

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

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

February 2022

UPDATED 30.March 2022

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

Event 20201001 Pyrenees

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/01	02:03:00.96	0.58	1.89	42.6690	1.2580	22.2	10.0	123	5.0			22	330	6.52	8.42	m i ke	BGR
OrigID 20201007																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.6		BGR	20201007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ABH	8.42		Sg	02:07:28.980	0.8					T__				m_e	
BALST	6.52		Sg	02:06:26.786	-1.1					T__				m_e	
BALST	6.52		Pn	02:04:38.674	3.2					T__				m_e ML	4.7
BALST	6.52		Pg	02:05:02.143	-1.6					T__				m_e	
BERGE	7.13		Sg	02:06:45.311	-1.8					T__				m_e	
BERGE	7.13		Pg	02:05:14.092	-1.1					T__				m_e ML	4.4
BFO	7.53		Pg	02:05:20.822	-1.8					T__				m_e ML	4.3
BFO	7.53		Sg	02:06:58.602	-1.1					T__				m_e	
DAVA	7.65		Sg	02:07:06.352	2.5					T__				m_e ML	4.3
ECH			Sg	02:06:38.714	-1.9					T__				m_e	
ECH			Pg	02:05:09.785	-1.5					T__				m_e ML	4.5
EMING	7.47		Sg	02:06:57.022	-1.1					T__				m_e	
EMING	7.47		Pg	02:05:20.651	-1.0					T__				m_e ML	4.6
FETA	8.01		Pn	02:04:57.801	2.4					T__				m_e	
HOHE			Pg	02:05:19.892	-0.5					T__				m_e	
LDE	8.08		Sg	02:07:22.588	5.4					T__				m_e	
LEMB			Sg	02:07:09.652	0.9					T__				m_e	
NEUF			Sg	02:06:58.725	1.9					T__				m_e ML	4.8
PLONS	7.24		Pg	02:05:15.212	-2.1					T__				m_e	
PLONS	7.24		Sg	02:06:53.626	3.0					T__				m_e ML	4.0
RIVT	8.00		Sg	02:07:14.631	-0.2					T__				m_e	

RIVT	8.00	Pg	02:05:32.088	0.5	T__	m_e		
RONF		Sg	02:06:18.206	-3.1	T__	m_e		
RONF		Pn	02:04:33.259	0.6	T__	m_e ML	4.6	
RONF		Pg	02:04:58.501	-1.4	T__	m_e		
SLE	7.21	Pn	02:04:45.887	1.2	T__	m_e ML	5.1	
SLE	7.21	Pg	02:05:13.534	-3.2	T__	m_e		
SLE	7.21	Sg	02:06:50.735	1.1	T__	m_e		
SULZ	6.86	Sg	02:06:39.238	0.6	T__	m_e		
SULZ	6.86	Pg	02:05:08.560	-1.6	T__	m_e ML	5.3	
WALHA	7.52	Sg	02:07:00.053	0.4	T__	m_e		
WALHA	7.52	Pg	02:05:23.270	0.7	T__	m_e ML	4.7	
WILA	7.20	Sg	02:06:47.008	-2.3	T__	m_e ML	4.7	
WLF	7.77	Sg	02:07:08.170	0.7	T__	m_e ML	4.6	
WLS		Sg	02:06:48.213	0.2	T__	m_e		
WLS		Pg	02:05:15.216	-0.5	T__	m_e ML	4.6	
ZUGS	8.35	Pn	02:05:02.864	2.8	T__	m_e		

Event 20202006 Cyprus region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/02	21:03:44.21	2.80	0.40	34.7720	32.3640	44.5	35.6	155	33.0			24	342	19.70	24.80	m i ke	BGR
20202012																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	20202012
Ms	4.5		BGR	20202012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	24.20		P	21:08:57.462	0.8					T__		29.4	0.81	m_e mb	4.9
ASSE	23.27		P	21:08:47.547	-0.2					T__		33.9	0.79	m_e mb	4.9
BFO	22.39		P	21:08:39.023	0.1					T__		53.1	0.90	m_e mb	5.0
BRG	20.91		P	21:08:23.502	-0.0					T__		70.5	0.76	m_e mb	5.1
BSEG	24.62		P	21:09:00.654	0.0					T__		27.6	0.78	m_e mb	5.0
BUG	24.57		P	21:09:00.148	-0.0					T__		32.2	1.05	m_e mb	5.0
CLL	21.64		P	21:08:31.024	-0.2					T__		33.0	0.76	m_e mb	4.8
CLZ	23.24		P	21:08:47.136	-0.2					T__		68.5	0.78	m_e mb	5.2
FLT1	23.14		P	21:08:45.734	-0.7					T__		25.6	0.75	m_e mb	4.8
FUR	20.61		P	21:08:20.157	-0.1					T__		71.1	0.75	m_e mb	5.1
GEC2	19.70		P	21:08:11.075	0.9					T__		85.1	0.81	m_e mb	5.0
GRA1	21.50		P	21:08:29.726	-0.1					T__		58.9	0.88	m_e mb	5.0
GRA1	21.50		L	21:17:27.295						T__		2291.7	21.20	a_e Ms	4.5
GTTG	23.25		P	21:08:47.028	-0.5					T__		58.0	0.76	m_e mb	5.2
IBBN	24.80		P	21:09:02.712	0.3					T__		31.2	0.75	m_e mb	5.1
KAST	23.84		P	21:08:53.343	0.1					T__		21.6	0.84	m_e mb	4.7
MOX	21.88		P	21:08:33.931	0.2					T__		119.1	0.73	m_e mb	5.4
MOX	21.88		L	21:17:14.895						T__		2124.5	21.90	a_e Ms	4.5

NEUB	22.15	P	21:08:36.658	0.2	T__	62.7	0.73	m_e	mb	5.1
RGN	23.81	P	21:08:53.380	0.4	T__	232.0	0.71	m_e	mb	5.8
RUE	22.11	P	21:08:35.832	-0.2	T__	105.2	0.85	m_e	mb	5.3
STU	22.11	P	21:08:35.976	-0.1	T__	153.4	0.76	m_e	mb	5.5
TANN	21.31	P	21:08:27.908	0.1	T__	48.3	0.86	m_e	mb	4.8
TNS	23.28	P	21:08:47.148	-0.7	T__	24.2	0.73	m_e	mb	4.8
UBR	21.03	P	21:08:24.303	-0.6	T__	56.8	0.75	m_e	mb	5.0
WLF	24.28	P	21:08:57.966	0.5	T__	25.2	0.77	m_e	mb	4.8

Event 20203001 Gulf of Alaska

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/03	06:25:06.05			56.2940	-149.2470				20.3	8.0		18		68.74	74.84	m i ke	BGR
OrigID 20203007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	20203007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	70.56		pP	06:36:25.097	-0.4	348.8		5.95		TAS				m_e	
BFO	73.95		P	06:36:37.961		351.2		5.77		TAS		2.3	0.75	m_e	mb 4.3
BFO	73.95		pP	06:36:44.577		348.8		5.95		TAS				m_e	
BRG	72.17		P	06:36:27.930		351.2		5.77		TAS		8.1	0.78	m_e	mb 4.9
BRG	72.17		pP	06:36:34.328		348.8		5.95		TAS				m_e	
BSEG	68.74		P	06:36:08.006	0.0	351.2		5.77		TAS		9.7	0.94	m_e	mb 5.0
BSEG	68.74		pP	06:36:14.055	0.4	348.8		5.95		TAS				m_e	
BUG	70.76		P	06:36:21.778		351.2		5.77		TAS		21.4	0.73	m_e	mb 5.4
BUG	70.76		pP	06:36:25.540	0.2	348.8		5.95		TAS				m_e	
CLL	71.64		pP	06:36:30.669	-0.3	348.8		5.95		TAS				m_e	
CLZ	70.80		P	06:36:20.603		351.2		5.77		TAS		12.9	0.85	m_e	mb 5.1
CLZ	70.80		pP	06:36:26.234	0.4	348.8		5.95		TAS				m_e	
FLT1	70.43		pP	06:36:23.568	0.1	348.8		5.95		TAS				m_e	
FUR	74.52		pP	06:36:48.560		348.8		5.95		TAS				m_e	
GEC2	74.14		P	06:36:39.670		351.2		5.77		TAS		5.1	0.77	m_e	mb 4.6
GEC2	74.14		pP	06:36:46.051		348.8		5.95		TAS				m_e	
GRA1	73.01		pP	06:36:39.171		348.8		5.95		TAS				m_e	
GTTG	71.03		pP	06:36:27.647	0.1	348.8		5.95		TAS				m_e	
KAST	71.16		pP	06:36:28.382	0.1	348.8		5.95		TAS				m_e	
MOX	72.13		P	06:36:27.807		351.2		5.77		TAS		10.5	0.81	m_e	mb 5.0
MOX	72.13		pP	06:36:34.211	0.2	348.8		5.95		TAS				m_e	
NEUB	71.61		pP	06:36:30.641	-0.2	348.8		5.95		TAS				m_e	
TANN	72.45		P	06:36:29.743		351.2		5.77		TAS		4.6	0.87	m_e	mb 4.6
TANN	72.45		pP	06:36:36.127		348.8		5.95		TAS				m_e	
TNS	72.12		pP	06:36:34.358	-0.0	348.8		5.95		TAS				m_e	
UBR	74.84		P	06:36:44.594		351.2		5.77		TAS		5.3	0.81	m_e	mb 4.6
UBR	74.84		pP	06:36:50.171		348.8		5.95		TAS				m_e	

Event 20203006 Northern Peru

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/03	15:59:12.86			-3.0300	-73.8300				121.6	3.6		27		85.84	90.94	m i ke	BGR
OrigID 20203012																	

Magnitude	Err	Nsta	Author	OrigID
mb	6.2		BGR	20203012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	86.57		P	16:11:42.500	0.2	264.3		4.72		TAS		215.9	1.04	a_e mb	6.2
ASSE	89.01		P	16:11:54.050	0.2	264.3		4.72		TAS		522.1	1.80	a_e mb	6.5
BFO	87.06		P	16:11:44.100	-0.5	264.3		4.72		TAS		128.8	1.36	a_e mb	5.9
BRG	90.94		P	16:12:02.900	-0.3	264.3		4.72		TAS		184.9	1.45	a_e mb	6.2
BSEG	88.99		P	16:11:53.650	0.2	264.3		4.72		TAS		161.4	1.03	a_e mb	6.2
BUG	86.83		P	16:11:43.350	-0.1	264.3		4.72		TAS		368.2	1.30	a_e mb	6.3
CLL	90.38		P	16:12:00.150	-0.3	264.3		4.72		TAS		80.5	1.03	a_e mb	5.9
CLZ	88.79		P	16:11:52.950	0.0	264.3		4.72		TAS		204.2	1.33	m_e mb	6.2
CLZ	88.79		pP	16:12:24.942		266.5		4.66		TAS				m_e	
FLT1	89.37		P	16:11:55.100	0.2	264.3		4.72		TAS		162.9	1.24	a_e mb	6.1
FUR	89.00		P	16:11:53.700	-0.1	264.3		4.72		TAS		144.3	1.17	a_e mb	6.1
GEC2	90.66		P	16:12:01.250	0.2	264.3		4.72		TAS		174.1	1.56	a_e mb	6.2
GOR1	89.48		P	16:11:56.100	0.0	264.3		4.72		TAS		672.3	1.91	a_e mb	6.5
GRA1	89.11		P	16:11:54.450	-0.4	264.3		4.72		TAS		130.6	1.28	a_e mb	6.0
GRA1	89.11		pP	16:12:26.511		266.5		4.66		TAS				m_e	
GTTG	88.51		P	16:11:51.500	0.2	264.3		4.72		TAS		175.7	1.17	a_e mb	6.3
HLG	87.60		P	16:11:47.250	0.1	264.3		4.72		TAS		394.6	1.04	a_e mb	6.7
IBBN	87.25		P	16:11:45.350	-0.2	264.3		4.72		TAS		510.3	1.41	a_e mb	6.5
KAST	87.50		P	16:11:46.450	-0.2	264.3		4.72		TAS		125.2	1.15	a_e mb	5.9
KAST	87.50		pP	16:12:17.265		266.5		4.66		TAS				m_e	
MOX	89.45		P	16:11:56.050	0.1	264.3		4.72		TAS		177.6	1.57	a_e mb	6.0
NEUB	89.60		P	16:11:56.600	0.1	264.3		4.72		TAS		389.8	1.71	a_e mb	6.4
PLN	89.78		P	16:11:57.550	0.3	264.3		4.72		TAS		105.9	1.63	a_e mb	5.8
RGN	90.80		P	16:12:02.450	0.0	264.3		4.72		TAS		736.0	1.22	a_e mb	6.9
RGN	90.80		pP	16:12:33.048		266.5		4.66		TAS				m_e	
RUE	90.94		P	16:12:02.600		264.3		4.72		TAS		130.8	1.04	a_e mb	6.2
STU	87.69		P	16:11:47.300	-0.2	264.3		4.72		TAS		285.3	0.90	a_e mb	6.6
TANN	89.97		P	16:11:58.650	-0.1	264.3		4.72		TAS		183.6	1.25	a_e mb	6.2
TANN	89.97		pP	16:12:29.110		266.5		4.66		TAS				m_e	
TNS	87.39		P	16:11:46.200	0.1	264.3		4.72		TAS		185.3	1.17	a_e mb	6.1
UBR	88.16		P	16:11:50.100	0.3	264.3		4.72		TAS		253.5	1.20	a_e mb	6.4
WLF	85.84		P	16:11:39.000	0.2	264.3		4.72		TAS		349.1	1.15	a_e mb	6.4
WLF	85.84		pP	16:12:10.840		266.5		4.66		TAS				m_e	

Event 20203007 Southeastern Afghanistan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/03	16:29:53.01			34.5330	65.2460				33.0			17		40.20	45.19	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	20203013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	44.55		P	16:38:00.855		90.2		8.17		TAS		10.8	0.77	m_e mb	4.8
BFO	43.84		P	16:37:54.101		90.2		8.17		TAS		5.1	0.73	m_e mb	4.3
BRG	40.20		P	16:37:24.926	-0.0	90.2		8.17		TAS		11.7	0.81	m_e mb	4.6
BSEG	42.62		P	16:37:44.142	-0.4	90.2		8.17		TAS		13.2	0.85	m_e mb	4.7
BUG	44.41		P	16:37:58.849		90.2		8.17		TAS		21.9	1.03	m_e mb	4.8
CLL	40.82		P	16:37:29.357	-0.2	90.2		8.17		TAS		9.3	0.85	m_e mb	4.5
CLZ	42.48		P	16:37:43.355	-0.1	90.2		8.17		TAS		9.4	0.77	m_e mb	4.6
FLT1	41.97		P	16:37:38.550	-0.2	90.2		8.17		TAS		25.6	0.79	m_e mb	5.0
GEC2	40.27		P	16:37:25.657	0.1	90.2		8.17		TAS		5.4	0.83	m_e mb	4.2
GRA1	41.90		P	16:37:39.867	0.2	90.2		8.17		TAS		23.2	0.84	m_e mb	4.9
GTTG	42.72		P	16:37:45.658	0.3	90.2		8.17		TAS		17.8	0.78	m_e mb	4.9
IBBN	44.10		P	16:37:56.404		90.2		8.17		TAS		20.3	0.86	m_e mb	4.9
KAST	43.69		P	16:37:53.313		90.2		8.17		TAS		4.0	0.80	m_e mb	4.2
MOX	41.66		P	16:37:37.193	0.6	90.2		8.17		TAS		15.3	0.94	m_e mb	4.7
NEUB	41.58		P	16:37:36.070		90.2		8.17		TAS		20.0	0.78	m_e mb	4.9
STU	43.25		P	16:37:50.419		90.2		8.17		TAS		47.9	0.85	m_e mb	5.2
TANN	41.12		P	16:37:32.358	0.8	90.2		8.17		TAS		4.7	0.78	m_e mb	4.3
TNS	43.69		P	16:37:54.046		90.2		8.17		TAS		6.9	0.82	m_e mb	4.4
UBR	42.69		P	16:37:45.066		90.2		8.17		TAS		8.3	0.73	m_e mb	4.6
WLF	45.19		P	16:38:06.227		90.2		8.17		TAS		19.4	0.96	m_e mb	5.0

Event 20203008 Hindu Kush, Afghanistan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/03	19:31:28.54			35.4210	69.9530				200.0			16		42.61	47.68	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	20203014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	46.98		P	19:39:37.875		85.7		7.92		TAS		7.2	0.94	m_e mb	4.8
BFO	46.44		P	19:39:33.337		85.7		7.92		TAS		4.2	0.99	m_e mb	4.4
BRG	42.61		P	19:39:03.336	-0.0	85.7		7.92		TAS		12.6	1.05	m_e mb	4.6

BSEG	44.78	P	19:39:19.952	-0.1	85.7	7.92	TAS	14.5	0.95	m_e	mb	4.9
CLL	43.19	P	19:39:07.364	-0.1	85.7	7.92	TAS	6.7	0.99	m_e	mb	4.3
CLZ	44.81	P	19:39:20.378	-0.1	85.7	7.92	TAS	7.8	0.92	m_e	mb	4.6
FLT1	44.26	P	19:39:15.568	-0.0	85.7	7.92	TAS	16.9	0.91	m_e	mb	4.8
GEC2	42.85	P	19:39:05.310	-0.5	85.7	7.92	TAS	2.3	0.85	m_e	mb	3.9
GRA1	44.41	P	19:39:18.382	0.5	85.7	7.92	TAS	6.4	0.95	m_e	mb	4.3
GTTG	45.08	P	19:39:22.862		85.7	7.92	TAS	14.4	1.00	m_e	mb	4.9
MOX	44.09	P	19:39:15.066	-0.2	85.7	7.92	TAS	5.7	0.99	m_e	mb	4.3
STU	45.82	P	19:39:29.272		85.7	7.92	TAS	19.6	0.74	m_e	mb	5.2
TANN	43.57	P	19:39:11.043	-0.5	85.7	7.92	TAS	3.8	0.94	m_e	mb	4.1
TNS	46.14	P	19:39:31.335		85.7	7.92	TAS	4.6	0.88	m_e	mb	4.5
UBR	45.35	P	19:39:24.801		85.7	7.92	TAS	5.6	0.81	m_e	mb	4.5
WLF	47.68	P	19:39:43.568		85.7	7.92	TAS	10.8	0.89	m_e	mb	5.0

