

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 30402002 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/04/02	20:15:11.24	0.11	1.59	46.7622	14.3257	0.8	0.7	028	13.4	1.4	60	9	016			m i fe	ZAMG	30402012
2023/04/02	20:15:09.12	0.71	0.69	46.6160	14.3360	8.9	3.3	173	10.0f		19	16	235	0.82	4.41	m i ke	BGR	30402002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.8	0.3	27 ZAMG	30402012
ML	3.8	0.5	4 BGR	30402002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	0.82	304.7	Pg	20:15:25.706	1.0					T__				m_e	ML 3.4
KBA	0.82	304.7	Sg	20:15:34.882	-0.5					T__				m_e	
ARSA	1.03	51.5	Pg	20:15:29.632	1.0					T__				m_e	ML 3.3
ARSA	1.03	51.5	Sg	20:15:41.362	-0.6					T__				m_e	
MOA	1.23	357.8	Pg	20:15:32.493	0.0					T__				m_e	
LESA	1.39	306.2	Pg	20:15:35.914	0.5					T__				m_e	
RJOB	1.53	317.5	Pg	20:15:37.846	-0.2					T__				m_e	
KW1	1.91	322.6	Pg	20:15:46.005	0.8					T__				m_e	ML 4.3
KW1	1.91	322.6	Sg	20:16:09.936	0.0					T__				m_e	
WTTA	1.95	290.3	Pg	20:15:46.614	0.6					T__				m_e	
SQTA	2.22	286.9	Pg	20:15:50.673	-0.3					T__				m_e	
GEC2	2.27	349.4	Pg	20:15:50.782	-1.1					T__				m_e	
PART	2.36	293.0	Pg	20:15:53.083	-0.6					T__				m_e	
ZUGS	2.42	290.5	Pg	20:15:54.230	-0.6					T__				m_e	
FUR	2.59	307.9	Pg	20:15:58.753	0.9					T__				m_e	
RETA	2.59	291.0	Pg	20:15:56.841	-1.0					T__				m_e	
UBR	3.07	291.9	Sg	20:16:47.068	0.5					T__				m_e	ML 4.3
STU	4.08	303.8	Sg	20:17:19.264	0.6					T__				m_e	
BFO	4.41	295.1	Sg	20:17:29.126	0.0					T__				m_e	

Event 30407005 North Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/04/07	21:26:00.91	0.69	0.43	56.8779	1.4636				10.0f		42	39	345	5.74	8.45	m i ke	BNS	30407015
2023/04/07	21:26:00.37	5.98	0.57	57.2420	2.1030	86.7	16.7	140	10.0f		19	19	321	5.64	10.88	m i ke	BGR	30407005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.8		BNS	30407015
ML	3.9	0.0	2 BGR	30407005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
QBN	5.64	125.3	Pn	21:27:22.927	0.2					T__				m_e	ML 3.9
BSEG	5.69	122.0	Pn	21:27:23.592	0.1					T__				m_e	ML 3.9
IBBN	5.91	144.2	Pn	21:27:26.275	-0.1					T__				m_e	
LUEB	6.23	139.7	Pn	21:27:30.066	-0.7					T__				m_e	
OPTB	6.47	159.9	Pn	21:27:32.611	-1.3					---				m_e	
LAUG	6.53	152.4	Pn	21:27:33.895	-0.9					---				m_e	

BUG	6.53	150.4	Pn	21:27:34.654	-0.2	T__			m_e
HES	6.54	151.8	Pn	21:27:34.332	-0.6	___			m_e
BPFI	6.54	150.7	Pn	21:27:33.895	-1.1	___			m_e
VKB	6.73	159.8	Pn	21:27:34.985	-2.5	___			m_e
ENTS	6.75	150.5	Pn	21:27:36.756	-1.0	___			m_e
GOR1	6.76	125.1	Pn	21:27:38.095	0.2	T__			m_e
BEBN	6.78	160.5	Pn	21:27:36.153	-2.0	___			m_e
BEBN	6.78	160.5	Sn	21:28:49.507	0.2	___			m_e
TERZ	6.86	159.4	Pn	21:27:37.336	-1.9	___			m_e
ACN	6.87	158.5	Pn	21:27:37.579	-1.9	___			m_e
HOBG	6.96	151.8	Pn	21:27:40.447	-0.2	___			m_e
GSH	6.97	157.1	Pn	21:27:39.792	-1.0	___			m_e
DREG	7.01	158.1	Pn	21:27:39.355	-2.0	___			m_e
DREG	7.01	158.1	Sn	21:28:54.069	-0.7	___	34.4	0.37	m_e
MEM	7.02	159.3	Pn	21:27:39.483	-1.9	___			m_e
KLL	7.04	157.7	Pn	21:27:40.124	-1.6	___			m_e
KLL	7.04	157.7	Sn	21:28:55.415	-0.1	___	18.4	0.55	m_e
KAST	7.07	146.0	Pn	21:27:41.974	-0.2	T__			m_e
ASSE	7.11	132.3	Pn	21:27:41.744	-0.9	T__			m_e
MRG	7.12	159.2	Pn	21:27:40.447	-2.4	___			m_e
FLT1	7.19	129.2	Pn	21:27:42.745	-1.0	T__			m_e
CLZ	7.21	135.0	Pn	21:27:43.215	-0.8	T__			m_e
TDN	7.25	154.9	Pn	21:27:43.723	-0.8	___			m_e
HOU	7.26	159.9	Pn	21:27:42.657	-2.0	___			m_e
GTTG	7.30	138.0	Pn	21:27:44.853	-0.4	T__			m_e
AHRW	7.31	154.3	Pn	21:27:45.136	-0.2	T__			m_e
BIW	7.33	150.3	Pn	21:27:45.252	-0.3	___			m_e
GLOK	7.39	152.7	Pn	21:27:45.907	-0.6	___			m_e
MUEZ	7.39	158.9	Pn	21:27:44.596	-1.9	___			m_e
HILG	7.45	156.9	Pn	21:27:46.781	-0.5	___			m_e
LAGB	7.48	154.7	Pn	21:27:47.218	-0.5	___			m_e
BHE	7.51	154.4	Pn	21:27:47.873	-0.2	___			m_e
KLB	7.52	160.0	Pn	21:27:46.565	-1.7	___			m_e
KOE	7.58	151.7	Pn	21:27:48.528	-0.5	___			m_e
WILW	7.61	160.7	Pn	21:27:47.857	-1.5	___			m_e
WBFO	7.63	148.2	Pn	21:27:49.181	-0.5	___			m_e
BGG	7.68	154.1	Pn	21:27:50.057	-0.4	___			m_e
VIA	7.70	159.9	Pn	21:27:48.964	-1.7	___			m_e
GWBC	7.75	149.5	Pn	21:27:50.930	-0.4	___			m_e
NAST	7.82	151.8	Pn	21:27:51.585	-0.7	___			m_e
GWBD	7.91	151.9	Pn	21:27:52.896	-0.6	___			m_e
WLF	7.95	160.7	Pn	21:27:53.395	-0.6	T__			m_e
TNS	7.95	149.3	Pn	21:27:53.952	-0.1	T__			m_e
GWBE	7.98	150.7	Pn	21:27:53.948	-0.6	___			m_e
MILB	8.55	147.1	Pn	21:28:02.287	0.2	___			m_e
CLL	8.68	128.5	Pn	21:28:03.187	-0.8	T__			m_e
TANN	9.14	133.9	Pn	21:28:10.340	0.1	T__			m_e
BRG	9.40	127.6	Pn	21:28:12.644	-1.1	T__			m_e
UBR	10.72	149.7	Pn	21:28:30.387	-1.2	T__			m_e
GEC2	10.88	135.5	Pn	21:28:34.856	1.0	T__			m_e

