	3.9

Event 10614003 Western Arabian Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2021/06/14	02:45:08.68			13.5450	47.7610				33.0					24	45.02	50.13	m i ke	BGR
OrigID																		
10614009																		

Magnitude	Err	Nsta	Author	OrigID
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mb 5.5 BGR 10614009  
 Ms 4.6 BGR 10614009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	49.48		P	02:53:57.508	0.2	127.5		7.82		TAS		104.0	1.80	m_e	mb 5.6
AHRW	49.48		PcP	02:55:15.596						T__				m_e	
ASSE	48.59		P	02:53:49.992	-0.2	127.5		7.82		TAS		152.7	2.15	m_e	mb 5.7
BFO	47.59		P	02:53:42.753	-0.3	127.5		7.82		TAS		126.9	1.90	m_e	mb 5.7
BFO	47.59		PcP	02:55:08.003						T__				m_e	
BFO	47.59		L	03:15:00.450						T__		513.0	21.70	a_e	Ms 4.5
BRG	46.22		P	02:53:31.763	0.2	127.5		7.82		TAS		12.7	0.78	m_e	mb 5.0
BRG	46.22		PcP	02:55:04.085						T__				m_e	
BSEG	49.89		PcP	02:55:16.647						T__				m_e	
BSEG	49.89		L	03:24:32.494						T__		1259.4	18.80	a_e	Ms 4.9
BUG	49.88		PcP	02:55:17.131						T__				m_e	
CLL	46.95		P	02:53:37.497	0.2	127.5		7.82		TAS		160.8	2.04	m_e	mb 5.8
CLL	46.95		L	03:13:54.969						T__		642.1	20.60	a_e	Ms 4.6
CLZ	48.56		P	02:53:49.931	-0.2	127.5		7.82		TAS		19.0	0.80	m_e	mb 5.2
CLZ	48.56		PcP	02:55:12.473						T__				m_e	
FLT1	48.45		P	02:53:48.755	-0.1	127.5		7.82		TAS		22.9	1.05	m_e	mb 5.2
FUR	45.87		P	02:53:29.003	0.0	127.5		7.82		TAS		31.4	0.77	m_e	mb 5.4
FUR	45.87		L	03:14:53.660						T__		918.7	21.40	a_e	Ms 4.7
GEC2	45.02		P	02:53:22.465	0.1	127.5		7.82		TAS		163.7	2.04	m_e	mb 5.6
GEC2	45.02		PcP	02:54:59.238						T__				m_e	
GEC2	45.02		L	03:18:19.509						T__		582.0	20.40	a_e	Ms 4.5
GOR1	48.83		P	02:53:52.194	-0.6	127.5		7.82		TAS		190.8	2.03	m_e	mb 5.8
GRA1	46.82		P	02:53:35.827	-0.7	127.5		7.82		TAS		73.4	1.59	m_e	mb 5.6
GRA1	46.82		PcP	02:55:05.994						T__				m_e	
GRA1	46.82		L	03:22:54.204						T__		547.0	21.00	a_e	Ms 4.5
GTTG	48.58		P	02:53:50.001	-0.4	127.5		7.82		TAS		22.8	1.05	m_e	mb 5.1
IBBN	50.13		P	02:54:02.425		127.5		7.82		TAS		234.0	2.12	m_e	mb 5.7
KAST	49.16		P	02:53:54.232	0.1	127.5		7.82		TAS		38.7	1.83	m_e	mb 5.1
KAST	49.16		PcP	02:55:14.248						T__				m_e	
MOX	47.20		P	02:53:39.479	0.0	127.5		7.82		TAS		115.6	1.99	m_e	mb 5.7
MOX	47.20		L	03:16:22.829						T__		677.3	20.90	a_e	Ms 4.6
NEUB	47.47		P	02:53:41.518	0.6	127.5		7.82		TAS		34.5	0.89	m_e	mb 5.5
NEUB	47.47		PcP	02:55:08.047						T__				m_e	
PLN	46.83		P	02:53:36.642	0.1	127.5		7.82		TAS		26.4	1.54	m_e	mb 5.1
RETH	49.60		P	02:53:58.333		127.5		7.82		TAS		163.2	2.18	m_e	mb 5.6
RUE	47.36		P	02:53:40.758	0.6	127.5		7.82		TAS		199.6	1.94	m_e	mb 5.9
TANN	46.64		P	02:53:35.085	0.0	127.5		7.82		TAS		30.5	1.20	m_e	mb 5.3
TNS	48.58		P	02:53:49.861	0.3	127.5		7.82		TAS		225.3	2.88	m_e	mb 5.7
TNS	48.58		PcP	02:55:12.313						T__				m_e	
TNS	48.58		L	03:24:01.637						T__		682.6	20.30	a_e	Ms 4.6
UBR	46.23		P	02:53:31.979	0.4	127.5		7.82		TAS		17.5	0.77	m_e	mb 5.2
UBR	46.23		PcP	02:55:03.630						T__				m_e	
WET	45.63		P	02:53:26.493	-0.7	127.5		7.82		TAS		117.9	2.25	m_e	mb 5.5
WET	45.63		PcP	02:55:01.595						T__				m_e	
WET	45.63		L	03:18:47.110						T__		667.3	19.60	a_e	Ms 4.6

WLF 49.51 P 02:53:57.441 0.0 127.5 7.82 TAS 46.3 0.87 m\_e mb 5.4

Event 10614004 Mona Passage

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2021/06/14 10:15:41.34 18.3010 -67.7870 33.0 65.91 70.89 m i ke BGR
10614010

Magnitude Err Nsta Author OrigID
mb 5.0 BGR 10614010
Ms 4.1 BGR 10614010

Table with columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include stations like ASSE, BFO, BSEG, CLL, FUR, GEC2, GRA1, KAST, MOX, NEUB, PLN, RETH, TANN, TNS, WET, WLF.

Event 10614005 South of Alaska

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
2021/06/14 10:42:06.83 54.5920 -159.5650 33.0 21 70.94 77.60 m i ke BGR
10614011

Magnitude Err Nsta Author OrigID
mb 5.1 BGR 10614011
Ms 3.9 BGR 10614011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	73.21		P	10:53:33.505	0.1	354.5		5.74		TAS				m_e	
BFO	76.81		P	10:53:53.626		354.5		5.74		TAS				m_e	
BFO	76.81		pP	10:54:03.403						T__				m_e	
BRG	74.63		P	10:53:41.622	0.4	354.5		5.74		TAS				m_e	
BRG	74.63		pP	10:53:51.006						T__				m_e	
BSEG	71.39		P	10:53:22.393	0.4	354.5		5.74		TAS				m_e	
BUG	73.64		P	10:53:35.816	-0.1	354.5		5.74		TAS				m_e	
BUG	73.64		pP	10:53:45.377						T__				m_e	
CLL	74.16		P	10:53:38.520	0.1	354.5		5.74		TAS				m_e	
CLZ	73.47		P	10:53:35.066	-0.2	354.5		5.74		TAS				m_e	
FLT1	73.04		P	10:53:31.734	0.2	354.5		5.74		TAS				m_e	
GEC2	76.65		P	10:53:52.911		354.5		5.74		TAS				m_e	
GEC2	76.65		pP	10:54:02.460						T__				m_e	
GRA1	75.67		P	10:53:47.840		354.5		5.74		TAS		9.8	0.57	m_e mb	5.1
GRA1	75.67		L	11:26:59.335						T__		61.3	19.30	a_e Ms	3.9
GTTG	73.74		P	10:53:36.557	0.2	354.5		5.74		TAS				m_e	
GTTG	73.74		pP	10:53:46.061						T__				m_e	
KAST	73.97		P	10:53:37.681	0.1	354.5		5.74		TAS				m_e	
MOX	74.74		P	10:53:42.241	0.0	354.5		5.74		TAS				m_e	
MOX	74.74		pP	10:53:51.708						T__				m_e	
MOX	74.74		L	11:18:50.898						T__		64.9	20.90	a_e Ms	3.9
NEUB	74.21		P	10:53:38.952	-0.0	354.5		5.74		TAS				m_e	
NEUB	74.21		pP	10:53:48.388						T__				m_e	
PLN	74.93		P	10:53:43.246	-0.1	354.5		5.74		TAS				m_e	
PLN	74.93		pP	10:53:52.685						T__				m_e	
RETH	72.51		P	10:53:29.079	0.2	354.5		5.74		TAS				m_e	
RETH	72.51		pP	10:53:38.555						T__				m_e	
RGN	70.94		pP	10:53:28.962						T__				m_e	
RUE	73.03		P	10:53:32.603	0.1	354.5		5.74		TAS				m_e	
TANN	75.02		pP	10:53:53.346						T__				m_e	
TNS	74.94		P	10:53:43.196	-0.3	354.5		5.74		TAS				m_e	
UBR	77.60		P	10:53:58.033		354.5		5.74		TAS				m_e	
WET	76.31		P	10:53:51.091		354.5		5.74		TAS				m_e	
WET	76.31		pP	10:54:00.755						T__				m_e	
WLF	75.30		P	10:53:45.498		354.5		5.74		TAS				m_e	

Event 10615002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/15	03:20:47.00			-17.9900	-178.3600				607.0					144.82	149.50	m i ke	EMSC
	10615034																

Magnitude	Err	Nsta	Author	OrigID
Ms	4.2		BGR	10615008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	149.16		PKPbc	03:39:29.541		15.2		2.76		TAS				m_e	
BRG	145.68		PKPbc	03:39:20.655		15.2		2.76		TAS				m_e	
CLL	145.47		PKPbc	03:39:19.935		15.2		2.76		TAS				m_e	
CLZ	145.44		PKPbc	03:39:20.096		15.2		2.76		TAS				m_e	
FLT1	144.82		PKPbc	03:39:17.720		15.2		2.76		TAS				m_e	
GEC2	147.62		PKPbc	03:39:26.054		15.2		2.76		TAS				m_e	
GRA1	147.36		PKPbc	03:39:25.566		15.2		2.76		TAS				m_e	
GRA1	147.36		L	04:38:45.365						T__		68.5	18.50	a_e Ms	4.5
IBBN	145.33		PKPbc	03:39:18.865		15.2		2.76		TAS				m_e	
KAST	146.34		PKPbc	03:39:22.464		15.2		2.76		TAS				m_e	
MOX	146.37		L	04:46:38.082						T__		28.4	21.70	a_e Ms	4.0
NEUB	145.82		PKPbc	03:39:20.856		15.2		2.76		TAS				m_e	
PLN	146.42		PKPbc	03:39:22.686		15.2		2.76		TAS				m_e	
TANN	146.43		PKPbc	03:39:22.547		15.2		2.76		TAS				m_e	
TNS	147.29		PKPbc	03:39:25.170		15.2		2.76		TAS				m_e	
UBR	149.50		PKPbc	03:39:30.705		15.2		2.76		TAS				m_e	
WLF	148.10		PKPbc	03:39:27.751		15.2		2.76		TAS				m_e	

Event 10615003 Southern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/15	14:16:14.50			-4.2600	102.4300				60.0				7	92.34	94.03	m i ke	EMSC
OrigID 10615035																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	10615009
Ms	4.2		BGR	10615009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	92.34		P	14:29:18.728	-0.3	93.4		4.18		TAS		3.9	0.72	m_e mb	4.8
GEC2	92.37		P	14:29:18.984	0.0	93.4		4.18		TAS		4.2	0.76	m_e mb	4.8
GRA1	94.03		P	14:29:25.360		93.4		4.18		TAS		3.9	0.50	m_e mb	5.0
GRA1	94.03		PcP	14:29:26.776						T__				m_e	
GRA1	94.03		L	15:04:06.657						T__		48.6	21.90	a_e Ms	3.9
MOX	93.80		P	14:29:25.237		93.4		4.18		TAS		3.3	0.90	m_e mb	4.7
MOX	93.80		L	15:02:02.679						T__		135.3	18.60	a_e Ms	4.4
NEUB	93.72		P	14:29:24.903		93.4		4.18		TAS		10.8	0.84	m_e mb	5.2
PLN	93.45		P	14:29:23.945		93.4		4.18		TAS		0.8	0.67	m_e mb	4.3
WET	92.92		P	14:29:21.559	0.3	93.4		4.18		TAS		10.0	1.23	m_e mb	5.1
WET	92.92		L	15:06:11.299						T__		76.7	18.10	a_e Ms	4.2