Event 20204001 Alaska Peninsula, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/03	23:53:35.86			54.8100	-162.2900				39.1	1.9		25		71.32	77.55	m i ke	BGR
OrigID 20204007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	20204007
MBB	5.8		BGR	20204007
Ms	4.6		BGR	20204007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	74.51		P	00:05:11.405	0.0	356.3		5.79		TAS		48.8	1.29	a_e	MBB 5.8
ASSE	73.14		P	00:05:03.355	-0.3	356.3		5.79		TAS		135.1	1.77	a_e	MBB 5.9
ASSE	73.14		pP	00:05:14.639	0.1	356.0		5.75		TAS				m_e	
BFO	76.80		P	00:05:24.305		356.3		5.79		TAS		107.6	1.86	a_e	MBB 5.9
BFO	76.80		pP	00:05:35.492		356.0		5.75		TAS				m_e	
BRG	74.51		P	00:05:11.255	0.1	356.3		5.79		TAS		85.3	1.56	a_e	MBB 5.7
BRG	74.51		pP	00:05:22.426		356.0		5.75		TAS				m_e	
BSEG	71.32		P	00:04:52.705	0.0	356.3		5.79		TAS		133.0	1.64	a_e	MBB 5.8
BUG	73.63		P	00:05:05.905	-0.1	356.3		5.79		TAS		52.0	1.06	a_e	MBB 5.8
BUG	73.63		pP	00:05:17.131	0.1	356.0		5.75		TAS				m_e	
CLL	74.05		P	00:05:08.305	-0.0	356.3		5.79		TAS		133.9	1.84	m_e	MBB 5.6
CLZ	73.41		P	00:05:05.355	-0.3	356.3		5.79		TAS		188.8	1.66	a_e	MBB 5.9
CLZ	73.41		pP	00:05:16.540	-0.1	356.0		5.75		TAS				m_e	
FLT1	72.96		P	00:05:01.805	0.3	356.3		5.79		TAS		161.8	1.80	a_e	MBB 5.8
FLT1	72.96		pP	00:05:13.105	-0.1	356.0		5.75		TAS				m_e	
FUR	77.12		P	00:05:26.455		356.3		5.79		TAS		185.2	1.73	a_e	MBB 6.0
GEC2	76.53		P	00:05:23.055	-0.0	356.3		5.79		TAS		83.9	1.72	a_e	MBB 5.6
GEC2	76.53		pP	00:05:34.200		356.0		5.75		TAS				m_e	
GOR1	72.31		P	00:04:58.755	0.0	356.3		5.79		TAS		77.6	1.40	a_e	MBB 6.0
GRA1	75.60		P	00:05:17.955	-0.3	356.3		5.79		TAS		175.1	1.88	a_e	MBB 5.9

GRA1	75.60	pP	00:05:28.585		356.0		5.75	TAS									m_e	
GRA1	75.60	L	00:42:24.018					T__	298.4	20.80	a_e	Ms					4.6	
GTTG	73.69	P	00:05:06.855	0.0	356.3		5.79	TAS	64.6	1.12	a_e	MBB					5.8	
GTTG	73.69	pP	00:05:18.046	-0.2	356.0		5.75	TAS									m_e	
IBBN	72.80	P	00:05:01.455	0.4	356.3		5.79	TAS	103.1	1.34	a_e	MBB					6.0	
KAST	73.94	P	00:05:08.055	0.1	356.3		5.79	TAS	77.8	1.65	a_e	MBB					5.6	
KAST	73.94	pP	00:05:19.292	-0.1	356.0		5.75	TAS									m_e	
MOX	74.66	P	00:05:12.305	0.3	356.3		5.79	TAS	121.4	1.51	a_e	MBB					5.8	
MOX	74.66	pP	00:05:23.456		356.0		5.75	TAS									m_e	
MOX	74.66	L	00:48:58.447					T__	360.6	19.00	a_e	Ms					4.7	
NEUB	74.12	P	00:05:09.005	0.1	356.3		5.79	TAS	117.0	1.40	a_e	MBB					5.9	
PLN	74.84	P	00:05:13.305	0.3	356.3		5.79	TAS	32.7	1.85	a_e	MBB					5.2	
PLN	74.84	pP	00:05:24.292		356.0		5.75	TAS									m_e	
RUE	72.90	P	00:05:02.005	-0.1	356.3		5.79	TAS	180.5	1.57	a_e	MBB					6.0	
RUE	72.90	pP	00:05:13.367	-0.2	356.0		5.75	TAS									m_e	
STU	76.41	P	00:05:22.155	-0.2	356.3		5.79	TAS	54.4	0.85	a_e	MBB					6.2	
STU	76.41	pP	00:05:33.530		356.0		5.75	TAS									m_e	
TANN	74.92	P	00:05:14.005	0.3	356.3		5.79	TAS	49.7	1.40	a_e	MBB					5.7	
TNS	74.92	P	00:05:13.755	0.1	356.3		5.79	TAS	52.4	1.32	a_e	MBB					5.8	
UBR	77.55	P	00:05:28.755		356.3		5.79	TAS	42.1	1.34	a_e	MBB					5.7	
WLF	75.32	P	00:05:16.255	-0.2	356.3		5.79	TAS	44.5	1.08	a_e	MBB					5.8	

Event 20204003 Jawa, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/04	10:10:46.80			-7.2700	105.9800				44.0					98.60	98.60	m i ke	NEIC
OrigID 20204098																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	98.60		PP	10:28:22.064		91.1		7.36		TAS					m_e

Event 20205001 Afghanistan-Tajikistan border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/05	04:16:01.39			36.1200	71.1000				229.7	5.1		29		42.90	47.99	m i ke	BGR
OrigID 20205007																	

Magnitude Err Nsta Author OrigID

mb	5.9		BGR	20205007
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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AHRW	47.27	P	04:24:11.999	-0.0	85.4	7.83	TAS	135.3	0.78	m_e	mb	6.1
ASSE	44.86	P	04:23:52.838	-0.2	85.4	7.83	TAS	44.6	1.00	m_e	mb	5.3
BFO	46.79	P	04:24:07.468	-0.4	85.4	7.83	TAS	40.3	0.84	m_e	mb	5.6
BRG	42.90	P	04:23:37.506	-0.2	85.4	7.83	TAS	231.1	1.04	m_e	mb	5.8
BSEG	44.98	P	04:23:54.193	0.7	85.4	7.83	TAS	343.2	1.08	m_e	mb	6.2
BUG	47.03	P	04:24:09.638	-0.5	85.4	7.83	TAS	192.9	0.98	m_e	mb	6.2
CLL	43.47	P	04:23:41.533	-0.7	85.4	7.83	TAS	123.6	1.01	m_e	mb	5.6
CLZ	45.07	P	04:23:54.728	0.0	85.4	7.83	TAS	302.9	1.14	m_e	mb	6.1
FLT1	44.51	P	04:23:49.602	-0.6	85.4	7.83	TAS	553.4	1.15	m_e	mb	6.4
FUR	44.87	P	04:23:53.218	0.6	85.4	7.83	TAS	296.0	1.14	m_e	mb	6.1
GEC2	43.19	P	04:23:39.681	-0.0	85.4	7.83	TAS	86.4	1.20	m_e	mb	5.4
GOR1	44.43	P	04:23:50.030	0.5	85.4	7.83	TAS	394.0	1.18	m_e	mb	6.0
GRA1	44.73	P	04:23:52.936	1.0	85.4	7.83	TAS	293.8	1.34	m_e	mb	6.0
GRZ1	44.00	pP	04:24:36.043		88.1	7.49	TAS			m_e		
GTTG	45.35	P	04:23:57.082	0.1	85.4	7.83	TAS	387.1	1.10	m_e	mb	6.2
IBBN	46.63	P	04:24:06.854	-0.0	85.4	7.83	TAS	528.8	1.24	m_e	mb	6.5
KAST	46.35	P	04:24:04.363	-0.4	85.4	7.83	TAS	24.8	0.91	m_e	mb	5.2
MOX	44.39	P	04:23:49.309	-0.1	85.4	7.83	TAS	128.7	1.07	m_e	mb	5.6
NEUB	44.25	P	04:23:48.013	-0.3	85.4	7.83	TAS	325.2	1.09	m_e	mb	6.0
PLN	44.06	P	04:23:46.844	0.1	85.4	7.83	TAS	39.7	1.07	m_e	mb	5.1
PLN	44.06	pP	04:24:36.941		88.1	7.49	TAS			m_e		
RGN	43.21	P	04:23:40.017	0.7	85.4	7.83	TAS	804.2	1.01	m_e	mb	6.4
RUE	42.94	P	04:23:37.399	-0.6	85.4	7.83	TAS	285.3	0.99	m_e	mb	6.0
STU	46.16	P	04:24:03.253	0.2	85.4	7.83	TAS	317.8	0.91	m_e	mb	6.3
TANN	43.87	P	04:23:45.317	-0.0	85.4	7.83	TAS	106.2	1.06	m_e	mb	5.5
TAUT	44.30	pP	04:24:38.881		88.1	7.49	TAS			m_e		
TNS	46.44	P	04:24:05.450	-0.1	85.4	7.83	TAS	93.7	0.92	m_e	mb	5.8
UBR	45.72	P	04:23:59.268	0.2	85.4	7.83	TAS	140.9	0.97	m_e	mb	6.0
WLF	47.99	P	04:24:17.824	0.2	85.4	7.83	TAS	290.9	1.09	m_e	mb	6.3
WLF	47.99	pP	04:25:05.994		88.1	7.49	TAS			m_e		

Event 20205002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/05	05:19:01.69	0.46	0.62	51.5610	16.2100	6.7	3.3	10	1.0			15	202	0.72	3.68	m i ki	BGR
20205008																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.2		BGR	20205008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.58		Sg	05:19:51.038	-0.9					T__				m_e	
BRG	1.58		Pn	05:19:29.056	-0.9					T__				m_e	ML 4.0
CLL	2.02		Sg	05:20:05.069	-0.9					T__				m_e	
CLL	2.02		Pn	05:19:35.178	-0.8					T__				m_e	ML 4.0
CLZ	3.64		Pn	05:19:59.036	1.3					T__				m_e	ML 4.2

DPC	1.21	Pn	05:19:24.127	-0.9	T__	m_e ML	4.2
GEC2	3.16	Pn	05:19:51.656	0.4	T__	m_e ML	4.4
GRA1	3.68	Sg	05:20:58.622	-0.1	T__	m_e	
GRA1	3.68	Pn	05:19:59.130	0.8	T__	m_e ML	4.7
KSP	0.72	Sg	05:19:24.675	0.0	T__	m_e	
KSP	0.72	Pg	05:19:15.362	0.1	T__	m_e ML	3.6
MANZ	3.04	Sg	05:20:39.341	1.0	T__	m_e	
MANZ	3.04	Pn	05:19:50.065	0.4	T__	m_e ML	4.3
MORC	1.98	Pn	05:19:35.754	0.4	T__	m_e ML	4.4
MOX	3.03	Sg	05:20:38.343	0.2	T__	m_e	
MOX	3.03	Pn	05:19:49.591	-0.0	T__	m_e ML	4.4
OJC	2.64	Pn	05:19:43.765	-0.5	T__	m_e ML	4.3
OKC	2.12	Pn	05:19:37.201	-15.2	T__	m_e ML	3.9
ROTZ	3.11	Pn	05:19:50.792	0.1	T__	m_e ML	4.1
TANN	2.63	Pn	05:19:44.292	0.1	T__	m_e ML	4.4
WERD	2.70	Pn	05:19:45.240	0.1	T__	m_e ML	3.8

Event 20205005 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/05	21:11:33.20			45.4770	16.2320				10.0					1.56	5.62	m i ke	BEO
OrigID 20205098																	

Magnitude Err Nsta Author OrigID
 ML 3.2 BGR 20205098

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	1.84		Pn	21:12:04.586	0.2					T__				m_e ML	2.9
DAVA	4.75		Pn	21:12:45.602	0.1					T__				m_e	
EMING	5.62		Pn	21:12:56.239	-1.0					T__				m_e	
FETA	4.12		Pn	21:12:37.954	1.1					T__				m_e ML	3.2
GEC2	3.78		Sn	21:13:15.622	-0.0					T__				m_e	
GEC2	3.78		Pn	21:12:31.816	0.7					T__				m_e ML	3.3
GUNZ	5.54		Sn	21:13:57.896	1.1					T__				m_e	
KBA	2.56		Pn	21:12:15.104	-0.6					T__				m_e ML	2.9
LESA	3.13		Sn	21:13:02.697	0.4					T__				m_e	
LESA	3.13		Pn	21:12:23.110	-0.3					T__				m_e ML	3.2
MOA	2.73		Sn	21:12:50.826	-0.5					T__				m_e	
MOA	2.73		Pn	21:12:17.725	0.6					T__				m_e ML	3.3
MOTA	4.01		Pn	21:12:35.469	0.1					T__				m_e ML	3.3
NKC	5.39		Sn	21:13:53.758	0.5					T__				m_e	
OBKA	1.56		Pn	21:12:00.599	-1.6					T__				m_e	
RETA	4.28		Pn	21:12:38.815	-0.2					T__				m_e ML	3.3
RJOB	3.27		Sn	21:13:06.108	0.9					T__				m_e	
RJOB	3.27		Pn	21:12:25.460	0.3					T__				m_e ML	2.9
ROTZ	5.08		Sn	21:13:44.434	-1.9					T__				m_e	

SQTA	3.89	Pn	21:12:34.307	0.5	T__	m_e	ML	3.3
WERN	5.46	Sn	21:13:54.609	-0.3	T__	m_e		
WTTA	3.65	Pn	21:12:30.554	0.0	T__	m_e	ML	3.3
ZUGS	4.12	Pn	21:12:36.939	0.1	T__	m_e	ML	3.4

Event 20205004 Sakhalin Island, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/05	21:18:55.29			53.0600	142.8400				19.1			29		66.20	72.19	m i ke	BGR
OrigID 20205010																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	20205010
Ms	5.0		BGR	20205010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	70.14		P	21:30:07.586	0.6	29.2		6.21		TAS		53.7	0.99	m_e	mb	5.6
ASSE	67.68		P	21:29:52.271	-0.3	29.2		6.21		TAS		33.7	1.06	m_e	mb	5.5
BFO	71.74		P	21:30:16.874		29.2		6.21		TAS		31.9	0.94	m_e	mb	5.4
BRG	67.76		P	21:29:52.413	-0.1	29.2		6.21		TAS		22.9	1.06	m_e	mb	5.3
BSEG	66.20		P	21:29:43.196	-0.1	29.2		6.21		TAS		33.5	0.91	m_e	mb	5.6
BUG	69.28		P	21:30:01.985	-0.1	29.2		6.21		TAS		32.0	0.81	m_e	mb	5.6
CLL	67.69		P	21:29:51.917	0.4	29.2		6.21		TAS		73.8	0.88	m_e	mb	5.9
CLZ	68.02		P	21:29:54.823	0.3	29.2		6.21		TAS		54.9	0.90	m_e	mb	5.8
DAVA	72.19		P	21:30:19.841		29.2		6.21		TAS		42.4	0.86	m_e	mb	5.6
FLT1	67.34		P	21:29:49.506	0.0	29.2		6.21		TAS		36.7	0.87	m_e	mb	5.6
FUR	70.98		P	21:30:12.762	-0.4	29.2		6.21		TAS		51.5	0.91	m_e	mb	5.7
GEC2	69.60		P	21:30:04.112	0.1	29.2		6.21		TAS		11.7	0.90	m_e	mb	5.0
GOR1	66.74		P	21:29:46.741	-0.3	29.2		6.21		TAS		50.6	1.08	m_e	mb	5.7
GRA1	69.65		P	21:30:04.821	0.1	29.2		6.21		TAS		60.6	0.88	m_e	mb	5.7
GRA1	69.65		pP	21:30:10.223						T__				m_e		
GRA1	69.65		L	22:04:02.806						T__		780.7	19.40	a_e	Ms	5.0
GTTG	68.40		P	21:29:57.021	-0.0	29.2		6.21		TAS		25.3	0.88	m_e	mb	5.5
IBBN	68.37		P	21:29:56.383	0.0	29.2		6.21		TAS		54.6	0.96	m_e	mb	5.8
KAST	69.16		P	21:30:01.630	0.3	29.2		6.21		TAS		24.7	0.88	m_e	mb	5.5
LUEB	68.11		P	21:29:54.753	0.1	29.2		6.21		TAS				m_e		
MOX	68.69		P	21:29:58.510	0.1	29.2		6.21		TAS		25.3	0.94	m_e	mb	5.4
MOX	68.69		L	22:03:33.448						T__		788.9	18.20	a_e	Ms	5.0
NEUB	68.17		P	21:29:54.965	0.0	29.2		6.21		TAS		53.3	0.90	m_e	mb	5.8
OBKA	71.34		P	21:30:14.930		29.2		6.21		TAS		27.8	0.96	m_e	mb	5.4
PLN	68.67		P	21:29:58.346	-0.1	29.2		6.21		TAS		11.6	0.96	m_e	mb	5.1
RUE	66.44		P	21:29:44.330	0.3	29.2		6.21		TAS		73.0	0.89	m_e	mb	5.9
STU	71.09		P	21:30:12.974	0.1	29.2		6.21		TAS		58.5	0.98	m_e	mb	5.7
TANN	68.63		P	21:29:58.156	0.2	29.2		6.21		TAS		21.3	1.17	m_e	mb	5.3
TNS	70.02		P	21:30:06.735	-0.5	29.2		6.21		TAS		35.1	0.99	m_e	mb	5.5
UBR	71.78		P	21:30:17.229		29.2		6.21		TAS		17.2	0.89	m_e	mb	5.2

WLF	71.18	P	21:30:14.605	29.2	6.21	TAS	12.7	0.80	m_e	mb	5.1
WTTA	71.65	P	21:30:17.253	29.2	6.21	TAS	68.8	0.82	m_e	mb	5.8