Event 30408001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/04/08	13:39:18.57	0.58	0.35	50.7660	16.2239				3.0f		7	6	348	5.40	6.32	m i ki	BNS	30408021
2023/04/08	13:39:18.78	2.15	5.24	51.5048	16.0422	13.8	10.5	013	0.0	0.0	10	0	016			m i sr	ZAMG	30408011
2023/04/08	13:39:19.01	0.32	0.53	51.5830	16.0840	4.4	2.2	042	1.0f		46	37	149	0.75	3.62	m i ki	BGR	30408001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1		BNS	30408021
ML	3.0	0.2	19 ZAMG	30408011
ML	3.2	0.3	27 BGR	30408001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.75	169.9	Pg	13:39:33.755	0.6					T__				m_e ML	2.5
KSP	0.75	169.9	Sg	13:39:42.739	-0.1					T__				m_e	
DPC	1.24	173.0	Pg	13:39:42.459	0.0					T__				m_e ML	3.3
DPC	1.24	173.0	Sg	13:39:58.312	-0.2					T__				m_e	
BRG	1.52	242.9	Pn	13:39:45.978	-0.6					T__				m_e ML	3.0
BRG	1.52	242.9	Pg	13:39:47.015	-0.6					T__				m_e	
BRG	1.52	242.9	Sn	13:40:05.822	-0.2					T__				m_e	
RUE	1.68	303.1	Pn	13:39:47.981	-0.7					T__				m_e ML	3.1
RUE	1.68	303.1	Sg	13:40:12.755	0.5					T__				m_e	
A807	1.72	288.4	Pn	13:39:48.743	-0.6					T__				m_e ML	3.2
A807	1.72	288.4	Sg	13:40:14.007	0.2					T__				m_e	
CLL	1.94	263.0	Pn	13:39:51.606	-0.7					T__				m_e ML	3.0
CLL	1.94	263.0	Sg	13:40:20.002	-0.6					T__				m_e	
MORC	2.03	152.3	Pn	13:39:53.737	0.3					T__				m_e ML	3.5
MORC	2.03	152.3	Sg	13:40:23.066	-0.4					T__				m_e	
OKC	2.18	142.4	Pn	13:39:55.371	-0.1					T__				m_e ML	2.9
LNIZ	2.22	329.9	Pn	13:39:55.106	-1.0					T__				m_e ML	3.5
ABG1	2.28	255.7	Pn	13:39:56.615	-0.2					T__				m_e ML	3.8
ABG1	2.28	255.7	Sg	13:40:30.609	-0.8					T__				m_e	
MUHB	2.32	273.3	Pn	13:39:56.833	-0.6					T__				m_e ML	2.9
MODW	2.35	255.6	Pn	13:39:57.676	-0.2					T__				m_e ML	3.0
SCHF	2.48	250.0	Pn	13:39:59.618	0.0					T__				m_e ML	3.2
HKWD	2.51	254.0	Pn	13:39:59.256	-0.7					T__				m_e ML	3.0
TANN	2.56	244.3	Pn	13:40:01.018	0.3					T__				m_e ML	3.3
MULD	2.59	244.6	Pn	13:40:01.407	0.3					T__				m_e ML	3.3
MLFH	2.63	254.0	Pn	13:40:01.595	-0.0					T__				m_e ML	3.1
WERD	2.63	245.9	Pn	13:40:01.797	0.1					T__				m_e ML	3.0
GUNZ	2.66	244.2	Pn	13:40:02.202	0.2					T__				m_e ML	3.2
NKC	2.66	240.9	Pn	13:40:02.435	0.4					T__				m_e ML	3.5
WERN	2.67	242.4	Pn	13:40:02.544	0.4					T__				m_e ML	3.3
PLN	2.70	247.6	Pn	13:40:02.789	0.2					T__				m_e ML	2.8
OJC	2.71	118.8	Pn	13:40:01.455	-1.2					T__				m_e ML	3.3
ROHR	2.73	241.9	Pn	13:40:03.369	0.4					T__				m_e ML	3.7
TRIB	2.77	245.2	Pn	13:40:03.773	0.2					T__				m_e ML	3.3
TAUT	2.80	259.3	Pn	13:40:03.913	-0.0					T__				m_e ML	3.7
WIMM	2.85	270.5	Pn	13:40:04.619	0.0					T__				m_e ML	3.1
MANZ	2.98	239.1	Pn	13:40:06.666	0.3					T__				m_e	
ROTZ	3.05	235.0	Pn	13:40:07.739	0.4					T__				m_e	
HWTS	3.06	252.9	Pn	13:40:07.257	-0.2					T__				m_e	
GEC2	3.13	210.0	Pn	13:40:08.974	0.5					T__				m_e	
GOR3	3.19	298.9	Pn	13:40:09.269	0.1					T__				m_e	

CHRS	3.27	272.5	Pn	13:40:10.965	0.7	T__	m_e
ASSE	3.38	281.4	Pn	13:40:12.272	0.4	T__	m_e
CLZ	3.55	276.4	Pn	13:40:15.198	1.1	T__	m_e
BBWF	3.60	258.6	Pn	13:40:14.856	0.1	T__	m_e
GRA1	3.62	240.4	Pn	13:40:15.633	0.6	T__	m_e
KOE	5.38	260.8	Pn	13:40:39.487	0.6	---	m_e
KOE	5.38	260.8	Sn	13:41:40.527	3.7	---	11.2 0.84 m_e
BGG	5.68	259.4	Pn	13:40:42.406	-0.6	---	m_e
BGG	5.68	259.4	Sn	13:41:46.471	2.5	---	6.0 0.92 m_e
LAUG	5.70	271.2	Pn	13:40:44.915	1.7	---	m_e
HILG	6.06	261.4	Pn	13:40:49.834	1.7	---	m_e
KLL	6.20	265.1	Pn	13:40:51.246	1.2	---	m_e
DREG	6.25	265.4	Pn	13:40:51.572	0.9	---	m_e

Event 30410002 Laufen, NW of Salzburg/A, German-Austrian border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/04/10	01:45:06.07	0.14	1.10	47.9552	12.7913	1.3	0.9	152	14.9	0.0	43	17	016			m i uk	ZAMG	30410012
2023/04/10	01:45:07.01	0.22	0.35	47.9550	12.8290	2.2	1.1	104	10.0f		28	15	063	0.22	2.03	m i ke	BGR	30410002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	19 ZAMG	30410012
ML	1.6	0.3	12 BGR	30410002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RJOB	0.22	185.9	Pg	01:45:12.059	0.6					T__				m_e	
RJOB	0.22	185.9	Sg	01:45:15.467	0.9					T__				m_e	
KW1	0.23	317.2	Pg	01:45:12.354	0.7					T__				m_e	
KW1	0.23	317.2	Sg	01:45:14.985	0.2					T__				m_e	
LESA	0.54	191.0	Pg	01:45:17.091	-0.2					T__				m_e ML	1.0
LESA	0.54	191.0	Sg	01:45:23.911	-0.5					T__				m_e	
KBA	0.94	158.1	Pg	01:45:24.478	-0.4					T__				m_e ML	1.2
KBA	0.94	158.1	Sg	01:45:36.785	-0.3					T__				m_e	
MOA	0.97	95.7	Pg	01:45:25.756	0.4					T__				m_e ML	1.4
FUR	1.06	281.9	Pg	01:45:27.038	-0.0					T__				m_e ML	1.9
FUR	1.06	281.9	Sg	01:45:40.720	-0.1					T__				m_e	
WTTA	1.06	229.8	Pg	01:45:26.931	-0.1					T__				m_e ML	1.5
WTTA	1.06	229.8	Sg	01:45:40.387	-0.4					T__				m_e	
GEC2	1.06	32.7	Pg	01:45:27.109	0.0					T__				m_e ML	1.9
GEC2	1.06	32.7	Sg	01:45:40.645	-0.2					T__				m_e	
BE1	1.08	268.2	Pg	01:45:27.117	-0.3					T__				m_e ML	1.6
BE1	1.08	268.2	Sg	01:45:41.591	0.2					T__				m_e	
WET	1.19	1.6	Pn	01:45:28.703	-0.3					T__				m_e ML	1.8
WET	1.19	1.6	Sn	01:45:44.160	-0.4					T__				m_e	
MOTA	1.31	242.9	Pn	01:45:30.899	0.2					T__				m_e ML	1.5
MOTA	1.31	242.9	Sg	01:45:48.905	0.1					T__				m_e	
SQTA	1.32	236.7	Pn	01:45:31.068	0.3					T__				m_e ML	1.4
SQTA	1.32	236.7	Sn	01:45:47.715	0.1					T__				m_e	
SQTA	1.32	236.7	Sg	01:45:49.126	0.2					T__				m_e	
ZUGS	1.36	247.3	Sg	01:45:50.062	-0.2					T__				m_e ML	1.7
OBKA	1.86	140.4	Pg	01:45:41.888	-0.2					T__				m_e	