Event 10615004 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/15	22:27:04.26			23.4850	-45.8900				10.0			19		48.85	53.41	m i ke	BGR
OrigID 10615010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	10615010
Ms	4.0		BGR	10615010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	48.85		P	22:35:50.513	0.1	261.0		7.51		TAS		18.7	1.34	m_e	mb 5.0
ASSE	51.39		P	22:36:09.162	0.6	261.0		7.51		TAS		31.8	1.76	m_e	mb 5.0
BFO	49.20		P	22:35:52.901	-0.1	261.0		7.51		TAS		7.8	0.90	m_e	mb 4.7
BFO	49.20		L	22:50:25.276						T__		106.4	21.80	a_e	Ms 3.8
BRG	53.20		P	22:36:22.756		261.0		7.51		TAS		2.5	0.88	m_e	mb 4.2
BSEG	51.56		P	22:36:10.129	0.1	261.0		7.51		TAS		20.2	1.04	m_e	mb 5.0
BSEG	51.56		L	22:52:56.905						T__		168.0	18.50	a_e	Ms 4.1
CLL	52.67		P	22:36:19.016		261.0		7.51		TAS		5.8	0.98	m_e	mb 4.5
CLL	52.67		L	22:53:09.074						T__		247.0	20.30	a_e	Ms 4.2
CLZ	51.15		P	22:36:07.094	0.0	261.0		7.51		TAS		6.1	0.99	m_e	mb 4.5
FLT1	51.77		P	22:36:11.700	-0.1	261.0		7.51		TAS		6.3	1.12	m_e	mb 4.5
FUR	51.12		L	22:52:24.726						T__		89.8	21.00	a_e	Ms 3.8
GEC2	52.80		P	22:36:20.486		261.0		7.51		TAS		29.3	1.80	m_e	mb 4.9
GEC2	52.80		L	22:54:16.375						T__		112.5	21.90	a_e	Ms 3.9
GOR1	51.94		P	22:36:12.932		261.0		7.51		TAS		13.4	1.15	m_e	mb 4.8
GRA1	51.30		P	22:36:08.145	-0.2	261.0		7.51		TAS		5.0	0.75	m_e	mb 4.5
GRA1	51.30		L	22:52:59.608						T__		131.3	20.50	a_e	Ms 4.0
IBBN	49.68		P	22:35:55.991	-0.0	261.0		7.51		TAS		6.7	0.85	m_e	mb 4.6
MOX	51.70		P	22:36:11.155	0.6	261.0		7.51		TAS		4.5	0.86	m_e	mb 4.4
MOX	51.70		L	22:52:20.277						T__		227.8	19.80	a_e	Ms 4.2
PLN	52.02		P	22:36:13.622		261.0		7.51		TAS		1.0	0.86	m_e	mb 3.8
RETH	50.73		P	22:36:03.859	-0.5	261.0		7.51		TAS		32.0	1.77	m_e	mb 5.0
RGN	53.41		P	22:36:23.500		261.0		7.51		TAS		41.4	0.93	m_e	mb 5.3
STU	49.84		P	22:35:57.552	0.1	261.0		7.51		TAS		39.2	1.21	m_e	mb 5.2
TANN	52.20		P	22:36:15.179		261.0		7.51		TAS		6.2	1.57	m_e	mb 4.3
WET	52.30		P	22:36:16.697		261.0		7.51		TAS		4.1	1.10	m_e	mb 4.3
WET	52.30		L	22:54:03.430						T__		116.2	19.70	a_e	Ms 3.9

Event 10615005 Dead Sea region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/15	23:08:50.83			30.3230	35.2560				10.0					26.50	26.91	m i ke	BGR
OrigID 10615011																	

Magnitude	Err	Nsta	Author	OrigID

mb	4.2	BGR	10615011
Ms	3.3	BGR	10615011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLL	26.69		L	23:30:23.062						T__		98.0	20.30	a_e Ms	3.4
GRA1	26.50		P	23:14:28.505		119.5		9.52		TAS		5.1	1.11	m_e mb	4.2
GRA1	26.50		L	23:30:06.135						T__		88.4	18.80	a_e Ms	3.3
MOX	26.91		L	23:32:08.090						T__		74.8	20.50	a_e Ms	3.2

Event 10616003 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/16	01:44:30.50			-31.7100	-177.1400				10.0					157.07	162.81	m i ke	EMSC
OrigID 10616035																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.1		BGR	10616009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	160.84		PKPdf	02:04:30.149		24.2		1.10		TAS				m_e	
ASSE	158.74		PKPab	02:05:03.552		19.2		4.42		TAS				m_e	
BFO	162.81		PKPdf	02:04:31.982		24.2		1.10		TAS				m_e	
BFO	162.81		PKPab	02:05:21.410		19.2		4.42		TAS				m_e	
BRG	159.10		PKPdf	02:04:28.202		24.2		1.10		TAS				m_e	
BRG	159.10		PKPab	02:05:05.216		19.2		4.42		TAS				m_e	
BSEG	157.07		PKPdf	02:04:25.847		24.2		1.10		TAS				m_e	
BSEG	157.07		PKPab	02:04:56.217		19.2		4.42		TAS				m_e	
BUG	159.94		PKPdf	02:04:29.330		24.2		1.10		TAS				m_e	
CLL	158.97		PKPab	02:05:04.201		19.2		4.42		TAS				m_e	
CLZ	159.06		PKPdf	02:04:28.315		24.2		1.10		TAS				m_e	
CLZ	159.06		PKPab	02:05:05.047		19.2		4.42		TAS				m_e	
FLT1	158.43		PKPdf	02:04:27.243		24.2		1.10		TAS				m_e	
FLT1	158.43		PKPab	02:05:01.634		19.2		4.42		TAS				m_e	
FUR	162.30		PKPab	02:05:19.717		19.2		4.42		TAS				m_e	
GEC2	160.97		PKPdf	02:04:30.064		24.2		1.10		TAS				m_e	
GEC2	160.97		PKPab	02:05:13.539		19.2		4.42		TAS				m_e	
GOR1	157.79		PKPdf	02:04:27.440		24.2		1.10		TAS				m_e	
GOR1	157.79		PKPab	02:04:59.659		19.2		4.42		TAS				m_e	
GRA1	160.91		PKPdf	02:04:30.374		24.2		1.10		TAS				m_e	
GRA1	160.91		PKPab	02:05:13.736		19.2		4.42		TAS				m_e	
GRA1	160.91		L	03:23:37.889						T__		344.1	18.80	a_e Ms	5.2
GTTG	159.43		PKPdf	02:04:29.218		24.2		1.10		TAS				m_e	
GTTG	159.43		PKPab	02:05:07.074		19.2		4.42		TAS				m_e	
IBBN	159.03		PKPdf	02:04:28.230		24.2		1.10		TAS				m_e	
IBBN	159.03		PKPab	02:05:04.850		19.2		4.42		TAS				m_e	
KAST	160.02		PKPdf	02:04:29.415		24.2		1.10		TAS				m_e	

KAST	160.02	PKPab	02:05:08.771	19.2	4.42	TAS										m_e
MOX	159.92	PKPdf	02:04:29.246	24.2	1.10	TAS										m_e
MOX	159.92	PKPab	02:05:08.771	19.2	4.42	TAS										m_e
MOX	159.92	L	03:26:51.746			T__					225.2	19.70	a_e	Ms	5.0	
NEUB	159.38	PKPab	02:05:06.401	19.2	4.42	TAS										m_e
PLN	159.94	PKPdf	02:04:29.471	24.2	1.10	TAS										m_e
PLN	159.94	PKPab	02:05:08.997	19.2	4.42	TAS										m_e
RETH	158.38	PKPdf	02:04:27.638	24.2	1.10	TAS										m_e
RETH	158.38	PKPab	02:05:01.944	19.2	4.42	TAS										m_e
STU	162.22	PKPdf	02:04:32.095	24.2	1.10	TAS										m_e
STU	162.22	PKPab	02:05:18.983	19.2	4.42	TAS										m_e
TANN	159.93	PKPdf	02:04:29.020	24.2	1.10	TAS										m_e
TANN	159.93	PKPab	02:05:08.968	19.2	4.42	TAS										m_e
WET	160.96	PKPdf	02:04:30.007	24.2	1.10	TAS										m_e
WET	160.96	PKPab	02:05:13.905	19.2	4.42	TAS										m_e
WLF	161.81	PKPdf	02:04:32.067	24.2	1.10	TAS										m_e
WLF	161.81	PKPab	02:05:17.178	19.2	4.42	TAS										m_e

Event 10616004 Qinghai, China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/16	08:49:00.32			37.2610	93.7200				33.0			27		55.38	61.25	m i ke	BGR
10616010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	10616010
Ms	5.2		BGR	10616010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	60.35		P	08:59:04.764	-0.1	68.4		7.01		TAS		35.6	0.96	m_e	mb 5.4
ASSE	57.66		P	08:58:45.519	0.1	68.4		7.01		TAS		60.4	1.46	m_e	mb 5.4
BFO	60.50		P	08:59:05.469	0.8	68.4		7.01		TAS		139.5	1.65	m_e	mb 5.5
BFO	60.50		L	09:24:27.665						T__		1448.8	21.20	a_e	Ms 5.1
BRG	56.17		P	08:58:35.385	0.0	68.4		7.01		TAS		63.6	1.31	m_e	mb 5.5
BSEG	57.24		P	08:58:43.305	0.3	68.4		7.01		TAS		47.5	0.79	m_e	mb 5.6
BSEG	57.24		L	09:23:03.984						T__		890.9	18.60	a_e	Ms 4.9
BUG	59.88		P	08:59:01.430	-0.8	68.4		7.01		TAS		184.8	1.56	m_e	mb 5.9
CLL	56.58		P	08:58:37.769	-0.2	68.4		7.01		TAS		107.5	1.24	m_e	mb 5.7
CLL	56.58		L	09:23:36.636						T__		1982.5	18.60	a_e	Ms 5.2
CLZ	57.94		P	08:58:48.021	0.2	68.4		7.01		TAS		144.1	1.46	m_e	mb 5.8
FLT1	57.27		P	08:58:42.339	-0.4	68.4		7.01		TAS		33.3	0.78	m_e	mb 5.4
FUR	58.76		P	08:58:54.540		68.4		7.01		TAS		103.3	0.91	m_e	mb 5.8
FUR	58.76		L	09:25:16.796						T__		2163.5	20.30	a_e	Ms 5.3
GEC2	57.01		P	08:58:41.848	-0.1	68.4		7.01		TAS		25.1	1.05	m_e	mb 5.2
GEC2	57.01		L	09:24:13.028						T__		2531.4	19.60	a_e	Ms 5.3
GOR1	57.00		P	08:58:41.415	0.3	68.4		7.01		TAS		167.8	1.40	m_e	mb 5.9



Station	Mag	Type	Time	Err	Lat	Long	Smaj	Smin	Az	Depth	TAS	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
GRA1	58.22	P	08:58:50.618	0.4	68.4		7.01				TAS	69.7	0.78	m_e	mb			5.8	
GRA1	58.22	L	09:22:11.437								T__	1454.6	21.20	a_e	Ms			5.1	
GTTG	58.28	P	08:58:50.521	-0.0	68.4		7.01				TAS	129.8	1.26	m_e	mb			5.8	
IBBN	59.26	P	08:58:57.037	-0.8	68.4		7.01				TAS	152.1	1.48	m_e	mb			5.8	
KAST	59.31	P	08:58:57.341	-0.4	68.4		7.01				TAS	23.1	1.08	m_e	mb			5.1	
MOX	57.63	P	08:58:45.929	-0.1	68.4		7.01				TAS	38.9	1.04	m_e	mb			5.4	
MOX	57.63	L	09:22:47.220								T__	1424.6	19.10	a_e	Ms			5.1	
NEUB	57.35	P	08:58:43.491	-0.3	68.4		7.01				TAS	220.2	1.40	m_e	mb			6.0	
PLN	57.37	P	08:58:43.947	-0.1	68.4		7.01				TAS	24.4	1.38	m_e	mb			5.0	
RETH	58.20	P	08:58:49.800	-0.5	68.4		7.01				TAS	54.5	1.14	m_e	mb			5.5	
RGN	55.38	P	08:58:29.859	0.4	68.4		7.01				TAS	262.6	1.06	m_e	mb			6.2	
RUE	55.75	P	08:58:32.077	0.0	68.4		7.01				TAS	104.6	1.10	m_e	mb			5.8	
STU	59.80	P	08:59:00.986	-0.6	68.4		7.01				TAS	99.9	0.70	m_e	mb			6.0	
TANN	57.21	P	08:58:42.904	-0.1	68.4		7.01				TAS	49.3	1.27	m_e	mb			5.4	
TNS	59.67	P	08:59:00.119	0.1	68.4		7.01				TAS	30.4	0.84	m_e	mb			5.4	
TNS	59.67	L	09:30:03.253								T__	1079.4	18.00	a_e	Ms			5.0	
WET	57.41	P	08:58:44.692	0.4	68.4		7.01				TAS	39.0	1.14	m_e	mb			5.3	
WET	57.41	L	09:24:24.718								T__	2673.6	19.70	a_e	Ms			5.3	
WLF	61.25	P	08:59:11.369	0.6	68.4		7.01				TAS	102.4	1.19	a_e	mb			5.5	

