

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

February 2021 UPDATED 29.July 2022

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

Event 10201001 Aegean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/01	06:00:04.70			38.9400	26.0700				16.0					15.08	15.08	m i ke	EMSC
OrigID 10201033																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	15.08		P	06:03:45.005		129.8		11.26		TAS		10.5	0.93	m_e	

Event 10201002 Aegean Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/01	08:35:17.40			38.9600	26.0800				10.0					15.07	15.51	m i ke	EMSC
OrigID 10201034																	

Magnitude Err Nsta Author OrigID

Ms 4.1 BGR 10201008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	15.07		P	08:38:52.480		129.8		11.09		TAS		48.5	1.48	m_e	
GRA1	15.07		L	08:45:57.692						T__		1311.4	18.90	a_e Ms	4.1
MOX	15.51		L	08:44:39.763						T__		1472.0	18.90	a_e Ms	4.2

Event 10201003 Aegean Sea
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/02/01 13:10:15.50 38.9500 26.0400 33.0 15.06 15.06 m i ke EMSC
10201035

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 15.06 P 13:13:54.961 129.9 10.50 TAS 15.5 0.93 m_e

Event 10201004 Turkey
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/02/01 20:46:14.21 38.9900 26.1200 33.0 15.06 15.06 m i ke EMSC
10201036

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 15.06 P 20:49:49.387 129.6 11.43 TAS m_e

Event 10202001 Turkey
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/02/02 00:02:43.70 39.1000 36.1000 5.0 20.59 20.59 m i ke EMSC
10202033

Magnitude Err Nsta Author OrigID
mb 4.3 BGR 10202007

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 20.59 P 00:07:24.191 111.5 12.96 TAS 26.1 1.57 m_e mb 4.3

Event 10202003 Xizang
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/02/02 02:31:15.00 28.8600 87.5900 10.0 60.01 60.01 m i ke EMSC
10202035

Magnitude Err Nsta Author OrigID
mb 5.0 BGR 10202009

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 60.01 P 02:41:22.018 79.7 6.12 TAS 19.8 1.23 m_e mb 5.0

Event 10202006 Fiji Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/02/02 20:49:27.80 -16.2300 178.0100 10.0 143.88 144.87 m i ke EMSC
10202038

Magnitude Err Nsta Author OrigID
Ms 5.3 BGR 10202012

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 144.87 PKP 21:09:04.777 22.5 3.19 TAS m_e
GRA1 144.87 L 22:19:17.017 T__ 506.2 21.90 a_e Ms 5.2
MOX 143.88 L 22:13:29.688 T__ 589.3 21.80 a_e Ms 5.3

Event 10203001 Tonga Islands region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/02/02 23:58:34.30 -22.5600 -172.0000 33.0 151.74 152.71 m i ke NEIC
10203040

Magnitude Err Nsta Author OrigID
Ms 5.4 BGR 10203007

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 152.71 PKP 00:18:23.368 6.7 1.99 TAS m_e
GRA1 152.71 L 01:25:19.582 T__ 799.9 20.70 a_e Ms 5.5
MOX 151.74 L 01:16:41.666 T__ 540.9 21.90 a_e Ms 5.3

Event 10203002 Southeast of Loyalty Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/02/03 00:42:18.60 -22.5800 172.1700 10.0 149.01 149.01 m i ke EMSC
10203034

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 149.01 PKP 01:02:13.884 35.9 2.19 TAS m_e

Event 10203003 Fiji Islands region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/02/03 01:38:55.60 -20.4100 -177.6700 537.0 149.85 149.85 m i ke EMSC
10203035

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 149.85 PKP 01:57:45.698 16.8 1.89 TAS m_e

Event 10203004 West Chile Rise

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/02/03 05:23:44.90 -36.1600 -97.6800 10.0 128.15 128.61 m i ke EMSC
10203036

Magnitude Err Nsta Author OrigID

Ms 5.9 BGR 10203010

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 128.15 PKP 05:42:47.722 256.6 1.95 TAS m_e
GRA1 128.15 L 06:35:40.401 T__ 3084.3 21.40 a_e Ms 6.0
MOX 128.61 L 06:36:47.523 T__ 2212.3 20.80 a_e Ms 5.8

Event 10203006 Komandorsky Islands, Russia, region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/02/03 10:20:21.50 55.0600 165.6200 20.0 73.32 73.32 m i ke EMSC
10203038

Magnitude Err Nsta Author OrigID

mb 4.9 BGR 10203012

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

GRA1 73.32 P 10:31:52.607 15.0 5.08 TAS 8.8 0.98 m_e mb 4.9

Event 10204003 Xizang

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/04	05:06:24.10			28.7500	87.3600				10.0					59.94	59.94	m i ke	NEIC
OrigID 10204042																	

Magnitude Err Nsta Author OrigID
mb 5.0 BGR 10204009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	59.94		P	05:16:31.143		80.0		6.20		TAS		19.1	1.12	m_e mb	5.0

Event 10204004 Philippine Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	
2021/02/04	07:48:12.40			14.6100	118.8300				21.0					12	87.89	91.52	m i ke	NEIC
OrigID 10204043																		

Magnitude Err Nsta Author OrigID
mb 5.0 BGR 10204010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	87.89		P	08:01:00.527		67.3		4.89		TAS		28.8	1.49	m_e mb	5.4
BUG	91.52		P	08:01:18.814	0.3	67.3		4.89		TAS		18.3	1.02	m_e mb	5.3
CLL	88.28		P	08:01:02.548		67.3		4.89		TAS		5.4	0.80	m_e mb	4.9
CLZ	89.59		P	08:01:09.586	0.2	67.3		4.89		TAS		8.8	0.96	m_e mb	5.0
GEC2	88.76		P	08:01:04.948		67.3		4.89		TAS		4.8	1.05	m_e mb	4.7
GRA1	89.95		P	08:01:10.764		67.3		4.89		TAS		13.2	0.90	m_e mb	5.2
MOX	89.34		P	08:01:07.191		67.3		4.89		TAS		4.4	0.86	m_e mb	4.7
NEUB	89.04		P	08:01:06.027		67.3		4.89		TAS		7.3	0.78	m_e mb	5.0
PLN	89.09		P	08:01:06.148		67.3		4.89		TAS		2.8	1.20	m_e mb	4.4
TANN	88.93		P	08:01:05.302		67.3		4.89		TAS		21.2	1.61	m_e mb	5.1
TNS	91.37		P	08:01:17.124		67.3		4.89		TAS		4.8	0.80	m_e mb	4.9
WET	89.15		P	08:01:06.808		67.3		4.89		TAS		9.3	1.40	m_e mb	4.8

Event 10204005 Taiwan region

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

./bul2102.txt Wed Oct 05 11:00:17 2022 6

2021/02/04 08:14:10.35 23.2350 122.9710 33.0 85.54 85.54 m i ke BGR
10204011

Magnitude Err Nsta Author OrigID
mb 5.2 BGR 10204011

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 85.54 P 08:26:44.712 66.3 4.78 TAS 23.0 1.24 m_e mb 5.2

Event 10204008 Southeast of Loyalty Islands

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/02/04 12:14:26.00 -22.6200 171.9400 10.0 148.96 148.96 m i ke NEIC
10204047

Magnitude Err Nsta Author OrigID

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 148.96 PKP 12:34:12.763 36.3 2.91 TAS m_e

Event 10204009 Chagos Archipelago region

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/02/04 13:38:44.95 -4.9310 68.0190 33.0 73.21 73.21 m i ke BGR
10204015

Magnitude Err Nsta Author OrigID
mb 5.1 BGR 10204015

Sta Dist EvAz Phase Time TRes Azim AzRes Slow SRes Def SNR Amp Per Qual Magnitude
GRA1 73.21 P 13:50:13.564 120.8 7.20 TAS 22.3 1.52 m_e mb 5.1

Event 10204010 Kuril Islands, Russia

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/02/04 19:27:35.95 45.1510 147.9840 33.0 78.21 78.21 m i ke BGR
10204016

Magnitude Err Nsta Author OrigID
mb 5.6 BGR 10204016

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	78.21		P	19:39:31.362		28.8		4.82		TAS		45.0	0.99	m_e mb	5.6

Event 10205008 Western Caucasus

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/05	15:36:27.39			41.5840	44.2880				33.0					24.33	24.33	m i ke	BGR
OrigID 10205014																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	10205014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	24.33		P	15:41:41.935		103.7		9.20		TAS		16.1	1.14	m_e mb	4.5

Event 10205009 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/05	22:32:15.45			-18.4440	174.5070				33.0					145.99	145.99	m i ke	BGR
OrigID 10205015																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.5		BGR	10205014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	145.99		PKPbc	22:51:51.296		22.9		3.76		TAS				m_e	

Event 10206001 Near coast of southeastern China

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/06	17:36:08.07			26.4900	119.9400				128.7	2.7		12		79.18	84.07	m i ke	BGR
OrigID 10206007																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.9		BGR	10206007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	79.18		P	17:48:10.418	0.0	59.1		5.27		TAS		3.8	0.91	m_e mb	4.4
BSEG	79.58		P	17:48:12.651	0.3	59.1		5.27		TAS		12.8	0.94	m_e mb	4.8
CLL	79.49		P	17:48:11.838	-0.2	59.1		5.27		TAS		10.4	1.09	m_e mb	4.7

CLL	79.49	pP	17:48:44.711	-1.0						T__					m_e	
CLZ	80.63	P	17:48:18.104	0.1	59.1		5.27			TAS	9.4	0.93	m_e	mb		4.8
FLT1	79.93	P	17:48:14.330	0.1	59.1		5.27			TAS	6.6	0.81	m_e	mb		4.6
FLT1	79.93	pP	17:48:46.630	-1.0						T__					m_e	
FUR	82.04	P	17:48:25.741	-0.0	59.1		5.27			TAS	27.4	1.01	m_e	mb		5.3
FUR	82.04	pP	17:48:57.588	-1.0						T__					m_e	
GEC2	80.31	P	17:48:16.517	0.3	59.1		5.27			TAS	14.1	1.16	m_e	mb		4.8
GEC2	80.31	pP	17:48:49.537	-1.0						T__					m_e	
MOX	80.58	P	17:48:17.110	-0.7	59.1		5.27			TAS	13.3	1.30	m_e	mb		4.8
TNS	82.52	P	17:48:27.757	-1.0	59.1		5.27			TAS	8.2	1.05	m_e	mb		4.9
UBR	82.97	P	17:48:30.291		59.1		5.27			TAS	35.7	1.47	m_e	mb		5.4
UBR	82.97	pP	17:49:02.348	-1.0						T__					m_e	
WET	80.63	P	17:48:17.921	0.2	59.1		5.27			TAS	6.2	1.18	m_e	mb		4.5
WET	80.63	pP	17:48:50.701	-1.0						T__					m_e	
WLF	84.07	P	17:48:36.112	-0.1	59.1		5.27			TAS	21.9	0.94	m_e	mb		5.4
WLF	84.07	pP	17:49:08.420	-1.0						T__					m_e	

Event 10206002 Unimak Island, Alaska, United States, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/06	18:39:42.81			53.7020	-163.8460				33.0			9		74.13	78.73	m i ke	BGR
	10206008																

Magnitude Err Nsta Author OrigID
 mb 4.7 BGR 10206008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	74.31		P	18:51:16.518	-0.1	357.0		5.66		TAS		6.7	0.92	m_e	mb 4.7
BFO	77.99		P	18:51:37.519		357.0		5.66		TAS		3.8	0.71	m_e	mb 4.6
BRG	75.65		P	18:51:24.292		357.0		5.66		TAS		5.7	0.95	m_e	mb 4.7
CLL	75.20		P	18:51:21.798		357.0		5.66		TAS		4.6	0.81	m_e	mb 4.5
CLZ	74.58		P	18:51:18.224	-0.1	357.0		5.66		TAS		5.8	0.79	m_e	mb 4.7
FLT1	74.13		P	18:51:15.125	-0.1	357.0		5.66		TAS		5.0	0.85	m_e	mb 4.6
GEC2	77.67		P	18:51:35.730		357.0		5.66		TAS		3.0	0.73	m_e	mb 4.5
GTTG	74.86		P	18:51:19.887	-0.2	357.0		5.66		TAS		12.0	0.75	m_e	mb 5.0
KAST	75.13		P	18:51:21.470		357.0		5.66		TAS		4.8	0.89	m_e	mb 4.5
MOX	75.82		P	18:51:25.377	0.2	357.0		5.66		TAS		6.5	0.82	m_e	mb 4.8
NEUB	75.28		P	18:51:22.342	0.3	357.0		5.66		TAS		14.9	0.79	m_e	mb 5.1
TANN	76.08		P	18:51:26.436		357.0		5.66		TAS		2.4	0.82	m_e	mb 4.4
TNS	76.11		P	18:51:26.794		357.0		5.66		TAS		6.3	0.79	m_e	mb 4.8
UBR	78.73		P	18:51:41.116		357.0		5.66		TAS		6.0	0.92	m_e	mb 4.6
WET	77.36		P	18:51:34.201		357.0		5.66		TAS		2.0	0.81	m_e	mb 4.3
WLF	76.53		P	18:51:29.642		357.0		5.66		TAS		9.5	0.95	m_e	mb 4.9

Event 10207001 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/07	01:56:09.08			-21.4120	-176.6670				33.0				19	147.01	153.14	m i ke	BGR
OrigID 10207007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	148.73		PKPbc	02:15:53.132	0.5	15.3		2.46		TAS					m_e
BFO	152.75		PKPbc	02:16:02.560	-0.2	15.3		2.46		TAS					m_e
BRG	149.36		PKPbc	02:15:54.877	0.1	15.3		2.46		TAS					m_e
BSEG	147.01		PKPbc	02:15:48.922	-0.5	15.3		2.46		TAS					m_e
CLL	149.14		PKPbc	02:15:54.235	0.3	15.3		2.46		TAS					m_e
CLZ	149.05		PKPbc	02:15:54.083	-0.1	15.3		2.46		TAS					m_e
FLT1	148.45		PKPbc	02:15:52.303	0.0	15.3		2.46		TAS					m_e
FUR	152.47		PKPbc	02:16:01.904	-0.3	15.3		2.46		TAS					m_e
GEC2	151.32		PKPbc	02:15:59.686	0.3	15.3		2.46		TAS					m_e
GRA1	151.01		PKPbc	02:15:58.695	0.3	15.3		2.46		TAS					m_e
GTTG	149.40		PKPbc	02:15:54.979	-0.1	15.3		2.46		TAS					m_e
IBBN	148.88		PKPbc	02:15:54.112	-0.5	15.3		2.46		TAS					m_e
KAST	149.91		PKPbc	02:15:56.499	0.1	15.3		2.46		TAS					m_e
MOX	150.02		PKPbc	02:15:56.272	-0.0	15.3		2.46		TAS					m_e
STU	152.21		PKPbc	02:16:01.402	-0.8	15.3		2.46		TAS					m_e
TANN	150.09		PKPbc	02:15:56.663	0.5	15.3		2.46		TAS					m_e
TNS	150.88		PKPbc	02:15:58.687	0.0	15.3		2.46		TAS					m_e
UBR	153.14		PKPbc	02:16:03.362		15.3		2.46		TAS					m_e
WET	151.22		PKPbc	02:15:59.193	-0.1	15.3		2.46		TAS					m_e
WLF	151.63		PKPbc	02:16:00.925	0.6	15.3		2.46		TAS					m_e

Event 10207002 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/07	02:24:53.09			-16.5950	-174.1590				33.0				21	144.00	148.71	m i ke	BGR
OrigID 10207008																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	144.25		PKPbc	02:44:23.340	-0.2	9.4		2.97		TAS					m_e
BFO	148.19		PKPbc	02:44:34.932	-0.5	9.4		2.97		TAS					m_e
BRG	145.10		PKPbc	02:44:26.436	0.2	9.4		2.97		TAS					m_e
BUG	145.12		PKPbc	02:44:26.172	-0.3	9.4		2.97		TAS					m_e
CLL	144.81		PKPbc	02:44:25.250	-0.0	9.4		2.97		TAS					m_e
CLZ	144.56		PKPbc	02:44:24.789	0.3	9.4		2.97		TAS					m_e