Event 20206001 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/06	00:42:21.42			-22.2430	-176.9670				178.0	2.7		4		147.79	153.91	m i ke	BGR
OrigID 20206007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	151.49		PKPbc	01:01:54.040	0.2	16.2		2.37		TAS					m_e
ASSE	149.50		PKPbc	01:01:48.911	-0.1	16.2		2.37		TAS					m_e
BFO	153.54		PKPbc	01:01:58.136	-0.3	16.2		2.37		TAS					m_e
BFO	153.54		PKPab	01:02:10.492		14.9		4.15		TAS					m_e
BRG	150.10		PKPbc	01:01:50.606	-0.3	16.2		2.37		TAS					m_e
BRG	150.10		PKPab	01:01:56.646		14.9		4.15		TAS					m_e
BSEG	147.79		PKPbc	01:01:44.765	-0.2	16.2		2.37		TAS					m_e
BUG	150.58		PKPbc	01:01:51.743	0.3	16.2		2.37		TAS					m_e
CLL	149.89		PKPbc	01:01:49.849	0.2	16.2		2.37		TAS					m_e
CLL	149.89		PKPab	01:01:55.321		14.9		4.15		TAS					m_e
CLL	149.89		pPKPbc	01:02:36.026		23.9		2.71		TAS					m_e
CLZ	149.83		PKPbc	01:01:49.891	-0.0	16.2		2.37		TAS					m_e
FLT1	149.22		PKPbc	01:01:48.032	-0.1	16.2		2.37		TAS					m_e
FLT1	149.22		pPKPbc	01:02:33.983	-0.4	23.9		2.71		TAS					m_e
FUR	153.22		PKPbc	01:01:57.698	-0.5	16.2		2.37		TAS					m_e
FUR	153.22		PKPab	01:02:09.680		14.9		4.15		TAS					m_e
GEC2	152.05		PKPbc	01:01:54.903	0.4	16.2		2.37		TAS					m_e
GEC2	152.05		PKPab	01:02:04.279		14.9		4.15		TAS					m_e
GEC2	152.05		pPKPbc	01:02:40.843		23.9		2.71		TAS					m_e
GRA1	151.77		PKPbc	01:01:54.744	-0.2	16.2		2.37		TAS					m_e
GRA1	151.77		PKPab	01:02:03.740		14.9		4.15		TAS					m_e
GTTG	150.17		PKPbc	01:01:50.278	0.2	16.2		2.37		TAS					m_e
GTTG	150.17		PKPab	01:01:56.887		14.9		4.15		TAS					m_e
IBBN	149.68		PKPbc	01:01:49.538	0.1	16.2		2.37		TAS					m_e
IBBN	149.68		PKPab	01:01:54.549	-0.5	14.9		4.15		TAS					m_e
KAST	150.70		PKPbc	01:01:52.291	0.2	16.2		2.37		TAS					m_e
MOX	150.78		PKPbc	01:01:52.226	-0.0	16.2		2.37		TAS					m_e
NEUB	150.23		PKPbc	01:01:50.909	-0.1	16.2		2.37		TAS					m_e
PLN	150.84		PKPbc	01:01:52.107	0.4	16.2		2.37		TAS					m_e
PLN	150.84		pPKPbc	01:02:39.002		23.9		2.71		TAS					m_e
RUE	148.63		PKPbc	01:01:46.814	-0.3	16.2		2.37		TAS					m_e
STU	152.99		PKPbc	01:01:57.316	-0.1	16.2		2.37		TAS					m_e
STU	152.99		PKPab	01:02:08.108		14.9		4.15		TAS					m_e
TANN	150.84		PKPbc	01:01:52.548	0.1	16.2		2.37		TAS					m_e

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TNS	151.66	PKPbc	01:01:54.384	0.4	16.2	2.37	TAS	m_e
TNS	151.66	PKPab	01:02:02.862		14.9	4.15	TAS	m_e
UBR	153.91	PKPbc	01:01:59.052		16.2	2.37	TAS	m_e
WLF	152.43	PKPbc	01:01:56.699	0.0	16.2	2.37	TAS	m_e

Event 20206007 Central Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
OrigID																	
2022/02/06	07:22:39.86			63.6980	-149.8040				64.0	4.8		24		61.57	67.97	m i ke	BGR
20206013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	20206013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	64.55		P	07:33:08.275	0.2	350.9		6.45		TAS		25.9	1.00	m_e mb	5.4
BFO	66.87		P	07:33:23.386		350.9		6.45		TAS		24.9	1.18	a_e mb	5.3
BFO	66.87		pP	07:33:40.942	-0.6	351.8		6.47		TAS				m_e	
BRG	64.94		P	07:33:11.036	0.4	350.9		6.45		TAS		25.7	0.89	a_e mb	5.5
BSEG	61.57		P	07:32:49.431	0.1	350.9		6.45		TAS		37.2	0.84	m_e mb	5.7
BUG	63.69		P	07:33:02.536	-0.2	350.9		6.45		TAS		51.6	0.83	m_e mb	5.8
CLL	64.43		P	07:33:07.336	-0.1	350.9		6.45		TAS		21.4	0.97	a_e mb	5.3
CLL	64.43		pP	07:33:25.057	-0.6	351.8		6.47		TAS				m_e	
CLZ	63.64		P	07:33:02.936	-0.5	350.9		6.45		TAS		53.0	0.90	a_e mb	5.8
FLT1	63.25		P	07:33:00.396	0.2	350.9		6.45		TAS		20.9	0.84	m_e mb	5.3
FLT1	63.25		pP	07:33:16.506	-0.6	351.8		6.47		TAS				m_e	
FUR	67.37		P	07:33:26.636		350.9		6.45		TAS		46.7	0.75	a_e mb	5.8
GEC2	66.93		P	07:33:24.086		350.9		6.45		TAS		23.8	1.03	a_e mb	5.4
GRA1	65.85		P	07:33:17.186	-0.1	350.9		6.45		TAS		33.3	1.18	a_e mb	5.5
GTTG	63.89		P	07:33:04.586	-0.1	350.9		6.45		TAS		66.1	1.07	a_e mb	5.8
GTTG	63.89		pP	07:33:21.885	-0.6	351.8		6.47		TAS				m_e	
IBBN	62.90		P	07:32:58.633	-0.4	350.9		6.45		TAS		71.3	0.96	m_e mb	5.8
KAST	64.06		P	07:33:05.236	-0.1	350.9		6.45		TAS		14.5	0.87	a_e mb	5.2
MOA	67.97		P	07:33:31.186		350.9		6.45		TAS		52.0	1.62	m_e mb	5.5
MOX	64.95		P	07:33:11.136	0.1	350.9		6.45		TAS		37.3	0.85	m_e mb	5.6
NEUB	64.42		P	07:33:07.536	-0.1	350.9		6.45		TAS		37.0	0.89	a_e mb	5.6
PLN	65.16		P	07:33:12.486	-0.1	350.9		6.45		TAS		8.6	0.84	a_e mb	5.0
RUE	63.34		P	07:33:00.686	-0.2	350.9		6.45		TAS		76.5	1.04	a_e mb	5.8
STU	66.54		P	07:33:21.336	0.6	350.9		6.45		TAS		40.4	0.97	a_e mb	5.6
TANN	65.26		P	07:33:13.386	0.1	350.9		6.45		TAS		18.0	0.99	a_e mb	5.3
TNS	65.03		P	07:33:11.536	-0.1	350.9		6.45		TAS		20.2	0.93	a_e mb	5.3
UBR	67.72		P	07:33:28.936		350.9		6.45		TAS		31.6	1.12	a_e mb	5.5
UBR	67.72		pP	07:33:46.012	-0.6	351.8		6.47		TAS				m_e	
WLF	65.29		P	07:33:13.586	-0.2	350.9		6.45		TAS		42.1	0.96	a_e mb	5.6

Event 20206004 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/06	07:42:19.50			-31.6300	179.7500				421.0			11		156.38	162.03	m i ke	EMSC
OrigID 20206036																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	162.03		PKPab	08:02:20.896		30.8		4.48		TAS					m_e
BRG	158.03		PKPab	08:02:02.605		30.8		4.48		TAS					m_e
BSEG	156.38		PKPab	08:01:56.279	0.1	30.8		4.48		TAS					m_e
CLL	157.99		PKPab	08:02:02.494		30.8		4.48		TAS					m_e
FLT1	157.61		PKPab	08:02:01.120	0.2	30.8		4.48		TAS					m_e
FUR	161.25		PKPab	08:02:17.243		30.8		4.48		TAS					m_e
GEC2	159.79		PKPab	08:02:10.341		30.8		4.48		TAS					m_e
GTTG	158.66		PKPab	08:02:06.187	0.1	30.8		4.48		TAS					m_e
MOX	159.00		PKPab	08:02:07.093		30.8		4.48		TAS					m_e
PLN	158.97		PKPab	08:02:07.279		30.8		4.48		TAS					m_e
TANN	158.93		PKPab	08:02:06.936		30.8		4.48		TAS					m_e

Event 20207002 Kermadec Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/07	06:01:20.70			-31.5700	179.9500				360.0			17		156.37	162.02	m i ke	NEIC
OrigID 20207097																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	162.02		PKPab	06:21:28.219		29.2		4.39		TAS					m_e
BRG	158.05		PKPab	06:21:10.774	-0.7	29.2		4.39		TAS					m_e
BSEG	156.37		PKPab	06:21:03.646	-0.2	29.2		4.39		TAS					m_e
CLL	157.99		PKPab	06:21:10.437	0.0	29.2		4.39		TAS					m_e
CLZ	158.28		PKPab	06:21:11.984	0.2	29.2		4.39		TAS					m_e
FLT1	157.61		PKPab	06:21:08.622	0.1	29.2		4.39		TAS					m_e
GEC2	159.81		PKPab	06:21:18.506		29.2		4.39		TAS					m_e
GRA1	159.96		PKPab	06:21:19.784		29.2		4.39		TAS					m_e
GTTG	158.65		PKPab	06:21:13.710	0.3	29.2		4.39		TAS					m_e
IBBN	158.43		PKPab	06:21:12.589	-0.4	29.2		4.39		TAS					m_e
KAST	159.34		PKPab	06:21:16.187	-0.1	29.2		4.39		TAS					m_e
MOX	159.00		PKPab	06:21:15.144	0.0	29.2		4.39		TAS					m_e
NEUB	158.47		PKPab	06:21:12.669	0.6	29.2		4.39		TAS					m_e
PLN	158.97		PKPab	06:21:15.144		29.2		4.39		TAS					m_e

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TANN	158.94	PKPab	06:21:15.010	29.2	4.39	TAS	m_e
TNS	160.24	PKPab	06:21:20.523	29.2	4.39	TAS	m_e
WLF	161.26	PKPab	06:21:25.243	29.2	4.39	TAS	m_e

Event 20208001 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/08	08:22:27.13			-23.0710	-174.3720				33.0			15		148.89	152.08	m i ke	BGR
20208007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	150.65		PKPbc	08:42:16.182	-0.2	11.4		2.28		TAS				m_e	
BRG	151.42		PKPbc	08:42:17.949		11.4		2.28		TAS				m_e	
BSEG	148.89		PKPbc	08:42:12.177	-0.0	11.4		2.28		TAS				m_e	
BUG	151.56		PKPbc	08:42:18.373	0.1	11.4		2.28		TAS				m_e	
CLL	151.16		PKPbc	08:42:17.081	-0.1	11.4		2.28		TAS				m_e	
CLZ	150.96		PKPbc	08:42:17.081	-0.3	11.4		2.28		TAS				m_e	
FLT1	150.39		PKPbc	08:42:15.201	0.2	11.4		2.28		TAS				m_e	
GOR1	149.73		PKPbc	08:42:14.466	0.0	11.4		2.28		TAS				m_e	
GTTG	151.29		PKPbc	08:42:17.898	-0.0	11.4		2.28		TAS				m_e	
IBBN	150.68		PKPbc	08:42:16.494	0.2	11.4		2.28		TAS				m_e	
KAST	151.75		PKPbc	08:42:18.803	0.0	11.4		2.28		TAS				m_e	
MOX	152.00		PKPbc	08:42:19.288		11.4		2.28		TAS				m_e	
NEUB	151.44		PKPbc	08:42:18.062	0.2	11.4		2.28		TAS				m_e	
PLN	152.08		PKPbc	08:42:19.614		11.4		2.28		TAS				m_e	
RUE	149.90		PKPbc	08:42:14.451	-0.0	11.4		2.28		TAS				m_e	

Event 20208002 Central Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/08	11:59:35.69			-0.0400	-18.6000				18.3		1.3	24		53.55	58.96	m i ke	BGR
20208008																	

Magnitude Err Nsta Author OrigID

mb	5.8		BGR	20208008
MBB	6.3		BGR	20208008
Ms	5.5		BGR	20208008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	54.96		P	12:09:06.490	0.6	216.5		7.04		TAS		117.5	1.10	m_e	MBB 6.3
AHRW	54.96		pP	12:09:11.449	0.1	216.3		7.00		TAS				m_e	

ASSE	57.53	P	12:09:24.017	-0.1	216.5	7.04	TAS	52.8	1.18	m_e	MBB	6.3
ASSE	57.53	pP	12:09:29.201		216.3	7.00	TAS			m_e		
BFO	53.55	P	12:08:55.756	-0.4	216.5	7.04	TAS	149.6	1.08	m_e	MBB	6.5
BRG	57.78	P	12:09:25.701	-0.1	216.5	7.04	TAS	59.9	1.11	m_e	MBB	6.1
BRG	57.78	pP	12:09:30.631		216.3	7.00	TAS			m_e		
BRG	57.78	PP	12:11:33.835		211.9	9.31	TAS			m_e		
BSEG	58.89	P	12:09:33.144		216.5	7.04	TAS	155.8	0.93	m_e	MBB	6.4
BSEG	58.89	pP	12:09:38.276		216.3	7.00	TAS			m_e		
BUG	55.78	P	12:09:11.784	0.2	216.5	7.04	TAS	125.5	1.07	m_e	MBB	6.4
BUG	55.78	pP	12:09:16.861	0.2	216.3	7.00	TAS			m_e		
CLL	57.74	P	12:09:25.680	-0.1	216.5	7.04	TAS	69.6	1.22	m_e	MBB	6.1
CLL	57.74	pP	12:09:30.364		216.3	7.00	TAS			m_e		
CLL	57.74	PP	12:11:32.914		211.9	9.31	TAS			m_e		
CLZ	57.19	P	12:09:21.350	-0.3	216.5	7.04	TAS	76.8	1.33	m_e	MBB	6.1
CLZ	57.19	PP	12:11:30.568		211.9	9.31	TAS			m_e		
FLT1	57.89	P	12:09:26.630	-0.4	216.5	7.04	TAS	91.3	1.09	m_e	MBB	6.3
FLT1	57.89	pP	12:09:31.728		216.3	7.00	TAS			m_e		
FUR	54.58	P	12:09:03.328	0.1	216.5	7.04	TAS	245.7	1.08	m_e	MBB	6.6
FUR	54.58	pP	12:09:08.186	-0.4	216.3	7.00	TAS			m_e		
GEC2	56.12	P	12:09:14.333	0.4	216.5	7.04	TAS	107.0	1.13	m_e	MBB	6.2
GEC2	56.12	pP	12:09:19.390	-0.1	216.3	7.00	TAS			m_e		
GRA1	55.77	S	12:17:10.384				T__			m_e		
GRA1	55.77	P	12:09:11.619	-0.1	216.5	7.04	TAS	127.2	1.05	m_e	mb	5.9
GRA1	55.77	pP	12:09:16.426	0.4	216.3	7.00	TAS			m_e		
GRA1	55.77	PP	12:11:15.613	0.4	211.9	9.31	TAS			m_e		
GRA1	55.77	L	12:31:25.382				T__	3365.4	21.00	a_e	Ms	5.4
GTTG	56.80	P	12:09:19.383	0.4	216.5	7.04	TAS	107.5	1.26	m_e	MBB	6.3
GTTG	56.80	pP	12:09:24.568	-0.3	216.3	7.00	TAS			m_e		
IBBN	56.68	P	12:09:18.185	0.3	216.5	7.04	TAS	132.0	1.03	m_e	MBB	6.5
IBBN	56.68	pP	12:09:23.210	0.2	216.3	7.00	TAS			m_e		
KAST	55.97	P	12:09:12.994	-0.1	216.5	7.04	TAS	71.4	1.23	m_e	MBB	6.4
KAST	55.97	pP	12:09:18.208	0.2	216.3	7.00	TAS			m_e		
MOX	56.68	S	12:17:22.977				T__			m_e		
MOX	56.68	P	12:09:18.276	0.1	216.5	7.04	TAS	113.6	1.12	m_e	MBB	6.4
MOX	56.68	pP	12:09:23.457	0.5	216.3	7.00	TAS			m_e		
MOX	56.68	PP	12:11:23.906		211.9	9.31	TAS			m_e		
MOX	56.68	L	12:30:49.566				T__	6030.7	21.50	a_e	Ms	5.7
NEUB	57.18	P	12:09:21.864	0.2	216.5	7.04	TAS	176.0	1.07	m_e	MBB	6.3
NEUB	57.18	PP	12:11:29.032		211.9	9.31	TAS			m_e		
PLN	56.76	P	12:09:18.554	-0.2	216.5	7.04	TAS	27.6	1.08	m_e	MBB	5.9
PLN	56.76	pP	12:09:23.750	0.0	216.3	7.00	TAS			m_e		
RUE	58.96	P	12:09:34.211		216.5	7.04	TAS	168.6	1.04	m_e	MBB	6.4
RUE	58.96	PP	12:11:45.059		211.9	9.31	TAS			m_e		
STU	54.24	P	12:09:00.475	-0.5	216.5	7.04	TAS	301.4	1.14	m_e	MBB	6.6
TANN	56.83	P	12:09:19.216	0.0	216.5	7.04	TAS	99.5	1.05	m_e	MBB	6.3
TANN	56.83	pP	12:09:24.418	-0.2	216.3	7.00	TAS			m_e		
TANN	56.83	PP	12:11:25.204		211.9	9.31	TAS			m_e		
TNS	55.17	P	12:09:07.438	0.0	216.5	7.04	TAS	130.3	1.13	m_e	MBB	6.3
TNS	55.17	pP	12:09:12.588	-0.0	216.3	7.00	TAS			m_e		

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TNS	55.17	PP	12:11:10.524	-0.8	211.9	9.31	TAS										m_e
UBR	53.71	P	12:08:57.239	0.0	216.5	7.04	TAS				207.6	1.05	m_e	MBB			6.6
WLF	53.90	P	12:08:58.211	-0.2	216.5	7.04	TAS				499.2	2.08	m_e	MBB			6.4
WLF	53.90	pP	12:09:03.190	0.4	216.3	7.00	TAS										m_e

Event 20208003 Sakhalin Island, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/08	22:29:08.86			48.7220	143.1930				33.0					73.50	73.50	m i ke	BGR
OrigID 20208009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	20208009
Ms	5.0		BGR	20208009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	73.50		P	22:40:37.363		28.2		5.06		TAS		20.9	1.32	m_e	mb	5.0
GRA1	73.50		L	23:32:55.346						T__		794.5	19.40	a_e	Ms	5.0

Event 20209002 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2022/02/09	13:22:03.71			-20.1200	-178.1800				500.0					19	145.54	151.61	m i ke	BGR
OrigID 20209008																		

Magnitude	Err	Nsta	Author	OrigID
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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		
ASSE	147.23		PKPbc	13:40:49.885	0.1	15.9		2.58		TAS							m_e
BFO	151.28		PKPbc	13:40:59.967		15.9		2.58		TAS							m_e
BRG	147.78		PKPbc	13:40:51.534	0.1	15.9		2.58		TAS							m_e
BSEG	145.54		PKPbc	13:40:44.991	0.0	15.9		2.58		TAS							m_e
CLL	147.58		PKPbc	13:40:50.827	0.4	15.9		2.58		TAS							m_e
CLZ	147.56		PKPbc	13:40:50.827	0.1	15.9		2.58		TAS							m_e
FLT1	146.94		PKPbc	13:40:48.801	0.1	15.9		2.58		TAS							m_e
FUR	150.91		PKPbc	13:40:59.355		15.9		2.58		TAS							m_e
GEC2	149.72		PKPbc	13:40:56.528		15.9		2.58		TAS							m_e
GRA1	149.47		PKPbc	13:40:55.963		15.9		2.58		TAS							m_e
GTTG	147.91		PKPbc	13:40:51.817	0.4	15.9		2.58		TAS							m_e
KAST	148.46		PKPbc	13:40:53.071	0.3	15.9		2.58		TAS							m_e
MOX	148.49		PKPbc	13:40:53.183	-0.4	15.9		2.58		TAS							m_e
PLN	148.53		PKPbc	13:40:53.324	-0.5	15.9		2.58		TAS							m_e
STU	150.72		PKPbc	13:40:58.931		15.9		2.58		TAS							m_e