GRA1	2.03	329.3	Pn	01:45:40.763	0.3					T__						m_e	ML	2.2
GRA1	2.03	329.3	Pg	01:45:45.140	-0.2					T__						m_e		

Event 30410003 Innsbruck, Hall/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/04/10	04:15:50.17	0.12	1.14	47.4109	11.6495	1.1	0.5	166	6.0	1.2	47	13	016			m i fe	ZAMG	30410013
2023/04/10	04:15:50.30	0.28	0.63	47.3770	11.6660	3.3	2.2	007	10.0f		26	16	092	0.11	1.97	m i ke	BGR	30410003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.3	25 ZAMG	30410013
ML	2.1	0.3	15 BGR	30410003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.11	190.1	Pg	04:15:53.635	0.6					T__				m_e	
WTTA	0.11	190.1	Sg	04:15:55.234	0.3					T__				m_e	
SQTA	0.35	243.4	Pg	04:15:56.789	-0.3					T__				m_e	ML 1.9
SQTA	0.35	243.4	Sg	04:16:02.231	0.5					T__				m_e	
MOTA	0.38	265.4	Pg	04:15:57.256	-0.4					T__				m_e	ML 1.9
MOTA	0.38	265.4	Sg	04:16:02.210	-0.6					T__				m_e	
PART	0.39	287.9	Pg	04:15:57.282	-0.6					T__				m_e	ML 1.9
PART	0.39	287.9	Sg	04:16:02.144	-0.9					T__				m_e	
ZUGS	0.47	275.0	Pg	04:15:58.828	-0.4					T__				m_e	ML 2.0
BE1	0.61	330.9	Pg	04:16:01.869	-0.1					T__				m_e	ML 2.2
BE1	0.61	330.9	Sg	04:16:10.225	0.3					T__				m_e	
RETA	0.62	280.5	Pg	04:16:01.959	-0.2					T__				m_e	ML 1.6
RETA	0.62	280.5	Sg	04:16:10.976	0.7					T__				m_e	
LESA	0.69	85.7	Pg	04:16:03.325	-0.0					T__				m_e	ML 1.5
FETA	0.73	241.1	Pg	04:16:03.779	-0.4					T__				m_e	ML 1.4
FUR	0.83	341.7	Pg	04:16:05.855	-0.2					T__				m_e	ML 2.5
FUR	0.83	341.7	Sg	04:16:17.200	0.4					T__				m_e	
UBR	1.09	286.7	Pg	04:16:11.517	0.5					T__				m_e	ML 2.4
UBR	1.09	286.7	Sg	04:16:26.323	1.1					T__				m_e	
KBA	1.18	104.1	Pg	04:16:13.122	0.6					T__				m_e	ML 2.1
DAVA	1.21	266.4	Pg	04:16:14.713	1.5					T__				m_e	ML 2.6
DAVA	1.21	266.4	Sg	04:16:30.231	1.3					T__				m_e	
WALHA	1.76	283.3	Pg	04:16:22.845	-0.6					T__				m_e	ML 2.4
WALHA	1.76	283.3	Sg	04:16:45.634	-0.5					T__				m_e	
MOA	1.82	74.0	Pg	04:16:24.381	-0.2					T__				m_e	ML 2.0
EMING	1.97	286.3	Sg	04:16:52.388	-0.5					T__				m_e	ML 2.5

Event 30412005 Aachen, Dutch-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/04/12	16:13:31.00	0.59	0.41	50.7690	6.2550				4.3		36	28	118			m i ke	GDNRW	30412025
2023/04/12	16:13:30.71	0.23	0.35	50.8010	6.2620	2.2	1.1	138	10.0f		23	14	125	0.21	2.01	m i ke	BGR	30412015
2023/04/12	16:13:31.07	0.79	0.29	50.7745	6.2640				2.3	2.0	69	41	041	0.03	1.22	m i ke	BNS	30412005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.6		GDNRW	30412025
ML	2.0	0.3	12 BGR	30412015
ML	1.6		BNS	30412005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BA02	0.03	265.8	Pg	16:13:31.803	0.0					T__					mci
BA02	0.03	265.8	Sg	16:13:32.601	0.4					T__		2975.3	0.19	m_e	
BA30	0.07	7.5	Pg	16:13:32.304	-0.1					T__					mci
BA30	0.07	7.5	Sg	16:13:33.725	0.4					T__					m_e
GSH	0.08	117.9	Pg	16:13:32.797	0.1					T__					mde
GSH	0.08	117.9	Sg	16:13:34.364	0.6					T__					m_e
ACN	0.11	270.3	Pg	16:13:33.398	0.2					T__					m_e
ACN	0.11	270.3	Sg	16:13:35.090	0.3					___		123.8	0.11	m_e	
DREG	0.11	190.8	Pg	16:13:33.537	0.3					T__					mci
DREG	0.11	190.8	Sg	16:13:35.414	0.6					T__		264.6	0.23	m_e	
BA01	0.13	272.0	Pg	16:13:33.601	0.1					T__					m_e
KLL	0.13	166.9	Pg	16:13:33.825	0.2					T__					mci
KLL	0.13	166.9	Sg	16:13:36.038	0.7					T__		250.2	0.17	m_e	
BA12	0.14	339.9	Sg	16:13:36.412	0.7					T__					m_e
ROLD	0.15	309.9	Pg	16:13:34.590	0.7					T__					m_e
ROLD	0.15	309.9	Sg	16:13:36.740	0.9					T__					m_e
BA11	0.15	92.8	Pg	16:13:34.213	0.3					T__					mce
BA11	0.15	92.8	Sg	16:13:36.905	1.0					T__					m_e
JUE	0.16	34.0	Pg	16:13:34.451	0.3					T__					m_e
JUE	0.16	34.0	Sg	16:13:37.999	1.7					T__					m_e
MAME	0.19	278.1	Pg	16:13:34.618	0.0					T__					m_e
MAME	0.19	278.1	Sg	16:13:37.792	0.8					T__					m_e
HGN	0.21	267.3	Pg	16:13:35.200	0.1					T__					mci
HGN	0.21	267.3	Sg	16:13:38.464	0.7					T__					m_e
BA14	0.22	118.1	Sg	16:13:38.794	0.8					T__					m_e
TERZ	0.23	265.7	Pg	16:13:35.486	0.1					T__					mce
TERZ	0.23	265.7	Sg	16:13:38.772	0.5					T__					m_e
MEM	0.23	224.3	Pg	16:13:35.540	0.1					T__					mce
MEM	0.23	224.3	Sg	16:13:39.161	0.7					T__					m_e
MRG	0.29	204.6	Pg	16:13:36.900	0.4					T__					mci
MRG	0.29	204.6	Sg	16:13:41.130	0.8					T__					m_e
OLFT	0.30	160.5	Pg	16:13:36.847	0.2					T__					m_e
OLFT	0.30	160.5	Sg	16:13:41.149	0.6					T__					m_e
VKB	0.32	287.2	Pg	16:13:37.243	0.2					T__					m_e
VKB	0.32	287.2	Sg	16:13:41.703	0.6					T__					m_e
PLH	0.42	56.6	Pg	16:13:39.119	0.1					T__					m_e
PLH	0.42	56.6	Sg	16:13:45.117	0.7					T__					m_e
HOU	0.45	201.5	Pg	16:13:39.910	0.3					T__					mce
HOU	0.45	201.5	Sg	16:13:46.117	0.7					T__					m_e
TDN	0.48	114.6	Pg	16:13:40.510	0.5					___					m_e
TDN	0.48	114.6	Sg	16:13:46.430	0.2					___		15.9	0.23	m_e	
MUEZ	0.51	181.0	Pg	16:13:40.850	0.1					T__					m_e
MUEZ	0.51	181.0	Sg	16:13:48.244	0.9					T__					m_e
HILG	0.55	151.2	Pg	16:13:41.828	0.4					T__					m_e
HILG	0.55	151.2	Sg	16:13:48.971	0.4					T__		17.2	0.39	m_e	
AHRW	0.57	114.1	Pg	16:13:41.208	-0.5					T__					m_e ML
AHRW	0.57	114.1	Sg	16:13:49.112	0.1					___					m_e
BNS	0.61	71.5	Pg	16:13:42.811	0.3					T__					m_e