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FLT1	144.00	PKPbc	02:44:22.286	-0.6	9.4	2.97	TAS	m_e
FUR	148.11	PKPbc	02:44:34.521	0.3	9.4	2.97	TAS	m_e
GEC2	147.11	PKPbc	02:44:31.837	-0.4	9.4	2.97	TAS	m_e
GRA1	146.61	PKPbc	02:44:30.783	0.9	9.4	2.97	TAS	m_e
GTTG	144.88	PKPbc	02:44:25.843	0.3	9.4	2.97	TAS	m_e
IBBN	144.24	PKPbc	02:44:23.406	-0.4	9.4	2.97	TAS	m_e
KAST	145.32	PKPbc	02:44:27.028	0.1	9.4	2.97	TAS	m_e
MOX	145.62	PKPbc	02:44:27.951	0.3	9.4	2.97	TAS	m_e
NEUB	145.07	PKPbc	02:44:25.843	-0.2	9.4	2.97	TAS	m_e
STU	147.70	PKPbc	02:44:33.747	-0.1	9.4	2.97	TAS	m_e
TANN	145.75	PKPbc	02:44:28.148	0.1	9.4	2.97	TAS	m_e
TNS	146.29	PKPbc	02:44:30.190	0.4	9.4	2.97	TAS	m_e
UBR	148.71	PKPbc	02:44:36.381	-0.5	9.4	2.97	TAS	m_e
WET	146.94	PKPbc	02:44:31.376	-0.3	9.4	2.97	TAS	m_e
WLF	146.92	PKPbc	02:44:32.364	0.4	9.4	2.97	TAS	m_e

Event 10208001 Luzon, Philippine Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/08	00:01:43.49			17.3840	120.8950				33.0					88.99	88.99	m i ke	BGR
OrigID 10208007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.1		BGR	10208007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	88.99		P	00:14:34.649		67.3		4.10		TAS		12.5	1.00	m_e mb	5.1

Event 10209001 South of Solomon Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/09	02:55:30.79			-10.7820	156.2540				33.0				22	128.55	133.96	m i ke	BGR
OrigID 10209007																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	130.20		PKPdf	03:14:37.528	-0.2	48.8		1.91		TAS				m_e	
BFO	133.92		PKPdf	03:14:44.319	-0.6	48.8		1.91		TAS				m_e	
BRG	129.50		PKPdf	03:14:36.344	0.1	48.8		1.91		TAS				m_e	
BUG	132.18		PKPdf	03:14:41.506	-0.8	48.8		1.91		TAS				m_e	
CLL	129.68		PKPdf	03:14:36.505	-0.1	48.8		1.91		TAS				m_e	
CLZ	130.53		PKPdf	03:14:38.161	0.4	48.8		1.91		TAS				m_e	

FLT1	129.81	PKPdf	03:14:36.940	-0.7	48.8	1.91	TAS	m_e
FUR	132.57	PKPdf	03:14:41.822	0.7	48.8	1.91	TAS	m_e
GEC2	130.89	PKPdf	03:14:38.874	-0.1	48.8	1.91	TAS	m_e
GRA1	131.59	PKPdf	03:14:40.488	0.4	48.8	1.91	TAS	m_e
GTTG	130.92	PKPdf	03:14:38.902	0.4	48.8	1.91	TAS	m_e
IBBN	131.34	PKPdf	03:14:39.543	0.2	48.8	1.91	TAS	m_e
KAST	131.85	PKPdf	03:14:41.242	0.4	48.8	1.91	TAS	m_e
MOX	130.77	PKPdf	03:14:38.766	0.0	48.8	1.91	TAS	m_e
NEUB	130.33	PKPdf	03:14:37.959	0.1	48.8	1.91	TAS	m_e
RUE	128.55	PKPdf	03:14:34.460	-0.1	48.8	1.91	TAS	m_e
STU	133.19	PKPdf	03:14:43.233	-0.1	48.8	1.91	TAS	m_e
TANN	130.52	PKPdf	03:14:38.066	-0.2	48.8	1.91	TAS	m_e
TNS	132.53	PKPdf	03:14:42.210	0.1	48.8	1.91	TAS	m_e
UBR	133.48	PKPdf	03:14:43.287	-0.6	48.8	1.91	TAS	m_e
WET	131.12	PKPdf	03:14:39.243	0.2	48.8	1.91	TAS	m_e
WLF	133.96	PKPdf	03:14:44.861	0.6	48.8	1.91	TAS	m_e

Event 10209003 Southeast of Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/09	07:07:51.65			29.8250	139.0330				53.0	3.7		9		85.06	90.46	m i ke	BGR
10209009																	

Magnitude Err Nsta Author OrigID
 mb 5.1 BGR 10209009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	86.63		P	07:20:31.016	-0.3	43.3		4.75		TAS		18.4	1.17	m_e mb	5.1
BFO	90.46		P	07:20:49.590		43.3		4.75		TAS		12.2	0.91	m_e mb	5.2
BFO	90.46		pP	07:21:04.653						T__				m_e	
BRG	86.11		P	07:20:29.453		43.3		4.75		TAS		7.8	0.95	m_e mb	4.8
BRG	86.11		pP	07:20:43.862						T__				m_e	
BSEG	85.45		P	07:20:25.759	0.1	43.3		4.75		TAS		49.3	1.03	m_e mb	5.6
BSEG	85.45		pP	07:20:41.316						T__				m_e	
CLL	86.22		P	07:20:29.098	-0.5	43.3		4.75		TAS		23.3	1.09	m_e mb	5.2
CLL	86.22		pP	07:20:44.682						T__				m_e	
CLZ	86.97		P	07:20:32.471		43.3		4.75		TAS		16.5	1.00	m_e mb	5.1
FLT1	86.25		P	07:20:29.240	-0.3	43.3		4.75		TAS		30.4	1.04	m_e mb	5.4
FLT1	86.25		pP	07:20:44.742						T__				m_e	
GEC2	87.65		P	07:20:35.661		43.3		4.75		TAS		4.4	0.94	m_e mb	4.8
GEC2	87.65		pP	07:20:51.363						T__				m_e	
GTTG	87.36		P	07:20:34.613		43.3		4.75		TAS		9.5	0.92	m_e mb	4.9
IBBN	87.69		P	07:20:35.982		43.3		4.75		TAS		26.0	0.98	m_e mb	5.5
KAST	88.26		P	07:20:38.767		43.3		4.75		TAS		7.2	0.92	m_e mb	5.0
MOX	87.31		P	07:20:34.369		43.3		4.75		TAS		6.9	1.11	m_e mb	4.7
NEUB	86.84		P	07:20:32.444		43.3		4.75		TAS		11.0	0.88	m_e mb	5.0

RUE 85.06 P 07:20:23.492 0.2 43.3 4.75 TAS 37.0 0.88 m_e mb 5.6

Event 10210002 Northern Sumatera, Indonesia

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/10	12:53:06.19			0.8920	99.1540				33.0					88.00	88.00	m i ke	BGR

Magnitude Err Nsta Author OrigID
 mb 5.6 BGR 10210008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GRA1	88.00		P	13:05:53.252		109.4		4.15		TAS		45.1	1.58	m_e mb	5.6

Event 10210004 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/10	14:16:19.11			-23.1790	176.7170				33.0				14	147.55	153.25	m i ke	BGR

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	149.10		PKPbc	14:36:03.194		28.5		2.45		TAS				m_e	
BFO	153.18		PKPbc	14:36:14.458		28.5		2.45		TAS				m_e	
BRG	149.22		PKPbc	14:36:04.260	1.6	28.5		2.45		TAS				m_e	
BSEG	147.55		PKPbc	14:35:59.628	0.1	28.5		2.45		TAS				m_e	
CLL	149.16		PKPbc	14:36:04.070	-0.2	28.5		2.45		TAS				m_e	
CLZ	149.44		PKPbc	14:36:04.070	-0.2	28.5		2.45		TAS				m_e	
FLT1	148.77		PKPbc	14:36:02.733	0.4	28.5		2.45		TAS				m_e	
GEC2	151.02		PKPbc	14:36:08.815		28.5		2.45		TAS				m_e	
GRA1	151.12		PKPbc	14:36:08.994	-0.3	28.5		2.45		TAS				m_e	
GTTG	149.82		PKPbc	14:36:05.631		28.5		2.45		TAS				m_e	
IBBN	149.63		PKPbc	14:36:04.987	0.8	28.5		2.45		TAS				m_e	
KAST	150.52		PKPbc	14:36:07.322	-0.1	28.5		2.45		TAS				m_e	
MOX	150.16		PKPbc	14:36:06.627	-0.1	28.5		2.45		TAS				m_e	
NEUB	149.63		PKPbc	14:36:05.072	0.1	28.5		2.45		TAS				m_e	
TANN	150.10		PKPbc	14:36:06.911	-0.6	28.5		2.45		TAS				m_e	
UBR	153.25		PKPbc	14:36:14.580		28.5		2.45		TAS				m_e	
WET	151.06		PKPbc	14:36:08.804	0.3	28.5		2.45		TAS				m_e	

Event 10210003 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/10	14:37:22.62			-24.2090	169.0240				33.0				8	146.04	151.46	m i ke	BGR
OrigID 10210009																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	147.55		PKPbc	14:57:04.051	-0.2	42.3		2.65		TAS					m_e
BFO	151.46		PKPbc	14:57:14.217		42.3		2.65		TAS					m_e
BRG	147.13		PKPbc	14:57:02.669		42.3		2.65		TAS					m_e
BSEG	146.25		PKPbc	14:57:00.180	0.5	42.3		2.65		TAS					m_e
CLL	147.22		PKPbc	14:57:03.052	0.6	42.3		2.65		TAS					m_e
CLZ	147.89		PKPbc	14:57:04.769		42.3		2.65		TAS					m_e
FLT1	147.17		PKPbc	14:57:02.838	-0.1	42.3		2.65		TAS					m_e
GEC2	148.66		PKPbc	14:57:06.867		42.3		2.65		TAS					m_e
GRA1	149.19		PKPbc	14:57:07.547	0.5	42.3		2.65		TAS					m_e
GTTG	148.28		PKPbc	14:57:05.593		42.3		2.65		TAS					m_e
IBBN	148.46		PKPbc	14:57:06.057		42.3		2.65		TAS					m_e
KAST	149.14		PKPbc	14:57:08.221		42.3		2.65		TAS					m_e
MOX	148.30		PKPbc	14:57:05.377		42.3		2.65		TAS					m_e
NEUB	147.83		PKPbc	14:57:04.202		42.3		2.65		TAS					m_e
RUE	146.04		PKPbc	14:56:59.454		42.3		2.65		TAS					m_e
TANN	148.11		PKPbc	14:57:04.864		42.3		2.65		TAS					m_e
TNS	149.91		PKPbc	14:57:09.673		42.3		2.65		TAS					m_e
UBR	151.17		PKPbc	14:57:13.115		42.3		2.65		TAS					m_e
WET	148.83		PKPbc	14:57:06.974		42.3		2.65		TAS					m_e
WLF	151.23		PKPbc	14:57:13.738		42.3		2.65		TAS					m_e

Event 10210005 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/10	19:56:15.22			-23.5600	173.0370				33.0				20	146.93	152.40	m i ke	BGR
OrigID 10210011																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	148.38		PKPbc	20:15:57.880	0.3	35.2		2.54		TAS					m_e
BFO	152.40		PKPbc	20:16:08.277	-0.5	35.2		2.54		TAS					m_e
BRG	148.24		PKPbc	20:15:57.871	0.1	35.2		2.54		TAS					m_e
BSEG	146.93		PKPbc	20:15:54.211	-0.6	35.2		2.54		TAS					m_e
CLL	148.25		PKPbc	20:15:57.528	0.4	35.2		2.54		TAS					m_e
CLZ	148.72		PKPbc	20:15:59.094	0.6	35.2		2.54		TAS					m_e

FLT1	148.02	PKPbc	20:15:56.670	0.1	35.2	2.54	TAS	m_e
FUR	151.44	PKPbc	20:16:05.818		35.2	2.54	TAS	m_e
GEC2	149.91	PKPbc	20:16:02.102	-0.1	35.2	2.54	TAS	m_e
GRA1	150.22	PKPbc	20:16:02.845	-0.0	35.2	2.54	TAS	m_e
GTTG	149.10	PKPbc	20:16:00.198	-0.3	35.2	2.54	TAS	m_e
IBBN	149.10	PKPbc	20:16:00.119	0.3	35.2	2.54	TAS	m_e
KAST	149.89	PKPbc	20:16:02.559	-0.1	35.2	2.54	TAS	m_e
MOX	149.30	PKPbc	20:16:00.615	0.3	35.2	2.54	TAS	m_e
NEUB	148.79	PKPbc	20:15:59.128	0.1	35.2	2.54	TAS	m_e
RUE	147.02	PKPbc	20:15:53.927	0.2	35.2	2.54	TAS	m_e
STU	151.72	PKPbc	20:16:06.733	-0.1	35.2	2.54	TAS	m_e
TANN	149.17	PKPbc	20:16:00.444	0.0	35.2	2.54	TAS	m_e
TNS	150.73	PKPbc	20:16:04.274	0.0	35.2	2.54	TAS	m_e
UBR	152.30	PKPbc	20:16:07.648		35.2	2.54	TAS	m_e
WET	150.02	PKPbc	20:16:02.502	0.1	35.2	2.54	TAS	m_e
WLF	151.92	PKPbc	20:16:07.763	0.2	35.2	2.54	TAS	m_e

Event 10210006 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/10	20:45:13.62			-23.1510	173.2560				33.0			15		146.61	152.01	m i ke	BGR
	10210012																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	148.07		PKPbc	21:04:55.555	0.6	34.5		2.57		TAS					m_e
BRG	147.95		PKPbc	21:04:55.363	-0.2	34.5		2.57		TAS					m_e
BSEG	146.61		PKPbc	21:04:51.910	-0.4	34.5		2.57		TAS					m_e
BUG	149.68		PKPbc	21:04:59.923	-0.2	34.5		2.57		TAS					m_e
CLL	147.96		PKPbc	21:04:55.144	0.4	34.5		2.57		TAS					m_e
CLZ	148.41		PKPbc	21:04:56.713	-0.3	34.5		2.57		TAS					m_e
FLT1	147.71		PKPbc	21:04:54.451	0.2	34.5		2.57		TAS					m_e
FUR	151.16		PKPbc	21:05:03.644		34.5		2.57		TAS					m_e
GEC2	149.64		PKPbc	21:04:59.764		34.5		2.57		TAS					m_e
GRA1	149.93		PKPbc	21:05:00.503		34.5		2.57		TAS					m_e
GTTG	148.79		PKPbc	21:04:57.575	-0.2	34.5		2.57		TAS					m_e
IBBN	148.77		PKPbc	21:04:57.909	0.6	34.5		2.57		TAS					m_e
KAST	149.57		PKPbc	21:04:59.723	-0.2	34.5		2.57		TAS					m_e
MOX	149.00		PKPbc	21:04:57.777	-0.2	34.5		2.57		TAS					m_e
NEUB	148.49		PKPbc	21:04:56.449	-0.2	34.5		2.57		TAS					m_e
RUE	146.72		PKPbc	21:04:52.153	0.4	34.5		2.57		TAS					m_e
STU	151.43		PKPbc	21:05:04.245		34.5		2.57		TAS					m_e
TANN	148.88		PKPbc	21:04:57.498	-0.1	34.5		2.57		TAS					m_e
TNS	150.42		PKPbc	21:05:02.332	-0.1	34.5		2.57		TAS					m_e
UBR	152.01		PKPbc	21:05:05.815		34.5		2.57		TAS					m_e

WET	149.74	PKPbc	21:05:00.318	34.5	2.57	TAS	m_e
WLF	151.59	PKPbc	21:05:05.429	34.5	2.57	TAS	m_e