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TANN	148.53	PKPbc	13:40:53.654	15.9	2.58	TAS	m_e
TNS	149.41	PKPbc	13:40:55.680	15.9	2.58	TAS	m_e
UBR	151.61	PKPbc	13:41:00.674	15.9	2.58	TAS	m_e
WLF	150.23	PKPbc	13:40:58.177	15.9	2.58	TAS	m_e

Event 20209003 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/09	18:29:01.89			-21.9260	-176.4590				300.0			24		147.54	153.68	m i ke	BGR
20209009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	149.26		PKPbc	18:48:14.732	-0.2	15.1		2.37		TAS					m_e
BFO	153.29		PKPbc	18:48:23.878		15.1		2.37		TAS					m_e
BRG	149.90		PKPbc	18:48:16.338	0.3	15.1		2.37		TAS					m_e
BSEG	147.54		PKPbc	18:48:10.274	-0.3	15.1		2.37		TAS					m_e
BUG	150.31		PKPbc	18:48:17.223	0.2	15.1		2.37		TAS					m_e
CLL	149.68		PKPbc	18:48:15.683	0.1	15.1		2.37		TAS					m_e
CLZ	149.59		PKPbc	18:48:15.814	0.0	15.1		2.37		TAS					m_e
FLT1	148.99		PKPbc	18:48:13.748	0.2	15.1		2.37		TAS					m_e
FUR	153.01		PKPbc	18:48:23.321		15.1		2.37		TAS					m_e
GEC2	151.87		PKPbc	18:48:20.764	-0.4	15.1		2.37		TAS					m_e
GOR1	148.34		PKPbc	18:48:12.339	-0.1	15.1		2.37		TAS					m_e
GRA1	151.55		PKPbc	18:48:20.403	-0.2	15.1		2.37		TAS					m_e
GTTG	149.93		PKPbc	18:48:16.469	0.1	15.1		2.37		TAS					m_e
IBBN	149.41		PKPbc	18:48:15.191	0.3	15.1		2.37		TAS					m_e
KAST	150.44		PKPbc	18:48:17.748	0.2	15.1		2.37		TAS					m_e
MOX	150.56		PKPbc	18:48:17.912	0.2	15.1		2.37		TAS					m_e
NEUB	150.00		PKPbc	18:48:16.568	0.2	15.1		2.37		TAS					m_e
PLN	150.62		PKPbc	18:48:18.076	0.3	15.1		2.37		TAS					m_e
RUE	148.42		PKPbc	18:48:12.404	0.0	15.1		2.37		TAS					m_e
STU	152.75		PKPbc	18:48:22.993		15.1		2.37		TAS					m_e
TANN	150.63		PKPbc	18:48:18.164	-0.2	15.1		2.37		TAS					m_e
TNS	151.41		PKPbc	18:48:20.043	0.0	15.1		2.37		TAS					m_e
UBR	153.68		PKPbc	18:48:24.730		15.1		2.37		TAS					m_e
WLF	152.15		PKPbc	18:48:22.239	-0.4	15.1		2.37		TAS					m_e

Event 20209004 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/09	18:55:13.29	0.40	1.54	44.6880	10.6660	8.9	6.7	37	10.0			33	286	2.33	7.16	m i ke	BGR

20209010

Magnitude Err Nsta Author OrigID
ML 4.2 BGR 20209010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	3.36		Sn	18:56:43.518	2.0					T__				m_e	
BALST	3.36		Pn	18:56:04.710	0.2					T__				m_e ML	4.3
BE1	3.24		Sn	18:56:41.347	2.5					T__				m_e	
BE1	3.24		Pn	18:56:03.318	0.3					T__				m_e ML	4.3
BERGE	3.62		Sn	18:56:47.738	0.1					T__				m_e	
BERGE	3.62		Sg	18:57:07.104	-1.1					T__				m_e	
BERGE	3.62		Pn	18:56:07.698	-0.3					T__				m_e ML	4.2
BERGE	3.62		Pg	18:56:20.234	-1.2					T__				m_e	
BFO	3.98		Sn	18:56:55.882	-0.2					T__				m_e	
BFO	3.98		Pn	18:56:12.672	-0.2					T__				m_e ML	4.1
BFO	3.98		Pg	18:56:26.637	-1.6					T__				m_e	
BRG	6.57		Pn	18:56:46.908	-0.8					T__				m_e	
CLZ	7.16		Pn	18:56:55.226	-0.5					T__				m_e	
DAVA	2.65		Pn	18:55:56.309	1.3					T__				m_e ML	4.1
EMING	3.44		Sn	18:56:43.583	0.1					T__				m_e	
EMING	3.44		Sg	18:57:01.089	-1.6					T__				m_e	
EMING	3.44		Pn	18:56:05.487	-0.2					T__				m_e ML	4.2
EMING	3.44		Pg	18:56:16.905	-1.3					T__				m_e	
FETA	2.33		Pn	18:55:51.239	0.6					T__				m_e ML	3.7
FUR	3.50		Sg	18:57:00.881	-3.5					T__				m_e	
FUR	3.50		Pn	18:56:06.295	-0.1					T__				m_e ML	4.4
FUR	3.50		Pg	18:56:17.369	-1.8					T__				m_e	
GEC2	4.65		Sn	18:57:11.850	0.2					T__				m_e	
GEC2	4.65		Pn	18:56:20.825	-1.1					T__				m_e ML	4.1
GRA1	5.02		Sn	18:57:20.595	0.3					T__				m_e	
GRA1	5.02		Sg	18:57:51.288	-1.3					T__				m_e	
GRA1	5.02		Pn	18:56:25.034	-1.9					T__				m_e ML	4.5
GRA1	5.02		Pg	18:56:46.239	-1.5					T__				m_e	
KAST	6.69		Pn	18:56:49.658	0.3					T__				m_e	
KBA	3.03		Pn	18:55:59.869	-0.3					T__				m_e ML	4.0
LESA	3.07		Pn	18:56:01.349	0.7					T__				m_e ML	4.3
MANZ	5.39		Sn	18:57:29.484	0.6					T__				m_e	
MANZ	5.39		Pn	18:56:29.936	-1.9					T__				m_e ML	4.1
MOA	4.03		Pn	18:56:13.720	0.2					T__				m_e ML	4.0
MOTA	2.67		Pn	18:55:56.410	1.1					T__				m_e ML	3.9
MOX	5.99		Sn	18:57:42.261	-0.8					T__				m_e	
MOX	5.99		Pn	18:56:37.912	-2.1					T__				m_e ML	4.3
NORI	4.03		Sn	18:56:57.080	-0.1					T__				m_e	
NORI	4.03		Pn	18:56:12.171	-1.4					T__				m_e ML	4.4
PART	2.83		Pn	18:55:58.169	0.9					T__				m_e ML	3.9
PLONS	2.53		Pn	18:55:54.611	1.4					T__				m_e ML	3.8
RJOB	3.39		Sn	18:56:46.299	4.1					T__				m_e	
RJOB	3.39		Pn	18:56:04.256	-0.6					T__				m_e ML	4.1

SLE	3.43	Sg	18:57:01.409	-0.6	T__	m_e		
SLE	3.43	Pn	18:56:05.004	-0.4	T__	m_e ML	4.9	
SLE	3.43	Pg	18:56:16.242	-1.6	T__	m_e		
SQTA	2.56	Pn	18:55:54.326	0.6	T__	m_e ML	4.2	
STU	4.21	Pn	18:56:15.876	-0.1	T__	m_e ML	4.5	
SULZ	3.35	Sg	18:56:59.064	-0.6	T__	m_e		
SULZ	3.35	Pn	18:56:04.642	0.3	T__	m_e ML	5.2	
SULZ	3.35	Pg	18:56:15.757	-0.6	T__	m_e		
TANN	5.85	Sn	18:57:41.766	1.9	T__	m_e		
TANN	5.85	Pn	18:56:37.043	-1.1	T__	m_e ML	4.3	
TANN	5.85	Pg	18:57:01.249	-2.2	T__	m_e		
TNS	5.73	Sn	18:57:40.101	3.1	T__	m_e		
TNS	5.73	Pn	18:56:36.753	0.2	T__	m_e ML	4.2	
UBR	3.02	Sn	18:56:37.479	4.0	T__	m_e		
UBR	3.02	Pn	18:56:00.601	0.7	T__	m_e ML	4.5	
WALHA	3.25	Sn	18:56:42.448	3.6	T__	m_e		
WALHA	3.25	Sg	18:56:55.628	-0.7	T__	m_e		
WALHA	3.25	Pn	18:56:02.854	-0.1	T__	m_e ML	4.3	
WALHA	3.25	Pg	18:56:12.895	-1.5	T__	m_e		
WILA	2.99	Sn	18:56:36.505	3.7	T__	m_e		
WILA	2.99	Pn	18:56:00.085	0.6	T__	m_e ML	4.5	
ZUGS	2.74	Pn	18:55:57.556	1.4	T__	m_e ML	4.0	

Event 20209005 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/09	20:00:57.99	0.33	1.72	44.7140	10.6180	7.8	5.6	156	10.0				42 267	2.31	7.13	m i k e	BGR
20209011																	

Magnitude	Err	Nsta	Author	OrigID
ML	4.5		BGR	20209011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	6.30		Pn	20:02:29.877	1.0					T__				m_e ML	4.5
BALST	3.32		Sn	20:02:26.913	1.7					T__				m_e	
BALST	3.32		Pn	20:01:48.800	0.1					T__				m_e ML	4.3
BALST	3.32		Pg	20:01:59.738	-0.8					T__				m_e	
BE1	3.22		Sn	20:02:25.483	2.5					T__				m_e	
BE1	3.22		Pn	20:01:47.508	0.1					T__				m_e ML	4.6
BERGE	3.58		Sn	20:02:32.058	0.7					T__				m_e	
BERGE	3.58		Pn	20:01:51.821	-0.4					T__				m_e ML	4.3
BERGE	3.58		Pg	20:02:04.471	-1.0					T__				m_e	
BFO	3.94		Sn	20:02:41.176	1.3					T__				m_e	
BFO	3.94		Pn	20:01:56.921	-0.2					T__				m_e ML	4.3
BFO	3.94		Pg	20:02:11.451	-0.8					T__				m_e	
BRG	6.55		Sn	20:03:42.787	2.0					T__				m_e	

BRG	6.55	Pn	20:02:31.366	-0.9	T__	m_e	
CLL	6.78	Pn	20:02:33.963	-1.4	T__	m_e	
CLZ	7.13	Pn	20:02:39.161	-0.9	T__	m_e	
DAVA	2.62	Pn	20:01:40.589	1.3	T__	m_e ML	4.4
EMING	3.41	Pn	20:01:49.517	-0.4	T__	m_e ML	4.4
FETA	2.31	Sg	20:02:08.281	-3.0	T__	m_e	
FETA	2.31	Pn	20:01:35.173	0.1	T__	m_e ML	4.0
FUR	3.48	Sg	20:02:45.940	-2.5	T__	m_e ML	4.8
FUR	3.48	Pn	20:01:50.888	0.1	T__	m_e	
GEC2	4.64	Sn	20:02:55.746	-0.4	T__	m_e	
GEC2	4.64	Pn	20:02:05.067	-1.4	T__	m_e ML	4.4
GRA1	4.99	Sn	20:03:05.109	0.7	T__	m_e	
GRA1	4.99	Sg	20:03:35.537	-1.0	T__	m_e	
GRA1	4.99	Pn	20:02:09.153	-2.1	T__	m_e ML	4.8
GRA1	4.99	Pg	20:02:32.071	0.0	T__	m_e	
KAST	6.65	Pn	20:02:33.617	-0.0	T__	m_e	
KBA	3.03	Sn	20:02:20.568	2.0	T__	m_e	
KBA	3.03	Pn	20:01:44.855	0.0	T__	m_e ML	4.4
KW1	3.67	Sg	20:02:51.573	-3.0	T__	m_e	
KW1	3.67	Pg	20:02:04.083	-3.1	T__	m_e ML	5.0
LESA	3.06	Sn	20:02:23.003	3.7	T__	m_e	
LESA	3.06	Pn	20:01:46.008	0.8	T__	m_e ML	4.6
MANZ	5.37	Sn	20:03:13.390	0.2	T__	m_e	
MANZ	5.37	Pn	20:02:14.297	-2.0	T__	m_e ML	4.4
MANZ	5.37	Pg	20:02:39.280	0.2	T__	m_e	
METMA	3.42	Sg	20:02:45.787	-0.7	T__	m_e	
METMA	3.42	Pn	20:01:49.682	-0.3	T__	m_e ML	4.2
METMA	3.42	Pg	20:02:01.314	-1.0	T__	m_e	
MOA	4.03	Sn	20:02:43.619	1.8	T__	m_e	
MOA	4.03	Pn	20:01:58.004	-0.2	T__	m_e ML	4.4
MOTA	2.65	Sn	20:02:13.919	4.3	T__	m_e	
MOTA	2.65	Pn	20:01:40.360	0.7	T__	m_e ML	4.2
MOX	5.97	Sn	20:03:27.829	0.6	T__	m_e	
MOX	5.97	Sg	20:04:06.216	-1.2	T__	m_e	
MOX	5.97	Pn	20:02:22.125	-2.3	T__	m_e ML	4.5
NORI	4.01	Sn	20:02:42.069	0.8	T__	m_e	
NORI	4.01	Pn	20:01:56.432	-1.5	T__	m_e ML	4.6
OBKA	3.29	Sn	20:02:26.125	1.6	T__	m_e	
OBKA	3.29	Pn	20:01:46.417	-1.9	T__	m_e	
PART	2.80	Sn	20:02:17.499	4.3	T__	m_e	
PART	2.80	Pn	20:01:43.168	1.4	T__	m_e ML	4.1
PLN	5.86	Sg	20:04:01.954	-2.2	T__	m_e	
PLN	5.86	Sn	20:03:25.119	0.3	T__	m_e	
PLN	5.86	Pn	20:02:22.296	-0.7	T__	m_e ML	4.2
PLN	5.86	Pg	20:02:48.182	-0.2	T__	m_e	
PLONS	2.49	Pn	20:01:38.950	1.5	T__	m_e ML	3.9
RETA	2.77	Pn	20:01:41.923	0.6	T__	m_e ML	4.2
RJOB	3.38	Sn	20:02:30.790	4.1	T__	m_e	
RJOB	3.38	Sg	20:02:46.246	1.0	T__	m_e	

RJOB	3.38	Pn	20:01:49.813	0.3	T__	m_e ML	4.4
RJOB	3.38	Pg	20:01:59.768	-1.9	T__	m_e	
ROTZ	5.17	Sn	20:03:07.100	-1.4	T__	m_e	
ROTZ	5.17	Sg	20:03:37.989	-4.0	T__	m_e	
ROTZ	5.17	Pn	20:02:11.508	-2.1	T__	m_e ML	4.4
ROTZ	5.17	Pg	20:02:32.695	-2.6	T__	m_e	
SLE	3.39	Sn	20:02:28.925	2.1	T__	m_e	
SLE	3.39	Sg	20:02:46.442	0.9	T__	m_e	
SLE	3.39	Pn	20:01:49.291	-0.3	T__	m_e ML	5.0
SLE	3.39	Pg	20:02:00.612	-1.2	T__	m_e	
SQTA	2.54	Pn	20:01:38.224	0.1	T__	m_e ML	4.5
STU	4.17	Pn	20:02:00.051	-0.1	T__	m_e ML	4.7
STU	4.17	Pg	20:02:18.259	1.7	T__	m_e	
SULZ	3.31	Pn	20:01:48.541	0.0	T__	m_e ML	5.4
SULZ	3.31	Pg	20:02:00.001	-0.3	T__	m_e	
TANN	5.83	Sn	20:03:25.148	1.1	T__	m_e	
TANN	5.83	Sg	20:04:01.818	-1.4	T__	m_e	
TANN	5.83	Pn	20:02:20.971	-1.6	T__	m_e ML	4.7
TANN	5.83	Pg	20:02:45.857	-2.0	T__	m_e	
TNS	5.70	Pn	20:02:20.776	-0.0	T__	m_e ML	4.4
UBR	2.99	Sn	20:02:21.173	3.7	T__	m_e	
UBR	2.99	Pn	20:01:44.745	0.6	T__	m_e ML	4.6
WALHA	3.21	Pn	20:01:47.212	0.0	T__	m_e ML	4.6
WALHA	3.21	Pg	20:01:57.200	-1.3	T__	m_e	
WILA	2.95	Pn	20:01:44.284	0.6	T__	m_e ML	4.5
WILA	2.95	Pg	20:01:52.553	-1.0	T__	m_e	
WTTA	2.65	Pn	20:01:39.338	-0.2	T__	m_e ML	4.7
ZUGS	2.71	Sn	20:02:16.070	5.0	T__	m_e	
ZUGS	2.71	Pn	20:01:41.547	1.1	T__	m_e ML	4.3

Event 20210004 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/10	14:17:57.11	0.52	1.24	44.7760	18.6350	13.3	8.9	21	10.0			30	280	2.72	8.78	m i ke	BGR
20210010																	

Magnitude Err Nsta Author OrigID
 ML 4.1 BGR 20210010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	3.29		Sn	14:19:25.739	-1.6					T__				m_e	
ARSA	3.29		Pn	14:18:48.030	-0.7					T__				m_e ML	3.8
BERGE	7.87		Sn	14:21:13.531	-2.6					T__				m_e	
BERGE	7.87		Pn	14:19:49.506	-1.1					T__				m_e	
BFO	7.94		Sn	14:21:16.732	-1.1					T__				m_e	
BFO	7.94		Pn	14:19:50.536	-1.0					T__				m_e	