1.5

BNS	0.61	71.5	Sg	16:13:51.167	0.9	T__	37.3	0.22	m_e		
WBS	0.65	86.8	Pg	16:13:43.540	0.3	---			m_e		
WBS	0.65	86.8	Sg	16:13:52.770	1.2	---	31.1	0.49	m_e		
LAGB	0.67	127.6	Pg	16:13:44.443	0.7	T__			m_e		
LAGB	0.67	127.6	Sg	16:13:53.604	1.1	T__			m_e		
KLB	0.68	188.4	Pg	16:13:44.314	0.4	T__			m_e		
KLB	0.68	188.4	Sg	16:13:52.578	-0.2	T__			m_e		
HOBG	0.71	72.4	Pg	16:13:44.451	0.1	T__			m_e		
HOBG	0.71	72.4	Sg	16:13:54.573	1.1	T__	36.3	0.29	m_e		
PROB	0.71	117.0	Pg	16:13:45.400	1.0	---			m_e		
PROB	0.71	117.0	Sg	16:13:55.150	1.5	---			m_e		
LAUG	0.72	36.2	Sg	16:13:54.616	0.8	T__	20.6	0.09	m_e		
BHE	0.72	125.6	Pg	16:13:45.690	1.1	---			m_e		
BHE	0.72	125.6	Sg	16:13:54.800	0.9	---	40.2	0.40	m_e		
HES	0.77	39.2	Pg	16:13:46.580	1.0	---			m_e		
HES	0.77	39.2	Sg	16:13:56.000	0.5	---	33.2	0.12	m_e		
GLOK	0.78	106.8	Pg	16:13:46.072	0.4	T__			m_e		
GLOK	0.78	106.8	Sg	16:13:56.788	1.1	T__			m_e		
VIA	0.84	182.6	Pg	16:13:47.250	0.4	T__			m_e		
PYRM	0.84	129.1	Pg	16:13:48.150	1.2	---			m_e		
PYRM	0.84	129.1	Sg	16:13:58.470	0.6	---			m_e		
ENTS	0.86	56.7	Pg	16:13:47.279	0.0	T__			m_e		
ENTS	0.86	56.7	Sg	16:13:59.322	0.9	T__			m_e		
BPFI	0.88	42.8	Pg	16:13:48.200	0.5	---			m_e		
BPFI	0.88	42.8	Sg	16:13:59.770	0.6	---			m_e		
BGG	0.89	129.4	Pg	16:13:48.249	0.4	T__			m_e		
BGG	0.89	129.4	Sg	16:14:00.579	1.3	T__	19.0	0.10	m_e		
RCHB	0.90	227.2	Pg	16:13:48.487	0.4	---			m_e	ML	1.8
RCHB	0.90	227.2	Sg	16:13:59.710	-0.1	---			m_e		
BUG	0.92	43.1	Pg	16:13:48.640	0.3	---			m_e	ML	1.7
BUG	0.92	43.1	Sg	16:13:58.882	-1.3	---			m_e		
BULI	0.92	42.2	Pg	16:13:48.460	-0.0	---			m_e		
BULI	0.92	42.2	Sg	16:14:01.960	1.5	---			m_e		
ZERL	0.93	23.9	Sg	16:13:59.492	-1.0	---			m_e	ML	2.4
KOE	1.00	110.1	Pg	16:13:51.000	1.2	---			m_e		
KOE	1.00	110.1	Sg	16:14:04.400	1.7	---			m_e		
BIW	1.00	91.9	Sg	16:14:02.910	0.2	---			m_e		
WLF	1.11	183.7	Pg	16:13:52.542	0.5	---			m_e	ML	2.0
WLF	1.11	183.7	Sg	16:14:07.224	0.8	---			m_e		
RIVT	1.11	163.1	Pg	16:13:52.508	0.5	---			m_e	ML	1.9
RIVT	1.11	163.1	Sg	16:14:07.302	0.9	---			m_e		
ABH	1.21	137.0	Pg	16:13:53.856	-0.1	---			m_e	ML	1.9
ABH	1.21	137.0	Sg	16:14:09.567	-0.0	---			m_e		
SORT	1.22	61.1	Sg	16:14:10.780	1.0	---	13.2	0.16	m_e		
KAST	1.42	71.6	Pg	16:13:57.133	-0.7	---			m_e	ML	1.9
KAST	1.42	71.6	Sg	16:14:15.861	-0.3	---			m_e		
TNS	1.49	110.8	Pg	16:13:59.095	-0.1	---			m_e	ML	2.0
TNS	1.49	110.8	Sg	16:14:18.356	-0.2	---			m_e		
IBBN	1.79	30.7	Sg	16:14:27.303	-0.7	---			m_e	ML	2.3
IBBE	1.80	31.4	Sg	16:14:28.059	-0.1	---			m_e	ML	2.2
LEMB	1.99	150.5	Sg	16:14:35.396	1.1	---			m_e	ML	2.3

Event 30415003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/04/15	15:18:06.40	0.75	2.02	51.4551	16.2864	7.3	5.6	060	0.0	0.0	20	6	026			m i sr	ZAMG	30415013
2023/04/15	15:18:06.26	0.40	0.75	51.5040	16.1500	4.4	2.2	019	1.0f		32	15	200	0.67	3.61	m i ki	BGR	30415003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.1	8 ZAMG	30415013
ML	3.0	0.3	15 BGR	30415003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.67	172.2	Pg	15:18:19.252	0.4					T__				m_e	ML 2.0
KSP	0.67	172.2	Sg	15:18:28.663	1.2					T__				m_e	
DPC	1.16	174.6	Pg	15:18:27.976	-0.1					T__				m_e	ML 3.1
DPC	1.16	174.6	Sg	15:18:44.163	1.1					T__				m_e	
BRG	1.52	246.4	Pg	15:18:34.168	-0.7					T__				m_e	ML 2.9
BRG	1.52	246.4	Sg	15:18:54.575	0.0					T__				m_e	
MORC	1.94	152.4	Pn	15:18:38.996	-0.5					T__				m_e	ML 3.1
MORC	1.94	152.4	Sg	15:19:06.816	-1.1					T__				m_e	
CLL	1.97	265.5	Pn	15:18:38.751	-1.2					T__				m_e	ML 2.8
CLL	1.97	265.5	Pg	15:18:42.836	-0.6					T__				m_e	
CLL	1.97	265.5	Sg	15:19:09.427	0.5					T__				m_e	
OKC	2.09	142.0	Pg	15:18:45.120	-0.6					T__				m_e	ML 2.7
OKC	2.09	142.0	Sg	15:19:11.672	-1.1					T__				m_e	
TANN	2.57	246.3	Pn	15:18:48.043	0.0					T__				m_e	ML 3.1
TANN	2.57	246.3	Pg	15:18:53.844	-0.8					T__				m_e	
TANN	2.57	246.3	Sg	15:19:28.279	0.5					T__				m_e	
OJC	2.64	117.7	Sg	15:19:30.707	0.7					T__				m_e	ML 3.1
WERD	2.64	247.9	Pn	15:18:48.799	-0.2					T__				m_e	ML 3.0
WERD	2.64	247.9	Pg	15:18:55.899	-0.1					T__				m_e	
WERD	2.64	247.9	Sg	15:19:30.381	0.2					T__				m_e	
MANZ	2.97	240.9	Pn	15:18:54.516	1.0					T__				m_e	ML 3.2
MANZ	2.97	240.9	Sg	15:19:40.106	-0.6					T__				m_e	
ROTZ	3.04	236.8	Pn	15:18:54.865	0.4					T__				m_e	ML 2.9
ROTZ	3.04	236.8	Sg	15:19:42.430	-0.5					T__				m_e	
GEC2	3.09	211.5	Pn	15:18:56.520	1.5					T__				m_e	ML 3.1
GEC2	3.09	211.5	Sg	15:19:43.712	-0.6					T__				m_e	
WET	3.15	222.8	Pn	15:18:56.514	0.6					T__				m_e	ML 3.0
WET	3.15	222.8	Sg	15:19:47.174	0.8					T__				m_e	
CLZ	3.60	277.6	Pn	15:19:02.475	0.5					T__				m_e	ML 3.1
CLZ	3.60	277.6	Sg	15:20:01.405	0.8					T__				m_e	
GRA1	3.61	241.8	Pn	15:19:02.738	0.5					T__				m_e	ML 3.7
GRA1	3.61	241.8	Sg	15:20:01.479	0.4					T__				m_e	