Event 10617003 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/17	13:41:01.20			-17.1500	-172.1600				10.0					143.15	148.84	m i ke	EMSC
	10617035																

Magnitude	Err	Nsta	Author	OrigID
Ms	5.3		BGR	10617009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	146.59		PKPdf	14:00:46.556		6.0		2.08		TAS				m_e		
ASSE	144.94		PKPdf	14:00:41.082		6.0		2.08		TAS				m_e		
BFO	148.80		PKPdf	14:00:53.189		6.0		2.08		TAS				m_e		
BFO	148.80	L		15:06:51.534						T__		414.3	19.60	a_e	Ms	5.2
BRG	145.91		PKPdf	14:00:44.423		6.0		2.08		TAS				m_e		
BSEG	143.15	L		15:07:29.436						T__		543.5	19.20	a_e	Ms	5.3
BUG	145.69		PKPdf	14:00:43.287		6.0		2.08		TAS				m_e		
CLL	145.58		PKPdf	14:00:42.678		6.0		2.08		TAS				m_e		
CLL	145.58	L		15:12:32.875						T__		582.3	18.10	a_e	Ms	5.4
CLZ	145.23		PKPdf	14:00:42.712		6.0		2.08		TAS				m_e		
FLT1	144.70		PKPdf	14:00:40.713		6.0		2.08		TAS				m_e		
FUR	148.84	L		15:10:09.350						T__		425.9	19.90	a_e	Ms	5.2
GEC2	147.94		PKPdf	14:00:50.586		6.0		2.08		TAS				m_e		
GEC2	147.94	L		15:09:38.684						T__		409.2	21.10	a_e	Ms	5.2
GRA1	147.33		PKPdf	14:00:49.081		6.0		2.08		TAS				m_e		
GRA1	147.33	L		15:07:14.958						T__		480.1	18.80	a_e	Ms	5.3

GTTG	145.55	PKPdf	14:00:42.596	6.0	2.08	TAS												m_e
IBBN	144.83	PKPdf	14:00:41.838	6.0	2.08	TAS												m_e
KAST	145.93	PKPdf	14:00:44.427	6.0	2.08	TAS												m_e
MOX	146.35	PKPdf	14:00:45.667	6.0	2.08	TAS												m_e
MOX	146.35	L	15:09:16.284			T__						475.0	19.50	a_e	Ms			5.3
NEUB	145.80	PKPdf	14:00:44.036	6.0	2.08	TAS												m_e
PLN	146.47	PKPdf	14:00:45.953	6.0	2.08	TAS												m_e
RETH	144.38	PKPdf	14:00:39.567	6.0	2.08	TAS												m_e
TANN	146.51	PKPdf	14:00:46.875	6.0	2.08	TAS												m_e
TNS	146.91	PKPdf	14:00:47.622	6.0	2.08	TAS												m_e
TNS	146.91	L	15:07:50.228			T__						476.8	18.60	a_e	Ms			5.3
WET	147.73	PKPdf	14:00:50.330	6.0	2.08	TAS												m_e
WET	147.73	L	15:13:01.590			T__						432.4	18.80	a_e	Ms			5.3
WLF	147.44	PKPdf	14:00:49.835	6.0	2.08	TAS												m_e

Event 10617004 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/17	14:00:28.59			48.1830	152.4920				33.0					73.22	78.85	m i ke	BGR
OrigID 10617010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	10617010
Ms	4.2		BGR	10617010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	77.14		P	14:12:17.602		25.8		4.99		TAS		21.3	1.31	m_e	mb 5.1
BFO	78.85		P	14:12:26.537		25.8		4.99		TAS		10.9	1.18	m_e	mb 4.8
BRG	74.99		P	14:12:04.951		25.8		4.99		TAS		3.7	0.94	m_e	mb 4.4
BSEG	73.22		P	14:11:55.251		25.8		4.99		TAS		11.2	1.16	m_e	mb 4.9
CLL	74.87		P	14:12:04.108		25.8		4.99		TAS		14.3	0.89	m_e	mb 5.0
CLZ	75.11		P	14:12:06.303		25.8		4.99		TAS		12.0	0.94	m_e	mb 4.9
FLT1	74.44		P	14:12:01.551		25.8		4.99		TAS		6.9	0.70	m_e	mb 4.8
GRA1	76.82		P	14:12:16.230		25.8		4.99		TAS		17.1	0.88	m_e	mb 5.2
GRA1	76.82		L	14:48:37.893						T__		87.3	20.00	a_e	Ms 4.1
KAST	76.19		P	14:12:12.301		25.8		4.99		TAS		8.2	0.91	m_e	mb 4.8
MOX	75.85		P	14:12:10.180		25.8		4.99		TAS		8.9	1.10	m_e	mb 4.8
MOX	75.85		L	14:48:39.678						T__		143.2	19.70	a_e	Ms 4.3
PLN	75.85		P	14:12:10.141		25.8		4.99		TAS		1.7	0.85	m_e	mb 4.2
RETH	74.55		P	14:12:02.831		25.8		4.99		TAS		9.7	1.10	m_e	mb 4.8
TNS	77.08		P	14:12:17.450		25.8		4.99		TAS		5.4	0.81	m_e	mb 4.7
WET	76.84		P	14:12:16.242		25.8		4.99		TAS		7.2	0.97	m_e	mb 4.8

Event 10617005 Pakistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/17	14:19:36.57			34.6320	73.3060				33.0					45.23	49.13	m i ke	BGR
OrigID 10617011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	10617011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	49.13		P	14:28:20.827		84.7		7.80		TAS		6.9	1.37	m_e	mb	4.5
BRG	45.23		P	14:27:51.983		84.7		7.80		TAS		4.1	1.09	m_e	mb	4.3
FLT1	46.84		P	14:28:03.912		84.7		7.80		TAS				m_e		
GRA1	47.06		P	14:28:04.528		84.7		7.80		TAS		4.7	0.58	m_e	mb	4.8
GTTG	47.68		P	14:28:10.656		84.7		7.80		TAS		8.9	0.90	m_e	mb	4.9

Event 10618001 Alaska Peninsula, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/18	10:02:51.36			54.0910	-160.8210				33.0				20	71.49	77.41	m i ke	BGR
OrigID 10618007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	10618007
Ms	4.5		BGR	10618007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	75.12		P	10:14:28.833	0.2	355.2		5.70		TAS		45.5	1.01	m_e	mb	5.5
ASSE	73.78		P	10:14:21.141	-0.0	355.2		5.70		TAS		38.7	0.97	m_e	mb	5.4
BFO	77.41		P	10:14:41.503		355.2		5.70		TAS		19.9	0.68	m_e	mb	5.4
BRG	75.18		P	10:14:29.199	0.3	355.2		5.70		TAS		29.2	0.92	m_e	mb	5.3
CLL	74.71		P	10:14:26.342	-0.0	355.2		5.70		TAS		37.8	0.82	m_e	mb	5.5
CLZ	74.05		P	10:14:23.160	-0.0	355.2		5.70		TAS		45.4	0.82	m_e	mb	5.5
FLT1	73.61		P	10:14:19.753	-0.1	355.2		5.70		TAS		34.3	0.81	m_e	mb	5.4
GEC2	77.20		P	10:14:40.771		355.2		5.70		TAS		22.8	0.78	m_e	mb	5.4
GRA1	76.24		P	10:14:35.642		355.2		5.70		TAS		35.7	0.65	m_e	mb	5.6
GRA1	76.24		L	10:47:49.883						T__		384.2	22.00	a_e	Ms	4.7
IBBN	73.42		P	10:14:19.204	-0.2	355.2		5.70		TAS		46.4	0.73	m_e	mb	5.6
KAST	74.56		P	10:14:25.646	0.1	355.2		5.70		TAS		24.2	0.83	m_e	mb	5.3
MOX	75.31		P	10:14:30.042	0.3	355.2		5.70		TAS		35.9	0.72	m_e	mb	5.5
MOX	75.31		L	10:48:28.778						T__		211.1	21.90	a_e	Ms	4.4
NEUB	74.77		P	10:14:26.928	-0.1	355.2		5.70		TAS		55.8	0.63	m_e	mb	5.8
PLN	75.50		P	10:14:31.031	0.0	355.2		5.70		TAS			0.79	m_e		
RETH	73.10		P	10:14:17.376	-0.2	355.2		5.70		TAS			0.95	m_e		
RGN	71.49		P	10:14:08.396	0.2	355.2		5.70		TAS				m_e		
TANN	75.58		P	10:14:31.676	-0.4	355.2		5.70		TAS		7.2	0.59	m_e	mb	5.0

TNS	75.54	P	10:14:31.214	355.2	5.70	TAS	35.9	0.79	m_e	mb	5.6
WET	76.87	P	10:14:39.086	355.2	5.70	TAS	121.8	1.50	m_e	mb	5.8
WLF	75.91	P	10:14:33.595	355.2	5.70	TAS	56.2	0.97	m_e	mb	5.7

Event 10618002 Shikoku, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/18	22:39:13.17			33.6840	133.1290				33.0			11		80.30	84.55	m i ke	BGR
OrigID 10618008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	10618008
Ms	4.2		BGR	10618008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	84.55		P	22:51:41.483		45.5		5.24		TAS		20.7	1.08	m_e	mb	5.3
CLL	80.30		P	22:51:19.546		45.5		5.24		TAS		15.4	0.86	m_e	mb	5.0
CLZ	81.11		P	22:51:24.491	-0.6	45.5		5.24		TAS		20.1	0.98	m_e	mb	5.1
FLT1	80.39		P	22:51:19.809	0.5	45.5		5.24		TAS		12.1	0.82	m_e	mb	4.9
FUR	83.29		P	22:51:35.730		45.5		5.24		TAS		25.9	0.87	m_e	mb	5.5
GEC2	81.65		P	22:51:26.696		45.5		5.24		TAS		4.7	0.81	m_e	mb	4.7
GRA1	82.24		P	22:51:30.500		45.5		5.24		TAS		24.4	0.91	m_e	mb	5.3
GRA1	82.24		L	23:29:46.009						T__		99.7	19.60	a_e	Ms	4.2
MOX	81.39		L	23:31:18.619						T__		117.5	18.10	a_e	Ms	4.3
NEUB	80.94		P	22:51:23.168		45.5		5.24		TAS		21.9	0.99	m_e	mb	5.1
PLN	81.26		P	22:51:24.876		45.5		5.24		TAS		2.7	0.98	m_e	mb	4.2
TNS	83.12		P	22:51:34.712		45.5		5.24		TAS		12.3	0.88	m_e	mb	5.1
WLF	84.53		P	22:51:41.981		45.5		5.24		TAS		25.6	1.00	m_e	mb	5.4

Event 10619001 Near coast of Oaxaca, Mexico

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/19	18:57:39.35			15.2480	-95.2990				33.0			14		86.59	90.62	m i ke	BGR
OrigID 10619007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	10619007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	89.93		P	19:10:35.059		292.3		4.71		TAS		44.9	1.61	m_e	mb	5.5
BSEG	86.69		P	19:10:19.721	-0.0	292.3		4.71		TAS		72.5	1.64	m_e	mb	5.5
CLL	89.21		P	19:10:31.309	0.2	292.3		4.71		TAS		47.5	1.50	m_e	mb	5.5
CLZ	87.49		P	19:10:23.624	0.1	292.3		4.71		TAS		47.0	1.45	m_e	mb	5.6