BIOA	4.53	Sn	14:19:57.482	0.7	T__	m_e		
BIOA	4.53	Pn	14:19:05.662	0.2	T__	m_e ML	4.2	
BUD	2.72	Pn	14:18:40.419	-0.5	T__	m_e ML	4.2	
DAVA	6.59	Pn	14:19:33.708	0.5	T__	m_e		
EMING	7.45	Pn	14:19:44.167	-0.8	T__	m_e		
FETA	5.95	Pn	14:19:25.737	1.0	T__	m_e		
GEC2	5.29	Sn	14:20:17.596	2.6	T__	m_e		
GEC2	5.29	Pn	14:19:16.479	0.7	T__	m_e ML	3.9	
GRA1	7.04	Sn	14:20:54.878	-1.6	T__	m_e		
KBA	4.35	Sn	14:19:50.749	-1.8	T__	m_e		
KBA	4.35	Pn	14:19:02.033	-1.0	T__	m_e ML	3.8	
KW1	5.34	Sn	14:20:16.118	-0.1	T__	m_e ML	4.2	
LESA	4.91	Sn	14:20:07.416	1.4	T__	m_e		
LESA	4.91	Pn	14:19:10.200	-0.5	T__	m_e ML	4.1	
MANZ	6.83	Pn	14:19:37.956	1.4	T__	m_e		
MOA	4.31	Sn	14:19:51.433	-0.2	T__	m_e		
MOA	4.31	Pn	14:19:02.708	0.2	T__	m_e ML	4.2	
MOTA	5.83	Pn	14:19:23.169	0.1	T__	m_e ML	4.0	
MOX	7.54	Pn	14:19:47.228	1.2	T__	m_e		
NORI	6.77	Sn	14:20:47.385	-2.6	T__	m_e ML	4.2	
OBKA	3.35	Pn	14:18:48.156	-1.3	T__	m_e		
PSZ	3.26	Pn	14:18:47.775	-0.5	T__	m_e ML	3.9	
RETA	6.10	Pn	14:19:26.694	-0.0	T__	m_e		
RJOB	5.01	Sn	14:20:10.753	2.4	T__	m_e		
RJOB	5.01	Pn	14:19:12.607	0.6	T__	m_e ML	4.0	
ROTZ	6.63	Pn	14:19:34.536	0.7	T__	m_e		
SOP	3.24	Pn	14:18:47.809	-0.3	T__	m_e ML	4.1	
SQTA	5.72	Sn	14:20:28.348	3.2	T__	m_e		
SQTA	5.72	Pn	14:19:22.473	0.9	T__	m_e ML	3.9	
TNS	8.78	Sn	14:21:37.486	-0.3	T__	m_e		
TNS	8.78	Pn	14:20:03.253	0.4	T__	m_e ML	4.6	
UBR	6.59	Pn	14:19:32.954	-0.3	T__	m_e		
WALHA	7.23	Pn	14:19:41.628	-0.3	T__	m_e		
WTTA	5.47	Sn	14:20:20.286	1.1	T__	m_e		
WTTA	5.47	Pn	14:19:18.659	0.5	T__	m_e ML	3.9	
ZUGS	5.94	Pn	14:19:24.844	0.3	T__	m_e ML	4.1	

Event 20211004 Taiwan region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/11	16:43:16.14			24.0230	122.1810				33.0					82.37	87.25	m i ke	BGR
	20211010																

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	20211010
Ms	5.8		BGR	20211010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	86.26		P	16:55:53.869		59.0		5.06		TAS		45.2	1.42	m_e	mb 5.4
BFO	86.81		P	16:55:55.264		59.0		5.06		TAS		57.3	1.66	m_e	mb 5.4
BRG	82.37		P	16:55:32.649		59.0		5.06		TAS		70.2	1.96	m_e	mb 5.5
BSEG	82.75		P	16:55:35.999		59.0		5.06		TAS		73.6	1.59	m_e	mb 5.7
BUG	85.66		P	16:55:49.309		59.0		5.06		TAS		117.8	1.46	m_e	mb 5.8
CLL	82.67		P	16:55:34.200		59.0		5.06		TAS		49.4	1.46	m_e	mb 5.5
CLZ	83.81		P	16:55:41.541		59.0		5.06		TAS		101.7	1.52	m_e	mb 5.8
FLT1	83.11		P	16:55:37.027		59.0		5.06		TAS		32.5	1.29	m_e	mb 5.4
FUR	85.23		P	16:55:48.699		59.0		5.06		TAS		78.8	0.96	m_e	mb 5.9
GEC2	83.50		P	16:55:38.935		59.0		5.06		TAS		53.4	1.29	m_e	mb 5.6
GOR1	82.73		P	16:55:35.711		59.0		5.06		TAS		101.8	1.47	m_e	mb 5.8
GRA1	84.47		P	16:55:45.159		59.0		5.06		TAS		47.8	1.11	m_e	mb 5.6
GRA1	84.47		L	17:37:48.863						T__		3081.4	19.30	a_e	Ms 5.7
GTTG	84.19		P	16:55:43.389		59.0		5.06		TAS		41.6	1.15	m_e	mb 5.6
IBBN	84.92		P	16:55:46.394		59.0		5.06		TAS		92.5	1.50	m_e	mb 5.8
KAST	85.19		P	16:55:46.854		59.0		5.06		TAS		69.2	1.65	m_e	mb 5.6
MOX	83.76		P	16:55:40.928		59.0		5.06		TAS		38.2	1.38	m_e	mb 5.4
MOX	83.76		L	17:38:01.213						T__		3785.8	18.00	a_e	Ms 5.8
NEUB	83.40		P	16:55:39.168		59.0		5.06		TAS		44.8	1.06	m_e	mb 5.6
PLN	83.55		P	16:55:39.850		59.0		5.06		TAS		21.1	1.59	m_e	mb 5.1
TANN	83.42		P	16:55:39.159		59.0		5.06		TAS		40.2	1.49	m_e	mb 5.4
TNS	85.71		P	16:55:50.996		59.0		5.06		TAS		88.6	1.74	m_e	mb 5.6
UBR	86.15		P	16:55:52.861		59.0		5.06		TAS		53.0	1.25	m_e	mb 5.5
WLF	87.25		P	16:55:58.644		59.0		5.06		TAS		68.6	1.07	m_e	mb 5.7

Event 20211002 Taiwan region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/11	16:43:16.14		24.0230	122.1810				33.0				22		82.37	87.25	m i ke	BGR
20211008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	20211008
Ms	5.8		BGR	20211008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	86.26		P	16:55:53.869		59.0		5.06		TAS		45.2	1.42	m_e	mb 5.4
BFO	86.81		P	16:55:55.264		59.0		5.06		TAS		57.3	1.66	m_e	mb 5.4
BRG	82.37		P	16:55:32.649	0.3	59.0		5.06		TAS		70.2	1.96	m_e	mb 5.5
BSEG	82.75		P	16:55:35.999	-0.1	59.0		5.06		TAS		73.6	1.59	m_e	mb 5.7
BUG	85.66		P	16:55:49.309	0.2	59.0		5.06		TAS		117.8	1.46	m_e	mb 5.8
CLL	82.67		P	16:55:34.200	0.3	59.0		5.06		TAS		49.4	1.46	m_e	mb 5.5
CLZ	83.81		P	16:55:41.541	0.3	59.0		5.06		TAS		101.7	1.52	m_e	mb 5.8
FLT1	83.11		P	16:55:37.027	-1.0	59.0		5.06		TAS		32.5	1.29	m_e	mb 5.4

./bul2202.txt Fri Apr 01 11:33:56 2022 24

FUR	85.23	P	16:55:48.699	59.0	5.06	TAS	78.8	0.96	m_e	mb	5.9	
GEC2	83.50	P	16:55:38.935	59.0	5.06	TAS	53.4	1.29	m_e	mb	5.6	
GOR1	82.73	P	16:55:35.711	-0.3	59.0	5.06	TAS	101.8	1.47	m_e	mb	5.8
GRA1	84.47	P	16:55:45.159	59.0	5.06	TAS	47.8	1.11	m_e	mb	5.6	
GRA1	84.47	L	17:37:48.863			T__	3081.4	19.30	a_e	Ms	5.7	
GTTG	84.19	P	16:55:43.389	-1.0	59.0	5.06	TAS	41.6	1.15	m_e	mb	5.6
IBBN	84.92	P	16:55:46.394	-0.9	59.0	5.06	TAS	92.5	1.50	m_e	mb	5.8
KAST	85.19	P	16:55:46.854	0.2	59.0	5.06	TAS	69.2	1.65	m_e	mb	5.6
MOX	83.76	P	16:55:40.928	0.9	59.0	5.06	TAS	38.2	1.38	m_e	mb	5.4
MOX	83.76	L	17:38:01.213			T__	3785.8	18.00	a_e	Ms	5.8	
NEUB	83.40	P	16:55:39.168	0.5	59.0	5.06	TAS	44.8	1.06	m_e	mb	5.6
PLN	83.55	P	16:55:39.850	-0.8	59.0	5.06	TAS	21.1	1.59	m_e	mb	5.1
TANN	83.42	P	16:55:39.159	0.6	59.0	5.06	TAS	40.2	1.49	m_e	mb	5.4
TNS	85.71	P	16:55:50.996	0.1	59.0	5.06	TAS	88.6	1.74	m_e	mb	5.6
UBR	86.15	P	16:55:52.861		59.0	5.06	TAS	53.0	1.25	m_e	mb	5.5
WLF	87.25	P	16:55:58.644		59.0	5.06	TAS	68.6	1.07	m_e	mb	5.7

Event 20212003 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/12	04:08:04.90			-22.2930	-175.8700				33.0			8		147.97	150.46	m i ke	BGR
20212009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	150.38		PKPbc	04:27:53.010		14.1		2.37		TAS				m_e	
BSEG	147.97		PKPbc	04:27:47.450	0.0	14.1		2.37		TAS				m_e	
CLL	150.14		PKPbc	04:27:52.648		14.1		2.37		TAS				m_e	
CLZ	150.02		PKPbc	04:27:52.374		14.1		2.37		TAS				m_e	
FLT1	149.43		PKPbc	04:27:50.396	-0.1	14.1		2.37		TAS				m_e	
GOR1	148.78		PKPbc	04:27:49.413	-0.4	14.1		2.37		TAS				m_e	
NEUB	150.46		PKPbc	04:27:53.279		14.1		2.37		TAS				m_e	
RUE	148.89		PKPbc	04:27:49.565	0.1	14.1		2.37		TAS				m_e	

Event 20212001 Central Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/12	14:28:00.70			-0.8800	-18.9400				33.0			18		54.45	59.86	m i ke	BGR
20212007																	

Magnitude Err Nsta Author OrigID
mb 5.0 BGR 20212007

Ms 4.0 BGR 20212007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	55.86		P	14:37:35.666	-0.4	216.5		7.07		TAS		11.4	0.72	m_e	mb 5.0
BFO	54.45		P	14:37:24.813		216.5		7.07		TAS		20.0	1.09	m_e	mb 5.1
BRG	58.68		P	14:37:54.863	-0.2	216.5		7.07		TAS		4.7	0.85	m_e	mb 4.5
BSEG	59.79		P	14:38:02.641	-0.2	216.5		7.07		TAS		26.7	0.73	m_e	mb 5.4
BUG	56.69		P	14:37:41.008	0.6	216.5		7.07		TAS		17.1	0.93	m_e	mb 5.1
CLL	58.64		P	14:37:54.875	-0.2	216.5		7.07		TAS		9.4	1.17	m_e	mb 4.7
FLT1	58.80		P	14:37:55.712	0.0	216.5		7.07		TAS		8.8	0.82	m_e	mb 4.8
FUR	55.48		P	14:37:32.708		216.5		7.07		TAS		22.1	0.80	m_e	mb 5.2
GEC2	57.02		P	14:37:43.540		216.5		7.07		TAS		9.8	0.97	m_e	mb 4.8
GRA1	56.67		P	14:37:40.731		216.5		7.07		TAS		12.0	0.85	m_e	mb 5.0
GRA1	56.67		L	15:03:08.446						T__		118.3	18.90	a_e	Ms 4.0
MOX	57.58		P	14:37:47.335	0.4	216.5		7.07		TAS		10.5	0.85	m_e	mb 4.9
MOX	57.58		L	15:03:23.040						T__		120.4	18.80	a_e	Ms 4.0
NEUB	58.08		P	14:37:50.850	0.1	216.5		7.07		TAS		18.8	0.82	m_e	mb 5.2
PLN	57.67		P	14:37:47.767	-0.4	216.5		7.07		TAS		2.7	0.86	m_e	mb 4.3
RUE	59.86		P	14:38:03.876	-0.2	216.5		7.07		TAS		22.5	0.88	m_e	mb 5.2
STU	55.14		P	14:37:29.717		216.5		7.07		TAS		21.0	0.70	m_e	mb 5.3
TANN	57.73		P	14:37:48.317	0.4	216.5		7.07		TAS		8.9	0.77	m_e	mb 4.9
TNS	56.07		P	14:37:36.663	-0.0	216.5		7.07		TAS		12.4	0.76	m_e	mb 5.0
UBR	54.62		P	14:37:26.305		216.5		7.07		TAS		18.4	0.78	m_e	mb 5.2

Event 20212002 Central Mid-Atlantic Ridge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/12	20:48:57.18			-0.9100	-18.7700				33.0			25		54.42	59.82	m i ke	BGR
20212008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	20212008
Ms	4.9		BGR	20212008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	55.83		P	20:58:32.532	0.6	216.2		7.07		TAS		41.9	0.96	m_e	mb 5.4
ASSE	58.40		P	20:58:49.839	-0.3	216.2		7.07		TAS		25.0	1.21	m_e	mb 5.1
BFO	54.42		P	20:58:21.558	-0.5	216.2		7.07		TAS		58.8	1.03	m_e	mb 5.6
BRG	58.64		P	20:58:51.598	-0.2	216.2		7.07		TAS		22.0	1.00	m_e	mb 5.1
BSEG	59.76		P	20:58:59.174	-0.5	216.2		7.07		TAS		65.5	0.86	m_e	mb 5.7
BUG	56.66		P	20:58:37.892	0.2	216.2		7.07		TAS		50.3	0.97	m_e	mb 5.5
CLL	58.60		P	20:58:51.538	-0.1	216.2		7.07		TAS		54.8	1.41	m_e	mb 5.4
CLZ	58.06		P	20:58:47.433	-0.3	216.2		7.07		TAS		34.4	1.34	m_e	mb 5.2
FLT1	58.76		P	20:58:52.644	-0.1	216.2		7.07		TAS		46.7	1.08	m_e	mb 5.4
FUR	55.43		P	20:58:29.351	0.3	216.2		7.07		TAS		117.3	1.07	m_e	mb 5.8
GEC2	56.97		P	20:58:40.187	0.4	216.2		7.07		TAS		45.7	1.04	m_e	mb 5.4

GOR1	59.32	P	20:58:57.245	0.5	216.2	7.07	TAS	187.0	1.56	m_e	mb	5.9
GRA1	56.63	P	20:58:37.712	0.1	216.2	7.07	TAS	20.8	1.09	m_e	mb	5.1
GRA1	56.63	L	21:20:07.669				T__	835.9	21.90	a_e	Ms	4.8
GTTG	57.67	P	20:58:45.255	0.2	216.2	7.07	TAS	40.2	1.05	m_e	mb	5.4
IBBN	57.55	P	20:58:44.194	0.2	216.2	7.07	TAS	74.7	1.18	m_e	mb	5.6
KAST	56.84	P	20:58:39.182	0.1	216.2	7.07	TAS	26.6	1.18	m_e	mb	5.2
MOX	57.55	P	20:58:44.212	0.1	216.2	7.07	TAS	44.6	0.97	m_e	mb	5.5
MOX	57.55	L	21:24:30.194				T__	1130.5	18.60	a_e	Ms	5.0
NEUB	58.04	P	20:58:47.968	0.3	216.2	7.07	TAS	71.0	0.90	m_e	mb	5.7
PLN	57.63	P	20:58:44.632	-0.1	216.2	7.07	TAS	11.5	0.90	m_e	mb	4.9
RUE	59.82	P	20:59:00.323	0.1	216.2	7.07	TAS	71.5	0.97	m_e	mb	5.7
STU	55.11	P	20:58:26.450	-0.5	216.2	7.07	TAS	83.3	0.81	m_e	mb	5.8
TANN	57.69	P	20:58:45.103	-0.0	216.2	7.07	TAS	40.7	0.89	m_e	mb	5.5
TNS	56.03	P	20:58:33.476	0.0	216.2	7.07	TAS	43.8	0.93	m_e	mb	5.5
UBR	54.58	P	20:58:22.992	-0.1	216.2	7.07	TAS	105.6	1.06	m_e	mb	5.8
WLF	54.77	P	20:58:24.250	-0.1	216.2	7.07	TAS	78.4	1.38	m_e	mb	5.5

Event 20213001 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/13	02:15:20.20			-25.3930	-178.7470				361.0					154.46	154.46	m i ke	NEIC
OrigID 20213040																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	154.46		PKPab	02:34:54.023		21.3		3.90		TAS		28.4	1.10	m_e	

Event 20213002 Hokkaido, Japan, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/13	06:50:32.80			42.0660	144.4110				59.0					78.79	79.72	m i ke	NEIC
OrigID 20213041																	

Magnitude Err Nsta Author OrigID

Ms	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		
Ms	4.3		BGR														
GRA1	79.72		pP	07:02:51.029		33.4		4.67		TAS							
GRA1	79.72		L	07:53:02.615						T__		142.8	18.40	a_e	Ms	4.3	
MOX	78.79		L	07:52:52.925						T__		173.8	21.40	a_e	Ms	4.4	

Event 20213005 South Sandwich Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/13	06:54:10.70			-56.1300	-27.8800				99.0					110.40	110.40	m i ke	NEIC
OrigID 20213044																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	110.40		PP	07:13:10.151						T__					m_e

Event 20213004 Northern Molucca Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/13	08:21:47.10			0.8900	126.2500				30.0					105.24	105.24	m i ke	NEIC
OrigID 20213043																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	105.24		PP	08:40:17.389						T__					m_e

Event 20213006 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/13	14:48:13.54			-19.7100	175.5100				33.0				10	145.14	148.84	m i ke	BGR
OrigID 20213012																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	145.60		PKPbc	15:07:49.150		26.9		2.90		TAS					m_e
CLL	145.53		PKPbc	15:07:48.850		26.9		2.90		TAS					m_e
FLT1	145.14		PKPbc	15:07:46.997		26.9		2.90		TAS					m_e
GEC2	147.40		PKPbc	15:07:53.932		26.9		2.90		TAS					m_e
GRA1	147.49		PKPbc	15:07:54.108		26.9		2.90		TAS					m_e
MOX	146.53		PKPbc	15:07:51.804		26.9		2.90		TAS					m_e
PLN	146.50		PKPbc	15:07:51.778		26.9		2.90		TAS					m_e
TANN	146.47		PKPbc	15:07:51.865		26.9		2.90		TAS					m_e
TNS	147.78		PKPbc	15:07:55.125		26.9		2.90		TAS					m_e
WLF	148.84		PKPbc	15:07:58.629		26.9		2.90		TAS					m_e