Event 10210007 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/10	21:17:51.16			-23.3540	173.8230				33.0			20		146.96	152.48	m i ke	BGR
OrigID 10210013																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	148.44		PKPbc	21:37:34.327	0.6	33.7		2.53		TAS					m_e
BFO	152.48		PKPbc	21:37:44.658		33.7		2.53		TAS					m_e
BRG	148.35		PKPbc	21:37:34.098	0.0	33.7		2.53		TAS					m_e
BSEG	146.96		PKPbc	21:37:30.525	-0.7	33.7		2.53		TAS					m_e
BUG	150.03		PKPbc	21:37:38.870	-0.2	33.7		2.53		TAS					m_e
CLL	148.35		PKPbc	21:37:34.208	0.1	33.7		2.53		TAS					m_e
CLZ	148.78		PKPbc	21:37:35.414	0.5	33.7		2.53		TAS					m_e
FLT1	148.08		PKPbc	21:37:33.416	0.1	33.7		2.53		TAS					m_e
FUR	151.56		PKPbc	21:37:41.877		33.7		2.53		TAS					m_e
GEC2	150.06		PKPbc	21:37:38.529	0.0	33.7		2.53		TAS					m_e
GRA1	150.32		PKPbc	21:37:39.038	0.2	33.7		2.53		TAS					m_e
GTTG	149.16		PKPbc	21:37:36.452	-0.1	33.7		2.53		TAS					m_e
IBBN	149.12		PKPbc	21:37:36.672	0.1	33.7		2.53		TAS					m_e
KAST	149.92		PKPbc	21:37:38.325	-0.2	33.7		2.53		TAS					m_e
MOX	149.38		PKPbc	21:37:36.737	-0.1	33.7		2.53		TAS					m_e
NEUB	148.87		PKPbc	21:37:35.227	0.3	33.7		2.53		TAS					m_e
RUE	147.11		PKPbc	21:37:30.805	-0.4	33.7		2.53		TAS					m_e
STU	151.81		PKPbc	21:37:42.798	-0.5	33.7		2.53		TAS					m_e
TANN	149.28		PKPbc	21:37:36.682	0.3	33.7		2.53		TAS					m_e
TNS	150.78		PKPbc	21:37:40.520	0.2	33.7		2.53		TAS					m_e
UBR	152.41		PKPbc	21:37:44.088		33.7		2.53		TAS					m_e
WET	150.15		PKPbc	21:37:38.725	-0.6	33.7		2.53		TAS					m_e
WLF	151.94		PKPbc	21:37:43.811	0.2	33.7		2.53		TAS					m_e

Event 10210009 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/10	21:40:35.02			-24.1020	172.7720				31.8	0.6		19		147.37	152.81	m i ke	BGR
OrigID 10210015																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	148.79		PKPbc	22:00:18.822	0.2	36.1		2.50		TAS					m_e
BFO	152.81		PKPbc	22:00:28.831	-0.8	36.1		2.50		TAS					m_e
BRG	148.62		PKPbc	22:00:18.833	0.4	36.1		2.50		TAS					m_e
BSEG	147.37		PKPbc	22:00:15.406	-0.8	36.1		2.50		TAS					m_e
BUG	150.45		PKPbc	22:00:23.345	0.1	36.1		2.50		TAS					m_e
CLL	148.64		PKPbc	22:00:18.557	0.4	36.1		2.50		TAS					m_e
CLL	148.64		pPKPbc	22:00:28.114						T__					m_e
CLZ	149.13		PKPbc	22:00:20.010	0.6	36.1		2.50		TAS					m_e
FLT1	148.44		PKPbc	22:00:18.125	-0.6	36.1		2.50		TAS					m_e
FLT1	148.44		pPKPbc	22:00:27.784						T__					m_e
FUR	151.82		PKPbc	22:00:26.560		36.1		2.50		TAS					m_e
GEC2	150.28		PKPbc	22:00:23.027	-0.6	36.1		2.50		TAS					m_e
GEC2	150.28		pPKPbc	22:00:32.434						T__					m_e
GRA1	150.62		PKPbc	22:00:23.634	0.1	36.1		2.50		TAS					m_e
GRA1	150.62		pPKPbc	22:00:33.238						T__					m_e
GTTG	149.52		PKPbc	22:00:21.040	0.6	36.1		2.50		TAS					m_e
IBBN	149.54		PKPbc	22:00:21.031	-0.1	36.1		2.50		TAS					m_e
KAST	150.31		PKPbc	22:00:23.172	0.1	36.1		2.50		TAS					m_e
KAST	150.31		pPKPbc	22:00:32.776						T__					m_e
MOX	149.69		PKPbc	22:00:21.397	0.3	36.1		2.50		TAS					m_e
NEUB	149.19		PKPbc	22:00:20.212	0.1	36.1		2.50		TAS					m_e
RUE	147.42		PKPbc	22:00:15.219	-0.2	36.1		2.50		TAS					m_e
STU	152.13		PKPbc	22:00:27.630	-0.8	36.1		2.50		TAS					m_e
TANN	149.56		PKPbc	22:00:20.790	-0.1	36.1		2.50		TAS					m_e
TNS	151.15		PKPbc	22:00:25.069	-0.0	36.1		2.50		TAS					m_e
UBR	152.68		PKPbc	22:00:28.694		36.1		2.50		TAS					m_e
UBR	152.68		pPKPbc	22:00:38.352						T__					m_e
WET	150.39		PKPbc	22:00:23.193	-0.4	36.1		2.50		TAS					m_e
WLF	152.35		PKPbc	22:00:28.357		36.1		2.50		TAS					m_e

Event 10210010 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/10	21:57:11.84			-23.2880	172.6660				33.0			23		146.57	152.02	m i ke	BGR
10210016																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	148.00		PKPbc	22:16:53.962	-0.2	35.6		2.58		TAS					m_e
BFO	152.02		PKPbc	22:17:04.230	-0.2	35.6		2.58		TAS					m_e
BRG	147.84		PKPbc	22:16:53.850	0.2	35.6		2.58		TAS					m_e
BSEG	146.57		PKPbc	22:16:50.335	-0.3	35.6		2.58		TAS					m_e
BUG	149.65		PKPbc	22:16:58.235	-0.8	35.6		2.58		TAS					m_e

CLL	147.86	PKPbc	22:16:53.627	-0.1	35.6	2.58	TAS	m_e
CLZ	148.34	PKPbc	22:16:54.705	0.6	35.6	2.58	TAS	m_e
FLT1	147.65	PKPbc	22:16:53.181	-0.1	35.6	2.58	TAS	m_e
FUR	151.05	PKPbc	22:17:01.886	-0.1	35.6	2.58	TAS	m_e
GEC2	149.51	PKPbc	22:16:57.924	-0.1	35.6	2.58	TAS	m_e
GRA1	149.84	PKPbc	22:16:58.482	0.4	35.6	2.58	TAS	m_e
GTTG	148.73	PKPbc	22:16:55.543	0.2	35.6	2.58	TAS	m_e
IBBN	148.74	PKPbc	22:16:56.417	0.0	35.6	2.58	TAS	m_e
KAST	149.52	PKPbc	22:16:58.314	0.1	35.6	2.58	TAS	m_e
MOX	148.91	PKPbc	22:16:56.417	0.0	35.6	2.58	TAS	m_e
NEUB	148.41	PKPbc	22:16:55.413	0.3	35.6	2.58	TAS	m_e
RUE	146.64	PKPbc	22:16:49.944	-0.6	35.6	2.58	TAS	m_e
STU	151.34	PKPbc	22:17:02.779	0.1	35.6	2.58	TAS	m_e
TANN	148.78	PKPbc	22:16:56.002	1.0	35.6	2.58	TAS	m_e
TNS	150.36	PKPbc	22:17:00.602	0.3	35.6	2.58	TAS	m_e
UBR	151.91	PKPbc	22:17:03.718	-0.7	35.6	2.58	TAS	m_e
WET	149.62	PKPbc	22:16:58.394	-0.4	35.6	2.58	TAS	m_e
WLF	151.55	PKPbc	22:17:04.062	0.5	35.6	2.58	TAS	m_e

Event 10210011 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/10	22:03:43.37			-24.0510	173.6850				33.0			19		147.59	153.08	m i ke	BGR
OrigID 10210017																	

Magnitude Err Nsta Author

OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	149.04		PKPbc	22:23:27.910	0.1	34.5		2.47		TAS				m_e	
BFO	153.08		PKPbc	22:23:38.003	0.0	34.5		2.47		TAS				m_e	
BRG	148.93		PKPbc	22:23:27.815	-0.1	34.5		2.47		TAS				m_e	
BSEG	147.59		PKPbc	22:23:24.459	-0.4	34.5		2.47		TAS				m_e	
CLL	148.94		PKPbc	22:23:27.767	-0.1	34.5		2.47		TAS				m_e	
CLZ	149.38		PKPbc	22:23:28.947	0.3	34.5		2.47		TAS				m_e	
FLT1	148.69		PKPbc	22:23:27.062	-0.1	34.5		2.47		TAS				m_e	
FUR	152.14		PKPbc	22:23:35.803		34.5		2.47		TAS				m_e	
GEC2	150.62		PKPbc	22:23:32.218	-0.6	34.5		2.47		TAS				m_e	
GRA1	150.91		PKPbc	22:23:32.730	-0.2	34.5		2.47		TAS				m_e	
GTTG	149.77		PKPbc	22:23:29.860	0.6	34.5		2.47		TAS				m_e	
IBBN	149.74		PKPbc	22:23:30.182	-0.1	34.5		2.47		TAS				m_e	
KAST	150.54		PKPbc	22:23:32.021	-0.1	34.5		2.47		TAS				m_e	
MOX	149.98		PKPbc	22:23:30.509	0.0	34.5		2.47		TAS				m_e	
NEUB	149.47		PKPbc	22:23:29.280	0.1	34.5		2.47		TAS				m_e	
STU	152.40		PKPbc	22:23:36.192	-0.0	34.5		2.47		TAS				m_e	
TANN	149.86		PKPbc	22:23:30.225	0.0	34.5		2.47		TAS				m_e	
TNS	151.39		PKPbc	22:23:34.181	-0.1	34.5		2.47		TAS				m_e	

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UBR	152.99	PKPbc	22:23:37.929		34.5	2.47	TAS	m_e
WET	150.72	PKPbc	22:23:32.352	0.3	34.5	2.47	TAS	m_e
WLF	152.56	PKPbc	22:23:37.518	-0.0	34.5	2.47	TAS	m_e

Event 10210012 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/10	22:38:03.40			-22.7320	172.2730				33.0			23		145.93	151.37	m i ke	BGR
OrigID 10210018																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	147.36		PKPbc	22:57:43.175	0.1	35.8		2.65		TAS				m_e	
BFO	151.37		PKPbc	22:57:53.613	-0.3	35.8		2.65		TAS				m_e	
BRG	147.19		PKPbc	22:57:42.478	-0.3	35.8		2.65		TAS				m_e	
BSEG	145.93		PKPbc	22:57:39.244	-0.5	35.8		2.65		TAS				m_e	
BUG	149.01		PKPbc	22:57:47.890	-0.1	35.8		2.65		TAS				m_e	
CLL	147.21		PKPbc	22:57:42.541	-0.3	35.8		2.65		TAS				m_e	
CLZ	147.70		PKPbc	22:57:43.959	0.4	35.8		2.65		TAS				m_e	
FLT1	147.00		PKPbc	22:57:41.856	-0.5	35.8		2.65		TAS				m_e	
FUR	150.39		PKPbc	22:57:51.250	-0.0	35.8		2.65		TAS				m_e	
GEC2	148.85		PKPbc	22:57:47.517	0.2	35.8		2.65		TAS				m_e	
GRA1	149.19		PKPbc	22:57:48.326	0.3	35.8		2.65		TAS				m_e	
GTTG	148.08		PKPbc	22:57:45.054	0.6	35.8		2.65		TAS				m_e	
IBBN	148.10		PKPbc	22:57:45.367	-0.1	35.8		2.65		TAS				m_e	
KAST	148.87		PKPbc	22:57:47.641	0.2	35.8		2.65		TAS				m_e	
MOX	148.26		PKPbc	22:57:45.651	0.0	35.8		2.65		TAS				m_e	
NEUB	147.75		PKPbc	22:57:44.656	0.4	35.8		2.65		TAS				m_e	
RUE	145.99		PKPbc	22:57:39.242	0.1	35.8		2.65		TAS				m_e	
STU	150.69		PKPbc	22:57:51.747	-0.3	35.8		2.65		TAS				m_e	
TANN	148.13		PKPbc	22:57:45.340	0.1	35.8		2.65		TAS				m_e	
TNS	149.71		PKPbc	22:57:49.694	0.1	35.8		2.65		TAS				m_e	
UBR	151.25		PKPbc	22:57:53.240	-0.3	35.8		2.65		TAS				m_e	
WET	148.97		PKPbc	22:57:47.517	-0.0	35.8		2.65		TAS				m_e	
WLF	150.91		PKPbc	22:57:53.178	0.2	35.8		2.65		TAS				m_e	

Event 10210013 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/10	22:54:21.89			-23.0090	172.3480				33.0			21		146.21	151.66	m i ke	BGR
OrigID 10210019																	

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	147.64		PKPbc	23:14:02.734	0.3	35.9		2.62		TAS				m_e		
BFO	151.66		PKPbc	23:14:12.954	-0.5	35.9		2.62		TAS				m_e		
BRG	147.47		PKPbc	23:14:02.559	0.2	35.9		2.62		TAS				m_e		
BSEG	146.21		PKPbc	23:13:59.034	-0.7	35.9		2.62		TAS				m_e		
CLL	147.49		PKPbc	23:14:02.359	-0.5	35.9		2.62		TAS				m_e		
CLZ	147.98		PKPbc	23:14:04.076	0.7	35.9		2.62		TAS				m_e		
FLT1	147.28		PKPbc	23:14:01.893	-0.1	35.9		2.62		TAS				m_e		
FUR	150.67		PKPbc	23:14:10.496	-0.3	35.9		2.62		TAS				m_e		
GEC2	149.13		PKPbc	23:14:06.999	0.2	35.9		2.62		TAS				m_e		
GRA1	149.47		PKPbc	23:14:07.554	-0.1	35.9		2.62		TAS				m_e		
GTTG	148.37		PKPbc	23:14:04.875	0.1	35.9		2.62		TAS				m_e		
IBBN	148.38		PKPbc	23:14:04.890	-0.3	35.9		2.62		TAS				m_e		
KAST	149.16		PKPbc	23:14:07.166	0.1	35.9		2.62		TAS				m_e		
MOX	148.54		PKPbc	23:14:05.057	-0.1	35.9		2.62		TAS				m_e		
NEUB	148.04		PKPbc	23:14:03.947	0.1	35.9		2.62		TAS				m_e		
STU	150.97		PKPbc	23:14:11.772	0.2	35.9		2.62		TAS				m_e		
TANN	148.41		PKPbc	23:14:05.057	0.2	35.9		2.62		TAS				m_e		
TNS	150.00		PKPbc	23:14:09.497	0.3	35.9		2.62		TAS				m_e		
UBR	151.53		PKPbc	23:14:12.605	-0.4	35.9		2.62		TAS				m_e		
WET	149.25		PKPbc	23:14:07.277	0.2	35.9		2.62		TAS				m_e		
WLF	151.20		PKPbc	23:14:12.827	0.3	35.9		2.62		TAS				m_e		

Event 10210014 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/10	23:32:46.21			-24.0600	171.8550				33.0			9		147.04	152.44	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID												
Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	148.45		PKPbc	23:52:29.872	-0.2	37.6		2.54		TAS				m_e		
BFO	152.44		PKPbc	23:52:39.306		37.6		2.54		TAS				m_e		
BRG	148.21		PKPbc	23:52:29.167		37.6		2.54		TAS				m_e		
CLL	148.25		PKPbc	23:52:28.911	0.2	37.6		2.54		TAS				m_e		
CLZ	148.79		PKPbc	23:52:30.585		37.6		2.54		TAS				m_e		
FLT1	148.08		PKPbc	23:52:28.719	0.2	37.6		2.54		TAS				m_e		
FUR	151.40		PKPbc	23:52:37.056		37.6		2.54		TAS				m_e		
GEC2	149.84		PKPbc	23:52:33.074		37.6		2.54		TAS				m_e		
GRA1	150.23		PKPbc	23:52:33.842		37.6		2.54		TAS				m_e		
GTTG	149.17		PKPbc	23:52:31.130		37.6		2.54		TAS				m_e		
IBBN	149.23		PKPbc	23:52:31.926		37.6		2.54		TAS				m_e		
KAST	149.98		PKPbc	23:52:33.846		37.6		2.54		TAS				m_e		

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MOX	149.31	PKPbc	23:52:31.858	37.6	2.54	TAS	m_e
NEUB	148.81	PKPbc	23:52:30.284	37.6	2.54	TAS	m_e
RUE	147.04	PKPbc	23:52:25.709	-0.3 37.6	2.54	TAS	m_e
TANN	149.16	PKPbc	23:52:31.729	37.6	2.54	TAS	m_e
TNS	150.81	PKPbc	23:52:35.781	37.6	2.54	TAS	m_e
UBR	152.27	PKPbc	23:52:39.093	37.6	2.54	TAS	m_e
WET	149.97	PKPbc	23:52:33.714	37.6	2.54	TAS	m_e
WLF	152.04	PKPbc	23:52:39.110	37.6	2.54	TAS	m_e