Event 30416001 Kaldenkirchen, Venlo/NL, Dutch-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/04/16	21:26:56.00	0.50	0.41	51.2410	6.1210				20.5	2.5	42	44	203			m i ke	GDNRW	30416021
2023/04/16	21:26:55.98	0.22		51.2240	6.1710	3.3	2.2	118	13.8	3.0	23	13	078	0.43	1.90	m i ke	BGR	30416011
2023/04/16	21:26:56.75	0.60	0.26	51.2322	6.1677				12.9	1.7	93	68	078	0.04	1.49	m i ke	BNS	30416001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		GDNRW	30416021
ML	2.8	0.4	5 BGR	30416011
ML	2.7		BNS	30416001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HRKB	0.04	179.7	Pg	21:26:59.615	0.5					___				m_e	
RODG	0.09	174.8	Pg	21:26:59.916	0.4					T__				mdi	
RODG	0.09	174.8	Sg	21:27:01.739	0.4					T__		3925.7	0.42	m_e	
RWB	0.13	183.5	Pg	21:27:00.341	0.3					___				m_e	
RWB	0.13	183.5	Sg	21:27:03.370	1.1					___		1469.3	0.24	m_e	
BA13	0.17	199.8	Pg	21:27:01.243	0.6					___				mci	
BD14	0.21	136.9	Pg	21:27:01.709	0.5					___				mde	
BD09	0.23	126.0	Pg	21:27:02.040	0.4					___				m_e	
JCK	0.26	140.0	Pg	21:27:02.350	0.3					___				m_e	
BA12	0.32	178.0	Pg	21:27:03.454	0.2					T__				mci	
BA12	0.32	178.0	Sg	21:27:07.766	0.1					T__		756.4	0.20	m_e	
OPTB	0.35	250.3	Pg	21:27:03.609	-0.2					T__				m_e	
OPTB	0.35	250.3	Sg	21:27:08.747	0.1					T__				m_e	
JUE	0.36	154.6	Pg	21:27:04.194	0.4					T__				m_e	
JUE	0.36	154.6	Sg	21:27:09.369	0.7					T__		335.3	0.17	m_e	
OPLO	0.42	328.3	Pg	21:27:04.557	-0.4					T__				m_e	ML 3.2
OPLO	0.42	328.3	Sg	21:27:10.806	0.2					T__				m_e	
BD07	0.43	132.1	Pg	21:27:05.874	0.7					___				mce	
VKB	0.44	213.5	Pg	21:27:04.855	-0.4					T__				mce	
VKB	0.44	213.5	Sg	21:27:10.813	-0.3					T__				m_e	
BA01	0.46	188.4	Pg	21:27:05.387	-0.3					T__				m_e	
BA01	0.46	188.4	Sg	21:27:12.013	0.2					T__		1403.2	0.32	m_e	
XAN	0.46	20.2	Pg	21:27:05.400	-0.3					T__				m_e	
XAN	0.46	20.2	Sg	21:27:12.080	0.3					T__				m_e	
ACN	0.46	186.6	Pg	21:27:05.321	-0.4					T__				m_e	
ACN	0.46	186.6	Sg	21:27:11.813	-0.0					T__				m_e	
BA02	0.46	176.2	Pg	21:27:05.496	-0.2					T__				mce	
BA02	0.46	176.2	Sg	21:27:12.100	0.2					T__		577.0	0.21	m_e	
PLH	0.47	118.9	Pg	21:27:05.917	0.1					___				m_e	
PLH	0.47	118.9	Sg	21:27:12.142	0.1					___				m_e	
HGN	0.49	197.7	Pg	21:27:05.783	-0.5					T__				mce	ML 3.0
HGN	0.49	197.7	Sg	21:27:12.569	-0.2					T__				m_e	
LAUG	0.50	75.9	Pg	21:27:05.931	-0.5					T__				mce	
LAUG	0.50	75.9	Sg	21:27:12.647	-0.3					T__		322.0	0.17	m_e	
TERZ	0.50	199.2	Pg	21:27:06.001	-0.5					T__				mci	
TERZ	0.50	199.2	Sg	21:27:12.836	-0.3					T__				m_i	
BA11	0.51	155.6	Pg	21:27:06.954	0.3					T__				mce	
BA11	0.51	155.6	Sg	21:27:13.387	0.0					T__		641.4	0.34	m_e	
GSH	0.51	164.9	Pg	21:27:06.681	-0.0					T__				m_e	
GSH	0.51	164.9	Sg	21:27:13.660	0.2					T__				m_e	
BEBN	0.53	215.5	Pg	21:27:06.464	-0.6					T__				mce	
ZER1	0.55	48.3	Pg	21:27:07.040	-0.3					___				m_e	
ZER1	0.55	48.3	Sg	21:27:15.250	0.7					___				m_e	
HES	0.56	75.8	Pg	21:27:07.107	-0.5					T__				m_e	
HES	0.56	75.8	Sg	21:27:14.565	-0.5					T__				m_e	
ZER3	0.57	47.4	Pg	21:27:07.320	-0.3					___				m_e	
DREG	0.57	176.0	Pg	21:27:07.443	-0.3					T__				mce	
DREG	0.57	176.0	Sg	21:27:15.328	0.0					T__		1323.1	0.14	m_e	

ZERL	0.59	48.1	Pg	21:27:07.640	-0.4	---				m_e	
ZERL	0.59	48.1	Sg	21:27:16.300	0.6	---				m_e	
KLL	0.59	171.2	Pg	21:27:07.889	-0.2	T__				mce	
KLL	0.59	171.2	Sg	21:27:16.019	0.1	T__	458.4	0.23		m_e	
BA04	0.61	139.8	Pg	21:27:09.274	0.8	---				m_e	
BA14	0.61	155.7	Pg	21:27:08.769	0.2	---				m_e	
BA14	0.61	155.7	Sg	21:27:16.216	-0.4	---	335.1	0.31		m_e	
BA08	0.63	114.9	Pg	21:27:08.507	-0.3	T__				m_e	
BA08	0.63	114.9	Sg	21:27:16.981	-0.1	---	786.3	0.42		m_e	
MEM	0.63	189.1	Pg	21:27:08.291	-0.6	T__				mce	ML 2.1
MEM	0.63	189.1	Sg	21:27:16.778	-0.4	T__				m_e	
BNS	0.69	112.7	Pg	21:27:09.996	0.1	T__				mde	
BNS	0.69	112.7	Sg	21:27:18.985	0.1	T__	300.8	0.52		m_e	
BPFI	0.69	73.9	Pg	21:27:09.423	-0.5	T__				mce	
BPFI	0.69	73.9	Sg	21:27:18.449	-0.5	T__				m_i	
BULI	0.72	71.5	Pg	21:27:09.940	-0.5	---				m_e	
BULI	0.72	71.5	Sg	21:27:19.690	-0.2	---				m_e	
BUG	0.72	72.7	Pg	21:27:09.912	-0.6	T__				mce	
BUG	0.72	72.7	Sg	21:27:19.612	-0.3	T__	329.1	0.24		m_e	
MRG	0.72	184.7	Pg	21:27:10.091	-0.5	T__				mce	
MRG	0.72	184.7	Sg	21:27:19.683	-0.4	T__				m_e	
BTEZ	0.73	72.2	Pg	21:27:10.130	-0.5	---				m_e	
OLFT	0.76	167.7	Pg	21:27:10.661	-0.5	T__				m_e	
OLFT	0.76	167.7	Sg	21:27:20.701	-0.3	T__				m_e	
BAVS	0.76	51.8	Pg	21:27:10.780	-0.5	---				m_e	
BAVS	0.76	51.8	Sg	21:27:21.570	0.3	---				m_e	
HOBG	0.77	108.4	Pg	21:27:11.329	-0.2	T__				m_e	
HOBG	0.77	108.4	Sg	21:27:21.535	-0.0	T__	401.1	0.35		m_e	
ENTS	0.78	88.8	Pg	21:27:11.132	-0.4	T__				m_e	
ENTS	0.78	88.8	Sg	21:27:20.910	-0.8	---				m_e	
BAVN	0.78	49.2	Pg	21:27:11.130	-0.5	---				m_e	
BAVN	0.78	49.2	Sg	21:27:22.400	0.6	---				m_e	
BA10	0.81	139.6	Pg	21:27:12.225	0.1	T__				m_e	
BA10	0.81	139.6	Sg	21:27:22.927	0.2	T__				m_e	
TDN	0.82	143.0	Pg	21:27:12.058	-0.3	T__				mce	
TDN	0.82	143.0	Sg	21:27:23.150	0.1	T__				m_e	
WBS	0.82	120.8	Pg	21:27:12.086	-0.3	T__				m_e	
WBS	0.82	120.8	Sg	21:27:23.369	0.3	T__				m_e	
WTSB	0.83	27.9	Pg	21:27:11.804	-0.8	---				m_e	ML 3.0
WTSB	0.83	27.9	Sg	21:27:22.963	-0.5	---				m_e	
HOU	0.88	186.7	Pg	21:27:12.865	-0.7	T__				m_e	
HOU	0.88	186.7	Sg	21:27:24.928	-0.2	T__				m_e	
AHRW	0.90	140.0	Pg	21:27:13.197	-0.6	T__				mde	ML 2.5
AHRW	0.90	140.0	Sg	21:27:25.311	-0.2	T__	589.2	0.27		m_e	
MUEZ	0.97	176.9	Pg	21:27:14.404	-0.8	T__				m_e	
MUEZ	0.97	176.9	Sg	21:27:27.536	-0.3	T__				m_e	
HILG	0.99	160.8	Pg	21:27:14.999	-0.6	T__				m_e	
HILG	0.99	160.8	Sg	21:27:27.970	-0.6	T__	152.8	0.25		m_e	
PROB	1.04	138.3	Pg	21:27:15.260	-1.3	---				m_e	
PROB	1.04	138.3	Sg	21:27:29.240	-0.8	---				m_e	
LAGB	1.05	145.5	Pg	21:27:15.420	-1.3	T__				m_e	
GLOK	1.05	130.2	Pg	21:27:15.368	-1.4	T__				m_e	
GLOK	1.05	130.2	Sg	21:27:29.170	-1.3	---				m_e	
HMES	1.06	65.7	Pg	21:27:16.024	-0.8	T__				m_e	