Event 20213008 Turkey-Georgia-Armenia border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/13	18:26:03.58			41.0360	43.2930				33.0			18		22.24	26.92	m i ke	BGR
OrigID 20213014																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	20213014
Ms	4.4		BGR	20213014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	24.79		P	18:31:23.063	-1.0	98.9		9.44		TAS		196.4	1.18	m_e mb	5.7
BRG	22.50		P	18:31:01.005	-0.1	98.9		9.44		TAS		145.3	1.28	m_e mb	5.4
BSEG	25.47		P	18:31:28.700	0.4	98.9		9.44		TAS		123.9	1.34	m_e mb	5.5
BUG	26.73		P	18:31:40.796	-1.2	98.9		9.44		TAS		79.8	1.48	m_e mb	5.2
CLL	23.19		P	18:31:07.935	-0.2	98.9		9.44		TAS		447.3	1.39	m_e mb	5.8
CLZ	24.90		P	18:31:23.985	0.3	98.9		9.44		TAS		164.2	1.10	m_e mb	5.7
FLT1	24.50		P	18:31:20.018	-0.2	98.9		9.44		TAS		646.1	1.85	m_e mb	6.0
FUR	23.75		P	18:31:13.794		98.9		9.44		TAS		148.3	1.21	m_e mb	5.4
GEC2	22.24		P	18:30:57.848		98.9		9.44		TAS		145.5	1.09	m_e mb	5.3
GOR1	24.63		P	18:31:20.721	0.0	98.9		9.44		TAS		340.5	1.42	m_e mb	5.9
GRA1	23.97		P	18:31:15.171		98.9		9.44		TAS		101.9	1.11	m_e mb	5.3
GRA1	23.97		L	18:40:55.431						T__		1214.9	20.00	a_e Ms	4.4
GTTG	25.09		P	18:31:25.918		98.9		9.44		TAS		156.4	1.59	m_e mb	5.5
HLG	26.92		P	18:31:41.633		98.9		9.44		TAS		260.2	1.05	m_e mb	5.9
IBBN	26.58		P	18:31:40.527		98.9		9.44		TAS		428.6	1.83	m_e mb	5.9
KAST	25.98		P	18:31:33.895	2.8	98.9		9.44		TAS		91.5	1.36	m_e mb	5.2
MOX	23.89		P	18:31:14.096	2.3	98.9		9.44		TAS		78.7	1.70	m_e mb	5.0
MOX	23.89		L	18:40:38.902						T__		1492.8	21.80	a_e Ms	4.4
NEUB	23.91		P	18:31:15.447	-1.9	98.9		9.44		TAS		227.4	1.47	m_e mb	5.5
RGN	24.01		P	18:31:13.048		98.9		9.44		TAS		172.5	1.09	m_e mb	5.5
RUE	23.05		P	18:31:06.123	-0.3	98.9		9.44		TAS		323.4	1.10	m_e mb	5.8
STU	25.18		P	18:31:27.346		98.9		9.44		TAS		310.5	0.84	m_e mb	6.1
TANN	23.32		P	18:31:09.714		98.9		9.44		TAS		51.1	1.11	m_e mb	5.0
UBR	24.49		P	18:31:19.787		98.9		9.44		TAS		196.9	0.96	m_e mb	5.8

Event 20213009 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/13	19:47:42.32	2.58		44.1870	10.4460	30.0	7.8	8	33.0	0.9		21		2.84	5.17	m i ke	BGR
OrigID 20213015																	

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ARSA	4.69		Pn	19:48:45.431						T__				m_e		
BALST	3.69		Pn	19:48:33.274	7.5					T__				m_e ML	3.8	
BFO	4.39		Pn	19:48:41.695	7.7					T__				m_e ML	3.7	
BIOA	4.15		Pn	19:48:39.184	3.6					T__				m_e ML	4.1	
DAVA	3.12		Pn	19:48:26.122	-2.1					T__				m_e ML	3.9	
FETA	2.84		Pn	19:48:21.961	-4.5					T__				m_e ML	3.5	
FUR	4.02		Pn	19:48:36.580	0.1					T__				m_e ML	4.2	
GEC2	5.17		Pn	19:48:51.449						T__				m_e		
KBA	3.53		Pn	19:48:31.034	-0.6					T__				m_e ML	3.9	
LESA	3.59		Pn	19:48:32.484	-1.8					T__				m_e ML	4.0	
MOA	4.52		Pn	19:48:43.905	-0.8					T__				m_e ML	3.7	
MOTA	3.19		Pn	19:48:26.838	-3.9					T__				m_e ML	3.8	
OBKA	3.71		Pn	19:48:32.603	5.2					T__				m_e		
PLONS	2.96		Pn	19:48:24.197	-0.6					T__				m_e ML	3.5	
RETA	3.31		Pn	19:48:27.983	-3.9					T__				m_e ML	3.6	
SLE	3.83		Pn	19:48:34.006	-3.8					T__				m_e		
SQTA	3.08		Pn	19:48:24.828	-4.7					T__				m_e ML	3.9	
SULZ	3.72		Pn	19:48:33.214	4.7					T__				m_e ML	4.7	
UBR	3.50		Pn	19:48:30.511	-2.5					T__				m_e ML	4.2	
WILA	3.40		Pn	19:48:29.301	1.0					T__				m_e ML	4.0	
WTTA	3.19		Pn	19:48:26.057	-4.7					T__				m_e ML	4.1	

Event 20213010 South of Mariana Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/13	20:29:45.60			11.5260	144.3150				10.0					105.61	106.43	m i ke	NEIC

Magnitude	Err	Nsta	Author	OrigID
Ms	5.8		BGR	20213016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	106.43		PP	20:48:23.870						T__				m_e	
GRA1	106.43		L	21:34:33.549						T__		3234.9	20.70	a_e Ms	5.9
MOX	105.61		L	21:34:16.590						T__		2555.4	21.10	a_e Ms	5.7

Event 20214001 Uganda

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/14	05:28:00.40			0.5700	30.2400				10.0					51.60	52.37	m i ke	NEIC

20214040

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	20214007
Ms	3.8		BGR	20214007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	51.60		P	05:37:05.842		157.7		7.16		TAS		17.9	1.31	m_e	mb	4.8
GRA1	51.60		L	06:00:30.219						T__		78.1	20.60	a_e	Ms	3.7
MOX	52.37		L	06:01:16.295						T__		114.9	20.60	a_e	Ms	3.9

Event 20214002 Jan Mayen Island region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/14	20:28:28.28			70.5500	-12.7800				33.0			25		19.57	25.40	m i ke	BGR

OrigID
20214008

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	20214008
MBB	6.3		BGR	20214008
Ms	5.0		BGR	20214008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	22.07		P	20:33:20.847	0.3	340.8		10.06		TAS		575.2	1.61	m_e	MBB	6.3
ASSE	21.33		P	20:33:13.260	-0.5	340.8		10.06		TAS		412.8	1.44	m_e	MBB	6.2
BFO	24.42		P	20:33:44.481	0.2	340.8		10.06		TAS		204.4	1.18	m_e	MBB	6.3
BRG	23.25		P	20:33:32.790	0.5	340.8		10.06		TAS		1683.5	2.29	m_e	MBB	6.3
BSEG	19.57		P	20:32:54.505	-1.4	340.8		10.06		TAS		734.9	1.91	m_e	MBB	6.2
BUG	21.25		P	20:33:12.293	-0.4	340.8		10.06		TAS		490.8	1.07	m_e	MBB	6.2
CLL	22.63		P	20:33:26.580	0.3	340.8		10.06		TAS		812.9	1.62	m_e	MBB	6.4
CLZ	21.53		P	20:33:15.580	-0.3	340.8		10.06		TAS		123.9	1.07	m_e	MBB	6.2
FLT1	21.27		P	20:33:12.170	-0.9	340.8		10.06		TAS		193.7	1.12	m_e	MBB	6.1
FUR	25.19		P	20:33:51.635	-1.1	340.8		10.06		TAS		628.2	1.74	m_e	MBB	6.3
GEC2	25.09		P	20:33:51.077	-0.2	340.8		10.06		TAS		393.8	1.61	m_e	MBB	6.4
GOR1	20.67		P	20:33:09.075	2.2	340.8		10.06		TAS		4261.1	1.92	m_e	MBB	6.6
GRA1	23.73		P	20:33:38.145	0.1	340.8		10.06		TAS		1127.2	1.65	m_e	mb	6.1
GRA1	23.73		L	20:42:16.560						T__		4512.9	21.98	a_e	Ms	4.9
GTTG	21.71		P	20:33:18.013	0.2	340.8		10.06		TAS		462.1	1.17	m_e	MBB	6.2
IBBN	20.53		P	20:33:03.825	-1.9	340.8		10.06		TAS		414.5	1.64	m_e	MBB	6.0
KAST	21.71		P	20:33:17.331	-0.2	340.8		10.06		TAS		191.7	1.24	m_e	MBB	6.0
MOX	22.92		P	20:33:29.891	0.0	340.8		10.06		TAS		1375.0	2.30	m_e	MBB	6.3
MOX	22.92		L	20:41:41.075						T__		6072.2	21.28	a_e	Ms	5.0
NEUB	22.45		P	20:33:24.821	-0.1	340.8		10.06		TAS		226.0	1.11	m_e	MBB	6.3
PLN	23.20		P	20:33:32.567	0.1	340.8		10.06		TAS		580.4	1.95	m_e	MBB	6.0
RUE	21.74		P	20:33:17.846	1.3	340.8		10.06		TAS		1233.7	1.59	m_e	MBB	6.3
STU	24.17		P	20:33:42.291	0.1	340.8		10.06		TAS		676.0	1.65	m_e	MBB	6.6

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TANN	23.33	P	20:33:33.959	0.2	340.8	10.06	TAS	2177.8	2.17	m_e	MBB	6.5
TNS	22.64	P	20:33:26.749	-0.1	340.8	10.06	TAS	1629.8	2.52	m_e	MBB	6.4
UBR	25.40	P	20:33:53.764	-0.9	340.8	10.06	TAS	477.9	1.61	m_e	MBB	6.3
WLF	22.74	P	20:33:29.113	2.7	340.8	10.06	TAS	1422.6	2.23	m_e	MBB	6.3

Event 20214003 Jan Mayen Island region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/14	21:53:08.50			69.6260	-17.0980				33.0					23.35	24.12	m i ke	BGR
OrigID 20214009																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.6		BGR	20214009
Ms	3.8		BGR	20214009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	24.12		P	21:58:21.141		336.1		9.36		TAS		25.9	1.28	m_e	mb	4.6
GRA1	24.12		L	22:07:09.280						T__		349.9	20.80	a_e	Ms	3.8
MOX	23.35		L	22:06:44.745						T__		342.6	20.40	m_e	Ms	3.8

Event 20215002 Southwestern Siberia, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/15	05:01:50.20			51.3400	93.0800				29.0					48.66	49.41	m i ke	NEIC
OrigID 20215041																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	20215008
Ms	4.0		BGR	20215008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude		
GRA1	49.41		P	05:10:41.175		54.8		6.74		TAS		7.7	0.75	m_e	mb	4.8	
GRA1	49.41		pP	05:10:44.339						T__				m_e			
GRA1	49.41		L	05:50:39.024						T__		169.9	20.10	a_e	Ms	4.0	
MOX	48.66		L	05:54:28.860						T__		190.4	21.70	a_e	Ms	4.0	

Event 20215003 Leeward Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/15	08:03:00.10			16.7900	-61.3400				44.0					66.12	66.41	m i ke	NEIC
OrigID																	

20215042

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	20215009
Ms	4.1		BGR	20215009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	66.12		P	08:13:42.509		268.0		6.85		TAS		6.1	1.20	m_e	mb	4.7
GRA1	66.12		pP	08:13:54.381						T__				m_e		
GRA1	66.12		L	08:36:59.130						T__		115.4	19.70	a_e	Ms	4.1
MOX	66.41		L	08:36:26.971						T__		162.3	21.80	a_e	Ms	4.2

Event 20216001 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/16	01:35:28.90			-18.7100	168.9800				158.0					144.26	144.26	m i ke	NEIC

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	20216009
Ms	3.9		BGR	20216009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	144.26		PKPbc	01:54:46.116		37.9		3.31		TAS				m_e	

Event 20216003 Madeira Islands, Portugal, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/16	04:32:38.30			32.3400	-16.9100				11.0					27.16	27.86	m i ke	NEIC

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	20216009
Ms	3.9		BGR	20216009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
GRA1	27.16		P	04:38:21.361		240.9		9.55		TAS		9.5	1.32	m_e	mb	4.4
GRA1	27.16		L	04:47:45.277						T__		262.3	19.30	a_e	Ms	3.8
MOX	27.86		L	04:50:36.302						T__		284.2	18.00	a_e	Ms	3.9

Event 20216004 Near coast of Guatemala

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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OrigID
 2022/02/16 07:12:19.14 13.5200 -90.0100 33.0 19 83.74 88.71 m i ke BGR
 20216010

Magnitude Err Nsta Author OrigID
 mb 5.6 BGR 20216010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	84.11		P	07:24:47.238	-0.1	287.0		4.93		TAS		60.5	1.25	m_e	mb 5.7
ASSE	85.86		P	07:24:56.239	-0.5	287.0		4.93		TAS		77.2	1.13	m_e	mb 5.7
BFO	85.46		P	07:24:53.632		287.0		4.93		TAS		47.4	1.16	m_e	mb 5.6
BRG	88.19		P	07:25:07.299	0.2	287.0		4.93		TAS		38.2	1.50	m_e	mb 5.5
BSEG	85.14		P	07:24:52.430	0.0	287.0		4.93		TAS		78.7	0.93	m_e	mb 5.9
BUG	84.01		P	07:24:46.291	-0.1	287.0		4.93		TAS		50.6	1.21	m_e	mb 5.6
CLL	87.49		P	07:25:03.737	0.0	287.0		4.93		TAS		29.0	0.94	m_e	mb 5.6
CLZ	85.77		P	07:24:55.915	-0.2	287.0		4.93		TAS		61.4	0.87	m_e	mb 5.8
FLT1	86.13		P	07:24:56.889	0.3	287.0		4.93		TAS		49.6	0.98	m_e	mb 5.6
GEC2	88.71		P	07:25:09.544		287.0		4.93		TAS		17.8	1.01	m_e	mb 5.2
GRA1	86.91		P	07:25:01.397		287.0		4.93		TAS		58.6	0.96	m_e	mb 5.7
GTTG	85.60		P	07:24:54.963	0.1	287.0		4.93		TAS		98.8	0.93	m_e	mb 5.9
MOX	86.86		P	07:25:00.865	0.0	287.0		4.93		TAS		34.8	1.02	m_e	mb 5.4
NEUB	86.79		P	07:25:00.646	-0.1	287.0		4.93		TAS		58.7	1.00	m_e	mb 5.7
PLN	87.24		P	07:25:02.671	0.3	287.0		4.93		TAS		19.3	1.11	m_e	mb 5.1
TANN	87.45		P	07:25:03.960	-0.4	287.0		4.93		TAS		51.0	1.13	m_e	mb 5.5
TNS	85.04		P	07:24:51.834	-0.2	287.0		4.93		TAS		56.5	1.04	m_e	mb 5.7
UBR	86.79		P	07:25:00.741		287.0		4.93		TAS		72.2	1.15	m_e	mb 5.7
WLF	83.74		P	07:24:45.328	0.3	287.0		4.93		TAS		95.9	1.46	m_e	mb 5.8

Event 20216006 South of Fiji Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
 OrigID
 2022/02/16 20:21:06.13 -24.6800 -179.7200 550.0 26 149.75 155.68 m i ke BGR
 20216012

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	153.57		PKPdf	20:39:55.450	-0.0	24.5		1.42		TAS				m_e	
ASSE	151.39		PKPdf	20:39:52.358	-0.1	24.5		1.42		TAS				m_e	
ASSE	151.39		PKPbc	20:39:57.259	0.0	20.9		2.27		TAS				m_e	
BFO	155.47		PKPdf	20:39:57.868		24.5		1.42		TAS				m_e	
BRG	151.74		PKPbc	20:39:58.922	0.1	20.9		2.27		TAS				m_e	
BSEG	149.75		PKPdf	20:39:49.210	0.1	24.5		1.42		TAS				m_e	
BSEG	149.75		PKPbc	20:39:54.185	0.2	20.9		2.27		TAS				m_e	
BUG	152.66		PKPdf	20:39:54.058	0.1	24.5		1.42		TAS				m_e	
BUG	152.66		PKPbc	20:40:00.558	0.0	20.9		2.27		TAS				m_e	

CLL	151.60	PKPdf	20:39:52.329	0.4	24.5	1.42	TAS	m_e
CLL	151.60	PKPbc	20:39:58.174	-0.2	20.9	2.27	TAS	m_e
CLZ	151.72	PKPdf	20:39:52.534	0.0	24.5	1.42	TAS	m_e
CLZ	151.72	PKPbc	20:39:58.918	-0.4	20.9	2.27	TAS	m_e
FLT1	151.08	PKPdf	20:39:51.759	-0.2	24.5	1.42	TAS	m_e
FLT1	151.08	PKPbc	20:39:56.988	0.2	20.9	2.27	TAS	m_e
FUR	154.93	PKPdf	20:39:56.830		24.5	1.42	TAS	m_e
GEC2	153.61	PKPdf	20:39:55.277		24.5	1.42	TAS	m_e
GOR1	150.45	PKPbc	20:39:55.887	0.2	20.9	2.27	TAS	m_e
GRA1	153.54	PKPdf	20:39:55.453		24.5	1.42	TAS	m_e
GTTG	152.09	PKPbc	20:39:59.533	-0.3	20.9	2.27	TAS	m_e
IBBN	151.75	PKPbc	20:39:59.448	-0.7	20.9	2.27	TAS	m_e
KAST	152.71	PKPdf	20:39:53.839	0.5	24.5	1.42	TAS	m_e
KAST	152.71	PKPbc	20:40:01.016	0.1	20.9	2.27	TAS	m_e
MOX	152.56	PKPdf	20:39:53.575	-0.2	24.5	1.42	TAS	m_e
MOX	152.56	PKPbc	20:40:00.770	0.2	20.9	2.27	TAS	m_e
NEUB	152.02	PKPbc	20:39:59.175	0.2	20.9	2.27	TAS	m_e
PLN	152.57	PKPdf	20:39:53.647	-0.2	24.5	1.42	TAS	m_e
PLN	152.57	PKPbc	20:40:00.705		20.9	2.27	TAS	m_e
RETH	151.07	PKPbc	20:39:57.440	0.6	20.9	2.27	TAS	m_e
RUE	150.34	PKPdf	20:39:50.550	-0.1	24.5	1.42	TAS	m_e
RUE	150.34	PKPbc	20:39:55.766	-0.2	20.9	2.27	TAS	m_e
STU	154.87	PKPdf	20:39:56.767		24.5	1.42	TAS	m_e
TANN	152.56	PKPdf	20:39:53.778	-0.6	24.5	1.42	TAS	m_e
TANN	152.56	PKPbc	20:40:00.853		20.9	2.27	TAS	m_e
TNS	153.64	PKPdf	20:39:55.723		24.5	1.42	TAS	m_e
TNS	153.64	PKPbc	20:40:03.038		20.9	2.27	TAS	m_e
UBR	155.68	PKPdf	20:39:57.486		24.5	1.42	TAS	m_e
WLF	154.56	PKPdf	20:39:57.328		24.5	1.42	TAS	m_e