Event 10211001 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/10	23:45:19.42			-22.5950	173.1150				33.0			19		146.04	151.54	m i ke	BGR
10211007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	147.50		PKPbc	00:05:00.292	0.4	34.3		2.63		TAS					m_e
BFO	151.54		PKPbc	00:05:10.481		34.3		2.63		TAS					m_e
BRG	147.39		PKPbc	00:05:00.057	0.1	34.3		2.63		TAS					m_e
BSEG	146.04		PKPbc	00:04:56.068	-0.5	34.3		2.63		TAS					m_e
BUG	149.11		PKPbc	00:05:04.524	0.2	34.3		2.63		TAS					m_e
CLL	147.40		PKPbc	00:04:59.590	0.2	34.3		2.63		TAS					m_e
CLZ	147.84		PKPbc	00:05:01.170	0.2	34.3		2.63		TAS					m_e
FLT1	147.15		PKPbc	00:04:59.041	0.1	34.3		2.63		TAS					m_e
FUR	150.60		PKPbc	00:05:07.550		34.3		2.63		TAS					m_e
GEC2	149.09		PKPbc	00:05:04.359	-0.8	34.3		2.63		TAS					m_e
GRA1	149.37		PKPbc	00:05:04.829	-0.1	34.3		2.63		TAS					m_e
GTTG	148.23		PKPbc	00:05:01.959	-0.1	34.3		2.63		TAS					m_e
IBBN	148.20		PKPbc	00:05:01.974	0.2	34.3		2.63		TAS					m_e
KAST	149.00		PKPbc	00:05:03.995	0.3	34.3		2.63		TAS					m_e
MOX	148.44		PKPbc	00:05:02.795	0.3	34.3		2.63		TAS					m_e
NEUB	147.93		PKPbc	00:05:00.840	0.4	34.3		2.63		TAS					m_e
RUE	146.16		PKPbc	00:04:56.158	-0.1	34.3		2.63		TAS					m_e
STU	150.86		PKPbc	00:05:08.896		34.3		2.63		TAS					m_e
TANN	148.32		PKPbc	00:05:02.322	0.3	34.3		2.63		TAS					m_e
TNS	149.85		PKPbc	00:05:06.549	0.3	34.3		2.63		TAS					m_e
UBR	151.45		PKPbc	00:05:09.678		34.3		2.63		TAS					m_e
WET	149.19		PKPbc	00:05:04.178	-0.1	34.3		2.63		TAS					m_e
WLF	151.02		PKPbc	00:05:09.751	-0.0	34.3		2.63		TAS					m_e

Event 10211002 South of Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/11	00:14:48.82			-22.2770	175.9120				33.0			21		146.49	152.15	m i ke	BGR
OrigID 10211008																	

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	148.03		PKPbc	00:34:31.156	0.3	29.3		2.56		TAS					m_e
BFO	152.10		PKPbc	00:34:41.113	-0.0	29.3		2.56		TAS					m_e
BRG	148.12		PKPbc	00:34:31.241	0.3	29.3		2.56		TAS					m_e
BSEG	146.49		PKPbc	00:34:26.745	-0.3	29.3		2.56		TAS					m_e
CLL	148.06		PKPbc	00:34:30.849	0.1	29.3		2.56		TAS					m_e
CLZ	148.37		PKPbc	00:34:32.446	0.8	29.3		2.56		TAS					m_e
FLT1	147.69		PKPbc	00:34:30.219	0.3	29.3		2.56		TAS					m_e
FUR	151.34		PKPbc	00:34:39.174	-0.5	29.3		2.56		TAS					m_e
GEC2	149.90		PKPbc	00:34:35.243	-0.4	29.3		2.56		TAS					m_e
GRA1	150.03		PKPbc	00:34:35.951	0.1	29.3		2.56		TAS					m_e
GTTG	148.74		PKPbc	00:34:33.478	0.8	29.3		2.56		TAS					m_e
IBBN	148.59		PKPbc	00:34:32.383	-2.5	29.3		2.56		TAS					m_e
KAST	149.46		PKPbc	00:34:35.354	0.8	29.3		2.56		TAS					m_e
MOX	149.07		PKPbc	00:34:33.415	-0.7	29.3		2.56		TAS					m_e
NEUB	148.54		PKPbc	00:34:32.655	0.6	29.3		2.56		TAS					m_e
RUE	146.81		PKPbc	00:34:27.496	-0.6	29.3		2.56		TAS					m_e
STU	151.46		PKPbc	00:34:39.395	-0.7	29.3		2.56		TAS					m_e
TANN	149.00		PKPbc	00:34:33.540	0.3	29.3		2.56		TAS					m_e
TNS	150.35		PKPbc	00:34:36.920	0.1	29.3		2.56		TAS					m_e
UBR	152.15		PKPbc	00:34:40.793		29.3		2.56		TAS					m_e
WET	149.94		PKPbc	00:34:35.586	-0.1	29.3		2.56		TAS					m_e
WLF	151.42		PKPbc	00:34:40.856	1.1	29.3		2.56		TAS					m_e

Event 10212001 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/12	03:47:44.69			-22.6210	173.3070				33.0			12		146.12	151.55	m i ke	BGR
OrigID 10212007																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.1		BGR	10212007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BSEG	146.12		PKPbc	04:07:21.899	-0.3	34.0		2.62		TAS					m_e
CLL	147.49		PKPbc	04:07:25.365	0.1	34.0		2.62		TAS					m_e
FUR	150.70		PKPbc	04:07:33.938		34.0		2.62		TAS					m_e
GEC2	149.19		PKPbc	04:07:30.047		34.0		2.62		TAS					m_e
GOR1	146.65		PKPbc	04:07:23.601	0.2	34.0		2.62		TAS					m_e

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GRA1	149.47	L	05:25:12.330							T__	439.5	18.90	a_e Ms	5.3
IBBN	148.28	PKPbc	04:07:28.101	-0.1	34.0	2.62				TAS			m_e	
MOX	148.53	L	05:12:38.438							T__	232.8	20.50	a_e Ms	5.0
NEUB	148.02	PKPbc	04:07:27.158	-0.4	34.0	2.62				TAS			m_e	
PLN	148.47	PKPbc	04:07:28.344		34.0	2.62				TAS			m_e	
RUE	146.26	PKPbc	04:07:21.901	0.1	34.0	2.62				TAS			m_e	
STU	150.95	PKPbc	04:07:34.668		34.0	2.62				TAS			m_e	
TANN	148.42	PKPbc	04:07:28.283		34.0	2.62				TAS			m_e	
UBR	151.55	PKPbc	04:07:35.732		34.0	2.62				TAS			m_e	

Event 10212003 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/12	04:06:01.05			-23.5820	172.2110				33.0				9	147.76	151.99	m i ke	BGR
10212009																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.2		BGR	10212009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	148.12		PKPbc	04:25:43.843	0.1	36.6		2.57		TAS				m_e	
FLT1	147.76		PKPbc	04:25:42.470	0.4	36.6		2.57		TAS				m_e	
GEC2	149.58		PKPbc	04:25:47.636		36.6		2.57		TAS				m_e	
GRA1	149.93		L	05:48:06.703						T__		393.4	21.80	a_e Ms	5.2
KAST	149.65		PKPbc	04:25:47.959		36.6		2.57		TAS				m_e	
MOX	149.01		L	05:45:25.363						T__		367.7	21.40	a_e Ms	5.1
STU	151.45		PKPbc	04:25:52.296		36.6		2.57		TAS				m_e	
TNS	150.48		PKPbc	04:25:50.085		36.6		2.57		TAS				m_e	
UBR	151.99		PKPbc	04:25:53.129		36.6		2.57		TAS				m_e	
WET	149.70		PKPbc	04:25:48.175		36.6		2.57		TAS				m_e	
WLF	151.70		PKPbc	04:25:53.377		36.6		2.57		TAS				m_e	

Event 10212006 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/12	10:34:14.03			-24.0130	173.7820				33.0				19	148.10	153.08	m i ke	BGR
10212012																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.7		BGR	10212012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	149.04		PKPbc	10:53:58.900	0.3	34.3		2.47		TAS				m_e	

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BFO	153.08	PKPbc	10:54:08.515		34.3	2.47	TAS		m_e											
BRG	148.93	PKPbc	10:53:58.503	0.1	34.3	2.47	TAS		m_e											
CLL	148.94	PKPbc	10:53:58.337	0.3	34.3	2.47	TAS		m_e											
CLZ	149.38	PKPbc	10:54:00.153	0.3	34.3	2.47	TAS		m_e											
FLT1	148.69	PKPbc	10:53:57.647	-0.1	34.3	2.47	TAS		m_e											
GEC2	150.62	PKPbc	10:54:02.812		34.3	2.47	TAS		m_e											
GOR1	148.10	PKPbc	10:53:56.573	-0.2	34.3	2.47	TAS		m_e											
GRA1	150.91	L	11:36:54.537				T__			1096.0	19.70	a_e	Ms							5.7
GTTG	149.76	PKPbc	10:54:01.125	-0.3	34.3	2.47	TAS		m_e											
IBBN	149.73	PKPbc	10:54:00.946	-0.4	34.3	2.47	TAS		m_e											
KAST	150.53	PKPbc	10:54:03.043	0.1	34.3	2.47	TAS		m_e											
MOX	149.98	PKPbc	10:54:01.253	0.2	34.3	2.47	TAS		m_e											
MOX	149.98	L	11:35:58.043				T__			985.7	18.60	a_e	Ms							5.6
NEUB	149.47	PKPbc	10:54:00.000	-0.1	34.3	2.47	TAS		m_e											
PLN	149.92	PKPbc	10:54:01.201	0.3	34.3	2.47	TAS		m_e											
RETH	148.90	PKPbc	10:53:58.619	-0.1	34.3	2.47	TAS		m_e											
STU	152.40	PKPbc	10:54:07.390		34.3	2.47	TAS		m_e											
TANN	149.86	PKPbc	10:54:01.155	0.2	34.3	2.47	TAS		m_e											
UBR	152.99	PKPbc	10:54:08.362		34.3	2.47	TAS		m_e											
WET	150.72	PKPbc	10:54:03.222	-0.2	34.3	2.47	TAS		m_e											

Event 10212007 Tajikistan-Xinjiang border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/12	17:01:35.00			38.1300	73.5700				33.0			13		43.22	48.35	m i ke	EMSC
	10212043																

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	10212013
Ms	5.2		BGR	10212013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	47.26		P	17:09:59.204		81.0		7.88		TAS		45.3	0.94	m_e	mb 5.6
BFO	47.26		PcP	17:11:28.636		83.4		3.50		TAS				m_e	
BRG	43.22		P	17:09:27.926	-0.1	81.0		7.88		TAS		77.3	0.71	m_e	mb 5.5
BRG	43.22		sP	17:09:41.027		80.6		7.99		TAS				m_e	
BSEG	45.08		P	17:09:42.947	1.1	81.0		7.88		TAS		97.3	0.69	m_e	mb 5.8
BSEG	45.08		PcP	17:11:21.702	0.2	83.4		3.50		TAS				m_e	
CLL	43.76		P	17:09:31.759	-0.1	81.0		7.88		TAS		78.6	0.64	m_e	mb 5.6
CLL	43.76		sP	17:09:44.775		80.6		7.99		TAS				m_e	
CLZ	45.31		P	17:09:43.902	-0.1	81.0		7.88		TAS		44.8	0.69	m_e	mb 5.5
FLT1	44.72		P	17:09:39.232	-0.5	81.0		7.88		TAS		142.0	0.65	m_e	mb 6.0
FLT1	44.72		sP	17:09:52.324	0.1	80.6		7.99		TAS				m_e	
FUR	45.37		P	17:09:45.376		81.0		7.88		TAS		127.4	0.70	m_e	mb 6.0
FUR	45.37		PcP	17:11:21.789		83.4		3.50		TAS				m_e	
GEC2	43.66		P	17:09:31.438		81.0		7.88		TAS		91.5	1.38	m_e	mb 5.3

GEC2	43.66	PcP	17:11:15.839	83.4	3.50	TAS											m_e	
GRA1	45.12	PcP	17:11:21.713	83.4	3.50	TAS											m_e	
GRA1	45.12	L	17:31:01.376			T__	3292.8	18.10	a_e	Ms	5.3							
GTTG	45.61	P	17:09:46.911	-0.0	81.0	7.88	TAS	134.6	0.77	m_e	mb	6.0						
GTTG	45.61	sP	17:10:00.130	0.2	80.6	7.99	TAS											
IBBN	46.83	P	17:09:56.224	0.2	81.0	7.88	TAS	92.7	0.80	m_e	mb	6.0						
IBBN	46.83	sP	17:10:09.507	-0.1	80.6	7.99	TAS											
IBBN	46.83	PcP	17:11:27.466	-0.1	83.4	3.50	TAS											
KAST	46.62	PcP	17:11:26.823	-0.1	83.4	3.50	TAS											
MOX	44.72	P	17:09:39.755	0.3	81.0	7.88	TAS	41.1	0.81	m_e	mb	5.4						
MOX	44.72	sP	17:09:52.948		80.6	7.99	TAS											
MOX	44.72	L	17:31:40.070			T__	1922.1	20.00	a_e	Ms	5.0							
NEUB	44.54	P	17:09:38.161	-0.2	81.0	7.88	TAS	83.4	0.73	m_e	mb	5.8						
NEUB	44.54	sP	17:09:51.224		80.6	7.99	TAS											
NEUB	44.54	PcP	17:11:19.267	-0.0	83.4	3.50	TAS											
PLN	44.40	P	17:09:36.880	0.1	81.0	7.88	TAS	12.1	0.72	m_e	mb	4.7						
PLN	44.40	sP	17:09:50.380		80.6	7.99	TAS											
PLN	44.40	PcP	17:11:18.895		83.4	3.50	TAS											
STU	46.60	P	17:09:54.559		81.0	7.88	TAS	113.3	0.69	m_e	mb	6.1						
STU	46.60	PcP	17:11:26.353		83.4	3.50	TAS											
TANN	44.22	P	17:09:35.793	-0.3	81.0	7.88	TAS	32.2	0.89	m_e	mb	5.1						
TANN	44.22	sP	17:09:49.051		80.6	7.99	TAS											
TNS	46.78	P	17:09:56.014	0.9	81.0	7.88	TAS	29.5	0.83	m_e	mb	5.5						
TNS	46.78	PcP	17:11:27.351		83.4	3.50	TAS											
UBR	46.24	P	17:09:51.499		81.0	7.88	TAS	91.2	0.72	m_e	mb	5.9						
UBR	46.24	PcP	17:11:24.745		83.4	3.50	TAS											
WET	44.15	P	17:09:34.952		81.0	7.88	TAS	33.6	0.76	m_e	mb	5.1						
WET	44.15	PcP	17:11:17.891		83.4	3.50	TAS											
WLF	48.35	P	17:10:08.167	0.3	81.0	7.88	TAS	100.6	0.76	m_e	mb	6.0						
WLF	48.35	sP	17:10:21.702		80.6	7.99	TAS											

Event 10213001 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/13	03:55:24.71	1.14	0.69	45.4150	16.1730	20.0	12.2	93	2.0				8	315	3.82	7.76	m i ke BGR
10213007																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	6.11		Pn	03:56:53.675	-0.3					T__		8.2	0.23	m_e	
BRG	5.66		Sn	03:57:48.594	0.4					T__				m_e	
BRG	5.66		Pn	03:56:47.437	-0.5					T__		4.7	0.33	m_e	
GEC2	3.82		Sn	03:57:05.543	0.3					T__				m_e	
GEC2	3.82		Pn	03:56:23.108	-1.3					T__		19.3	0.26	m_e	
GRA1	5.43		Pn	03:56:44.453	-0.4					T__		12.3	0.63	m_e	

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KAST	7.76	Pn	03:57:17.458	1.3	T__	5.4	0.41	m_e
TANN	5.59	Sn	03:57:46.825	0.3	T__			m_e
TANN	5.59	Pn	03:56:46.852	-0.1	T__	2.1	0.20	m_e
TNS	7.08	Sn	03:58:20.495	-0.9	T__			m_e
TNS	7.08	Pn	03:57:07.783	0.8	T__	5.0	0.40	m_e
UBR	4.76	Pn	03:56:36.137	0.4	T__	19.0	0.30	m_e

Event 10213002 Turkey-Georgia-Armenia border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/13	11:29:38.67			40.6660	43.2600				33.0			4		22.41	25.11	m i ke	BGR
OrigID 10213008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.0		BGR	10213008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	25.00		P	11:34:58.583		99.7		9.35		TAS		32.3	1.12	m_e mb	5.0
CLL	23.39		P	11:34:43.965		99.7		9.35		TAS		59.8	1.04	m_e mb	5.1
CLZ	25.11		P	11:34:59.986		99.7		9.35		TAS		30.6	0.93	m_e mb	5.0
GEC2	22.41		P	11:34:35.272		99.7		9.35		TAS		94.8	1.24	m_e mb	5.1