FLT1	87.80	P	19:10:24.389	0.2	292.3	4.71	TAS	58.6	1.42	m_e	mb	5.7
GEC2	90.62	P	19:10:37.986		292.3	4.71	TAS	43.1	1.71	m_e	mb	5.5
GOR1	87.59	P	19:10:24.149	-0.5	292.3	4.71	TAS	59.2	1.31	m_e	mb	5.8
GRA1	88.80	P	19:10:29.676		292.3	4.71	TAS	40.4	1.39	m_e	mb	5.5
GTTG	87.36	P	19:10:22.698	0.1	292.3	4.71	TAS	51.9	1.44	m_e	mb	5.5
MOX	88.66	P	19:10:28.703		292.3	4.71	TAS	47.3	1.65	m_e	mb	5.5
PLN	89.05	P	19:10:30.801		292.3	4.71	TAS	21.7	1.54	m_e	mb	5.2
RETH	86.59	P	19:10:19.137	0.2	292.3	4.71	TAS	74.6	1.21	m_e	mb	5.7
TANN	89.25	P	19:10:31.835		292.3	4.71	TAS	51.7	1.49	m_e	mb	5.5
WET	90.01	P	19:10:35.450		292.3	4.71	TAS	89.5	1.72	m_e	mb	5.7

Event 10619002 Northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/19	21:12:41.52			1.3420	100.2140				33.0			11		86.62	90.12	m i ke	BGR
10619008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	10619008
Ms	4.2		BGR	10619008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRG	86.62		P	21:25:21.968		89.9		4.73		TAS		8.3	0.79	m_e	mb	4.9
CLL	87.22		P	21:25:24.021		89.9		4.73		TAS		6.1	0.92	m_e	mb	4.7
CLZ	88.86		P	21:25:32.402	0.0	89.9		4.73		TAS		5.6	0.94	m_e	mb	4.8
GEC2	86.71		P	21:25:22.038		89.9		4.73		TAS		18.3	1.37	m_e	mb	5.0
GRA1	88.35		P	21:25:30.188		89.9		4.73		TAS		11.0	0.93	m_e	mb	5.2
GRA1	88.35		L	22:04:01.235						T__		112.2	22.00	a_e	Ms	4.2
GTTG	89.12		P	21:25:33.491	-0.1	89.9		4.73		TAS		10.7	1.13	m_e	mb	5.0
MOX	88.09		L	22:10:30.519						T__		77.4	20.80	a_e	Ms	4.1
NEUB	88.00		P	21:25:28.211		89.9		4.73		TAS		20.3	1.05	m_e	mb	5.4
PLN	87.75		P	21:25:26.789		89.9		4.73		TAS		2.0	0.83	m_e	mb	4.5
RUE	86.77		P	21:25:22.663	0.3	89.9		4.73		TAS		17.8	1.13	m_e	mb	5.1
TNS	90.12		P	21:25:38.281		89.9		4.73		TAS		10.9	0.97	m_e	mb	5.0
WET	87.26		P	21:25:24.724		89.9		4.73		TAS		13.4	1.20	m_e	mb	5.0

Event 10620001 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/20	11:08:17.70			44.5000	142.3770				33.0			16		73.67	79.04	m i ke	BGR
10620007																	

Magnitude	Err	Nsta	Author	OrigID
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mb	5.3	BGR	10620007
Ms	4.5	BGR	10620007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	79.04		P	11:20:17.025		33.5		5.65		TAS		9.5	0.93	m_e	mb 4.8
BRG	74.91		P	11:19:53.868	0.3	33.5		5.65		TAS		9.7	0.83	m_e	mb 4.9
CLL	74.90		P	11:19:53.683	-0.0	33.5		5.65		TAS		51.1	0.87	m_e	mb 5.6
CLZ	75.37		P	11:19:57.114	-0.1	33.5		5.65		TAS		26.3	0.84	m_e	mb 5.3
FLT1	74.67		P	11:19:52.514	-0.3	33.5		5.65		TAS		37.7	0.74	m_e	mb 5.5
FUR	78.13		P	11:20:12.652		33.5		5.65		TAS		48.6	0.90	m_e	mb 5.6
GEC2	76.66		P	11:20:04.014		33.5		5.65		TAS		12.3	0.91	m_e	mb 5.0
GRA1	76.88		P	11:20:05.683		33.5		5.65		TAS		45.7	0.81	m_e	mb 5.7
GRA1	76.88		L	11:32:06.009						T__		228.4	20.00	a_e	Ms 4.5
GTTG	75.76		P	11:19:59.339	0.4	33.5		5.65		TAS		22.1	0.84	m_e	mb 5.3
KAST	76.57		P	11:20:03.697	-0.2	33.5		5.65		TAS		15.8	0.85	m_e	mb 5.2
MOX	75.94		P	11:19:59.803		33.5		5.65		TAS		16.2	1.01	m_e	mb 5.1
MOX	75.94		L	11:33:12.162						T__		270.3	18.30	a_e	Ms 4.6
NEUB	75.43		P	11:19:56.928	-0.5	33.5		5.65		TAS		53.0	0.87	m_e	mb 5.7
PLN	75.88		P	11:19:59.600		33.5		5.65		TAS		3.8	0.83	m_e	mb 4.6
RUE	73.67		P	11:19:47.255	0.2	33.5		5.65		TAS		36.3	0.81	m_e	mb 5.5
STU	78.37		P	11:20:13.565		33.5		5.65		TAS		51.6	0.85	m_e	mb 5.7
WET	76.72		P	11:20:04.941		33.5		5.65		TAS		30.6	0.92	m_e	mb 5.4

Event 10620002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/20	12:41:41.90			-20.0800	-178.2500				577.0			14		145.49	150.18	m i ke	EMSC
	10620034																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	147.72		PKPbc	13:00:22.324		17.7		2.61		TAS				m_e	
BSEG	145.49		PKPbc	13:00:16.434	-0.4	17.7		2.61		TAS				m_e	
CLL	147.52		PKPbc	13:00:21.729	-0.0	17.7		2.61		TAS				m_e	
FLT1	146.89		PKPbc	13:00:19.647	0.1	17.7		2.61		TAS				m_e	
GEC2	149.66		PKPbc	13:00:26.906		17.7		2.61		TAS				m_e	
GTTG	147.86		PKPbc	13:00:22.860	0.1	17.7		2.61		TAS				m_e	
KAST	148.41		PKPbc	13:00:24.036	-0.4	17.7		2.61		TAS				m_e	
NEUB	147.88		PKPbc	13:00:22.919		17.7		2.61		TAS				m_e	
PLN	148.48		PKPbc	13:00:24.288		17.7		2.61		TAS				m_e	
RUE	146.26		PKPbc	13:00:18.278	-0.2	17.7		2.61		TAS				m_e	
TANN	148.48		PKPbc	13:00:24.288		17.7		2.61		TAS				m_e	
TNS	149.37		PKPbc	13:00:26.727		17.7		2.61		TAS				m_e	
WLF	150.18		PKPbc	13:00:29.048		17.7		2.61		TAS				m_e	

Event 10620003 Kermadec Islands, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/20	17:05:48.10			-30.4000	-177.8100				10.0				21	157.03	161.41	m i ke	EMSC
OrigID 10620035																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.6		BGR	10620009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	159.47		PKPab	17:26:23.515	-0.4	22.9		4.46		TAS				m_e	
ASSE	157.33		PKPab	17:26:14.054	0.1	22.9		4.46		TAS				m_e	
BFO	161.41		PKPab	17:26:31.946		22.9		4.46		TAS				m_e	
BRG	157.68		PKPab	17:26:15.927	0.2	22.9		4.46		TAS				m_e	
BUG	158.56		PKPab	17:26:19.290	-0.1	22.9		4.46		TAS				m_e	
CLL	157.55		PKPab	17:26:14.982	0.1	22.9		4.46		TAS				m_e	
CLZ	157.66		PKPab	17:26:15.919	0.0	22.9		4.46		TAS				m_e	
FLT1	157.03		PKPab	17:26:12.267	-0.8	22.9		4.46		TAS				m_e	
FUR	160.88		PKPab	17:26:30.219		22.9		4.46		TAS				m_e	
GEC2	159.54		PKPab	17:26:24.159		22.9		4.46		TAS				m_e	
GRA1	159.49		L	18:49:34.253						T__		8562.2	21.80	a_e Ms	6.5
GTTG	158.02		PKPab	17:26:16.574	-0.2	22.9		4.46		TAS				m_e	
IBBN	157.65		PKPab	17:26:15.919	-0.1	22.9		4.46		TAS				m_e	
KAST	158.63		PKPab	17:26:18.915	-0.1	22.9		4.46		TAS				m_e	
MOX	158.51		PKPab	17:26:18.925	0.3	22.9		4.46		TAS				m_e	
MOX	158.51		L	18:51:10.425						T__		8424.6	19.50	a_e Ms	6.6
NEUB	157.96		PKPab	17:26:16.855	0.1	22.9		4.46		TAS				m_e	
PLN	158.52		PKPab	17:26:19.393	0.1	22.9		4.46		TAS				m_e	
STU	160.81		PKPab	17:26:29.497		22.9		4.46		TAS				m_e	
TANN	158.51		PKPab	17:26:19.196	-0.1	22.9		4.46		TAS				m_e	
TNS	159.57		PKPab	17:26:23.878	0.3	22.9		4.46		TAS				m_e	
WET	159.53		PKPab	17:26:24.534		22.9		4.46		TAS				m_e	
WLF	160.44		PKPab	17:26:28.280		22.9		4.46		TAS				m_e	

Event 10620004 Kermadec Islands, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/20	17:24:33.70			-30.2400	-177.5100				10.0				22	155.57	161.31	m i ke	EMSC
OrigID 10620036																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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AHRW	159.35	PKPab	17:45:10.521	0.2	22.0	4.36	TAS	m_e
ASSE	157.24	PKPab	17:45:00.747	-0.1	22.0	4.36	TAS	m_e
BFO	161.31	PKPab	17:45:18.470		22.0	4.36	TAS	m_e
BRG	157.62	PKPab	17:45:02.572	0.2	22.0	4.36	TAS	m_e
BSEG	155.57	PKPab	17:44:54.270	-0.1	22.0	4.36	TAS	m_e
BUG	158.44	PKPab	17:45:06.105	-0.1	22.0	4.36	TAS	m_e
CLL	157.48	PKPab	17:45:01.748	-0.3	22.0	4.36	TAS	m_e
CLZ	157.56	PKPab	17:45:02.690	-0.2	22.0	4.36	TAS	m_e
FLT1	156.93	PKPab	17:44:59.349	-0.5	22.0	4.36	TAS	m_e
FUR	160.81	PKPab	17:45:17.174		22.0	4.36	TAS	m_e
GEC2	159.49	PKPab	17:45:10.425		22.0	4.36	TAS	m_e
GTTG	157.93	PKPab	17:45:04.103	0.1	22.0	4.36	TAS	m_e
IBBN	157.53	PKPab	17:45:02.513	0.2	22.0	4.36	TAS	m_e
KAST	158.52	PKPab	17:45:06.419	-0.0	22.0	4.36	TAS	m_e
MOX	158.43	PKPab	17:45:05.693	0.1	22.0	4.36	TAS	m_e
NEUB	157.88	PKPab	17:45:03.691	0.1	22.0	4.36	TAS	m_e
PLN	158.44	PKPab	17:45:06.164	0.2	22.0	4.36	TAS	m_e
RETH	156.88	PKPab	17:44:59.172	-0.1	22.0	4.36	TAS	m_e
TANN	158.43	PKPab	17:45:06.282	-0.7	22.0	4.36	TAS	m_e
TNS	159.46	PKPab	17:45:10.778	-0.1	22.0	4.36	TAS	m_e
WET	159.47	PKPab	17:45:10.955		22.0	4.36	TAS	m_e
WLF	160.32	PKPab	17:45:15.138	0.7	22.0	4.36	TAS	m_e

Event 10621001 Kermadec Islands, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/21	11:14:12.10			-30.3800	-177.5500				26.0			21		155.70	161.44	m i ke	EMSC
10621033																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.8		BGR	10621007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	157.36		PKPab	11:34:35.835	-0.3	22.2		4.42		TAS					m_e
BFO	161.44		PKPab	11:34:53.857		22.2		4.42		TAS					m_e
BRG	157.74		PKPab	11:34:37.695	0.6	22.2		4.42		TAS					m_e
BSEG	155.70		PKPab	11:34:29.193	-0.0	22.2		4.42		TAS					m_e
CLL	157.60		PKPab	11:34:36.953	0.0	22.2		4.42		TAS					m_e
CLZ	157.69		PKPab	11:34:37.761	-0.1	22.2		4.42		TAS					m_e
FLT1	157.06		PKPab	11:34:34.205	-0.1	22.2		4.42		TAS					m_e
FUR	160.93		PKPab	11:34:52.170		22.2		4.42		TAS					m_e
GEC2	159.61		PKPab	11:34:45.531		22.2		4.42		TAS					m_e
GRA1	159.53		PKPab	11:34:46.186		22.2		4.42		TAS					m_e
GRA1	159.53		L	12:57:05.348						T__	1440.4	20.60		a_e Ms	5.8
GTTG	158.05		PKPab	11:34:39.540	-0.1	22.2		4.42		TAS					m_e
IBBN	157.66		PKPab	11:34:37.923	0.4	22.2		4.42		TAS					m_e