KOGO	0.01	81.1	Pg	01:23:53.580	0.0	T__	md_ ML	3.2
KOGO	0.01	81.1	Sg	01:23:55.070	0.1	T__	m__	
OCHT	0.06	281.1	Pg	01:23:53.890	0.1	T__	md_ ML	3.1
OCHT	0.06	281.1	Sg	01:23:55.490	0.1	T__	m__	
DEP19	0.10	112.1	Pg	01:23:54.210	-0.0	T__	md_	
DEP19	0.10	112.1	Sg	01:23:56.050	-0.1	T__	m__	
NICK	0.12	317.1	Pg	01:23:54.910	0.3	T__	md_ ML	2.6
NICK	0.12	317.1	Sg	01:23:57.210	0.5	T__	m__	
PYRM	0.14	229.4	Pg	01:23:54.750	-0.0	T__	md_ ML	3.5
PYRM	0.14	229.4	Sg	01:23:56.960	-0.1	T__	m__	
BGG	0.14	211.0	Pg	01:23:54.770	-0.1	T__	md_	
BGG	0.14	211.0	Sg	01:23:57.050	-0.1	T__	m__	
OMED	0.14	290.1	Pg	01:23:54.850	-0.0	T__	md_ ML	3.0
OMED	0.14	290.1	Sg	01:23:57.040	-0.1	T__	m__	
BEDO	0.16	34.6	Pg	01:23:55.140	-0.0	T__	mc_ ML	3.4
BEDO	0.16	34.6	Sg	01:23:57.550	-0.1	T__	m__	
PROB	0.17	314.5	Pg	01:23:55.500	0.2	T__	md_ ML	2.9
BHE	0.18	278.6	Pg	01:23:55.334	-0.0	---	mde	
KOE	0.20	61.4	Pg	01:23:55.690	-0.2	T__	mc_ ML	2.7
KOE	0.20	61.4	Sg	01:23:58.500	-0.3	---	m__	
GLOK	0.22	357.1	Pg	01:23:56.000	-0.1	T__	mc_ ML	2.9
GLOK	0.22	357.1	Sg	01:23:58.920	-0.3	T__	m__	
LAGB	0.23	278.7	Pg	01:23:56.180	-0.0	T__	mc_ ML	2.9
LAGB	0.23	278.7	Sg	01:23:59.100	-0.4	T__	m__	
NAST	0.29	116.6	Pg	01:23:57.300	-0.1	---	m__ ML	2.9
NAST	0.29	116.6	Sg	01:24:01.200	-0.2	---	m__	
AHRW	0.32	312.0	Pg	01:23:57.790	-0.1	T__	md_ ML	2.5
AHRW	0.32	312.0	Sg	01:24:01.231	-1.0	---	m_e	
R79BC	0.33	120.0	Pg	01:23:58.600	0.6	---	m__ ML	2.8
R79BC	0.33	120.0	Sg	01:24:02.700	0.3	---	m__	
BEUR	0.34	224.1	Pg	01:23:57.820	-0.5	T__	mc_ ML	2.9
BEUR	0.34	224.1	Sg	01:24:02.290	-0.7	T__	m__	
FACH	0.35	85.0	Pg	01:23:58.040	-0.3	T__	mc_ ML	2.8
FACH	0.35	85.0	Sg	01:24:02.260	-0.8	T__	m__	
GWBD	0.36	126.2	Pg	01:23:58.460	-0.1	T__	md_ ML	2.5
GWBD	0.36	126.2	Sg	01:24:03.030	-0.4	T__	m__	
R3B38	0.40	114.3	Pg	01:23:59.100	-0.2	---	m__	
R3B38	0.40	114.3	Sg	01:24:03.800	-0.8	---	m__	
TDN	0.41	307.7	Pg	01:23:59.405	-0.0	---	m_e	
TDN	0.41	307.7	Sg	01:24:04.565	-0.3	---	m_e	
R1055	0.42	119.8	Pg	01:23:59.300	-0.3	---	m__ ML	2.9
R1055	0.42	119.8	Sg	01:24:03.900	-1.2	---	m__	
ABH	0.45	172.0	Pg	01:24:00.110	-0.1	T__	md_ ML	2.9
ABH	0.45	172.0	Sg	01:24:05.510	-0.7	T__	m__	
BIW	0.47	31.2	Pg	01:23:59.910	-0.7	T__	mc_ ML	3.0
BIW	0.47	31.2	Sg	01:24:06.910	0.0	---	m_e	
HILG	0.49	266.2	Pg	01:24:00.770	-0.3	T__	mc_	
HILG	0.49	266.2	Sg	01:24:07.453	-0.1	---	m_e	
GWBE	0.52	115.0	Pg	01:24:01.090	-0.3	T__	mc_ ML	2.5
GWBE	0.52	115.0	Sg	01:24:06.930	-1.3	---	m__	
GWBO	0.52	138.5	Pg	01:24:01.620	0.1	T__	md_ ML	2.9
GWBO	0.52	138.5	Sg	01:24:08.500	0.1	---	m__	
GWBC	0.53	82.5	Pg	01:24:01.190	-0.4	T__	mc_ ML	3.2
GWBC	0.53	82.5	Sg	01:24:07.400	-1.2	---	m__	