Event 10213003 Alaska Peninsula, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/13	13:08:54.76			57.4380	-155.7780				33.0			24		67.82	74.47	m i ke	BGR
OrigID 10213009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.8		BGR	10213009
Ms	4.5		BGR	10213009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	70.11		P	13:20:02.431	-0.2	352.7		5.97		TAS		110.4	1.34	m_e mb	5.8
BFO	73.65		P	13:20:23.505	-0.2	352.7		5.97		TAS		22.1	0.72	m_e mb	5.3
BRG	71.59		P	13:20:11.398	-0.1	352.7		5.97		TAS		74.8	1.19	m_e mb	5.7
BSEG	68.28		P	13:19:51.645	-0.1	352.7		5.97		TAS		177.7	1.15	m_e mb	6.2
BUG	70.47		P	13:20:04.582	-0.1	352.7		5.97		TAS		66.4	0.63	m_e mb	5.9
CLL	71.10		P	13:20:08.074	-0.5	352.7		5.97		TAS		30.3	0.81	m_e mb	5.5
CLZ	70.36		P	13:20:04.371	0.2	352.7		5.97		TAS		362.8	1.69	m_e mb	6.2
FLT1	69.95		P	13:20:01.195	-0.5	352.7		5.97		TAS		136.2	1.53	m_e mb	5.8
GEC2	73.60		P	13:20:23.454	-0.2	352.7		5.97		TAS		27.1	0.76	m_e mb	5.3
GOR1	69.30		P	13:19:57.936	0.1	352.7		5.97		TAS		186.7	1.44	m_e mb	6.1

GRA1	72.57	P	13:20:17.646	0.0	352.7	5.97	TAS	37.6	0.77	m_e	mb	5.6
GRA1	72.57	L	13:50:55.230				T__	327.3	21.70	a_e	Ms	4.6
GTTG	70.62	P	13:20:06.064	0.4	352.7	5.97	TAS	61.6	0.81	m_e	mb	5.8
HLG	67.82	P	13:19:48.847	-0.1	352.7	5.97	TAS	177.0	0.90	m_e	mb	6.3
IBBN	69.66	P	13:20:00.017	0.1	352.7	5.97	TAS	94.4	1.00	m_e	mb	5.9
KAST	70.82	P	13:20:06.862	0.0	352.7	5.97	TAS	29.7	0.83	m_e	mb	5.5
MOX	71.65	P	13:20:12.008	0.1	352.7	5.97	TAS	48.6	0.76	m_e	mb	5.7
MOX	71.65	L	13:47:13.162				T__	266.5	22.00	a_e	Ms	4.5
NEUB	71.12	P	13:20:08.668	-0.0	352.7	5.97	TAS	56.2	0.77	m_e	mb	5.8
PLN	71.86	P	13:20:13.102	0.0	352.7	5.97	TAS	10.0	0.81	m_e	mb	5.0
RETH	69.39	P	13:19:58.292	-0.0	352.7	5.97	TAS	127.9	1.38	m_e	mb	5.9
RGN	67.90	P	13:19:49.541	0.2	352.7	5.97	TAS	339.3	1.06	m_e	mb	6.5
RUE	69.99	P	13:20:01.994	0.1	352.7	5.97	TAS	218.9	1.10	m_e	mb	6.2
TANN	71.95	P	13:20:13.772	0.2	352.7	5.97	TAS	72.9	1.48	m_e	mb	5.6
TNS	71.79	P	13:20:12.932	0.3	352.7	5.97	TAS	49.7	0.89	m_e	mb	5.7
UBR	74.47	P	13:20:28.469		352.7	5.97	TAS	367.0	2.21	m_e	mb	6.0

Event 10213004 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/13	14:07:48.72			37.4240	141.7500				33.0			25		79.58	84.99	m i ke	BGR
	10213010																

Magnitude	Err	Nsta	Author	OrigID
mb	6.7		BGR	10213010
Ms	7.2		BGR	10213010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	81.04		P	14:19:58.814	0.2	37.5		5.20		TAS		438.7	1.12	m_e	mb	6.4
BFO	84.99		P	14:20:19.258	-0.4	37.5		5.20		TAS		984.7	1.03	m_e	mb	7.0
BRG	80.76		P	14:19:57.520	0.1	37.5		5.20		TAS		453.9	1.04	m_e	mb	6.4
BSEG	79.73		P	14:19:52.259	0.1	37.5		5.20		TAS		797.6	0.99	m_e	mb	6.6
BUG	82.84		P	14:20:08.266	-0.3	37.5		5.20		TAS		428.4	0.96	m_e	mb	6.7
CLL	80.79		P	14:19:57.442	0.1	37.5		5.20		TAS		823.3	1.00	m_e	mb	6.7
CLZ	81.38		P	14:20:01.037	0.1	37.5		5.20		TAS		1116.1	1.16	m_e	mb	6.8
FLT1	80.67		P	14:19:56.683	-0.2	37.5		5.20		TAS		787.1	1.00	m_e	mb	6.7
FUR	83.96		P	14:20:14.687		37.5		5.20		TAS		1097.7	1.03	m_e	mb	7.0
GEC2	82.43		P	14:20:06.356	-0.4	37.5		5.20		TAS		400.1	1.17	m_e	mb	6.5
GOR1	80.12		P	14:19:54.358	-0.2	37.5		5.20		TAS		1516.6	1.38	m_e	mb	6.7
GRA1	82.77		P	14:20:08.723	-0.1	37.5		5.20		TAS		1675.6	1.30	m_e	mb	7.1
GRA1	82.77		L	15:01:15.595						T__		113741.0	21.90	a_e	Ms	7.2
GTTG	81.77		P	14:20:02.959	-0.1	37.5		5.20		TAS		734.3	1.01	m_e	mb	6.8
HLG	80.38		P	14:19:55.665	0.1	37.5		5.20		TAS		762.2	1.06	m_e	mb	6.6
IBBN	81.96		P	14:20:03.887	-0.4	37.5		5.20		TAS		730.2	0.95	m_e	mb	6.8
KAST	82.62		P	14:20:07.312	-0.1	37.5		5.20		TAS		357.0	1.07	m_e	mb	6.5
MOX	81.86		P	14:20:03.422	-0.1	37.5		5.20		TAS		740.9	1.38	m_e	mb	6.6

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MOX	81.86	L	15:01:07.547							T__	120898.0	20.20	a_e	Ms	7.2
NEUB	81.36	P	14:20:00.579	-0.1	37.5	5.20				TAS	974.1	1.04	m_e	mb	6.8
PLN	81.77	P	14:20:02.755	0.0	37.5	5.20				TAS	277.0	1.53	m_e	mb	6.2
RETH	81.03	P	14:19:58.803	-0.0	37.5	5.20				TAS	967.1	1.26	m_e	mb	6.7
RUE	79.58	P	14:19:51.429	0.1	37.5	5.20				TAS	1223.3	1.28	m_e	mb	6.7
STU	84.30	P	14:20:15.925	0.5	37.5	5.20				TAS	2562.1	1.22	m_e	mb	7.3
TANN	81.71	P	14:20:02.533	0.2	37.5	5.20				TAS	829.5	1.74	m_e	mb	6.6
TNS	83.40	P	14:20:11.507	0.7	37.5	5.20				TAS	394.8	1.22	m_e	mb	6.5
UBR	84.82	P	14:20:18.291		37.5	5.20				TAS	305.6	1.16	m_e	mb	6.4

Event 10213005 Ninigo Islands, Papua New Guinea, region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/13	15:33:57.90			7.2800	149.4000				49.0				8	109.91	112.55	m i ke	EMSC
OrigID 10213041																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.1		BGR	10213011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	110.47		PKPdf	15:52:50.415		55.0		2.07		TAS				m_e	
BSEG	109.91		PKPdf	15:52:50.631	-0.3	55.0		2.07		TAS				m_e	
CLL	110.61		PKPdf	15:52:50.677		55.0		2.07		TAS				m_e	
CLZ	111.40		PKPdf	15:52:53.105	0.0	55.0		2.07		TAS				m_e	
FLT1	110.68		PKPdf	15:52:51.210	-0.1	55.0		2.07		TAS				m_e	
GEC2	111.94		PKPdf	15:52:52.881		55.0		2.07		TAS				m_e	
GRA1	112.55		L	16:35:57.801						T__	6209.9	21.90	a_e	Ms	6.2
MOX	111.70		L	16:32:59.649						T__	4027.9	21.90	a_e	Ms	6.0
PLN	111.56		PKPdf	15:52:52.636		55.0		2.07		TAS				m_e	
TANN	111.47		PKPdf	15:52:52.461		55.0		2.07		TAS				m_e	

Event 10214001 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/14	07:31:47.47			37.1660	141.5050				33.0				8	79.87	85.12	m i ke	BGR
OrigID 10214007																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.2		BGR	10214007
Ms	4.7		BGR	10214007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	85.12		P	07:44:19.528		37.8		5.19		TAS		38.0	1.20	m_e	mb	5.5

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BRG	80.88	P	07:43:57.595		37.8		5.19	TAS	9.1	0.82	m_e	mb	4.8
BSEG	79.87	P	07:43:52.401	0.4	37.8		5.19	TAS	24.2	1.14	m_e	mb	5.0
CLL	80.92	P	07:43:57.619		37.8		5.19	TAS	20.3	1.00	m_e	mb	5.1
CLZ	81.52	P	07:44:01.333		37.8		5.19	TAS	39.3	1.28	m_e	mb	5.4
FLT1	80.80	P	07:43:56.822	-0.1	37.8		5.19	TAS	19.1	0.83	m_e	mb	5.2
GEC2	82.54	P	07:44:06.388		37.8		5.19	TAS	8.1	0.77	m_e	mb	5.0
GRA1	82.90	L	08:24:49.881					T__	280.4	21.50	a_e	Ms	4.6
MOX	81.99	L	08:25:03.264					T__	363.6	20.80	a_e	Ms	4.7
NEUB	81.49	P	07:44:00.837		37.8		5.19	TAS	25.7	1.01	m_e	mb	5.3

Event 10214002 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/14	08:09:30.68			-21.2700	172.0690				33.0			16		144.49	147.78	m i ke	BGR
OrigID 10214008																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.1		BGR	10214008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	145.93		PKPbc	08:29:06.690	0.3	35.0		2.81		TAS				m_e		
BSEG	144.49		PKPbc	08:29:02.541	-0.2	35.0		2.81		TAS				m_e		
CLZ	146.27		PKPbc	08:29:08.019	-0.1	35.0		2.81		TAS				m_e		
FLT1	145.57		PKPbc	08:29:05.397	0.4	35.0		2.81		TAS				m_e		
GEC2	147.47		PKPbc	08:29:10.561		35.0		2.81		TAS				m_e		
GOR1	144.99		PKPbc	08:29:04.159	0.0	35.0		2.81		TAS				m_e		
GRA1	147.78		PKPbc	08:29:11.753		35.0		2.81		TAS				m_e		
GRA1	147.78		L	09:39:42.286						T__		344.6	21.20	a_e	Ms	5.1
GTTG	146.65		PKPbc	08:29:08.997	0.1	35.0		2.81		TAS				m_e		
IBBN	146.66		PKPbc	08:29:08.850	0.0	35.0		2.81		TAS				m_e		
KAST	147.44		PKPbc	08:29:10.919	0.2	35.0		2.81		TAS				m_e		
MOX	146.85		PKPbc	08:29:09.061		35.0		2.81		TAS				m_e		
MOX	146.85		L	09:38:43.426						T__		363.1	20.00	a_e	Ms	5.2
NEUB	146.34		PKPbc	08:29:07.859	0.0	35.0		2.81		TAS				m_e		
PLN	146.78		PKPbc	08:29:09.077		35.0		2.81		TAS				m_e		
RETH	145.81		PKPbc	08:29:06.338	-0.2	35.0		2.81		TAS				m_e		
RUE	144.57		PKPbc	08:29:02.742	-0.2	35.0		2.81		TAS				m_e		
TANN	146.72		PKPbc	08:29:08.962		35.0		2.81		TAS				m_e		

Event 10214003 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/14	08:45:08.91			-20.8020	170.1250				33.0			10		143.45	146.61	m i ke	BGR
OrigID																	

10214009

Magnitude	Err	Nsta	Author	OrigID
Ms	5.0		BGR	10214009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BSEG	143.45		PKPbc	09:04:37.448	-0.2	37.7		2.97		TAS				m_e	
CLL	144.63		PKPbc	09:04:40.948		37.7		2.97		TAS				m_e	
CLZ	145.18		PKPbc	09:04:42.843	0.2	37.7		2.97		TAS				m_e	
GEC2	146.22		PKPbc	09:04:45.477		37.7		2.97		TAS				m_e	
GOR1	143.91		PKPbc	09:04:38.911	0.0	37.7		2.97		TAS				m_e	
GRA1	146.61		PKPbc	09:04:46.606		37.7		2.97		TAS				m_e	
GRA1	146.61		L	09:50:27.789						T__		250.3	19.00	a_e Ms	5.0
GTTG	145.57		PKPbc	09:04:43.777	-0.1	37.7		2.97		TAS				m_e	
MOX	145.69		PKPbc	09:04:43.855		37.7		2.97		TAS				m_e	
MOX	145.69		L	09:53:12.096						T__		225.8	18.80	a_e Ms	5.0
PLN	145.61		PKPbc	09:04:43.907		37.7		2.97		TAS				m_e	
TANN	145.54		PKPbc	09:04:43.764		37.7		2.97		TAS				m_e	

Event 10214004 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/14	15:01:49.89			-21.7910	171.4440				33.0			12		144.82	148.02	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
Ms	5.7		BGR	10214010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	146.21		PKPbc	15:21:26.814	0.1	36.4		2.78		TAS				m_e	
BRG	146.01		PKPbc	15:21:26.371		36.4		2.78		TAS				m_e	
CLL	146.04		PKPbc	15:21:26.190		36.4		2.78		TAS				m_e	
CLZ	146.55		PKPbc	15:21:28.086	0.2	36.4		2.78		TAS				m_e	
FLT1	145.85		PKPbc	15:21:25.598	0.1	36.4		2.78		TAS				m_e	
GEC2	147.67		PKPbc	15:21:30.791		36.4		2.78		TAS				m_e	
GRA1	148.02		PKPbc	15:21:31.635		36.4		2.78		TAS				m_e	
GRA1	148.02		L	16:32:19.199						T__		1498.8	20.50	a_e Ms	5.8
GTTG	146.93		PKPbc	15:21:28.886	-0.1	36.4		2.78		TAS				m_e	
MOX	147.09		L	16:30:30.027						T__		1254.4	20.70	a_e Ms	5.7
NEUB	146.59		PKPbc	15:21:27.819		36.4		2.78		TAS				m_e	
PLN	147.02		PKPbc	15:21:29.117		36.4		2.78		TAS				m_e	
RUE	144.82		PKPbc	15:21:22.858	-0.1	36.4		2.78		TAS				m_e	
TANN	146.96		PKPbc	15:21:29.014		36.4		2.78		TAS				m_e	

Event 10215001 Near east coast of eastern Honshu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/15	12:26:06.32			37.7570	141.5100				33.0			17		79.35	84.61	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
mb	5.6		BGR	10215007
Ms	5.0		BGR	10215007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	80.66		P	12:38:14.665	0.4	37.5		5.23		TAS		29.9	1.04	m_e	mb 5.3
BFO	84.61		P	12:38:35.071		37.5		5.23		TAS		78.1	1.01	m_e	mb 5.9
BRG	80.37		P	12:38:13.151	0.6	37.5		5.23		TAS		35.0	0.96	m_e	mb 5.3
BSEG	79.35		P	12:38:07.852	0.0	37.5		5.23		TAS		70.8	1.06	m_e	mb 5.6
CLL	80.41		P	12:38:13.124	0.0	37.5		5.23		TAS		63.0	0.94	m_e	mb 5.6
CLZ	81.00		P	12:38:16.903	-0.3	37.5		5.23		TAS		84.7	1.14	m_e	mb 5.7
FLT1	80.29		P	12:38:12.360	-0.1	37.5		5.23		TAS		64.6	0.99	m_e	mb 5.5
GEC2	82.04		P	12:38:21.987		37.5		5.23		TAS		20.8	0.88	m_e	mb 5.3
GOR1	79.74		P	12:38:10.130	0.2	37.5		5.23		TAS		118.1	1.31	m_e	mb 5.7
GRA1	82.39		P	12:38:24.316		37.5		5.23		TAS		92.4	1.10	m_e	mb 5.8
GRA1	82.39		L	13:19:38.235						T__		695.5	18.60	a_e	Ms 5.0
IBBN	81.57		P	12:38:19.422	-0.4	37.5		5.23		TAS		81.3	1.03	m_e	mb 5.8
KAST	82.24		P	12:38:22.947	-0.0	37.5		5.23		TAS		25.5	1.03	m_e	mb 5.3
MOX	81.47		P	12:38:19.012	0.0	37.5		5.23		TAS		26.6	0.98	m_e	mb 5.3
MOX	81.47		L	13:19:08.757						T__		743.6	20.20	a_e	Ms 5.0
RETH	80.65		P	12:38:14.638	-0.0	37.5		5.23		TAS		54.9	1.14	m_e	mb 5.5
STU	83.92		P	12:38:31.795		37.5		5.23		TAS		189.3	1.14	m_e	mb 6.2
TANN	81.32		P	12:38:18.194	-0.3	37.5		5.23		TAS		30.6	1.21	m_e	mb 5.2
TNS	83.02		P	12:38:27.227		37.5		5.23		TAS		361.4	2.89	m_e	mb 6.1