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Wed Jan 11 09:16:11 2023

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KAST	158.65	PKPab	11:34:41.722	0.2	22.2	4.42	TAS										m_e
MOX	158.55	PKPab	11:34:41.091	0.3	22.2	4.42	TAS										m_e
MOX	158.55	L	12:59:31.555				T__				1569.9	19.50	a_e	Ms		5.9	
NEUB	158.01	PKPab	11:34:38.731	-0.3	22.2	4.42	TAS										m_e
PLN	158.57	PKPab	11:34:41.334	0.1	22.2	4.42	TAS										m_e
RETH	157.01	PKPab	11:34:34.528	-0.2	22.2	4.42	TAS										m_e
STU	160.85	PKPab	11:34:51.513		22.2	4.42	TAS										m_e
TANN	158.56	PKPab	11:34:41.490	-0.2	22.2	4.42	TAS										m_e
TNS	159.59	PKPab	11:34:45.774	0.4	22.2	4.42	TAS										m_e
WET	159.59	PKPab	11:34:46.339		22.2	4.42	TAS										m_e

Event 10621003 Dodecanese Islands, Greece

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/21	22:14:31.67			37.3620	26.2020				33.0				27	16.08	19.86	m i ke	BGR
10621009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	10621009
Ms	4.8		BGR	10621009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	18.97		P	22:18:50.468		133.2		11.08		TAS		238.8	1.19	m_e	mb	5.3
ASSE	18.36		P	22:18:43.216		133.2		11.08		TAS		158.7	1.37	m_e	mb	5.0
BFO	17.03		P	22:18:29.167	0.6	133.2		11.08		TAS		493.6	2.06	m_e	mb	5.3
BRG	16.08		P	22:18:18.821	0.1	133.2		11.08		TAS		171.7	1.65	m_e	mb	4.9
BSEG	19.86		P	22:18:58.595		133.2		11.08		TAS		237.0	1.44	m_e	mb	5.2
BUG	19.43		P	22:18:55.063		133.2		11.08		TAS		238.7	1.30	m_e	mb	5.3
CLL	16.79		P	22:18:27.321	-0.5	133.2		11.08		TAS		254.2	1.58	m_e	mb	5.1
CLZ	18.28		P	22:18:42.621		133.2		11.08		TAS		133.9	1.23	m_e	mb	4.9
FLT1	18.28		P	22:18:42.147	-0.5	133.2		11.08		TAS		174.2	1.28	m_e	mb	5.0
GOR1	18.76		P	22:18:47.360		133.2		11.08		TAS		190.6	1.21	m_e	mb	5.2
GRA1	16.38		P	22:18:22.046	-0.5	133.2		11.08		TAS		131.8	1.09	m_e	mb	5.0
GRA1	16.38		L	22:22:07.184						T__		4571.7	18.00	a_e	Ms	4.7
GTTG	18.25		P	22:18:42.815	-1.4	133.2		11.08		TAS		219.6	1.05	m_e	mb	5.2
IBBN	19.76		P	22:18:58.499		133.2		11.08		TAS		219.9	1.50	m_e	mb	5.2
KAST	18.73		P	22:18:47.313		133.2		11.08		TAS		136.9	1.35	m_e	mb	5.0
MOX	16.87		P	22:18:28.755	-1.1	133.2		11.08		TAS		468.5	1.88	m_e	mb	5.3
MOX	16.87		L	22:25:35.661						T__		7625.3	20.10	a_e	Ms	4.9
NEUB	17.21		P	22:18:31.165	-0.4	133.2		11.08		TAS		262.8	1.39	m_e	mb	5.2
PLN	16.52		P	22:18:23.860	-0.3	133.2		11.08		TAS		100.9	1.49	m_e	mb	4.7
RETH	19.35		P	22:18:54.388		133.2		11.08		TAS		429.3	1.52	m_e	mb	5.5
RUE	17.44		P	22:18:33.628	-0.5	133.2		11.08		TAS		640.6	1.78	m_e	mb	5.5
STU	16.82		P	22:18:28.152	-0.5	133.2		11.08		TAS		219.8	1.00	m_e	mb	5.2
TANN	16.34		P	22:18:21.805	2.5	133.2		11.08		TAS		325.5	1.92	m_e	mb	5.1
TNS	18.08		P	22:18:40.659	-1.2	133.2		11.08		TAS		248.5	1.10	m_e	mb	5.2

WLF 18.96 P 22:18:50.277 133.2 11.08 TAS 104.7 0.98 m\_e mb 5.0

Event 10624005 Hindu Kush, Afghanistan, region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/06/24 23:04:50.14 35.2190 70.1330 33.0 12 42.85 47.92 m i ke BGR
10624011

Magnitude Err Nsta Author OrigID
mb 4.9 BGR 10624011
Ms 4.3 BGR 10624011

Table with 16 columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include station data for BFO, BRG, FLT1, GEC2, GOR1, IBBN, MOX, MOX, NEUB, PLN, TANN, TNS, WLF.

Event 10625001 Southern Xinjiang, China

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/06/25 01:42:34.06 40.5520 82.4920 33.0 48.79 49.25 m i ke BGR
10625007

Magnitude Err Nsta Author OrigID
mb 4.5 BGR 10625007
Ms 3.8 BGR 10625007

Table with 16 columns: Sta, Dist, EvAz, Phase, Time, TRes, Azim, AzRes, Slow, SRes, Def, SNR, Amp, Per, Qual, Magnitude. Rows include station data for GRA2, GRA2, GRB5, MOX.

Event 10625002 Southern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/25	03:35:26.44			-21.4680	-11.0710				10.0					73.60	73.60	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	10625008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA2	73.60		P	03:46:58.373		198.7		6.03		TAS		23.4	1.53	m_e mb	5.0

Event 10625005 Ionian Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/25	11:02:31.50	0.95	1.19	37.9800	20.8750	56.7	14.5	52	19.0				12 346	9.72	14.27	m i ke	NOA

Magnitude	Err	Nsta	Author	OrigID
Ms	2.7		BGR	10625011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	10.06		Pn	11:04:56.410	1.3					T__		6.1	0.84	m_e	
BIOA	11.05		Pn	11:05:09.491	-0.3					T__				m_e	
FETA	11.72		Sn	11:07:30.535	1.4					T__				m_e	
FETA	11.72		Pn	11:05:19.548	-1.5					T__				m_e	
LESA	11.19		Sn	11:07:11.688	-2.5					T__				m_e	
LESA	11.19		Pn	11:05:12.766	0.4					T__				m_e	
MOA	10.98		Sn	11:07:06.802	-0.1					T__				m_e	
MOA	10.98		Pn	11:05:08.541	0.3					T__				m_e	
MOTA	11.79		Sn	11:07:32.862	2.9					T__				m_e	
MOTA	11.79		Pn	11:05:21.291	-0.3					T__				m_e	
MOX	14.27		Pn	11:05:53.974	0.8					T__				m_e	
MOX	14.27		L	11:14:57.083						T__		53.4	19.30	a_e Ms	2.7
OBKA	9.72		Sn	11:06:38.648	0.4					T__				m_e	
PART	11.90		Pn	11:05:21.907	-1.1					T__				m_e	
RJOB	11.40		Sn	11:07:17.738	-0.9					T__				m_e	
RJOB	11.40		Pn	11:05:15.237	0.2					T__				m_e	
SQTA	11.65		Sn	11:07:26.115	-0.6					T__				m_e	
WTTA	11.49		Sn	11:07:22.159	-0.5					T__				m_e	

Event 10625006 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/25	12:29:40.82			-20.7580	-177.9330				550.0				23	146.20	151.94	m i ke	BGR
OrigID																	
10625012																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	149.93		PKPbc	12:48:30.019	0.1	17.4		2.45		TAS					m_e
ASSE	147.90		PKPbc	12:48:24.652	0.2	17.4		2.45		TAS					m_e
BFO	151.94		PKPbc	12:48:33.839		17.4		2.45		TAS					m_e
BRG	148.45		PKPbc	12:48:26.259	0.5	17.4		2.45		TAS					m_e
BSEG	146.20		PKPbc	12:48:19.962	0.1	17.4		2.45		TAS					m_e
BUG	149.02		PKPbc	12:48:27.957	-0.0	17.4		2.45		TAS					m_e
CLL	148.25		PKPbc	12:48:25.598	0.5	17.4		2.45		TAS					m_e
CLZ	148.22		PKPbc	12:48:25.661	0.2	17.4		2.45		TAS					m_e
FLT1	147.61		PKPbc	12:48:23.584	-0.2	17.4		2.45		TAS					m_e
GEC2	150.39		PKPbc	12:48:30.379	-0.8	17.4		2.45		TAS					m_e
GOR1	146.96		PKPbc	12:48:22.456	-0.1	17.4		2.45		TAS					m_e
GRA2	150.15		PKPbc	12:48:31.082		17.4		2.45		TAS					m_e
GRB5	150.60		PKPbc	12:48:31.247		17.4		2.45		TAS					m_e
GTTG	148.57		PKPbc	12:48:26.850	0.3	17.4		2.45		TAS					m_e
IBBN	148.11		PKPbc	12:48:25.242	0.1	17.4		2.45		TAS					m_e
KAST	149.12		PKPbc	12:48:27.803	0.0	17.4		2.45		TAS					m_e
MOX	149.15		PKPbc	12:48:27.687	0.3	17.4		2.45		TAS					m_e
NEUB	148.60		PKPbc	12:48:26.858	-0.0	17.4		2.45		TAS					m_e
PLN	149.20		PKPbc	12:48:27.835	0.1	17.4		2.45		TAS					m_e
RETH	147.50		PKPbc	12:48:23.690	-0.0	17.4		2.45		TAS					m_e
RUE	146.99		PKPbc	12:48:22.316	-0.4	17.4		2.45		TAS					m_e
TANN	149.21		PKPbc	12:48:28.126	0.2	17.4		2.45		TAS					m_e
TNS	150.08		PKPbc	12:48:30.281	-0.5	17.4		2.45		TAS					m_e
WET	150.31		PKPbc	12:48:30.711	0.3	17.4		2.45		TAS					m_e
WLF	150.88		PKPbc	12:48:32.605		17.4		2.45		TAS					m_e

Event 10625008 Turkey

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/25	18:28:41.85	2.62	0.81	39.2270	39.9690	70.0	41.1	171	10.0				25 341	19.47	26.08	m i ke	BGR
OrigID																	
10625014																	

Magnitude Err Nsta Author OrigID

mb	5.0			BGR	10625014
Ms	4.7			BGR	10625014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	19.47		Pn	18:33:12.699	0.7					T__				m_e	
ASSE	23.99		P	18:33:55.095	-0.1					T__		17.3	0.96	m_e mb	4.5
BFO	24.43		P	18:33:58.696	-0.7					T__		59.9	1.77	m_e mb	4.8
BIOA	20.82		P	18:33:22.572	-0.3					T__		38.8	0.77	m_e mb	4.8
BRG	21.63		P	18:33:30.557	-1.0					T__		43.0	1.00	m_e mb	4.8
BSEG	24.88		P	18:34:05.228	1.6					T__		68.1	0.99	m_e mb	5.3
CLL	22.34		P	18:33:39.390	0.5					T__		51.9	0.97	m_e mb	4.9
CLZ	24.06		P	18:33:55.634	-0.3					T__		55.6	0.89	m_e mb	5.1
DAVA	23.23		P	18:33:48.352	0.6					T__		37.6	0.81	m_e mb	5.0
FETA	22.61		P	18:33:41.957	0.3					T__		61.2	1.11	m_e mb	5.0
FLT1	23.74		P	18:33:51.186	-1.6					T__		37.3	0.86	m_e mb	4.9
GEC2	21.09		P	18:33:25.002	-0.8					T__		24.0	0.88	m_e mb	4.5
GOR1	23.96		P	18:33:55.481	0.6					T__		219.0	1.28	m_e mb	5.5
GRA2	22.79		P	18:33:42.827						T__		185.2	2.50	m_e mb	5.2
IBBN	25.74		P	18:34:11.640	0.0					T__		55.5	1.05	m_e mb	5.1
KAST	25.03		P	18:34:06.227	1.2					T__		72.0	1.32	m_e mb	5.2
KBA	20.87		P	18:33:23.556	0.1					T__		94.6	1.07	m_e mb	5.0
MOA	20.45		P	18:33:18.409	-0.4					T__		81.6	1.04	m_e mb	4.9
MOX	22.93		P	18:33:45.530	0.7					T__		26.5	1.46	m_e mb	4.6
MOX	22.93		L	18:45:03.551						T__		2488.9	18.10	a_e Ms	4.7
PLN	22.55		P	18:33:42.754	1.7					T__		10.9	1.23	m_e mb	4.2
RETH	24.96		P	18:34:04.665	0.3					T__		87.3	1.18	m_e mb	5.4
RGN	23.58		P	18:33:50.396	-0.8					T__		188.6	1.05	m_e mb	5.6
TANN	22.35		P	18:33:38.163	-0.8					T__		29.9	1.16	m_e mb	4.6
TNS	24.75		P	18:34:02.305	-0.1					T__		123.3	1.41	m_e mb	5.4
WET	21.69		P	18:33:31.284	-0.9					T__		28.4	0.85	m_e mb	4.7
WLF	26.08		P	18:34:14.177	-0.6					T__		27.8	0.86	m_e mb	4.9