518.3 0.53

TNS	0.65	98.9	Pg	01:24:03.410	-0.4	T__			mc_ ML	3.0
TNS	0.65	98.9	Sg	01:24:11.130	-1.2	___			m_	
BNS	0.66	344.7	Pg	01:24:03.816	-0.3	___			m_e	
BNS	0.66	344.7	Sg	01:24:12.741	0.0	___	922.4	0.33	m_e	
HOBG	0.66	353.5	Pg	01:24:03.748	-0.4	___			mce	
HOBG	0.66	353.5	Sg	01:24:13.273	0.5	___	876.5	0.70	m_e	
WBFO	0.67	67.8	Pg	01:24:03.500	-0.7	___			m_ ML	3.0
WBFO	0.67	67.8	Sg	01:24:13.800	0.9	___			m_	
BODE	0.68	127.2	Pg	01:24:04.400	-0.1	T__			m_ ML	2.7
BODE	0.68	127.2	Sg	01:24:13.200	-0.3	___			m_	
RIVT	0.76	215.7	P*	01:24:04.430		T__			m_ ML	3.1
RIVT	0.76	215.7	Pg	01:24:04.770	-1.2	T__			m_	
RIVT	0.76	215.7	Sg	01:24:16.002	0.1	___			m_e	
MUEZ	0.77	265.7	P*	01:24:05.410		T__			mc_ ML	3.3
MUEZ	0.77	265.7	Sg	01:24:16.356	0.2	___			m_e	
RIED	0.78	128.3	Pg	01:24:06.700	0.4	___			m_ ML	3.1
RIED	0.78	128.3	Sg	01:24:17.200	0.7	___			m_	
IMS	0.79	158.3	P*	01:24:06.330		T__			mc_ ML	3.2
IMS	0.79	158.3	S*	01:24:15.900		T__			m_	
IMS	0.79	158.3	SmS	01:24:17.930	-2.1	___			m_	
KLL	0.79	294.2	Pg	01:24:05.991	-0.6	___			m_e	
KLL	0.79	294.2	Sg	01:24:16.649	-0.3	___	104.1	0.16	m_e	
WBFM	0.80	104.8	Pg	01:24:06.900	0.3	___			m_	
WBFM	0.80	104.8	Sg	01:24:18.200	1.2	___			m_	
DREG	0.85	293.8	Pg	01:24:07.136	-0.4	___			m_e	
DREG	0.85	293.8	Sg	01:24:17.891	-0.7	___	192.0	0.32	m_e	
DREI	0.89	109.8	Pg	01:24:07.700	-0.6	___			m_ ML	3.0
DREI	0.89	109.8	Sg	01:24:19.000	-0.9	___			m_	
KLB	0.89	255.7	Pg	01:24:07.211	-1.2	___			mce	
KLB	0.89	255.7	Sg	01:24:19.131	-0.8	___			m_e	
MRG	0.90	282.4	Pg	01:24:07.764	-0.8	___			mce	
MRG	0.90	282.4	Sg	01:24:19.833	-0.4	___			m_e	
BA02	0.90	300.0	Pg	01:24:08.553	-0.1	___			mce	
BA02	0.90	300.0	Sg	01:24:19.422	-0.9	___	212.0	0.66	m_e	
WBB	0.92	121.5	Pn	01:24:08.370	-1.2	T__			m_ ML	2.4
WBB	0.92	121.5	Sn	01:24:20.790	-1.5	T__			m_	
HOU	0.92	272.2	Pg	01:24:07.946	-1.1	___			mce	
HOU	0.92	272.2	Sg	01:24:20.915	-0.1	___			m_e	
MESS	0.95	116.3	Pg	01:24:09.000	-0.5	___			m_ ML	3.1
MESS	0.95	116.3	Sg	01:24:21.400	-0.4	___			m_	
MEM	0.96	287.7	Pg	01:24:09.110	-0.6	T__			md_ ML	2.6
MEM	0.96	287.7	Sg	01:24:22.090	-0.1	T__			m_	
WBBU	0.97	136.0	Sg	01:24:24.500	1.9	___			m_	
EBSD	0.98	66.8	Pg	01:24:09.000	-1.0	___			m_	
EBSD	0.98	66.8	Sg	01:24:22.600	-0.1	___			m_	
WILW	0.99	250.7	P*	01:24:08.780		T__			m_ ML	2.8
WILW	0.99	250.7	Sg	01:24:23.130	0.1	T__			m_	
ERNH	0.99	123.2	Pg	01:24:10.100	-0.1	___			m_ ML	3.1
ERNH	0.99	123.2	Sg	01:24:22.200	-0.8	___			m_	
WMG	0.99	224.0	P*	01:24:08.450		T__			m_ ML	3.0
WMG	0.99	224.0	Pg	01:24:09.680	-0.6	T__			m_	
DUP	1.01	205.3	P*	01:24:09.680		T__			m_ ML	3.3
DUP	1.01	205.3	Pg	01:24:10.420	-0.2	T__			m_	
HGN	1.06	294.9	Pg	01:24:10.933	-0.6	___			m_e ML	2.8

HGN	1.06	294.9	Sg	01:24:24.920	-0.4	___			m_e	
WLF	1.07	232.1	P*	01:24:09.800		T_			m__ ML	3.1
WLF	1.07	232.1	Pg	01:24:10.700	-1.0	T_			m__	
WLF	1.07	232.1	Sg	01:24:24.565	-1.0	___			m_e	
KAST	1.07	34.5	Pn	01:24:10.294	-1.3	___			m_e ML	3.1
KAST	1.07	34.5	Pg	01:24:10.928	-0.8	___			m_e	
KAST	1.07	34.5	Sg	01:24:24.752	-0.8	___			m_e	
LAUG	1.07	342.7	Pg	01:24:11.043	-0.8	___			m_e	
LAUG	1.07	342.7	Sg	01:24:24.526	-1.2	___	348.8	0.28	m_e	
WBA	1.11	127.0	Pn	01:24:11.290	-0.9	T_			m__ ML	2.7
WBA	1.11	127.0	Pg	01:24:11.970	-0.5	T_			m__	
WBA	1.11	127.0	Sn	01:24:25.940	-0.8	T_			m__	
MESL	1.12	160.4	Pn	01:24:11.450	-0.8	T_			m__ ML	3.3
BUG	1.12	354.2	Pn	01:24:11.398	-0.9	___			m_e ML	2.9
BUG	1.12	354.2	Pg	01:24:11.759	-0.9	___			m_e	
BUG	1.12	354.2	Sg	01:24:26.104	-1.1	___			m_e	
RODG	1.15	316.0	Sg	01:24:28.612	0.5	___	329.3	0.37	m_e	
GWBF	1.17	69.3	Pg	01:24:12.900	-0.7	___			m__	
GWBF	1.17	69.3	Sg	01:24:28.700	-0.0	___			m__	
WBG	1.22	96.6	Pn	01:24:12.530	-1.2	T_			mc__ ML	3.2
WBG	1.22	96.6	Sg	01:24:28.700	-1.7	___			m__	
PEB	1.27	172.1	Pn	01:24:13.150	-1.2	T_			m__ ML	3.3
MILB	1.28	112.2	Pn	01:24:14.030	-0.5	T_			m__ ML	3.0
MILB	1.28	112.2	Sg	01:24:30.900	-1.5	___			m__	
LEMB	1.31	171.1	Pn	01:24:13.736	-1.2	___			m_e ML	3.0
LEMB	1.31	171.1	Pg	01:24:15.707	-0.5	___			m_e	
LEMB	1.31	171.1	Sg	01:24:31.333	-1.9	___			m_e	
WBNH	1.36	83.7	Pn	01:24:15.200	-0.3	___			m__ ML	3.0
WBNH	1.36	83.7	Sg	01:24:33.000	-1.7	___			m__	
NEUF	1.36	223.1	Pn	01:24:14.526	-1.1	___			m_e	
NEUF	1.36	223.1	Pg	01:24:15.891	-1.3	___			m_e	
VOEL	1.38	189.0	Pn	01:24:14.680	-1.1	___			m__ ML	3.3
RCHB	1.43	264.0	Pn	01:24:16.516	-0.1	___			m_e ML	2.8
RCHB	1.43	264.0	Pg	01:24:17.531	-1.0	___			m_e	
RCHB	1.43	264.0	Sg	01:24:34.538	-2.6	___			m_e	
NEEW	1.43	162.6	Pg	01:24:18.486	-0.1	___			m_e ML	3.1
NEEW	1.43	162.6	Sg	01:24:36.273	-0.9	___			m_e	
CIEL	1.50	182.2	Pn	01:24:16.429	-1.0	___			m_e	
CIEL	1.50	182.2	Pg	01:24:18.462	-1.3	___			m_e	
SPAHL	1.60	77.3	Sg	01:24:40.400	-2.0	___			m__	
WBRD	1.60	74.7	Sg	01:24:42.800	0.3	___			m__	
HOHE	1.67	179.2	Pg	01:24:21.620	-1.4	___			m__ ML	3.1
BABA	1.68	163.1	Pg	01:24:22.550	-0.7	___			m__ ML	2.6
UBBA	1.69	72.1	Pn	01:24:20.500	0.4	___			m__ ML	2.8
UBBA	1.69	72.1	Pg	01:24:22.650	-0.8	___			m_e	
UBBA	1.69	72.1	Sg	01:24:44.306	-1.1	___			m_e	
SIND	1.70	124.3	Pn	01:24:20.440	0.2	___			m__ ML	2.9
SIND	1.70	124.3	Sn	01:24:41.700	1.0	___			m__	
HROE	1.74	82.0	Pn	01:24:21.500	0.8	___			m__ ML	2.8
GALG	1.77	150.2	Pn	01:24:21.170	0.1	___			m__ ML	2.6
VITZ	1.77	70.5	Pn	01:24:20.300	-0.8	___			m__	
WBED	1.88	62.3	Pn	01:24:25.200	2.6	___			m__	
WARTH	1.89	73.0	Pn	01:24:22.600	-0.2	___			m__ ML	3.0
WARTH	1.89	73.0	Sg	01:24:50.600	-1.1	___			m__	