Event 20217001 Kermadec Islands, New Zealand

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/17	21:50:48.22			-30.4100	-178.4600				300.0			25		156.12	161.47	m i ke	BGR
20217007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	159.39		PKPab	22:10:49.437	0.2	24.7		4.32		TAS					m_e
ASSE	157.21		PKPab	22:10:39.800	0.2	24.7		4.32		TAS					m_e
BFO	161.29		PKPab	22:10:57.376	-0.1	24.7		4.32		TAS					m_e
BRG	157.50		PKPab	22:10:40.947	-0.2	24.7		4.32		TAS					m_e
BUG	158.48		PKPab	22:10:45.249	-0.3	24.7		4.32		TAS					m_e
CLL	157.38		PKPab	22:10:40.569	0.0	24.7		4.32		TAS					m_e
CLZ	157.54		PKPab	22:10:41.562	-0.5	24.7		4.32		TAS					m_e

FLT1	156.89	PKPab	22:10:37.998	0.3	24.7	4.32	TAS	m_e
FUR	160.70	PKPab	22:10:55.444		24.7	4.32	TAS	m_e
GEC2	159.34	PKPab	22:10:48.951	-0.1	24.7	4.32	TAS	m_e
GOR1	156.26	PKPab	22:10:36.568	-0.0	24.7	4.32	TAS	m_e
GRA1	159.33	PKPab	22:10:49.678	0.3	24.7	4.32	TAS	m_e
GTTG	157.90	PKPab	22:10:43.086	-0.1	24.7	4.32	TAS	m_e
IBBN	157.57	PKPab	22:10:41.743	-0.0	24.7	4.32	TAS	m_e
KAST	158.53	PKPab	22:10:45.357	-0.4	24.7	4.32	TAS	m_e
MOX	158.36	PKPab	22:10:44.931	0.2	24.7	4.32	TAS	m_e
NEUB	157.81	PKPab	22:10:42.463	0.1	24.7	4.32	TAS	m_e
PLN	158.36	PKPab	22:10:45.048	0.0	24.7	4.32	TAS	m_e
RETH	156.89	PKPab	22:10:38.370	-0.1	24.7	4.32	TAS	m_e
RUE	156.12	PKPab	22:10:35.228	-0.5	24.7	4.32	TAS	m_e
STU	160.68	PKPab	22:10:55.114	0.3	24.7	4.32	TAS	m_e
TANN	158.34	PKPab	22:10:45.063	0.2	24.7	4.32	TAS	m_e
TNS	159.46	PKPab	22:10:49.682	0.6	24.7	4.32	TAS	m_e
UBR	161.47	PKPab	22:10:58.141		24.7	4.32	TAS	m_e
WLF	160.37	PKPab	22:10:54.210	-0.7	24.7	4.32	TAS	m_e

Event 20218001 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
2022/02/18	02:55:04.19			38.1830	142.7920				33.0			25		79.32	84.72	m i ke	BGR
	20218007																

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	20218007
Ms	4.6		BGR	20218007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	83.35		P	03:07:26.494	0.0	36.4		5.22		TAS		47.2	1.01	m_e	mb 5.7
ASSE	80.75		P	03:07:12.896	0.3	36.4		5.22		TAS		31.8	0.98	m_e	mb 5.3
BFO	84.72		P	03:07:33.300	-0.1	36.4		5.22		TAS		82.1	0.94	m_e	mb 5.9
BRG	80.52		P	03:07:11.459	0.1	36.4		5.22		TAS		34.8	0.84	m_e	mb 5.4
BUG	82.53		P	03:07:21.698	0.3	36.4		5.22		TAS		33.6	0.77	m_e	mb 5.6
CLL	80.54		P	03:07:11.524	-0.0	36.4		5.22		TAS		72.0	0.84	m_e	mb 5.7
CLZ	81.09		P	03:07:14.826	-0.4	36.4		5.22		TAS		66.0	0.87	m_e	mb 5.7
FLT1	80.39		P	03:07:10.622	0.1	36.4		5.22		TAS		72.4	0.79	m_e	mb 5.7
FUR	83.72		P	03:07:28.856		36.4		5.22		TAS		99.7	0.80	m_e	mb 6.1
GEC2	82.21		P	03:07:20.409	-0.4	36.4		5.22		TAS		31.0	1.03	m_e	mb 5.4
GOR1	79.83		P	03:07:08.277	-0.3	36.4		5.22		TAS		69.8	1.13	m_e	mb 5.5
GRA1	82.52		P	03:07:22.860	-0.1	36.4		5.22		TAS		78.1	0.93	m_e	mb 5.9
GRA1	82.52		L	03:48:45.784						T_		203.5	21.70	a_e	Ms 4.5
GTTG	81.48		P	03:07:16.994	-0.3	36.4		5.22		TAS		57.7	0.85	m_e	mb 5.7
IBBN	81.64		P	03:07:17.632	0.0	36.4		5.22		TAS		81.0	0.78	m_e	mb 5.9
KAST	82.32		P	03:07:21.384	-0.2	36.4		5.22		TAS		22.7	0.90	m_e	mb 5.3

MOX	81.60	P	03:07:17.115	0.1	36.4	5.22	TAS	54.2	1.30	m_e	mb	5.5
MOX	81.60	L	03:46:34.397				T__	326.3	20.30	a_e	Ms	4.7
NEUB	81.10	P	03:07:14.693	-0.2	36.4	5.22	TAS	77.3	0.98	m_e	mb	5.7
PLN	81.52	P	03:07:16.969	-0.1	36.4	5.22	TAS	14.5	1.32	m_e	mb	4.9
RETH	80.73	P	03:07:12.933	0.2	36.4	5.22	TAS	87.2	1.20	m_e	mb	5.7
RUE	79.32	P	03:07:05.064	-0.3	36.4	5.22	TAS	83.8	1.20	m_e	mb	5.6
STU	84.04	P	03:07:30.004	0.4	36.4	5.22	TAS	112.0	0.90	m_e	mb	6.1
TANN	81.46	P	03:07:16.611	-0.2	36.4	5.22	TAS	15.2	0.98	m_e	mb	5.1
TNS	83.12	P	03:07:25.179	0.8	36.4	5.22	TAS	25.4	0.82	m_e	mb	5.5
UBR	84.58	P	03:07:32.729		36.4	5.22	TAS	20.2	0.87	m_e	mb	5.4
WLF	84.40	P	03:07:31.701	-0.1	36.4	5.22	TAS	22.6	0.89	m_e	mb	5.4

Event 20219003 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/19	14:45:15.27			-23.5500	-176.2600				10.0			21		149.17	154.91	m i ke	BGR
OrigID 20219009																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.1		BGR	20219009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
AHRW	152.84		PKPbc	15:05:12.928	0.1	14.8		2.30		TAS				m_e		
AHRW	152.84		PKPab	15:05:23.703		13.0		4.23		TAS				m_e		
ASSE	150.89		PKPbc	15:05:08.222	0.1	14.8		2.30		TAS				m_e		
BFO	154.91		PKPbc	15:05:17.626		14.8		2.30		TAS				m_e		
BFO	154.91		PKPab	15:05:32.326		13.0		4.23		TAS				m_e		
BSEG	149.17		PKPbc	15:05:04.066	-0.2	14.8		2.30		TAS				m_e		
BUG	151.93		PKPbc	15:05:10.309	-0.5	14.8		2.30		TAS				m_e		
CLL	151.30		PKPbc	15:05:09.120	0.0	14.8		2.30		TAS				m_e		
CLL	151.30		PKPab	15:05:17.322	-0.1	13.0		4.23		TAS				m_e		
CLZ	151.21		PKPbc	15:05:09.131	0.2	14.8		2.30		TAS				m_e		
CLZ	151.21		PKPab	15:05:17.215	-0.1	13.0		4.23		TAS				m_e		
FLT1	150.61		PKPbc	15:05:07.391	-0.1	14.8		2.30		TAS				m_e		
FLT1	150.61		PKPab	15:05:13.692	0.0	13.0		4.23		TAS				m_e		
GEC2	153.48		PKPbc	15:05:14.182	-0.1	14.8		2.30		TAS				m_e		
GOR1	149.96		PKPbc	15:05:06.531	0.5	14.8		2.30		TAS				m_e		
GRA1	153.17		PKPbc	15:05:13.953	0.6	14.8		2.30		TAS				m_e		
GRA1	153.17		L	16:23:00.837						T__		252.1	18.30	a_e	Ms	5.1
GTTG	151.56		PKPbc	15:05:09.854	0.1	14.8		2.30		TAS				m_e		
IBBN	151.04		PKPbc	15:05:09.341	0.6	14.8		2.30		TAS				m_e		
KAST	152.07		PKPbc	15:05:10.841	-0.1	14.8		2.30		TAS				m_e		
KAST	152.07		PKPab	15:05:20.892		13.0		4.23		TAS				m_e		
MOX	152.18		PKPbc	15:05:10.817	-0.3	14.8		2.30		TAS				m_e		
MOX	152.18		L	16:22:13.960						T__		265.0	18.10	a_e	Ms	5.1
NEUB	151.63		PKPbc	15:05:09.872	0.0	14.8		2.30		TAS				m_e		

PLN	152.24	PKPbc	15:05:10.862	-0.4	14.8	2.30	TAS	m_e
PLN	152.24	PKPab	15:05:21.337		13.0	4.23	TAS	m_e
RETH	150.46	PKPbc	15:05:06.877	-0.4	14.8	2.30	TAS	m_e
RUE	150.04	PKPbc	15:05:06.138	-0.1	14.8	2.30	TAS	m_e
TANN	152.25	PKPbc	15:05:11.259	-0.0	14.8	2.30	TAS	m_e
TANN	152.25	PKPab	15:05:21.618		13.0	4.23	TAS	m_e
TNS	153.03	PKPbc	15:05:12.843	-0.3	14.8	2.30	TAS	m_e
TNS	153.03	PKPab	15:05:24.496		13.0	4.23	TAS	m_e

Event 20220001 Alaska Peninsula, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/20	11:47:13.18			55.6600	-159.0180				32.8	0.6		24		69.85	76.50	m i ke	BGR
OrigID 20220007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	20220007
Ms	4.6		BGR	20220007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	73.41		P	11:58:40.694	0.1	354.3		5.82		TAS		32.7	1.18	m_e	mb 5.2
AHRW	73.41		sP	11:58:54.131	0.5	354.6		5.86		TAS				m_e	
ASSE	72.11		P	11:58:33.124	0.3	354.3		5.82		TAS		29.2	1.04	m_e	mb 5.3
ASSE	72.11		sP	11:58:46.153	-0.3	354.6		5.86		TAS				m_e	
BFO	75.71		P	11:58:53.641		354.3		5.82		TAS		21.8	1.04	m_e	mb 5.2
BFO	75.71		sP	11:59:07.081		354.6		5.86		TAS				m_e	
BSEG	70.29		P	11:58:22.445	-0.2	354.3		5.82		TAS		45.4	1.02	m_e	mb 5.5
BSEG	70.29		sP	11:58:35.461	-0.2	354.6		5.86		TAS				m_e	
BUG	72.53		P	11:58:35.298	0.0	354.3		5.82		TAS		48.6	0.86	m_e	mb 5.7
BUG	72.53		sP	11:58:48.512	-0.0	354.6		5.86		TAS				m_e	
CLL	73.06		P	11:58:38.397	0.0	354.3		5.82		TAS		30.0	0.94	m_e	mb 5.4
CLL	73.06		sP	11:58:51.611	0.1	354.6		5.86		TAS				m_e	
CLZ	72.38		P	11:58:35.011	-0.2	354.3		5.82		TAS		43.2	1.05	m_e	mb 5.5
CLZ	72.38		sP	11:58:48.350	-0.2	354.6		5.86		TAS				m_e	
FLT1	71.95		P	11:58:31.549	0.3	354.3		5.82		TAS		34.4	1.00	m_e	mb 5.4
FLT1	71.95		sP	11:58:44.840	0.5	354.6		5.86		TAS				m_e	
FUR	76.10		sP	11:59:09.409		354.6		5.86		TAS				m_e	
GEC2	75.56		P	11:58:53.167	-0.1	354.3		5.82		TAS		17.8	0.86	m_e	mb 5.2
GEC2	75.56		sP	11:59:06.589	-0.1	354.6		5.86		TAS				m_e	
GOR1	71.29		sP	11:58:41.661	0.2	354.6		5.86		TAS				m_e	
GRA1	74.57		P	11:58:47.859	-0.4	354.3		5.82		TAS		25.6	0.84	m_e	mb 5.3
GRA1	74.57		sP	11:59:01.007	-0.3	354.6		5.86		TAS				m_e	
GRA1	74.57		L	12:29:47.384						T__		351.7	21.80	a_e	Ms 4.6
GTTG	72.64		P	11:58:36.545	-0.3	354.3		5.82		TAS		50.4	0.86	m_e	mb 5.7
IBBN	71.72		P	11:58:30.832	-0.0	354.3		5.82		TAS		47.6	0.90	m_e	mb 5.6
IBBN	71.72		sP	11:58:43.935	-0.2	354.6		5.86		TAS				m_e	

KAST	72.87	P	11:58:37.541	-0.0	354.3	5.82	TAS	24.9	0.99	m_e	mb	5.3
KAST	72.87	sP	11:58:50.730	0.2	354.6	5.86	TAS			m_e		
MOX	73.65	P	11:58:42.067	0.1	354.3	5.82	TAS	44.1	0.92	m_e	mb	5.5
MOX	73.65	sP	11:58:55.463	0.1	354.6	5.86	TAS			m_e		
MOX	73.65	L	12:26:13.927				T__	296.4	20.90	a_e	Ms	4.5
NEUB	73.11	P	11:58:38.994	0.1	354.3	5.82	TAS	49.4	0.91	m_e	mb	5.6
NEUB	73.11	sP	11:58:52.112	0.0	354.6	5.86	TAS			m_e		
PLN	73.84	P	11:58:43.253	0.3	354.3	5.82	TAS	11.4	1.09	m_e	mb	4.8
PLN	73.84	sP	11:58:56.446	0.3	354.6	5.86	TAS			m_e		
RETH	71.41	P	11:58:28.929	0.0	354.3	5.82	TAS	33.8	1.20	m_e	mb	5.3
RETH	71.41	sP	11:58:42.052	-0.1	354.6	5.86	TAS			m_e		
RGN	69.85	P	11:58:20.074	0.2	354.3	5.82	TAS	171.4	1.01	m_e	mb	6.1
RUE	71.94	P	11:58:32.272	-0.6	354.3	5.82	TAS	76.5	1.01	m_e	mb	5.8
RUE	71.94	sP	11:58:45.425	-0.5	354.6	5.86	TAS			m_e		
STU	75.34	P	11:58:52.046		354.3	5.82	TAS	72.7	1.02	m_e	mb	5.7
STU	75.34	sP	11:59:05.152		354.6	5.86	TAS			m_e		
TANN	73.93	P	11:58:43.829	0.4	354.3	5.82	TAS	24.4	1.23	m_e	mb	5.1
TANN	73.93	sP	11:58:57.087	0.1	354.6	5.86	TAS			m_e		
TNS	73.84	P	11:58:43.283	-0.0	354.3	5.82	TAS	30.5	0.87	m_e	mb	5.3
TNS	73.84	sP	11:58:56.567	-0.1	354.6	5.86	TAS			m_e		
UBR	76.50	P	11:58:58.559		354.3	5.82	TAS	31.1	1.21	m_e	mb	5.3
UBR	76.50	sP	11:59:11.906		354.6	5.86	TAS			m_e		
WLF	74.19	P	11:58:45.457	0.1	354.3	5.82	TAS	46.7	1.00	m_e	mb	5.5
WLF	74.19	sP	11:58:58.942	-0.3	354.6	5.86	TAS			m_e		

Event 20220002 East of Australia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/20	18:29:28.10			6.0100	126.6400				59.0					101.41	101.41	m i ke	NEIC
20220041																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	101.41		PKPab	18:43:13.518		67.6		4.08		TAS					m_e

Event 20221003 Balleny Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/21	23:24:12.80			-69.8150	165.2200				10.0				9	155.89	159.53	m i ke	NEIC
20221042																	

Magnitude Err Nsta Author OrigID

Ms 6.7 BGR 20221009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	158.82		PKPab	23:44:46.591		157.6		4.41		TAS				m_e	
CLL	157.30		PKPab	23:44:40.257		157.6		4.41		TAS				m_e	
CLZ	158.46		PKPab	23:44:45.079		157.6		4.41		TAS				m_e	
GRA1	156.27		PKPab	23:44:35.531	0.4	157.6		4.41		TAS				m_e	
GRA1	156.27		L	00:57:10.181						T__		11616.6	20.30	a_e Ms	6.7
GTTG	158.29		PKPab	23:44:44.606		157.6		4.41		TAS				m_e	
MOX	157.05		L	00:57:48.259						T__		10428.3	20.00	a_e Ms	6.7
PLN	156.77		PKPab	23:44:37.327	0.0	157.6		4.41		TAS				m_e	
RETH	159.53		PKPab	23:44:49.711		157.6		4.41		TAS				m_e	
RUE	158.15		PKPab	23:44:43.755		157.6		4.41		TAS				m_e	
STU	155.89		PKPab	23:44:33.640	-0.4	157.6		4.41		TAS				m_e	

Event 20222001 Jujuy Province, Argentina

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/22	06:12:49.70			-22.6900	-66.2400				231.0					99.34	99.34	m i ke	EMSC
OrigID 20222033																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	99.34		Pdiff	06:26:05.429						T__				m_e	

Event 20222002 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/22	10:11:25.81			64.7330	-18.1380				33.0					20.95	21.58	m i ke	BGR
OrigID 20222008																	

Magnitude Err Nsta Author OrigID

mb	5.1		BGR	20222008
Ms	4.3		BGR	20222008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	21.58		P	10:16:12.560		323.7		10.57		TAS		142.8	1.80	m_e mb	5.1
GRA1	21.58		L	10:25:40.409						T__		1173.2	18.90	a_e Ms	4.3
MOX	20.95		L	10:24:25.678						T__		1475.8	21.60	a_e Ms	4.3