Event 10625009 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/25	23:18:47.57	0.69	1.62	42.4270	18.5460	24.5	11.1	22	10.0			27	253	4.98	12.02	m i ke	BGR
10625015																	

Magnitude Err Nsta Author OrigID  
 ML 4.7 BGR 10625015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	5.28		Pn	23:20:05.307	-0.7					T__				m_e ML	4.2
BFO	9.29		Sn	23:22:36.932	-3.5					T__				m_e	
BFO	9.29		Pn	23:20:58.804	-1.4					T__				m_e	
BIOA	6.30		Pn	23:20:19.709	-0.2					T__				m_e ML	4.7
BUD	5.06		Pn	23:20:00.376	-2.7					T__				m_e ML	4.8
CLL	9.65		Pn	23:21:05.746	0.7					T__				m_e	
CLZ	10.93		Pn	23:21:25.186	2.9					T__				m_e	

DAVA	7.84	Pn	23:20:40.729	0.1	T__	m_e	ML	4.9
FETA	7.21	Pn	23:20:31.712	-0.4	T__	m_e	ML	4.7
GEC2	7.26	Pn	23:20:32.490	-0.2	T__	m_e	ML	4.4
KAST	11.17	Pn	23:21:29.181	3.5	T__	m_e		
KBA	5.94	Sn	23:21:21.902	1.1	T__	m_e		
KBA	5.94	Pn	23:20:14.847	-0.1	T__	m_e	ML	4.6
LESA	6.50	Pn	23:20:22.194	-0.3	T__	m_e	ML	4.6
MLR	6.15	Pn	23:20:18.977	1.1	T__	m_e	ML	4.2
MOA	6.21	Sn	23:21:28.772	1.6	T__	m_e		
MOA	6.21	Pn	23:20:19.071	0.5	T__	m_e	ML	4.8
MOTA	7.21	Sn	23:21:52.561	1.5	T__	m_e		
MOTA	7.21	Pn	23:20:32.195	0.0	T__	m_e	ML	5.0
MOX	9.50	Sn	23:22:45.117	-0.2	T__	m_e		
MOX	9.50	Pn	23:21:02.257	-0.7	T__	m_e		
OBKA	4.98	Pn	23:20:02.110	0.1	T__	m_e	ML	4.9
PSZ	5.57	Pn	23:20:07.901	-2.1	T__	m_e	ML	4.4
RETA	7.48	Sn	23:21:59.737	2.3	T__	m_e	ML	4.8
RETH	12.02	Pn	23:21:39.917	2.9	T__	m_e		
SOP	5.44	Pn	23:20:07.228	-0.9	T__	m_e	ML	4.6
SQTA	7.08	Pn	23:20:30.749	0.4	T__	m_e	ML	4.9
STU	9.11	Sn	23:22:33.250	-2.9	T__	m_e		
TANN	9.02	Pn	23:20:57.273	0.7	T__	m_e		
TNS	10.45	Pn	23:21:14.162	-1.8	T__	m_e		
WET	7.79	Pn	23:20:39.241	-0.7	T__	m_e	ML	4.6
WTTA	6.89	Pn	23:20:27.320	-0.4	T__	m_e	ML	4.9

Event 10626003 Kermadec Islands, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/26	03:04:49.10			-30.4560	-177.7940				10.0				3	155.74	161.47	m i ke	NEIC
	10626042																

Magnitude	Err	Nsta	Author	OrigID
Ms	4.5		BGR	10626009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	161.47		PKPab	03:25:34.669		22.3		4.34		TAS				m_e		
BRG	157.74		PKPab	03:25:18.832		22.3		4.34		TAS				m_e		
BSEG	155.74		PKPab	03:25:10.400	-0.1	22.3		4.34		TAS				m_e		
CLL	157.61		PKPab	03:25:18.048		22.3		4.34		TAS				m_e		
CLZ	157.72		PKPab	03:25:19.143	-0.4	22.3		4.34		TAS				m_e		
FLT1	157.08		PKPab	03:25:15.747	0.1	22.3		4.34		TAS				m_e		
FUR	160.93		PKPab	03:25:33.182		22.3		4.34		TAS				m_e		
GEC2	159.60		PKPab	03:25:26.722		22.3		4.34		TAS				m_e		
GRA2	159.55		L	04:36:28.480						T__		64.2	21.80	a_e	Ms	4.4
IBBN	157.71		PKPab	03:25:19.256	0.0	22.3		4.34		TAS				m_e		

MOX	158.57	L	04:47:43.696							T__	73.8	20.60	a_e	Ms	4.5
PLN	158.58	PKPab	03:25:22.369	22.3	4.34					TAS			m_e		
RETH	157.05	PKPab	03:25:15.839	0.4	22.3	4.34				TAS			m_e		
TNS	159.62	PKPab	03:25:27.296	22.3	4.34					TAS			m_e		

Event 10626005 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/26	18:01:18.80			11.0900	-44.0900				10.0			26		56.42	62.40	m i ke	BGR
10626011																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	10626011
Ms	4.8		BGR	10626011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	57.33	P		18:11:06.776	0.0	248.9		6.94		TAS		14.8	0.73	a_e	mb	5.1
ASSE	60.03	P		18:11:25.426	-0.1	248.9		6.94		TAS		12.1	0.87	a_e	mb	4.9
BFO	57.20	P		18:11:05.626	0.5	248.9		6.94		TAS		39.1	0.86	a_e	mb	5.5
BRG	61.51	P		18:11:35.626	0.1	248.9		6.94		TAS		12.5	0.92	a_e	mb	5.1
BSEG	60.53	P		18:11:28.676	0.0	248.9		6.94		TAS		61.9	0.98	a_e	mb	5.4
BUG	57.82	P		18:11:09.776	-0.1	248.9		6.94		TAS		31.0	0.77	a_e	mb	5.4
CLL	61.09	P		18:11:32.626	-0.2	248.9		6.94		TAS		45.3	0.87	a_e	mb	5.3
CLZ	59.75	P		18:11:23.326	0.2	248.9		6.94		TAS		15.1	0.89	a_e	mb	5.0
FLT1	60.43	P		18:11:27.826	0.1	248.9		6.94		TAS		18.5	0.89	a_e	mb	5.1
FUR	58.98	P		18:11:18.376		248.9		6.94		TAS		52.1	0.79	a_e	mb	5.6
GEC2	60.73	P		18:11:29.726	-0.4	248.9		6.94		TAS		24.8	0.86	a_e	mb	5.1
GOR1	60.71	P		18:11:30.076	0.4	248.9		6.94		TAS		30.4	0.93	a_e	mb	5.1
GRA2	59.54	L		18:32:58.877						T__		687.2	19.40	a_e	Ms	4.8
GTTG	59.40	P		18:11:21.226	-0.2	248.9		6.94		TAS		38.3	0.94	a_e	mb	5.4
IBBN	58.46	P		18:11:14.376	-0.3	248.9		6.94		TAS		40.5	0.77	a_e	mb	5.5
KAST	58.38	P		18:11:13.676	-0.2	248.9		6.94		TAS		8.5	0.93	a_e	mb	4.8
MOX	60.04	P		18:11:25.526	0.1	248.9		6.94		TAS		31.0	0.85	m_e	mb	5.4
MOX	60.04	L		18:32:44.573						T__		868.1	21.00	a_e	Ms	4.9
NEUB	60.33	P		18:11:27.276	-0.0	248.9		6.94		TAS		33.8	0.84	a_e	mb	5.4
PLN	60.31	P		18:11:27.326	0.3	248.9		6.94		TAS		8.0	0.84	a_e	mb	4.8
RETH	59.53	P		18:11:22.226	-0.1	248.9		6.94		TAS		19.1	0.95	a_e	mb	5.1
RGN	62.40	P		18:11:41.526	-0.1	248.9		6.94		TAS		74.6	0.83	a_e	mb	6.0
RUE	61.94	P		18:11:38.526	0.0	248.9		6.94		TAS		57.0	0.82	a_e	mb	5.8
STU	57.90	P		18:11:10.126	-0.0	248.9		6.94		TAS		129.2	0.88	a_e	mb	6.0
TANN	60.47	P		18:11:28.676	0.8	248.9		6.94		TAS		25.4	1.04	a_e	mb	5.2
TNS	58.01	P		18:11:12.176	-0.6	248.9		6.94		TAS		40.2	0.83	a_e	mb	5.5
WET	60.31	P		18:11:27.076	-0.3	248.9		6.94		TAS		13.0	0.90	a_e	mb	5.0
WLF	56.42	P		18:10:59.776	-0.1	248.9		6.94		TAS		38.7	0.80	a_e	mb	5.5

Event 10626006 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/26	20:06:50.29			-21.9980	169.9630				33.0				9	145.59	149.85	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	149.85		PKPbc	20:26:37.496		38.9		2.83		TAS					m_e
BRG	145.59		PKPbc	20:26:25.425		38.9		2.83		TAS					m_e
CLL	145.65		PKPbc	20:26:25.566		38.9		2.83		TAS					m_e
CLZ	146.22		PKPbc	20:26:28.480		38.9		2.83		TAS					m_e
GEC2	147.19		PKPbc	20:26:30.494		38.9		2.83		TAS					m_e
IBBN	146.72		PKPbc	20:26:29.413	0.2	38.9		2.83		TAS					m_e
RETH	145.83		PKPbc	20:26:26.180	-0.2	38.9		2.83		TAS					m_e
TANN	146.55		PKPbc	20:26:28.080		38.9		2.83		TAS					m_e
WET	147.34		PKPbc	20:26:30.875		38.9		2.83		TAS					m_e

Event 10626007 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/26	22:52:36.50			-28.4900	-176.4700				10.0				8	155.42	158.09	m i ke	EMSC

Magnitude	Err	Nsta	Author	OrigID
Ms	5.0		BGR	10626013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	156.23		PKPab	23:13:01.125		18.4		3.31		TAS					m_e
CLZ	156.04		PKPab	23:12:57.635		18.4		3.31		TAS					m_e
FLT1	155.42		PKPab	23:12:56.705	0.1	18.4		3.31		TAS					m_e
GTTG	156.39		PKPab	23:12:59.031		18.4		3.31		TAS					m_e
IBBN	155.92		PKPab	23:12:57.635	-0.7	18.4		3.31		TAS					m_e
MOX	156.96		L	00:37:26.073						T__		228.4	18.40	a_e	Ms 5.0
NEUB	156.41		PKPab	23:13:02.289		18.4		3.31		TAS					m_e
TANN	157.00		PKPab	23:13:02.289		18.4		3.31		TAS					m_e
WET	158.09		PKPab	23:13:07.175		18.4		3.31		TAS					m_e

Event 10627001 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID  
 2021/06/26 23:48:50.90 -28.2100 -176.5200 10.0 3 153.73 159.48 m i ke EMSC  
 10627033