Event 10215002 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/15	21:26:50.72			-23.4250	173.9140				33.0			7		149.37	150.42	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
Ms	4.9		BGR	10215008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUG	150.12		PKPbc	21:46:38.011		33.6		2.52		TAS				m_e	
GEC2	150.16		PKPbc	21:46:37.862		33.6		2.52		TAS				m_e	
GRA1	150.42		PKPbc	21:46:38.844		33.6		2.52		TAS				m_e	
GRA1	150.42		L	22:39:34.106						T__		174.2	20.70	a_e	Ms 4.8

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KAST	150.02	PKPbc	21:46:38.022	33.6	2.52	TAS											m_e
MOX	149.48	PKPbc	21:46:36.164	33.6	2.52	TAS											m_e
MOX	149.48	L	22:37:23.426			T__					175.2	18.30	a_e Ms			4.9	
PLN	149.43	PKPbc	21:46:36.093	33.6	2.52	TAS											m_e
TANN	149.37	PKPbc	21:46:36.089	33.6	2.52	TAS											m_e

Event 10216001 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/16	00:49:20.03			-17.7200	167.6000				33.0			7		141.91	145.05	m i ke	EMSC
OrigID 10216037																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.3		BGR	10216007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	145.05		PKPbc	01:09:03.405		38.0		3.05		TAS					m_e
FUR	143.97		PKPbc	01:08:59.975		38.0		3.05		TAS					m_e
GEC2	142.39		PKPbc	01:08:55.644		38.0		3.05		TAS					m_e
GRA1	142.82		L	02:11:56.591						T__		6171.5	19.90	a_e Ms	6.4
MOX	141.91		L	02:11:39.022						T__		4619.0	21.20	a_e Ms	6.2
STU	144.36		PKPbc	01:09:01.135		38.0		3.05		TAS					m_e
TNS	143.46		PKPbc	01:08:58.192		38.0		3.05		TAS					m_e
UBR	144.84		PKPbc	01:09:02.669		38.0		3.05		TAS					m_e
WLF	144.74		PKPbc	01:09:02.778		38.0		3.05		TAS					m_e

Event 10217001 Vanuatu Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/17	09:36:15.19			-20.4810	169.3070				35.4			12		144.59	148.22	m i ke	BGR
OrigID 10217007																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.0		BGR	10217007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	148.22		pPKPbc	09:56:08.344		37.7		3.11		TAS					m_e
CLZ	144.59		PKPbc	09:55:46.814	0.1	38.7		3.13		TAS					m_e
CLZ	144.59		pPKPbc	09:55:57.475	-0.0	37.7		3.11		TAS					m_e
FUR	147.15		pPKPbc	09:56:05.851		37.7		3.11		TAS					m_e
GEC2	145.58		PKPbc	09:55:49.912		38.7		3.13		TAS					m_e
GEC2	145.58		pPKPbc	09:56:00.591	-0.2	37.7		3.11		TAS					m_e
GRA1	145.99		L	11:04:36.521						T__		223.6	20.00	a_e Ms	4.9

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GTTG	144.98	pPKPbc	09:55:58.872	0.1	37.7	3.11	TAS	m_e										
IBBN	145.09	pPKPbc	09:55:58.941	-0.4	37.7	3.11	TAS	m_e										
KAST	145.81	PKPbc	09:55:50.914	0.0	38.7	3.13	TAS	m_e										
KAST	145.81	pPKPbc	09:56:01.269	-0.0	37.7	3.11	TAS	m_e										
MOX	145.09	PKPbc	09:55:48.305	-0.0	38.7	3.13	TAS	m_e										
MOX	145.09	pPKPbc	09:55:58.954	0.2	37.7	3.11	TAS	m_e										
MOX	145.09	L	10:52:36.381				T__				249.7	21.50	a_e Ms				5.0	
PLN	145.00	PKPbc	09:55:48.200	-0.1	38.7	3.13	TAS	m_e										
PLN	145.00	pPKPbc	09:55:58.890	0.3	37.7	3.11	TAS	m_e										
TANN	144.93	PKPbc	09:55:47.876		38.7	3.13	TAS	m_e										
TNS	146.62	pPKPbc	09:56:04.108	-0.1	37.7	3.11	TAS	m_e										
UBR	148.03	pPKPbc	09:56:07.933		37.7	3.11	TAS	m_e										
WLF	147.88	PKPbc	09:55:57.401		38.7	3.13	TAS	m_e										
WLF	147.88	pPKPbc	09:56:08.215	-0.4	37.7	3.11	TAS	m_e										

Event 10217002 Southern Iran

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/17	18:35:32.29			29.9110	51.5630				33.0			6		34.37	39.35	m i ke	BGR
10217008																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.5		BGR	10217008
Ms	4.5		BGR	10217008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CLZ	37.38		P	18:42:41.941	0.5	107.9		8.54		TAS		40.5	0.66	m_e mb	5.3
GEC2	34.37		P	18:42:15.870		107.9		8.54		TAS		42.8	1.20	m_e mb	5.2
GRA1	36.18		P	18:42:31.673		107.9		8.54		TAS		99.3	0.86	m_e mb	5.7
GRA1	36.18		L	19:02:24.024						T__		875.6	21.00	a_e Ms	4.5
MOX	36.25		L	18:58:55.072						T__		818.1	20.20	a_e Ms	4.5
TNS	38.05		P	18:42:47.836		107.9		8.54		TAS		210.1	1.39	m_e mb	5.7
UBR	36.34		P	18:42:33.033		107.9		8.54		TAS		213.9	1.14	m_e mb	5.9
WLF	39.35		P	18:42:58.281		107.9		8.54		TAS		76.5	0.96	m_e mb	5.3

Event 10217003 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/17	22:49:37.49			-24.2890	173.1020				33.0			19		148.72	153.10	m i ke	BGR
10217009																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.4		BGR	10217009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	153.10		PKPbc	23:09:31.485		35.7		2.47		TAS				m_e	
BRG	148.92		PKPbc	23:09:21.506	0.1	35.7		2.47		TAS				m_e	
BUG	150.72		PKPbc	23:09:26.096	0.3	35.7		2.47		TAS				m_e	
CLL	148.94		PKPbc	23:09:21.326	0.2	35.7		2.47		TAS				m_e	
CLZ	149.42		PKPbc	23:09:23.131	0.1	35.7		2.47		TAS				m_e	
FLT1	148.72		PKPbc	23:09:20.681	-0.0	35.7		2.47		TAS				m_e	
FUR	152.12		PKPbc	23:09:29.500		35.7		2.47		TAS				m_e	
GEC2	150.58		PKPbc	23:09:25.890		35.7		2.47		TAS				m_e	
GRA1	150.91		PKPbc	23:09:26.844		35.7		2.47		TAS				m_e	
GRA1	150.91		L	00:12:38.036						T__		667.4	21.20	a_e Ms	5.4
GTTG	149.80		PKPbc	23:09:24.059	0.1	35.7		2.47		TAS				m_e	
KAST	150.59		PKPbc	23:09:25.993	0.3	35.7		2.47		TAS				m_e	
MOX	149.99		PKPbc	23:09:24.317	0.1	35.7		2.47		TAS				m_e	
MOX	149.99		L	00:12:33.498						T__		772.2	21.60	a_e Ms	5.5
NEUB	149.48		PKPbc	23:09:22.976	0.3	35.7		2.47		TAS				m_e	
PLN	149.91		PKPbc	23:09:24.188	-0.4	35.7		2.47		TAS				m_e	
STU	152.42		PKPbc	23:09:30.325		35.7		2.47		TAS				m_e	
TANN	149.86		PKPbc	23:09:24.162	-0.0	35.7		2.47		TAS				m_e	
TNS	151.43		PKPbc	23:09:28.159	-0.3	35.7		2.47		TAS				m_e	
UBR	152.98		PKPbc	23:09:31.254		35.7		2.47		TAS				m_e	
WLF	152.63		PKPbc	23:09:31.382		35.7		2.47		TAS				m_e	

Event 10218001 Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/18	06:37:28.49			-20.6500	168.9310				33.0			7		145.09	148.01	m i ke	BGR
10218007																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.0		BGR	10218007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FUR	147.14		PKPbc	06:57:08.316		39.4		3.46		TAS				m_e	
GRA1	145.99		PKPbc	06:57:04.346		39.4		3.46		TAS				m_e	
GRA1	145.99		L	08:01:12.997						T__		2851.9	21.20	a_e Ms	6.0
MOX	145.09		PKPbc	06:57:00.731		39.4		3.46		TAS				m_e	
MOX	145.09		L	08:03:44.934						T__		3057.0	20.60	a_e Ms	6.1
STU	147.53		PKPbc	06:57:09.540		39.4		3.46		TAS				m_e	
TNS	146.64		PKPbc	06:57:06.473		39.4		3.46		TAS				m_e	
UBR	148.01		PKPbc	06:57:10.797		39.4		3.46		TAS				m_e	
WLF	147.91		PKPbc	06:57:11.123		39.4		3.46		TAS				m_e	

Event 10218004 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/18	15:30:43.92			-14.9700	-176.5800				33.0				9	143.71	146.82	m i ke	emsc
OrigID 10218040																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.2		BGR	10218010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	146.39		PKPbc	15:50:32.685		10.6		2.71		TAS					m_e
FUR	146.18		PKPbc	15:50:32.245		10.6		2.71		TAS					m_e
GEC2	145.09		PKPbc	15:50:28.427		10.6		2.71		TAS					m_e
GRA1	144.70		PKPbc	15:50:27.379		10.6		2.71		TAS					m_e
GRA1	144.70		L	16:52:01.717						T__		5135.8	21.70	a_e Ms	6.3
MOX	143.71		L	16:52:34.117						T__		3403.2	21.10	a_e Ms	6.1
STU	145.87		PKPbc	15:50:31.047		10.6		2.71		TAS					m_e
TANN	143.81		PKPbc	15:50:26.930		10.6		2.71		TAS					m_e
TNS	144.51		PKPbc	15:50:26.481		10.6		2.71		TAS					m_e
UBR	146.82		PKPbc	15:50:33.892		10.6		2.71		TAS					m_e
WLF	145.23		PKPbc	15:50:29.475		10.6		2.71		TAS					m_e

Event 10218005 Tonga Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/18	16:04:54.88			-18.8290	-173.2930				33.0				9	146.29	149.44	m i ke	BGR
OrigID 10218011																	

Magnitude	Err	Nsta	Author	OrigID
Ms	6.2		BGR	10218011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	147.43		PKPbc	16:24:35.515		8.3		2.68		TAS					m_e
CLL	147.12		PKPbc	16:24:34.509		8.3		2.68		TAS					m_e
FLT1	146.29		PKPbc	16:24:32.062	0.2	8.3		2.68		TAS					m_e
GEC2	149.44		PKPbc	16:24:40.579		8.3		2.68		TAS					m_e
GRA1	148.91		L	16:52:23.333						T__		5020.1	21.50	a_e Ms	6.3
KAST	147.57		PKPbc	16:24:35.910		8.3		2.68		TAS					m_e
MOX	147.92		PKPbc	16:24:36.911		8.3		2.68		TAS					m_e
MOX	147.92		L	16:52:34.103						T__		3403.2	21.10	a_e Ms	6.1
PLN	148.03		PKPbc	16:24:37.108		8.3		2.68		TAS					m_e
TANN	148.06		PKPbc	16:24:37.329		8.3		2.68		TAS					m_e
TNS	148.55		PKPbc	16:24:38.478		8.3		2.68		TAS					m_e

Event 10224001 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/24	09:58:32.32	1.88	0.62	45.5250	16.1770	28.9	5.6	149	10.0			30	274	2.50	6.33	m i ke	BGR

Magnitude	Err	Nsta	Author	OrigID
ML	4.1		BGR	10224007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BALST	6.13		Pn	10:00:00.909	-0.0					T__				m_e	ML	4.5
BERGE	5.98		Pn	09:59:58.113	-0.7					T__				m_e	ML	4.2
BFO	6.06		Pn	09:59:59.152	-0.8					T__				m_e	ML	4.3
BIOA	2.78		Pn	09:59:15.995	0.2					T__				m_e	ML	3.8
CKRC	3.53		Pn	09:59:25.966	0.1					T__				m_e	ML	4.1
DPC	4.83		Pn	09:59:43.283	-0.2					T__				m_e	ML	4.4
EMING	5.57		Pn	09:59:52.897	-0.4					T__				m_e	ML	4.3
GEC2	3.72		Pn	09:59:28.444	-0.0					T__				m_e	ML	3.9
KBA	2.50		Pn	09:59:11.277	-0.7					T__				m_e	ML	3.8
KHC	4.01		Pn	09:59:32.669	0.3					T__				m_e	ML	4.0
KRUC	3.54		Pn	09:59:25.332	-0.6					T__				m_e	ML	3.7
LESA	3.07		Pn	09:59:19.722	0.0					T__				m_e	ML	3.8
METMA	5.88		Pn	09:59:56.944	-0.6					T__				m_e	ML	4.1
MILB	6.33		Pn	10:00:03.555	-0.1					T__				m_e	ML	4.7
MORC	4.35		Pn	09:59:37.172	0.3					T__				m_e	ML	4.2
MOX	5.96		Pn	09:59:58.200	-0.4					T__				m_e	ML	4.2
NKC	5.33		Pn	09:59:51.212	1.1					T__				m_e	ML	4.4
OKC	4.51		Pn	09:59:39.233	0.1					T__				m_e	ML	3.4
PLONS	4.95		Pn	09:59:46.690	1.7					T__				m_e	ML	3.9
PRU	4.60		Pn	09:59:40.423	0.2					T__				m_e	ML	4.0
PVCC	5.12		Pn	09:59:48.324	1.1					T__				m_e	ML	4.6
RJOB	3.21		Pn	09:59:21.999	0.5					T__				m_e	ML	3.6
ROTZ	5.02		Pn	09:59:44.965	-0.9					T__				m_e	ML	4.1
SLE	5.74		Pn	09:59:55.180	-0.5					T__				m_e	ML	4.9
SQTA	3.83		Pn	09:59:30.964	1.0					T__				m_e	ML	4.2
UBR	4.70		Pn	09:59:41.516	-0.1					T__				m_e	ML	4.4
VRAC	3.79		Pn	09:59:28.721	-0.7					T__				m_e	ML	3.6
WILA	5.36		Pn	09:59:50.974	0.4					T__				m_e	ML	4.5
ZELS			Pn	10:00:05.134	-0.4					T__				m_e		
ZUGS	4.06		Pn	09:59:33.224	0.2					T__				m_e	ML	4.2

Event 10224004 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
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2021/02/24 10:06:12.13 63.3630 -21.2250 33.0 25 18.71 23.87 m i ke BGR
10224010