Event 20222003 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/22	10:44:13.24			-16.5130	-175.2710				173.5	1.3		12		144.71	148.91	m i ke	BGR
OrigID 20222009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	145.91		PKPbc	11:03:29.334		11.3		2.96		TAS					m_e
AHRW	145.91		pPKPbc	11:04:14.036		9.7		3.07		TAS					m_e
BFO	148.04		pPKPbc	11:04:20.909		9.7		3.07		TAS					m_e
BUG	145.00		PKPbc	11:03:27.461		11.3		2.96		TAS					m_e
GEC2	146.84		PKPbc	11:03:32.460		11.3		2.96		TAS					m_e
GEC2	146.84		pPKPbc	11:04:17.542		9.7		3.07		TAS					m_e
GRA1	146.40		PKPbc	11:03:32.855		11.3		2.96		TAS					m_e
GRA1	146.40		pPKPab	11:04:16.534						T__					m_e
GTTG	144.71		PKPbc	11:03:26.548		11.3		2.96		TAS					m_e
KAST	145.17		PKPbc	11:03:28.117		11.3		2.96		TAS					m_e
MOX	145.41		PKPbc	11:03:27.856		11.3		2.96		TAS					m_e
NEUB	144.85		PKPbc	11:03:26.770		11.3		2.96		TAS					m_e
OBKA	148.91		PKPbc	11:03:38.884		11.3		2.96		TAS					m_e
PLN	145.50		PKPbc	11:03:27.990		11.3		2.96		TAS					m_e
SQTA	148.82		pPKPbc	11:04:22.998		9.7		3.07		TAS					m_e
TANN	145.52		PKPbc	11:03:28.261		11.3		2.96		TAS					m_e
TNS	146.15		PKPbc	11:03:30.388		11.3		2.96		TAS					m_e
TNS	146.15		pPKPbc	11:04:14.914		9.7		3.07		TAS					m_e
WLF	146.82		pPKPbc	11:04:17.407		9.7		3.07		TAS					m_e

Event 20223003 Caribbean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/23	12:49:31.80			7.8400	-74.2600				57.0				23	77.87	82.82	m i ke	NEIC
OrigID 20223042																	

Magnitude Err Nsta Author OrigID

mb	5.5		BGR	20223009
Ms	4.8		BGR	20223009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	78.49		P	13:01:27.864	1.6	270.5		6.20		TAS		112.3	1.29	m_e mb	5.8
ASSE	80.76		P	13:01:40.146	-2.3	270.5		6.20		TAS		112.2	1.46	m_e mb	5.7
BFO	79.28		P	13:01:31.092		270.5		6.20		TAS		32.3	1.03	m_e mb	5.3
BSEG	80.52		P	13:01:38.690	0.5	270.5		6.20		TAS		83.5	1.20	m_e mb	5.6
BUG	78.64		P	13:01:28.250	11.8	270.5		6.20		TAS		60.9	1.06	m_e mb	5.6

CLL	82.23	P	13:01:47.621	-1.5	270.5	6.20	TAS	28.6	1.00	m_e	mb	5.4
CLZ	80.57	P	13:01:39.164	0.1	270.5	6.20	TAS	60.8	1.19	m_e	mb	5.5
FLT1	81.10	P	13:01:41.445	0.6	270.5	6.20	TAS	83.9	1.26	m_e	mb	5.6
GEC2	82.82	P	13:01:50.709		270.5	6.20	TAS	44.2	1.08	m_e	mb	5.6
GRA1	81.16	P	13:01:42.008	-0.1	270.5	6.20	TAS	160.5	1.80	m_e	mb	5.8
GRA1	81.16	L	13:35:36.625				T__	390.1	22.00	a_e	Ms	4.7
GTTG	80.32	P	13:01:37.672	-1.4	270.5	6.20	TAS	67.1	1.25	m_e	mb	5.4
IBBN	78.96	P	13:01:30.250	-0.4	270.5	6.20	TAS	110.9	1.18	m_e	mb	5.8
KAST	79.35	P	13:01:32.087	1.2	270.5	6.20	TAS	28.1	1.11	m_e	mb	5.2
MOX	81.38	P	13:01:43.024	0.3	270.5	6.20	TAS	37.8	1.36	m_e	mb	5.2
MOX	81.38	L	13:30:15.121				T__	468.6	21.30	a_e	Ms	4.8
NEUB	81.46	P	13:01:43.761	-1.6	270.5	6.20	TAS	50.9	1.03	m_e	mb	5.5
PLN	81.73	P	13:01:45.118	-1.1	270.5	6.20	TAS	18.4	1.17	m_e	mb	5.1
RETH	79.95	P	13:01:35.900	-0.7	270.5	6.20	TAS	103.6	1.27	m_e	mb	5.6
STU	79.85	P	13:01:34.812		270.5	6.20	TAS	223.1	1.20	m_e	mb	6.0
TANN	81.93	P	13:01:46.217	-2.6	270.5	6.20	TAS	52.4	1.15	m_e	mb	5.6
TNS	79.37	P	13:01:32.321	0.0	270.5	6.20	TAS	83.1	1.18	m_e	mb	5.7
UBR	80.48	P	13:01:38.427		270.5	6.20	TAS	84.8	1.44	m_e	mb	5.5
WLF	77.87	P	13:01:24.215	-0.1	270.5	6.20	TAS	84.5	1.04	m_e	mb	5.8

Event 20224001 New Britain, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/24	04:12:23.40			-5.5200	151.8300				35.0					124.88	124.88	m i ke	EMSC
OrigID 20224033																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	124.88		PKPdf	04:31:19.283		50.4		0.97		TAS		12.4	0.88	m_e	

Event 20225003 Northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/25	01:39:28.57			0.5890	101.3780				33.0				14	88.05	91.42	m i ke	BGR
OrigID 20225009																	

Magnitude Err Nsta Author OrigID

mb	6.1		BGR	20225009
Ms	6.0		BGR	20225009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	89.98		P	01:52:24.189	-0.9	89.5		4.67		TAS		128.5	1.03	m_e	mb	6.1

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CLL	88.54	P	01:52:18.388	0.0	89.5	4.67	TAS	109.4	1.19	m_e	mb	6.0
CLZ	90.17	P	01:52:25.454	0.7	89.5	4.67	TAS	219.5	1.23	m_e	mb	6.2
FLT1	89.63	P	01:52:22.087	-0.4	89.5	4.67	TAS	82.6	0.99	m_e	mb	5.9
FUR	89.65	P	01:52:22.867		89.5	4.67	TAS	254.1	1.96	m_e	mb	6.1
GEC2	88.05	P	01:52:15.497		89.5	4.67	TAS	420.6	2.03	m_e	mb	6.4
GRA1	89.67	P	01:52:23.464		89.5	4.67	TAS	89.2	1.05	m_e	mb	5.9
GRA1	89.67	L	02:42:07.172				T__	5991.1	18.30	a_e	Ms	6.1
GTTG	90.44	P	01:52:27.742	-0.6	89.5	4.67	TAS	175.7	1.14	m_e	mb	6.2
KAST	91.42	P	01:52:31.454	-0.1	89.5	4.67	TAS	321.4	1.92	m_e	mb	6.3
MOX	89.41	P	01:52:20.992		89.5	4.67	TAS	149.0	1.42	m_e	mb	6.0
MOX	89.41	L	02:37:14.806				T__	5080.2	20.50	a_e	Ms	5.9
NEUB	89.31	P	01:52:21.032		89.5	4.67	TAS	228.3	1.13	m_e	mb	6.3
PLN	89.07	P	01:52:21.023		89.5	4.67	TAS	32.5	1.26	m_e	mb	5.4
RUE	88.08	P	01:52:16.156	0.6	89.5	4.67	TAS	312.8	0.98	m_e	mb	6.6
TANN	88.87	P	01:52:18.792		89.5	4.67	TAS	173.5	1.77	m_e	mb	6.0

Event 20225002 Off east coast of Kamchatka Peninsula, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/25	13:48:49.92			55.2380	163.9280				33.0			14		68.92	74.66	m i ke	BGR
20225008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	20225008
Ms	4.8		BGR	20225008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	70.60		P	14:00:00.363	0.1	15.9		5.95		TAS		77.8	1.61	m_e	mb	5.6
BFO	74.66		P	14:00:24.305		15.9		5.95		TAS		22.0	1.02	m_e	mb	5.1
BSEG	68.92		P	13:59:50.570	0.2	15.9		5.95		TAS		38.4	1.06	m_e	mb	5.6
CLL	70.98		P	14:00:02.467	0.2	15.9		5.95		TAS		50.4	1.29	m_e	mb	5.5
CLZ	70.93		P	14:00:02.824	0.0	15.9		5.95		TAS		112.0	1.71	m_e	mb	5.7
GEC2	73.20		P	14:00:16.383		15.9		5.95		TAS		26.1	1.13	m_e	mb	5.3
GRA1	72.85		P	14:00:14.511		15.9		5.95		TAS		65.9	1.30	m_e	mb	5.6
GRA1	72.85		L	14:30:45.092						T__		509.6	21.60	a_e	Ms	4.8
IBBN	70.89		P	14:00:02.459	-0.6	15.9		5.95		TAS		66.3	1.14	m_e	mb	5.7
KAST	71.86		P	14:00:09.079	-0.6	15.9		5.95		TAS		22.1	1.08	m_e	mb	5.2
MOX	71.86		P	14:00:08.394		15.9		5.95		TAS		32.0	1.20	m_e	mb	5.3
MOX	71.86		L	14:32:39.341						T__		654.6	21.80	a_e	Ms	4.9
PLN	71.92		P	14:00:08.668		15.9		5.95		TAS		26.4	1.66	m_e	mb	5.1
RETH	70.23		P	13:59:58.381	-0.4	15.9		5.95		TAS		47.7	1.50	m_e	mb	5.4
RUE	69.72		P	13:59:55.749	0.1	15.9		5.95		TAS		79.0	1.28	m_e	mb	5.7
TANN	71.93		P	14:00:08.806		15.9		5.95		TAS		37.9	1.53	m_e	mb	5.3

Event 20226002 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/26	04:22:10.60			-20.6100	169.4400				60.0				18	144.05	148.39	m i ke	EMSC
OrigID 20226034																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	144.42		PKPbc	04:41:38.237	-1.0	38.7		2.77		TAS					m_e
BFO	148.39		PKPbc	04:41:53.793		38.7		2.77		TAS					m_e
BRG	144.14		PKPbc	04:41:51.987	3.4	38.7		2.77		TAS					m_e
CLL	144.19		PKPbc	04:41:37.334	-1.0	38.7		2.77		TAS					m_e
CLZ	144.76		PKPbc	04:41:39.542	-1.6	38.7		2.77		TAS					m_e
FLT1	144.05		PKPbc	04:41:36.431	11.7	38.7		2.77		TAS					m_e
FUR	147.32		PKPbc	04:41:49.678		38.7		2.77		TAS					m_e
GEC2	145.75		PKPbc	04:41:42.553		38.7		2.77		TAS					m_e
GRA1	146.16		PKPbc	04:41:44.058		38.7		2.77		TAS					m_e
GTTG	145.15		PKPbc	04:41:40.947	-1.7	38.7		2.77		TAS					m_e
IBBN	145.25		PKPbc	04:41:40.947	-1.2	38.7		2.77		TAS					m_e
MOX	145.25		PKPbc	04:41:41.348	0.7	38.7		2.77		TAS					m_e
NEUB	144.76		PKPbc	04:41:39.642	-0.7	38.7		2.77		TAS					m_e
PLN	145.16		PKPbc	04:41:40.847		38.7		2.77		TAS					m_e
STU	147.70		PKPbc	04:41:48.073		38.7		2.77		TAS					m_e
TANN	145.10		PKPbc	04:41:40.746		38.7		2.77		TAS					m_e
UBR	148.20		PKPbc	04:41:49.240		38.7		2.77		TAS					m_e
WLF	148.04		PKPbc	04:41:49.478		38.7		2.77		TAS					m_e

Event 20226001 Mindoro, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/26	06:16:18.45			12.0480	121.7350				33.0				12	91.14	94.57	m i ke	BGR
OrigID 20226007																	

Magnitude Err Nsta Author OrigID

mb 5.5 BGR 20226007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	93.03		P	06:29:28.231	0.1	66.6		4.56		TAS		64.8	1.67	m_e mb	5.8
BSEG	92.48		P	06:29:25.437	-0.3	66.6		4.56		TAS		16.6	0.78	m_e mb	5.5
CLL	92.02		P	06:29:23.057	-0.1	66.6		4.56		TAS		25.8	1.22	m_e mb	5.4
CLZ	93.31		P	06:29:29.524	-0.1	66.6		4.56		TAS		22.3	0.80	m_e mb	5.7
FLT1	92.63		P	06:29:25.690	0.2	66.6		4.56		TAS		13.9	0.75	m_e mb	5.5
GTTG	93.67		P	06:29:31.414		66.6		4.56		TAS		20.8	0.74	m_e mb	5.5
IBBN	94.57		P	06:29:34.998		66.6		4.56		TAS		21.3	0.82	m_e mb	5.6

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MOX	93.08	P	06:29:28.131		66.6	4.56	TAS	8.7	0.78	m_e	mb	5.2
NEUB	92.78	P	06:29:26.747	0.5	66.6	4.56	TAS	28.6	0.78	m_e	mb	5.8
PLN	92.83	P	06:29:27.205		66.6	4.56	TAS	11.1	1.45	m_e	mb	5.1
RUE	91.14	P	06:29:19.818	-0.1	66.6	4.56	TAS	53.7	0.79	m_e	mb	5.9
TANN	92.68	P	06:29:26.293		66.6	4.56	TAS	9.4	0.82	m_e	mb	5.3

Event 20227001 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/27	16:33:49.14			44.9110	146.9140				33.0			13		75.79	80.19	m i ke	BGR
OrigID																	
20227007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	20227007
Ms	4.9		BGR	20227007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	76.14		P	16:45:32.418	-0.1	30.4		5.56		TAS		17.6	1.03	m_e	mb	5.1
BFO	80.19		P	16:45:55.176		30.4		5.56		TAS		11.6	0.94	m_e	mb	4.8
CLL	76.10		P	16:45:32.132	-0.6	30.4		5.56		TAS		21.5	0.67	m_e	mb	5.4
CLZ	76.48		P	16:45:34.691	0.5	30.4		5.56		TAS		26.3	0.85	m_e	mb	5.4
FLT1	75.79		P	16:45:30.299	0.0	30.4		5.56		TAS		21.3	0.74	m_e	mb	5.4
FUR	79.37		P	16:45:49.877		30.4		5.56		TAS		86.0	1.46	m_e	mb	5.6
GEC2	77.96		P	16:45:42.889		30.4		5.56		TAS		7.8	0.76	m_e	mb	4.9
GRA1	78.07		P	16:45:43.808		30.4		5.56		TAS		43.9	0.84	m_e	mb	5.6
GRA1	78.07		L	17:25:34.714						T__		496.9	19.80	a_e	Ms	4.8
GTTG	76.87		P	16:45:36.595	0.3	30.4		5.56		TAS		18.9	0.74	m_e	mb	5.3
MOX	77.12		P	16:45:38.005		30.4		5.56		TAS		30.4	1.36	m_e	mb	5.2
MOX	77.12		L	17:24:55.759						T__		753.2	18.70	a_e	Ms	5.0
NEUB	76.60		P	16:45:34.916		30.4		5.56		TAS		61.9	1.47	m_e	mb	5.5
PLN	77.08		P	16:45:37.782		30.4		5.56		TAS		7.5	1.34	m_e	mb	4.7
TNS	78.49		P	16:45:45.485		30.4		5.56		TAS		11.8	0.75	m_e	mb	5.0

Event 20228002 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/28	11:35:20.13			45.0910	147.4050				33.0			13		75.78	80.18	m i ke	BGR
OrigID																	
20228008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	20228008
Ms	4.8		BGR	20228008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	80.18		P	11:47:25.564		30.0		5.56		TAS					m_e
CLL	76.10		P	11:47:03.104	0.0	30.0		5.56		TAS		38.4	0.81	m_e	mb 5.6
CLZ	76.47		P	11:47:05.896	-0.0	30.0		5.56		TAS		31.8	0.83	m_e	mb 5.5
FLT1	75.78		P	11:47:01.088	0.1	30.0		5.56		TAS		30.2	0.86	m_e	mb 5.5
FUR	79.38		P	11:47:21.607		30.0		5.56		TAS		56.3	0.96	m_e	mb 5.6
GEC2	77.97		P	11:47:13.715		30.0		5.56		TAS		22.8	1.16	m_e	mb 5.2
GRA1	78.07		P	11:47:14.796		30.0		5.56		TAS		68.6	0.99	m_e	mb 5.7
GRA1	78.07		L	12:27:06.324						T__		508.3	19.10	a_e	Ms 4.9
GTTG	76.86		P	11:47:07.728	0.2	30.0		5.56		TAS		27.7	0.84	m_e	mb 5.4
IBBN	76.84		P	11:47:07.357	0.1	30.0		5.56		TAS		25.6	0.87	m_e	mb 5.4
MOX	77.12		P	11:47:09.124		30.0		5.56		TAS		16.9	0.89	m_e	mb 5.2
MOX	77.12		L	12:25:57.745						T__		396.5	20.50	a_e	Ms 4.7
NEUB	76.60		P	11:47:06.070		30.0		5.56		TAS		31.4	0.80	m_e	mb 5.5
STU	79.52		P	11:47:22.624		30.0		5.56		TAS		100.3	1.06	m_e	mb 5.7
TNS	78.48		P	11:47:16.628		30.0		5.56		TAS		28.6	1.09	m_e	mb 5.2

Event 20228001 Kuril Islands, Russia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2022/02/28	22:04:41.25			44.7940	148.2390				33.0			14		75.39	80.71	m i ke	BGR
	20228007																

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	20228007
Ms	4.9		BGR	20228007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
AHRW	79.12		P	22:16:41.163		29.6		5.52		TAS		35.2	1.12	m_e	mb 5.3
BFO	80.71		P	22:16:49.731		29.6		5.52		TAS		20.3	1.00	m_e	mb 5.1
CLL	76.64		P	22:16:27.105	-0.4	29.6		5.52		TAS		30.1	0.90	m_e	mb 5.4
CLZ	76.99		P	22:16:30.053	-0.1	29.6		5.52		TAS		29.5	0.95	m_e	mb 5.4
FLT1	76.31		P	22:16:25.373	-0.2	29.6		5.52		TAS		26.8	0.92	m_e	mb 5.4
FUR	79.92		P	22:16:45.905		29.6		5.52		TAS		53.4	1.10	m_e	mb 5.4
GEC2	78.52		P	22:16:38.070		29.6		5.52		TAS		15.1	1.11	m_e	mb 4.9
GOR1	75.71		P	22:16:22.755	0.5	29.6		5.52		TAS		110.7	1.46	m_e	mb 5.8
GRA1	78.61		P	22:16:38.863		29.6		5.52		TAS		38.5	0.92	m_e	mb 5.4
GRA1	78.61		L	22:56:12.378						T__		729.8	18.50	a_e	Ms 5.0
GTTG	77.38		P	22:16:31.798	0.4	29.6		5.52		TAS				m_e	
KAST	78.14		P	22:16:35.923	0.2	29.6		5.52		TAS		20.0	1.09	m_e	mb 5.2
MOX	77.65		P	22:16:33.231		29.6		5.52		TAS		19.9	1.11	m_e	mb 5.2
MOX	77.65		L	22:50:23.178						T__		554.9	21.80	a_e	Ms 4.8
NEUB	77.13		P	22:16:30.132		29.6		5.52		TAS		29.2	0.96	m_e	mb 5.4
RUE	75.39		P	22:16:20.693	-0.5	29.6		5.52		TAS		252.1	1.89	m_e	mb 5.9