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	155.43		PKPab	00:09:09.967	-0.1	18.3		4.34		TAS					m_e
BFO	159.48		PKPab	00:09:27.378	-0.3	18.3		4.34		TAS					m_e
BRG	155.95		PKPab	00:09:12.432	-0.2	18.3		4.34		TAS					m_e
BSEG	153.73		PKPdf	00:08:50.578	0.0	11.7		1.80		TAS					m_e
BSEG	153.73		PKPab	00:09:02.982	0.3	18.3		4.34		TAS					m_e
CLL	155.77		PKPab	00:09:11.528	-0.1	18.3		4.34		TAS					m_e
CLZ	155.75		PKPdf	00:08:54.264		11.7		1.80		TAS					m_e
CLZ	155.75		PKPab	00:09:11.775	0.3	18.3		4.34		TAS					m_e
FLT1	155.14		PKPdf	00:08:53.232	-0.1	11.7		1.80		TAS					m_e
FLT1	155.14		PKPab	00:09:08.406	-0.4	18.3		4.34		TAS					m_e
FUR	159.10		PKPab	00:09:26.424	0.3	18.3		4.34		TAS					m_e
GEC2	157.87		PKPab	00:09:20.979	-0.2	18.3		4.34		TAS					m_e
GOR1	154.50		PKPdf	00:08:52.300	-0.1	11.7		1.80		TAS					m_e
GOR1	154.50		PKPab	00:09:06.406	0.4	18.3		4.34		TAS					m_e
GTTG	156.11		PKPab	00:09:13.090	0.1	18.3		4.34		TAS					m_e
IBBN	155.63		PKPab	00:09:10.871	-0.4	18.3		4.34		TAS					m_e
KAST	156.65		PKPab	00:09:15.227	-0.3	18.3		4.34		TAS					m_e
MOX	156.68		PKPab	00:09:15.391	-0.1	18.3		4.34		TAS					m_e
NEUB	156.13		PKPab	00:09:12.843	-0.2	18.3		4.34		TAS					m_e
PLN	156.72		PKPab	00:09:15.637	-0.1	18.3		4.34		TAS					m_e
RETH	155.03		PKPab	00:09:08.503	0.1	18.3		4.34		TAS					m_e
RUE	154.50		PKPdf	00:08:52.345		11.7		1.80		TAS					m_e
RUE	154.50		PKPab	00:09:06.182	0.0	18.3		4.34		TAS					m_e
STU	158.92		PKPab	00:09:25.611	0.4	18.3		4.34		TAS					m_e
TANN	156.72		PKPab	00:09:15.720	-0.1	18.3		4.34		TAS					m_e
TNS	157.61		PKPab	00:09:19.808	0.2	18.3		4.34		TAS					m_e
WET	157.81		PKPab	00:09:20.897	0.2	18.3		4.34		TAS					m_e
WLF	158.39		PKPab	00:09:23.387	-0.1	18.3		4.34		TAS					m_e

Event 10627002 East of Kuril Islands, Russia

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author  
 OrigID  
 2021/06/27 04:24:40.40 44.9200 151.2800 54.0 20 75.92 81.98 m i ke EMSC  
 10627034

Magnitude Err Nsta Author

OrigID

mb 4.5 BGR 10627008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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ASSE	77.43	P	04:36:31.021	0.2	27.6	5.72	TAS	3.6	0.91	m_e	mb	4.5
BRG	77.56	P	04:36:31.299	0.1	27.6	5.72	TAS	1.8	0.78	m_e	mb	4.3
BSEG	75.92	P	04:36:22.253	-0.7	27.6	5.72	TAS	3.7	1.01	m_e	mb	4.5
BUG	78.98	P	04:36:40.510	-0.2	27.6	5.72	TAS	10.2	0.84	m_e	mb	4.9
CLL	77.47	P	04:36:30.559	-0.5	27.6	5.72	TAS	9.4	0.87	m_e	mb	4.9
CLZ	77.77	P	04:36:32.927	0.1	27.6	5.72	TAS	9.2	1.15	m_e	mb	4.8
DAVA	81.98	P	04:36:55.543		27.6	5.72	TAS	4.9	0.95	m_e	mb	4.6
FLT1	77.09	P	04:36:28.196	0.1	27.6	5.72	TAS	4.9	0.75	m_e	mb	4.7
GEC2	79.41	P	04:36:41.516	-0.9	27.6	5.72	TAS	2.3	0.80	m_e	mb	4.2
GTTG	78.15	P	04:36:35.154	0.5	27.6	5.72	TAS	7.6	1.07	m_e	mb	4.8
IBBN	78.07	P	04:36:34.338	-0.4	27.6	5.72	TAS	7.3	0.63	m_e	mb	5.0
KAST	78.89	P	04:36:38.952	0.5	27.6	5.72	TAS	3.2	0.93	m_e	mb	4.3
MOX	78.47	P	04:36:36.359	0.5	27.6	5.72	TAS	6.0	1.20	m_e	mb	4.5
NEUB	77.94	P	04:36:33.403	-0.1	27.6	5.72	TAS	9.9	1.10	m_e	mb	4.9
PLN	78.45	P	04:36:36.344	0.6	27.6	5.72	TAS	0.7	0.88	m_e	mb	3.7
SQTA	81.63	P	04:36:54.016		27.6	5.72	TAS	4.1	0.96	m_e	mb	4.5
TANN	78.42	P	04:36:36.153	0.2	27.6	5.72	TAS	1.6	0.78	m_e	mb	4.1
TNS	79.76	P	04:36:44.722		27.6	5.72	TAS	4.2	0.80	m_e	mb	4.4
WET	79.41	P	04:36:42.136		27.6	5.72	TAS	6.9	1.07	m_e	mb	4.5
WLF	80.90	P	04:36:51.498		27.6	5.72	TAS	7.1	1.00	m_e	mb	4.7

Event 10627003 Mindanao, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/27	07:14:10.20			8.9900	126.3200				54.0			10		96.22	98.77	m i ke	EMSC
	10627035																

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	10627009
Ms	4.3		BGR	10627009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	98.09	P		07:27:40.287	-0.3	64.9		5.14		TAS		2.8	0.88	m_e	mb	5.0
BRG	96.76	P		07:27:33.747		64.9		5.14		TAS		2.8	0.86	m_e	mb	4.9
BSEG	97.48	P		07:27:37.735		64.9		5.14		TAS		2.3	0.62	m_e	mb	5.1
CLL	97.13	P		07:27:35.471		64.9		5.14		TAS		3.2	0.90	m_e	mb	5.0
CLZ	98.39	P		07:27:41.798	0.1	64.9		5.14		TAS		4.9	0.94	m_e	mb	5.2
FLT1	97.69	P		07:27:37.816	-0.1	64.9		5.14		TAS		14.2	1.57	m_e	mb	5.5
GEC2	97.71	P		07:27:38.966		64.9		5.14		TAS		3.9	0.69	m_e	mb	5.2
GOR1	97.37	P		07:27:36.435		64.9		5.14		TAS		19.8	1.54	m_e	mb	5.5
GRA2	98.77	L		08:14:56.038						T__		103.6	21.00	a_e	Ms	4.3
MOX	98.20	P		07:27:40.972		64.9		5.14		TAS		3.0	0.93	m_e	mb	5.0
MOX	98.20	L		08:15:20.601						T__		109.7	20.88	a_e	Ms	4.3
NEUB	97.88	P		07:27:39.799	-0.1	64.9		5.14		TAS		5.3	0.89	m_e	mb	5.3
PLN	97.96	P		07:27:39.641		64.9		5.14		TAS		1.4	1.12	m_e	mb	4.6
RETH	98.54	P		07:27:41.554	-0.1	64.9		5.14		TAS		21.5	1.87	m_e	mb	5.6

RUE	96.22	P	07:27:31.884	-0.1	64.9	5.14	TAS	14.2	0.50	m_e	mb	5.8
TANN	97.81	P	07:27:38.837		64.9	5.14	TAS	3.1	0.95	m_e	mb	5.0
WET	98.08	P	07:27:40.390		64.9	5.14	TAS	1.6	0.70	m_e	mb	4.9

Event 10627005 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/27	15:45:38.50			-24.1120	-179.8450				537.9	1.5		18		149.18	154.36	m i ke	BGR
	10627011																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	150.82		PKPbc	16:04:30.772	0.6	22.7		2.19		TAS					m_e
ASSE	150.82		pPKPbc	16:06:35.795		21.0		2.42		TAS					m_e
BRG	151.16		PKPbc	16:04:31.635	0.2	22.7		2.19		TAS					m_e
BRG	151.16		pPKPbc	16:06:36.806		21.0		2.42		TAS					m_e
BSEG	149.18		PKPbc	16:04:26.861	0.1	22.7		2.19		TAS					m_e
BSEG	149.18		PKPab	16:04:33.009	-0.2	22.0		4.44		TAS					m_e
CLL	151.03		PKPbc	16:04:31.210	0.3	22.7		2.19		TAS					m_e
CLL	151.03		pPKPbc	16:06:36.319		21.0		2.42		TAS					m_e
CLZ	151.15		PKPbc	16:04:31.801	0.3	22.7		2.19		TAS					m_e
CLZ	151.15		pPKPbc	16:06:36.651		21.0		2.42		TAS					m_e
FLT1	150.51		PKPbc	16:04:29.770	0.1	22.7		2.19		TAS					m_e
FLT1	150.51		PKPab	16:04:38.315	0.2	22.0		4.44		TAS					m_e
FLT1	150.51		pPKPbc	16:06:34.952	0.0	21.0		2.42		TAS					m_e
FUR	154.36		PKPab	16:04:55.832		22.0		4.44		TAS					m_e
GEC2	153.04		PKPbc	16:04:35.378		22.7		2.19		TAS					m_e
GOR1	149.87		PKPbc	16:04:28.615	-0.3	22.7		2.19		TAS					m_e
GRB2	153.24		PKPbc	16:04:35.889	0.0	22.7		2.19		TAS					m_e
GTTG	151.51		PKPbc	16:04:32.452	-0.0	22.7		2.19		TAS					m_e
GTTG	151.51		PKPab	16:04:43.230		22.0		4.44		TAS					m_e
IBBN	151.17		PKPbc	16:04:32.384	0.2	22.7		2.19		TAS					m_e
IBBN	151.17		PKPab	16:04:41.753		22.0		4.44		TAS					m_e
KAST	152.13		PKPbc	16:04:33.470		22.7		2.19		TAS					m_e
MOX	151.99		PKPbc	16:04:33.233	0.1	22.7		2.19		TAS					m_e
MOX	151.99		pPKPbc	16:06:38.565		21.0		2.42		TAS					m_e
NEUB	151.44		PKPbc	16:04:32.397	-0.0	22.7		2.19		TAS					m_e
NEUB	151.44		PKPab	16:04:42.590		22.0		4.44		TAS					m_e
PLN	152.00		PKPbc	16:04:33.341	-0.3	22.7		2.19		TAS					m_e
PLN	152.00		pPKPbc	16:06:38.688		21.0		2.42		TAS					m_e
RETH	150.49		PKPbc	16:04:29.860	0.0	22.7		2.19		TAS					m_e
RUE	149.77		PKPbc	16:04:28.421	-0.3	22.7		2.19		TAS					m_e
TANN	151.98		PKPbc	16:04:33.216	-0.3	22.7		2.19		TAS					m_e
TNS	153.06		PKPbc	16:04:35.481		22.7		2.19		TAS					m_e
WET	153.02		PKPab	16:04:49.667		22.0		4.44		TAS					m_e

Event 10627006 Southern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/27	15:56:09.23			-3.8270	100.7990				50.6	0.3		15		90.97	95.19	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	10627012
Ms	4.5		BGR	10627012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	93.09		P	16:09:19.434	-0.4	92.8		4.60		TAS		6.2	1.20	m_e mb	4.9
BFO	94.50		P	16:09:25.842		92.8		4.60		TAS		2.8	0.77	m_e mb	4.7
BRG	90.97		P	16:09:10.000	-0.0	92.8		4.60		TAS		5.5	0.81	m_e mb	4.9
BRG	90.97		pP	16:09:24.850						T__				m_e	
BSEG	93.36		pP	16:09:35.653						T__				m_e	
BUG	95.19		P	16:09:29.701		92.8		4.60		TAS		11.8	1.10	m_e mb	5.2
CLL	91.60		P	16:09:12.531	-0.4	92.8		4.60		TAS		3.5	1.12	m_e mb	4.6
CLZ	93.26		P	16:09:20.590	0.3	92.8		4.60		TAS		4.4	0.91	m_e mb	4.9
GEC2	90.97		P	16:09:10.282	0.3	92.8		4.60		TAS		4.4	0.90	m_e mb	4.8
GEC2	90.97		pP	16:09:25.007						T__				m_e	
GOR1	92.74		P	16:09:18.388		92.8		4.60		TAS		85.5	2.52	m_e mb	5.7
GRA2	92.55		P	16:09:17.340		92.8		4.60		TAS		4.2	0.83	m_e mb	4.9
GRB2	92.33		L	16:39:18.309						T__		169.6	22.00	a_e Ms	4.5
GRB3	92.24		P	16:09:16.044		92.8		4.60		TAS		7.7	0.90	m_e mb	5.0
MOX	92.43		P	16:09:16.560	-0.3	92.8		4.60		TAS		2.5	0.88	m_e mb	4.6
MOX	92.43		L	16:39:28.067						T__		220.5	20.70	a_e Ms	4.6
NEUB	92.36		P	16:09:16.512	-0.1	92.8		4.60		TAS		6.2	0.75	m_e mb	5.0
PLN	92.08		P	16:09:15.116	0.1	92.8		4.60		TAS		0.9	0.90	m_e mb	4.1
RUE	91.21		P	16:09:11.280	0.2	92.8		4.60		TAS		14.8	0.92	m_e mb	5.3
STU	93.94		P	16:09:23.489		92.8		4.60		TAS		13.3	0.48	m_e mb	5.5
TANN	91.88		P	16:09:13.923	0.0	92.8		4.60		TAS		3.2	1.12	m_e mb	4.6
TNS	94.44		P	16:09:26.358		92.8		4.60		TAS		5.5	0.87	m_e mb	4.9
WET	91.53		P	16:09:12.732	0.2	92.8		4.60		TAS		4.7	0.86	m_e mb	4.8