Magnitude Err Nsta Author OrigID
mb 5.4 BGR 10224010
MBB 5.8 BGR 10224010
Ms 5.0 BGR 10224010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	20.13		P	10:10:39.540	-1.4	320.3		10.60		TAS		309.0	1.36	m_e	mb 5.4
BFO	22.08		P	10:11:02.998	0.1	320.3		10.60		TAS		260.3	1.10	m_e	MBB 5.8
BRG	22.44		P	10:11:03.873	-1.1	320.3		10.60		TAS		147.3	1.05	m_e	MBB 5.6
BSEG	18.71		P	10:10:23.632	-1.2	320.3		10.60		TAS		210.7	1.16	m_e	MBB 5.8
BUG	19.22		P	10:10:30.908	-0.7	320.3		10.60		TAS		310.8	1.41	m_e	MBB 5.8
CLL	21.72		P	10:10:56.475	-1.0	320.3		10.60		TAS		163.9	1.21	m_e	MBB 5.4
CLZ	20.21		P	10:10:41.307	-0.7	320.3		10.60		TAS		134.1	1.00	m_e	mb 5.1
FLT1	20.22		P	10:10:39.943	-1.7	320.3		10.60		TAS		124.6	0.91	m_e	MBB 5.6
FUR	23.40		P	10:11:16.027	-0.7	320.3		10.60		TAS		2576.9	2.74	m_e	MBB 6.0
GEC2	23.87		P	10:11:19.960	0.6	320.3		10.60		TAS		142.2	1.65	m_e	MBB 5.6
GOR1	19.79		P	10:10:36.468	-0.1	320.3		10.60		TAS		190.6	1.29	m_e	MBB 5.7
GRA1	22.18		P	10:11:05.271	-1.0	320.3		10.60		TAS		282.0	1.16	m_e	mb 5.6
GRA1	22.18		L	10:19:25.941						T__		4727.3	21.40	a_e	Ms 4.9
GTTG	20.26		P	10:10:42.026	-0.6	320.3		10.60		TAS		236.1	1.17	m_e	MBB 5.8
IBBN	18.77		P	10:10:25.386	-1.6	320.3		10.60		TAS		209.9	1.14	m_e	MBB 5.9
KAST	19.87		P	10:10:37.705	-0.9	320.3		10.60		TAS		174.9	1.23	m_e	mb 5.2
MOX	21.62		P	10:10:56.059	-1.0	320.3		10.60		TAS		181.4	0.96	m_e	MBB 5.7
MOX	21.62		L	10:20:13.495						T__		9366.8	18.50	a_e	Ms 5.2
NEUB	21.28		P	10:10:53.674	0.4	320.3		10.60		TAS		499.6	0.93	m_e	MBB 5.9
RETH	19.13		P	10:10:28.839	-1.7	320.3		10.60		TAS		132.8	1.07	m_e	MBB 5.8
RGN	19.62		P	10:10:37.679	6.0	320.3		10.60		TAS		379.6	1.05	m_e	MBB 5.9
RUE	21.22		P	10:10:51.924	1.1	320.3		10.60		TAS		199.6	1.18	m_e	MBB 5.5
STU	22.07		P	10:11:02.099	2.1	320.3		10.60		TAS		1094.7	1.03	m_e	MBB 6.4
TANN	22.15		P	10:11:02.129	0.8	320.3		10.60		TAS		186.5	1.12	m_e	MBB 5.6
TNS	20.63		P	10:10:47.294	2.8	320.3		10.60		TAS		416.4	1.09	m_e	MBB 5.9
UBR	23.31		P	10:11:13.726		320.3		10.60		TAS		270.7	1.19	m_e	MBB 6.0
WLF	20.16		P	10:10:43.002	2.1	320.3		10.60		TAS		175.3	1.07	m_e	MBB 5.5

Event 10224003 Kuril Islands, Russia

Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author
OrigID
2021/02/24 22:26:02.39 44.3480 147.0150 33.0 18 75.23 80.73 m i ke BGR
10224009

Magnitude Err Nsta Author OrigID
mb 5.4 BGR 10224009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	80.73		P	22:38:11.085		30.6		5.52		TAS		17.1	1.12	m_e	mb 5.0
BRG	76.68		P	22:37:48.491	0.5	30.6		5.52		TAS		22.7	1.41	m_e	mb 5.1
BSEG	75.23		P	22:37:40.646	0.9	30.6		5.52		TAS		52.7	1.57	m_e	mb 5.3
BUG	78.31		P	22:37:57.568	-0.4	30.6		5.52		TAS		51.9	1.29	m_e	mb 5.5
CLL	76.63		P	22:37:48.225	0.0	30.6		5.52		TAS		32.3	0.89	m_e	mb 5.5
CLZ	77.02		P	22:37:50.669	-0.4	30.6		5.52		TAS		104.8	1.61	m_e	mb 5.7
FLT1	76.33		P	22:37:46.052	-0.2	30.6		5.52		TAS		148.6	2.06	m_e	mb 5.8
GEC2	78.48		P	22:37:58.895		30.6		5.52		TAS		9.1	0.86	m_e	mb 4.8
GOR1	75.74		P	22:37:44.523	1.1	30.6		5.52		TAS		58.4	1.34	m_e	mb 5.5
GRA1	78.60		P	22:38:00.003		30.6		5.52		TAS		45.5	0.96	m_e	mb 5.5
GTTG	77.40		P	22:37:52.625	0.2	30.6		5.52		TAS		49.1	1.35	m_e	mb 5.5
IBBN	77.41		P	22:37:52.435	-0.1	30.6		5.52		TAS		18.1	0.83	m_e	mb 5.2
KAST	78.18		P	22:37:57.290	-0.2	30.6		5.52		TAS		155.3	2.05	m_e	mb 5.8
MOX	77.65		P	22:37:54.276	0.4	30.6		5.52		TAS		115.4	2.19	m_e	mb 5.6
PLN	77.61		P	22:37:53.842	0.1	30.6		5.52		TAS		33.2	2.15	m_e	mb 5.1
RETH	76.55		P	22:37:49.175	-0.4	30.6		5.52		TAS		52.4	1.41	m_e	mb 5.5
TANN	77.57		P	22:37:53.760	-0.2	30.6		5.52		TAS		65.8	2.05	m_e	mb 5.4
WET	78.51		P	22:37:59.396		30.6		5.52		TAS		26.1	1.10	m_e	mb 5.2

Event 10226008 Fiji Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/26	06:22:38.11			-17.2620	-178.2940				547.0			15		144.12	148.80	m i ke	BGR
	10226014																

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	144.41		PKPbc	06:41:10.706	0.1	16.7		2.81		TAS				m_e	
BFO	148.45		PKPbc	06:41:22.218		16.7		2.81		TAS				m_e	
BRG	144.99		PKPbc	06:41:12.904	-0.2	16.7		2.81		TAS				m_e	
CLL	144.78		PKPbc	06:41:12.183	0.5	16.7		2.81		TAS				m_e	
CLZ	144.73		PKPbc	06:41:12.237	0.2	16.7		2.81		TAS				m_e	
FLT1	144.12		PKPbc	06:41:09.793	0.2	16.7		2.81		TAS				m_e	
GEC2	146.94		PKPbc	06:41:18.113		16.7		2.81		TAS				m_e	
GRA1	146.66		PKPbc	06:41:17.953		16.7		2.81		TAS				m_e	
GTTG	145.08		PKPbc	06:41:13.220	0.3	16.7		2.81		TAS				m_e	
IBBN	144.62		PKPbc	06:41:11.855	0.3	16.7		2.81		TAS				m_e	
MOX	145.68		PKPbc	06:41:14.730		16.7		2.81		TAS				m_e	
TANN	145.73		PKPbc	06:41:15.163		16.7		2.81		TAS				m_e	
TNS	146.58		PKPbc	06:41:17.566		16.7		2.81		TAS				m_e	
UBR	148.80		PKPbc	06:41:23.103		16.7		2.81		TAS				m_e	
WLF	147.38		PKPbc	06:41:20.135		16.7		2.81		TAS				m_e	

Event 10226009 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/26	22:38:51.64			64.2260	-21.6090				10.0			18		19.12	24.35	m i ke	BGR
OrigID 10226015																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.4		BGR	10226015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	22.66		P	22:43:48.675		322.2		10.33		TAS		13.7	0.93	m_e	mb	4.5
BRG	22.87		P	22:43:51.015		322.2		10.33		TAS		11.1	0.87	m_e	mb	4.4
BSEG	19.12		P	22:43:12.203	-1.4	322.2		10.33		TAS		15.5	0.98	m_e	mb	4.2
BUG	19.75		P	22:43:18.159	-0.4	322.2		10.33		TAS		12.6	0.82	m_e	mb	4.2
CLL	22.16		P	22:43:44.609		322.2		10.33		TAS		14.2	0.99	m_e	mb	4.4
CLZ	20.68		P	22:43:29.016	2.0	322.2		10.33		TAS		12.1	0.93	m_e	mb	4.2
FLT1	20.66		P	22:43:28.509		322.2		10.33		TAS		13.7	0.84	m_e	mb	4.3
FUR	23.93		P	22:44:02.823		322.2		10.33		TAS		16.6	0.88	m_e	mb	4.6
GEC2	24.35		P	22:44:06.649		322.2		10.33		TAS		5.8	0.97	m_e	mb	4.1
GRA1	22.68		P	22:43:50.096		322.2		10.33		TAS		16.6	1.00	m_e	mb	4.5
GTTG	20.74		P	22:43:29.474	-0.0	322.2		10.33		TAS		17.1	0.89	m_e	mb	4.4
IBBN	19.27		P	22:43:14.209		322.2		10.33		TAS		17.4	0.98	m_e	mb	4.2
KAST	20.38		P	22:43:26.400	2.2	322.2		10.33		TAS		22.3	1.08	m_e	mb	4.3
MOX	22.09		P	22:43:43.163	0.0	322.2		10.33		TAS		13.9	0.85	m_e	mb	4.4
NEUB	21.74		P	22:43:42.156	-0.5	322.2		10.33		TAS		53.4	0.82	m_e	mb	5.0
STU	22.63		P	22:43:48.182		322.2		10.33		TAS		60.1	0.87	m_e	mb	5.1
TANN	22.62		P	22:43:49.378		322.2		10.33		TAS		15.9	0.92	m_e	mb	4.5
TNS	21.17		P	22:43:34.277	-0.1	322.2		10.33		TAS		24.6	0.90	m_e	mb	4.5
UBR	23.87		P	22:44:01.224		322.2		10.33		TAS		20.6	0.86	m_e	mb	4.7
WET	23.78		P	22:44:00.352		322.2		10.33		TAS		13.9	0.95	m_e	mb	4.5
WLF	20.75		P	22:43:28.555	0.0	322.2		10.33		TAS		9.6	0.87	m_e	mb	4.1

Event 10227005 Fiji Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/27	02:12:46.22			-16.4460	177.7080				551.0			25		140.02	147.14	m i ke	BGR
OrigID 10227011																	

Magnitude	Err	Nsta	Author	OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	142.86		PKPbc	02:31:38.381	2.5	15.4		2.70		TAS				a_e	
BFO	146.94		PKPbc	02:31:48.731		15.4		2.70		TAS				m_e	
BRG	143.19		PKPbc	02:31:40.031	2.8	15.4		2.70		TAS				a_e	

BSEG	141.24	PKPbc	02:31:32.981	3.5	15.4	2.70	TAS	a_e
BUG	144.18	PKPbc	02:31:41.231	0.2	15.4	2.70	TAS	a_e
CLL	143.06	PKPbc	02:31:39.231	2.6	15.4	2.70	TAS	a_e
CLZ	143.19	PKPbc	02:31:39.531	2.3	15.4	2.70	TAS	a_e
FLT1	142.55	PKPbc	02:31:37.031	2.4	15.4	2.70	TAS	a_e
FUR	146.38	PKPbc	02:31:47.931		15.4	2.70	TAS	a_e
GEC2	145.08	PKPbc	02:31:45.231	-2.4	15.4	2.70	TAS	a_e
GOR1	141.92	PKPbc	02:31:35.667	3.6	15.4	2.70	TAS	m_e
GTTG	143.56	PKPbc	02:31:40.331	1.4	15.4	2.70	TAS	a_e
HLG	141.43	PKPbc	02:31:33.671	3.0	15.4	2.70	TAS	m_e
KAST	144.20	PKPbc	02:31:41.631	0.3	15.4	2.70	TAS	a_e
MOX	144.02	PKPbc	02:31:41.931	1.6	15.4	2.70	TAS	a_e
NEUB	143.47	PKPbc	02:31:40.465	1.6	15.4	2.70	TAS	m_e
PLN	144.03	PKPbc	02:31:42.232	-0.4	15.4	2.70	TAS	m_e
RETH	142.56	PKPbc	02:31:37.131	2.3	15.4	2.70	TAS	a_e
RUE	141.80	PKPbc	02:31:35.354	3.8	15.4	2.70	TAS	m_e
STU	146.34	PKPbc	02:31:47.531	-3.6	15.4	2.70	TAS	a_e
TANN	144.01	PKPbc	02:31:42.081	1.7	15.4	2.70	TAS	a_e
TNS	145.12	PKPbc	02:31:44.392	-2.1	15.4	2.70	TAS	m_e
UBR	147.14	PKPbc	02:31:49.481		15.4	2.70	TAS	a_e
WLF	146.08	PKPbc	02:31:46.781	-3.7	15.4	2.70	TAS	a_e

Event 10227006 Iceland region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/27	08:07:50.99			63.8310	-21.5160				10.0			23		18.96	24.16	m i k e	BGR
10227012																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.8		BGR	10227012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	20.41	P		08:12:27.938	-0.3	321.3		10.50		TAS		40.7	1.03	m_e mb	4.6
BFO	22.43	P		08:12:49.103	0.8	321.3		10.50		TAS		69.1	1.01	m_e mb	5.0
BRG	22.71	P		08:12:52.102		321.3		10.50		TAS		33.7	0.92	m_e mb	4.9
BSEG	18.96	P		08:12:12.113	0.1	321.3		10.50		TAS		25.5	0.81	m_e mb	4.5
BUG	19.54	P		08:12:19.668	-0.2	321.3		10.50		TAS		54.9	0.90	m_e mb	4.8
CLL	21.99	P		08:12:45.363	-0.3	321.3		10.50		TAS		68.8	1.30	m_e mb	4.9
CLZ	20.49	P		08:12:28.990	1.7	321.3		10.50		TAS		27.4	0.94	m_e mb	4.6
FLT1	20.49	P		08:12:27.666	1.0	321.3		10.50		TAS		23.1	0.77	m_e mb	4.6
FUR	23.72	P		08:13:03.977		321.3		10.50		TAS		25.2	0.77	m_e mb	4.8
GEC2	24.16	P		08:13:08.092		321.3		10.50		TAS		17.9	1.05	m_e mb	4.5
GRA1	22.48	P		08:12:50.039	0.2	321.3		10.50		TAS		39.9	0.92	m_e mb	4.9
GTTG	20.55	P		08:12:29.608	-1.0	321.3		10.50		TAS		62.4	1.06	m_e mb	4.9
IBBN	19.08	P		08:12:14.611	0.4	321.3		10.50		TAS		23.5	0.90	m_e mb	4.4
KAST	20.18	P		08:12:25.359	0.1	321.3		10.50		TAS		34.9	0.92	m_e mb	4.6

MOX	21.91	P	08:12:43.245	0.5	321.3	10.50	TAS	53.0	1.10	m_e	mb	4.9
NEUB	21.56	P	08:12:39.622	0.3	321.3	10.50	TAS	92.6	0.80	m_e	mb	5.3
RUE	21.47	P	08:12:39.275	0.1	321.3	10.50	TAS	38.4	0.92	m_e	mb	4.7
STU	22.40	P	08:12:49.076	-1.8	321.3	10.50	TAS	207.0	0.96	m_e	mb	5.5
TANN	22.44	P	08:12:49.907	-0.2	321.3	10.50	TAS	29.0	0.87	m_e	mb	4.7
TNS	20.95	P	08:12:35.067	1.0	321.3	10.50	TAS	53.1	0.90	m_e	mb	4.9
UBR	23.65	P	08:13:01.726		321.3	10.50	TAS	34.6	0.78	m_e	mb	5.0
WET	23.59	P	08:13:00.180		321.3	10.50	TAS	18.8	0.77	m_e	mb	4.7
WLF	20.51	P	08:12:28.197	-0.7	321.3	10.50	TAS	30.4	0.98	m_e	mb	4.6