Event 10627007 Northern Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/27	16:24:29.43			45.0750	-28.6300				33.0					27.22	27.22	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID

mb 4.4 BGR 10627013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA2	27.22		P	16:30:09.986		275.4		8.53		TAS		10.0	1.21	m_e	mb 4.4

Event 10628001 Kashmir-Xizang border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/28	00:40:37.32			34.2900	78.4900				33.0			20		48.67	53.85	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb 4.8			BGR	10628007
Ms 4.2			BGR	10628007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	48.72		P	00:49:18.695	-0.3	82.2		7.51		TAS		15.2	1.37	m_e	mb 4.8
BSEG	50.60		P	00:49:32.849	-0.4	82.2		7.51		TAS		8.3	1.02	m_e	mb 4.6
CLL	49.27		P	00:49:22.285	-0.8	82.2		7.51		TAS		5.5	1.10	m_e	mb 4.5
CLZ	50.82		P	00:49:34.718	0.7	82.2		7.51		TAS		18.4	1.34	m_e	mb 4.8
FLT1	50.23		P	00:49:29.731	-0.1	82.2		7.51		TAS		10.3	0.96	m_e	mb 4.7
FUR	50.83		P	00:49:34.535		82.2		7.51		TAS		8.3	0.85	m_e	mb 4.7
GEC2	49.13		P	00:49:21.669	-0.1	82.2		7.51		TAS		13.4	1.67	m_e	mb 4.7
GOR1	50.12		P	00:49:28.714	-0.6	82.2		7.51		TAS		23.2	1.31	m_e	mb 5.0
GRB1	50.38		L	01:13:24.168						T__		227.1	20.00	a_e	Ms 4.2
GTTG	51.12		P	00:49:36.929	0.8	82.2		7.51		TAS		32.1	1.44	m_e	mb 5.0
IBBN	52.35		P	00:49:46.143		82.2		7.51		TAS		9.9	1.06	m_e	mb 4.7
KAST	52.13		P	00:49:44.263		82.2		7.51		TAS		11.4	1.50	m_e	mb 4.6
MOX	50.22		P	00:49:29.524	-0.6	82.2		7.51		TAS		13.1	1.55	m_e	mb 4.6
MOX	50.22		L	01:12:42.898						T__		279.8	18.30	a_e	Ms 4.3
NEUB	50.05		P	00:49:28.519		82.2		7.51		TAS		10.8	0.86	m_e	mb 4.8
PLN	49.90		P	00:49:28.568	0.8	82.2		7.51		TAS		3.6	1.42	m_e	mb 4.1
RGN	48.79		P	00:49:19.837	0.8	82.2		7.51		TAS		90.5	1.64	m_e	mb 5.5
RUE	48.67		P	00:49:19.212	0.6	82.2		7.51		TAS		30.8	1.50	m_e	mb 5.1
STU	52.08		P	00:49:44.640	-0.2	82.2		7.51		TAS		16.3	0.80	m_e	mb 5.0
TANN	49.72		P	00:49:26.535	0.1	82.2		7.51		TAS		12.0	1.68	m_e	mb 4.6
TNS	52.28		P	00:49:46.509		82.2		7.51		TAS		9.9	1.35	m_e	mb 4.6
WET	49.62		P	00:49:25.592	0.1	82.2		7.51		TAS		7.2	1.38	m_e	mb 4.4
WLF	53.85		P	00:49:57.271		82.2		7.51		TAS		13.5	1.35	m_e	mb 4.8

Event 10628002 Southern East Pacific Rise

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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2021/06/28 04:21:05.60

-33.3000 -109.5600

10.0

134.06 134.27 m i ke EMSC

10628034

Magnitude	Err	Nsta	Author	OrigID
Ms	4.5		BGR	10628008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA3	134.06		PKPdf	04:40:23.606		267.7		2.42		TAS				m_e	
GRA3	134.06		L	05:30:53.338						T__		104.3	20.00	a_e Ms	4.5
MOX	134.27		L	05:31:37.247						T__		96.1	21.00	a_e Ms	4.5

Event 10628003 Bonin Islands, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/28	09:12:42.93		26.0570	143.7730					33.0					92.63	93.42	m i ke	BGR

10628009

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	10628009
Ms	4.8		BGR	10628009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA3	93.42		P	09:25:54.387		49.0		4.28		TAS		32.5	1.53	m_e mb	5.4
GRA3	93.42		L	10:12:11.964						T__		471.6	18.00	a_e Ms	5.0
MOX	92.63		L	10:08:41.440						T__		272.4	19.60	a_e Ms	4.7

Event 10628007 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/28	14:00:44.20		-15.5650	167.4540					98.0				10	138.13	143.03	m i ke	NEIC

10628046

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	143.03		PKPdf	14:20:01.977		31.0		0.98		TAS				m_e	
BRG	138.79		PKPdf	14:19:57.598	0.5	31.0		0.98		TAS				m_e	
CLL	138.84		PKPdf	14:19:57.477	0.8	31.0		0.98		TAS				m_e	
CLZ	139.39		PKPdf	14:19:59.613		31.0		0.98		TAS				m_e	
GEC2	140.43		PKPdf	14:20:00.435		31.0		0.98		TAS				m_e	
GOR1	138.13		PKPdf	14:19:57.346	-0.6	31.0		0.98		TAS				m_e	
GRA3	140.72		PKPdf	14:20:01.118		31.0		0.98		TAS				m_e	
KAST	140.61		PKPdf	14:20:00.513		31.0		0.98		TAS				m_e	

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RETH	139.00	PKPdf	14:19:57.445	-0.5	31.0	0.98	TAS	m_e
TANN	139.75	PKPdf	14:19:59.294		31.0	0.98	TAS	m_e
WLF	142.68	PKPdf	14:20:01.180		31.0	0.98	TAS	m_e

Event 10629001 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/29	03:14:13.60			-15.2390	167.4460				119.0			10		138.38	142.73	m i ke	NEIC
OrigID 10629040																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	142.73		SKPbc	03:37:00.149		37.1		2.72		TAS					m_e
BRG	138.50		PKPdf	03:33:26.785		46.4		1.76		TAS					m_e
CLL	138.54		PKPdf	03:33:26.349		46.4		1.76		TAS					m_e
CLL	138.54		SKPbc	03:36:48.429	-0.0	37.1		2.72		TAS					m_e
CLZ	139.09		PKPdf	03:33:28.179		46.4		1.76		TAS					m_e
CLZ	139.09		SKPbc	03:36:50.388		37.1		2.72		TAS					m_e
FLT1	138.38		SKPbc	03:36:48.163	0.6	37.1		2.72		TAS					m_e
GEC2	140.13		PKPdf	03:33:28.866		46.4		1.76		TAS					m_e
GEC2	140.13		SKPbc	03:36:53.264		37.1		2.72		TAS					m_e
GTTG	139.48		PKPdf	03:33:28.613		46.4		1.76		TAS					m_e
IBBN	139.58		SKPbc	03:36:51.941		37.1		2.72		TAS					m_e
KAST	140.30		PKPdf	03:33:30.642		46.4		1.76		TAS					m_e
MOX	139.60		SKPbc	03:36:52.236		37.1		2.72		TAS					m_e
NEUB	139.10		PKPdf	03:33:27.938		46.4		1.76		TAS					m_e
STU	142.04		SKPbc	03:36:58.089		37.1		2.72		TAS					m_e
TANN	139.45		PKPdf	03:33:28.415		46.4		1.76		TAS					m_e
TANN	139.45		SKPbc	03:36:51.427		37.1		2.72		TAS					m_e
WET	140.26		SKPbc	03:36:53.514		37.1		2.72		TAS					m_e

Event 10629002 Kyushu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/29	05:56:00.71			31.1360	131.1170				33.0					82.57	83.30	m i ke	BGR
OrigID 10629008																	

Magnitude Err Nsta Author OrigID

mb	5.2		BGR	10629008
Ms	5.0		BGR	10629008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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GRA3	83.30	P	06:08:23.593	53.4	4.59	TAS	19.2	1.18	m_e	mb	5.2
GRA3	83.30	L	06:49:21.562			T__	691.2	20.00	a_e	Ms	5.0
MOX	82.57	L	06:48:46.324			T__	704.7	18.80	a_e	Ms	5.1

Event 10630006 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
2021/06/30	13:18:09.95			40.4060	142.7910				140.0			8		78.42	83.06	m i ke	BGR
OrigID 10630012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	10630012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	82.77		P	13:30:17.506		35.3		5.34		TAS		3.4	0.70	m_e	mb	4.7
BRG	78.59		P	13:29:55.019	-0.0	35.3		5.34		TAS		2.3	0.62	m_e	mb	4.4
CHRS	79.16		P	13:29:58.588	1.0	35.3		5.34		TAS		3.8	0.68	m_e	mb	4.5
CLL	78.60		P	13:29:55.156	0.1	35.3		5.34		TAS		5.4	0.81	m_e	mb	4.6
CRUX	79.99		P	13:30:03.125		35.3		5.34		TAS		4.6	0.84	m_e	mb	4.4
DAVA	83.06		P	13:30:19.148		35.3		5.34		TAS		7.1	0.83	m_e	mb	4.9
FLT1	78.42		P	13:29:54.083	-0.3	35.3		5.34		TAS		7.7	0.87	m_e	mb	4.7
GRA3	80.49		P	13:30:06.133		35.3		5.34		TAS				m_e		
GUNZ	79.62		P	13:30:01.041		35.3		5.34		TAS		2.6	0.70	m_e	mb	4.3
MLFH	79.36		P	13:29:59.813		35.3		5.34		TAS				m_e		
MODW	79.10		P	13:29:58.122	-0.2	35.3		5.34		TAS		3.4	0.66	m_e	mb	4.5
MOX	79.65		P	13:30:01.124		35.3		5.34		TAS		9.2	1.36	m_e	mb	4.5
MULD	79.55		P	13:30:01.712		35.3		5.34		TAS		3.5	1.06	m_e	mb	4.2
POSS	79.37		P	13:29:59.532		35.3		5.34		TAS		6.7	0.98	m_e	mb	4.6
TAUT	79.35		P	13:29:59.950	-0.3	35.3		5.34		TAS		14.2	0.71	m_e	mb	5.1
WET	80.39		P	13:30:05.123		35.3		5.34		TAS		2.8	0.82	m_e	mb	4.2
WIMM	78.98		P	13:29:57.247	0.1	35.3		5.34		TAS		4.1	0.67	m_e	mb	4.6
WTTA	82.40		P	13:30:15.179		35.3		5.34		TAS		4.4	0.77	m_e	mb	4.8

Event 10630007 Easter Island region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/06/30	15:07:54.70			-28.3420	-112.9730				10.0					133.01	133.10	m i ke	NEIC
OrigID 10630046																	

Magnitude	Err	Nsta	Author	OrigID
Ms	4.5		BGR	10630013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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GRA3	133.01	PKPdf	15:27:10.098	275.5	1.93	TAS			m_e		
GRA3	133.01	L	16:29:08.933			T__	105.1	20.90	a_e Ms		4.5
MOX	133.10	L	16:27:21.756			T__	88.6	20.90	a_e Ms		4.5