Event 10227007 Southern Alaska, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/27	18:59:24.16			61.6790	-153.2040				33.0			24		63.51	70.05	m i ke	BGR
OrigID 10227013																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.4		BGR	10227013
Ms	4.5		BGR	10227013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	65.70		P	19:10:04.634	0.2	352.1		6.29		TAS		14.5	0.97	m_e	mb	5.2
BFO	69.22		P	19:10:26.605		352.1		6.29		TAS		12.6	1.03	m_e	mb	5.1
BRG	67.21		P	19:10:13.742	0.0	352.1		6.29		TAS		21.7	0.78	m_e	mb	5.4
BSEG	63.88		P	19:09:52.317	-0.3	352.1		6.29		TAS		23.2	0.80	m_e	mb	5.5
BUG	66.04		P	19:10:06.421	-0.5	352.1		6.29		TAS		21.9	0.81	m_e	mb	5.4
CLL	66.70		P	19:10:10.047	-0.3	352.1		6.29		TAS		18.6	0.79	m_e	mb	5.4
CLZ	65.95		P	19:10:05.803	-0.3	352.1		6.29		TAS		33.5	0.78	m_e	mb	5.6
FLT1	65.55		P	19:10:02.336	-0.1	352.1		6.29		TAS		14.6	0.80	m_e	mb	5.3
FUR	69.68		P	19:10:29.309		352.1		6.29		TAS		45.5	0.74	m_e	mb	5.7
GEC2	69.21		P	19:10:26.629		352.1		6.29		TAS		11.4	0.76	m_e	mb	5.2
GRA1	68.16		P	19:10:20.087	0.3	352.1		6.29		TAS		18.5	0.78	m_e	mb	5.4
GRA1	68.16		L	19:36:34.148						T__		249.4	18.60	a_e	Ms	4.5
GTTG	66.21		P	19:10:07.688	0.0	352.1		6.29		TAS		34.8	0.82	m_e	mb	5.6
IBBN	65.24		P	19:10:00.937	0.4	352.1		6.29		TAS		20.2	0.92	m_e	mb	5.3
KAST	66.40		P	19:10:08.239	0.1	352.1		6.29		TAS		10.8	0.94	m_e	mb	5.1
MOX	67.25		P	19:10:13.714	0.8	352.1		6.29		TAS		31.1	0.82	m_e	mb	5.6
MOX	67.25		L	19:38:06.870						T__		316.4	20.80	a_e	Ms	4.5
NEUB	66.72		P	19:10:10.685	0.2	352.1		6.29		TAS		30.4	0.78	m_e	mb	5.6
RGN	63.51		P	19:09:50.980	-0.5	352.1		6.29		TAS		56.1	0.81	m_e	mb	5.8
RUE	65.60		P	19:10:04.090	0.1	352.1		6.29		TAS		58.9	0.73	m_e	mb	5.9
STU	68.88		P	19:10:23.865	-0.5	352.1		6.29		TAS		29.6	1.02	m_e	mb	5.5
TANN	67.55		P	19:10:15.866	-0.3	352.1		6.29		TAS		14.1	0.89	m_e	mb	5.2
TNS	67.37		P	19:10:14.857	0.3	352.1		6.29		TAS		12.9	0.70	m_e	mb	5.3
UBR	70.05		P	19:10:31.074		352.1		6.29		TAS		20.5	0.81	m_e	mb	5.3
WET	68.84		P	19:10:23.871	0.0	352.1		6.29		TAS		19.5	1.02	m_e	mb	5.3

WLF 67.66 P 19:10:17.189 0.4 352.1 6.29 TAS 27.3 1.11 m_e mb 5.4

Event 10227008 Tonga Islands region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/27	20:14:24.73			-22.9750	-174.4860				33.0			11		148.79	151.89	m i ke	BGR
OrigID 10227014																	

Magnitude Err Nsta Author OrigID

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	150.54		PKPbc	20:34:13.592	-0.0	11.6		2.29		TAS					m_e
BRG	151.31		PKPbc	20:34:15.301		11.6		2.29		TAS					m_e
BSEG	148.79		PKPbc	20:34:09.486	0.1	11.6		2.29		TAS					m_e
CLL	151.04		PKPbc	20:34:14.548	-0.1	11.6		2.29		TAS					m_e
CLZ	150.85		PKPbc	20:34:14.531	-0.2	11.6		2.29		TAS					m_e
FLT1	150.28		PKPbc	20:34:12.852	-0.1	11.6		2.29		TAS					m_e
GTTG	151.18		PKPbc	20:34:14.927		11.6		2.29		TAS					m_e
IBBN	150.58		PKPbc	20:34:13.897	0.3	11.6		2.29		TAS					m_e
KAST	151.64		PKPbc	20:34:16.041		11.6		2.29		TAS					m_e
MOX	151.89		PKPbc	20:34:16.505		11.6		2.29		TAS					m_e
NEUB	151.33		PKPbc	20:34:15.601		11.6		2.29		TAS					m_e

Event 10228001 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/28	00:19:17.77			64.3110	-21.8280				10.0			18		19.23	24.47	m i ke	BGR
OrigID 10228007																	

Magnitude Err Nsta Author OrigID
mb 4.2 BGR 10228007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ASSE	20.70		P	00:23:58.650	1.2	322.3		10.36		TAS		13.8	1.11	m_e mb	4.2
BFO	22.78		P	00:24:22.109		322.3		10.36		TAS		14.3	1.08	m_e mb	4.4
BRG	22.99		P	00:24:21.561		322.3		10.36		TAS				m_e	
BSEG	19.23		P	00:23:43.041	-1.0	322.3		10.36		TAS		8.3	1.00	m_e mb	3.9
CLL	22.27		P	00:24:17.308	-0.2	322.3		10.36		TAS		4.6	0.86	m_e mb	3.9
CLZ	20.80		P	00:23:59.936	-0.6	322.3		10.36		TAS				m_e	
FLT1	20.78		P	00:23:59.632	2.2	322.3		10.36		TAS		11.4	1.06	m_e mb	4.1
GEC2	24.47		P	00:24:38.241		322.3		10.36		TAS		3.5	0.98	m_e mb	3.9
GRA1	22.80		P	00:24:20.205		322.3		10.36		TAS				m_e	
GTTG	20.86		P	00:24:01.378	-0.2	322.3		10.36		TAS				m_e	

IBBN	19.40	P	00:23:45.036	-0.7	322.3	10.36	TAS											m_e	
KAST	20.51	P	00:23:56.831	2.2	322.3	10.36	TAS					11.5	1.08	m_e	mb				4.1
MOX	22.21	P	00:24:16.349	-0.6	322.3	10.36	TAS												m_e
NEUB	21.86	P	00:24:13.431	-1.5	322.3	10.36	TAS					25.3	0.92	m_e	mb				4.6
STU	22.75	P	00:24:20.111		322.3	10.36	TAS					34.5	0.94	m_e	mb				4.9
TANN	22.74	P	00:24:19.774		322.3	10.36	TAS												m_e
UBR	23.99	P	00:24:32.516		322.3	10.36	TAS					12.6	0.96	m_e	mb				4.4
WET	23.90	P	00:24:31.123		322.3	10.36	TAS					7.6	0.94	m_e	mb				4.2

Event 10228003 Rat Islands, Aleutian Islands, United States

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/28	10:44:54.48			51.3230	179.7290				33.0				26	73.76	80.84	m i ke	BGR
OrigID 10228009																	

Magnitude	Err	Nsta	Author	OrigID
mb	5.3		BGR	10228009
Ms	4.8		BGR	10228009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude			
ASSE	76.38		P	10:56:39.278	0.3	7.3		5.51		TAS		45.8	1.28	a_e	mb	5.5		
BFO	80.32		P	10:57:00.728	-0.1	7.3		5.51		TAS		9.8	0.79	a_e	mb	4.8		
BRG	77.34		P	10:56:44.328	-0.1	7.3		5.51		TAS		14.1	0.80	a_e	mb	5.2		
BSEG	74.61		P	10:56:29.328	0.2	7.3		5.51		TAS		50.9	1.12	a_e	mb	5.5		
CLL	77.00		P	10:56:42.178	-0.1	7.3		5.51		TAS		12.7	0.71	a_e	mb	5.2		
CLZ	76.68		P	10:56:41.278	0.2	7.3		5.51		TAS		35.7	0.85	a_e	mb	5.5		
FLT1	76.13		P	10:56:37.328	-0.0	7.3		5.51		TAS		23.7	0.64	a_e	mb	5.5		
FUR	80.26		P	10:57:00.628		7.3		5.51		TAS		30.7	1.09	a_e	mb	5.2		
GEC2	79.36		P	10:56:55.828	-0.3	7.3		5.51		TAS		11.2	0.65	a_e	mb	5.0		
GOR1	75.47		P	10:56:34.528	-0.0	7.3		5.51		TAS		79.8	1.31	a_e	mb	5.7		
GRA1	78.75		P	10:56:52.828	0.1	7.3		5.51		TAS		30.6	0.85	a_e	mb	5.4		
GRA1	78.75		L	11:34:38.853						T__		619.8	20.00	a_e	Ms	4.9		
GTTG	77.01		P	10:56:42.978	-0.5	7.3		5.51		TAS		56.9	1.18	a_e	mb	5.6		
IBBN	76.39		P	10:56:39.428	-0.6	7.3		5.51		TAS		115.3	1.25	a_e	mb	5.9		
KAST	77.45		P	10:56:45.278	-0.2	7.3		5.51		TAS		24.2	1.24	m_e	mb	5.2		
MOX	77.77		P	10:56:46.928	0.1	7.3		5.51		TAS		16.3	0.96	a_e	mb	5.1		
MOX	77.77		L	11:33:59.485						T__		428.6	21.00	a_e	Ms	4.8		
NEUB	77.22		P	10:56:43.778	-0.1	7.3		5.51		TAS		42.0	0.96	m_e	mb	5.5		
PLN	77.89		P	10:56:47.478	-0.0	7.3		5.51		TAS		3.2	0.79	a_e	mb	4.5		
RETH	75.86		P	10:56:36.428	0.9	7.3		5.51		TAS		31.2	1.14	a_e	mb	5.3		
RGN	73.76		P	10:56:24.528	-0.3	7.3		5.51		TAS								a_e
RUE	75.77		P	10:56:36.828	0.1	7.3		5.51		TAS		32.7	1.06	a_e	mb	5.4		
STU	79.82		P	10:56:57.978	-0.1	7.3		5.51		TAS		62.7	1.08	a_e	mb	5.5		
TANN	77.93		P	10:56:47.978	0.2	7.3		5.51		TAS		14.2	1.04	a_e	mb	5.0		
TNS	78.42		P	10:56:50.528	0.4	7.3		5.51		TAS		19.5	0.73	a_e	mb	5.2		
UBR	80.84		P	10:57:03.828		7.3		5.51		TAS		29.4	1.36	a_e	mb	5.1		

WET	79.15	P	10:56:54.878	-0.3	7.3	5.51	TAS	22.0	1.40	a_e	mb	5.0
WLF	79.11	P	10:56:54.478	0.3	7.3	5.51	TAS	27.3	0.96	a_e	mb	5.2

Event 10228004 Kyushu, Japan

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/28	14:30:11.37		30.0280	131.5140				33.0				15		82.11	86.82	m i ke	BGR
OrigID 10228010																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.7		BGR	10228010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BFO	86.82		P	14:42:55.228		48.7		5.06		TAS		2.5	0.73	m_e	mb	4.4
BRG	82.41		P	14:42:32.953	0.8	48.7		5.06		TAS		1.9	0.73	m_e	mb	4.3
BSEG	82.11		P	14:42:31.693	0.2	48.7		5.06		TAS		4.7	0.82	m_e	mb	4.7
CLL	82.58		P	14:42:33.499	-0.4	48.7		5.06		TAS		7.0	0.91	m_e	mb	4.9
CLZ	83.47		P	14:42:38.893	0.5	48.7		5.06		TAS		6.5	0.84	m_e	mb	4.9
FLT1	82.75		P	14:42:33.924	1.1	48.7		5.06		TAS		4.8	0.78	m_e	mb	4.8
GEC2	83.82		P	14:42:40.040		48.7		5.06		TAS		1.5	0.79	m_e	mb	4.3
GRA1	84.50		P	14:42:40.389		48.7		5.06		TAS		6.5	0.77	m_e	mb	4.9
GTTG	83.86		P	14:42:37.146		48.7		5.06		TAS		4.7	0.70	m_e	mb	4.8
IBBN	84.34		P	14:42:40.945		48.7		5.06		TAS		7.0	0.70	m_e	mb	5.0
KAST	84.81		P	14:42:45.062		48.7		5.06		TAS		2.9	0.78	m_e	mb	4.6
MOX	83.68		P	14:42:38.875	0.5	48.7		5.06		TAS		2.4	0.96	m_e	mb	4.4
NEUB	83.25		P	14:42:37.450	-2.6	48.7		5.06		TAS		8.4	0.70	m_e	mb	5.1
TANN	83.42		P	14:42:37.128	-2.6	48.7		5.06		TAS		1.9	0.79	m_e	mb	4.4
TNS	85.46		P	14:42:50.106		48.7		5.06		TAS		4.6	0.68	m_e	mb	4.7

Event 10228005 Iceland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/28	19:01:38.19		65.7080	-21.4470				33.0				14		19.55	24.88	m i ke	BGR
OrigID 10228011																	

Magnitude	Err	Nsta	Author	OrigID
mb	4.3		BGR	10228011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	21.09		P	19:06:19.633	-0.7	325.7		9.97		TAS		10.2	1.08	m_e	mb	4.1
BFO	23.38		P	19:06:42.934		325.7		9.97		TAS		12.4	1.04	m_e	mb	4.4
BRG	23.33		P	19:06:43.984		325.7		9.97		TAS		9.4	1.00	m_e	mb	4.3
BSEG	19.55		P	19:06:04.674	1.4	325.7		9.97		TAS		7.0	0.87	m_e	mb	3.9

BUG	20.40	P	19:06:15.306	-1.6	325.7	9.97	TAS	9.5	0.83	m_e	mb	4.1
CLL	22.62	P	19:06:38.105	-1.2	325.7	9.97	TAS	28.2	1.37	m_e	mb	4.6
GEC2	24.88	P	19:06:59.842		325.7	9.97	TAS	2.0	0.93	m_e	mb	3.8
GTTG	21.29	P	19:06:22.566	-0.1	325.7	9.97	TAS	10.6	0.98	m_e	mb	4.1
MOX	22.63	P	19:06:37.126		325.7	9.97	TAS	9.8	0.97	m_e	mb	4.3
NEUB	22.25	P	19:06:30.683		325.7	9.97	TAS	23.9	0.90	m_e	mb	4.6
STU	23.31	P	19:06:42.026		325.7	9.97	TAS	38.3	0.96	m_e	mb	4.9
TANN	23.14	P	19:06:40.057		325.7	9.97	TAS	10.1	1.03	m_e	mb	4.3
TNS	21.83	P	19:06:29.120	1.1	325.7	9.97	TAS	17.3	0.95	m_e	mb	4.5
UBR	24.56	P	19:06:54.223		325.7	9.97	TAS	13.4	0.97	m_e	mb	4.6
WET	24.33	P	19:06:53.207		325.7	9.97	TAS	5.7	0.91	m_e	mb	4.1

Event 10228006 Southeast of Loyalty Islands

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author
2021/02/28	20:37:39.24			-22.6080	174.1320				33.0			18		146.34	151.88	m i ke	BGR
OrigID 10228012																	

Magnitude	Err	Nsta	Author	OrigID
Ms	5.4		BGR	10228012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ASSE	147.83		PKPbc	20:57:20.897	0.2	32.6		2.59		TAS				m_e		
BFO	151.88		PKPbc	20:57:30.815		32.6		2.59		TAS				m_e		
BRG	147.79		PKPbc	20:57:19.723	0.2	32.6		2.59		TAS				m_e		
BSEG	146.34		PKPbc	20:57:17.107	-0.4	32.6		2.59		TAS				m_e		
CLL	147.77		PKPbc	20:57:20.554	0.6	32.6		2.59		TAS				m_e		
CLZ	148.17		PKPbc	20:57:22.313	0.3	32.6		2.59		TAS				m_e		
FLT1	147.48		PKPbc	20:57:19.514	0.6	32.6		2.59		TAS				m_e		
GEC2	149.51		PKPbc	20:57:24.974		32.6		2.59		TAS				m_e		
GRA1	149.75		L	22:11:59.006						T__		686.9	21.00	a_e	Ms	5.4
GTTG	148.55		PKPbc	20:57:23.281	0.3	32.6		2.59		TAS				m_e		
IBBN	148.48		PKPbc	20:57:21.953	0.6	32.6		2.59		TAS				m_e		
KAST	149.30		PKPbc	20:57:25.065	-0.4	32.6		2.59		TAS				m_e		
MOX	148.80		PKPbc	20:57:23.442	-0.2	32.6		2.59		TAS				m_e		
MOX	148.80		L	22:03:20.596						T__		560.5	20.50	a_e	Ms	5.3
STU	151.22		PKPbc	20:57:29.474		32.6		2.59		TAS				m_e		
TANN	148.70		PKPbc	20:57:23.166	-0.0	32.6		2.59		TAS				m_e		
TNS	150.17		PKPbc	20:57:27.261		32.6		2.59		TAS				m_e		
UBR	151.84		PKPbc	20:57:30.867		32.6		2.59		TAS				m_e		
WET	149.59		PKPbc	20:57:25.924		32.6		2.59		TAS				m_e		
WLF	151.31		PKPbc	20:57:30.031		32.6		2.59		TAS				m_e		