IBBN	1.99	5.4	Pn	01:24:23.600	-0.5	---	m_		
IBBN	1.99	5.4	Sg	01:24:52.600	-2.2	---	m_		
GLEI	1.99	59.9	Pn	01:24:25.000	0.9	---	m_		
GLEI	1.99	59.9	Sg	01:24:54.000	-0.8	---	m_		
GTTG	2.00	51.5	Pn	01:24:25.200	1.0	---	m_		
GTTG	2.00	51.5	Sg	01:24:53.400	-1.7	---	m_		
URBA	2.03	136.3	Pn	01:24:25.010	0.3	---	m_	ML	2.5
BFO	2.08	163.7	Pn	01:24:25.130	-0.2	---	m_	ML	3.1
ECH	2.12	185.3	Pn	01:24:27.180	1.3	---	m_	ML	3.0
WOER	2.24	124.7	Pn	01:24:27.860	0.3	---	m_	ML	2.7
BUCH	2.25	145.9	Pn	01:24:28.080	0.4	---	m_	ML	2.8
VOGT	2.25	176.3	Pg	01:24:32.960	-1.0	---	m_	ML	2.8
DEGG	2.26	138.6	Pn	01:24:28.130	0.3	---	m_	ML	2.5
IRRE	2.27	154.0	Pn	01:24:28.420	0.6	---	m_	ML	2.8
FREU	2.36	151.6	Pn	01:24:29.290	0.1	---	m_	ML	2.8
MSS	2.36	154.8	Pn	01:24:29.440	0.2	---	m_	ML	3.2
CLZ	2.38	49.3	Pn	01:24:29.900	0.5	---	m_	ML	3.2
CLZ	2.38	49.3	Sg	01:25:06.600	-0.6	---	m_		
KIZ	2.39	172.5	Pn	01:24:29.060	-0.5	---	m_	ML	2.8
ZWI	2.45	147.1	Pn	01:24:30.780	0.5	---	m_	ML	2.7
FELD	2.48	171.4	Pg	01:24:37.100	-1.1	---	m_	ML	3.0
CHRS	2.48	57.5	Pn	01:24:30.900	0.1	---	m_	ML	2.8
CHRS	2.48	57.5	Sg	01:25:09.600	-0.7	---	m_		
HDH	2.50	133.2	Pn	01:24:31.440	0.4	---	m_	ML	3.0
BERGE	2.50	168.8	Pn	01:24:30.760	-0.3	---	m_	ML	2.8
GUT	2.50	153.6	Pn	01:24:31.490	0.4	---	m_	ML	2.7
EMING	2.60	158.9	Pn	01:24:32.980	0.6	---	m_	ML	2.6
ENDD	2.62	175.8	Pn	01:24:32.140	-0.5	---	m_	ML	2.6
SLE	2.65	164.7	Pn	01:24:33.160	0.1	---	m_	ML	2.8
METMA	2.67	168.3	Pn	01:24:33.460	0.1	---	m_	ML	2.7
BALST	3.00	176.8	Pn	01:24:37.590	-0.2	---	m_		
TETT	3.02	151.2	Pn	01:24:38.900	0.8	---	m_	ML	3.2
CHMF	3.12	190.0	Pn	01:24:38.520	-1.0	---	m_		

Event 30419002 Kaub/Rhine

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/04/19	03:14:15.09	0.35		50.0840	7.9320	4.4	2.2	168	12.7	5.7	14	7	116	0.32	1.22	m i ke	BGR	30419032
2023/04/19	03:14:15.56	0.83	0.29	50.1377	7.9430				11.0	1.5	46	25	063	0.04	1.49	m i ke	BNS	30419022
2023/04/19	03:14:15.83	0.08	0.24	50.1140	7.9450	0.9	0.7	040	10.0	2.0	55	34	039	0.03	1.27	m i ke	LED	30419012
2023/04/19	03:14:15.00		0.48	50.1200	7.9600				14.0	1.0	69	35	044			m i ke	HLNUG	30419002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	7 BGR	30419032
ML	1.8		BNS	30419022
ML	2.1	0.2	32 LED	30419012
ML	2.2	0.3	31 HLNUG	30419002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
R1055	0.03	90.8	Pg	03:14:17.800	0.3					T_				m_	ML 2.3
R1055	0.03	90.8	Sg	03:14:19.300	0.2					T_				m_	

GWBD	0.04	260.9	Pg	03:14:17.600	0.1	T__	m__ ML	2.3
GWBD	0.04	260.9	Sg	03:14:19.100	-0.1	T__	m__	
R3B38	0.06	42.3	Pg	03:14:18.000	0.4	T__	m__ ML	1.9
R3B38	0.06	42.3	Sg	03:14:19.600	0.2	T__	m__	
R79BC	0.06	314.9	Pg	03:14:18.500	0.9	T__	m__	
R79BC	0.06	314.9	Sg	03:14:20.100	0.7	T__	m__	
NAST	0.10	319.8	Pg	03:14:18.200	0.2	T__	m__ ML	2.2
NAST	0.10	319.8	Sg	03:14:20.100	0.0	T__	m__	
GWBE	0.14	95.4	Pg	03:14:19.000	0.4	T__	m__ ML	2.2
GWBE	0.14	95.4	Sg	03:14:21.400	0.4	T__	m__	
GWBO	0.18	174.5	Pg	03:14:19.700	0.5	T__	m__ ML	2.5
GWBO	0.18	174.5	Sg	03:14:22.900	0.8	T__	m__	
FACH	0.24	5.2	Pg	03:14:20.500	0.4	T__	m__ ML	2.0
FACH	0.24	5.2	Sg	03:14:23.800	0.3	T__	m__	
DEP19	0.29	306.0	Pg	03:14:21.340	0.4	___	mc__	
DEP19	0.29	306.0	Sg	03:14:25.130	0.1	___	m__	
BODE	0.30	133.9	Pg	03:14:21.800	0.7	T__	m__ ML	2.0
BODE	0.30	133.9	Sg	03:14:26.200	0.8	T__	m__	
TNS	0.33	71.6	Pg	03:14:22.300	0.7	T__	m__ ML	2.0
TNS	0.33	71.6	Sg	03:14:26.600	0.4	T__	m__	
GWBC	0.34	35.8	Pg	03:14:22.200	0.4	T__	m__ ML	2.8
GWBC	0.34	35.8	Sg	03:14:26.800	0.4	T__	m__	
KOE	0.34	334.4	Pg	03:14:22.300	0.5	T__	m__ ML	1.8
KOE	0.34	334.4	Sg	03:14:26.600	0.2	T__	m__	
ABH	0.36	228.2	Pg	03:14:22.000	-0.1	T__	m__ ML	1.9
ABH	0.36	228.2	Sg	03:14:26.300	-0.7	T__	m__	
KOGO	0.38	303.3	Pg	03:14:22.950	0.4	___	m__ ML	1.9
KOGO	0.38	303.3	Sg	03:14:27.840	0.1	___	m__	
RIED	0.40	134.5	Pg	03:14:23.900	1.0	T__	m__ ML	2.4
RIED	0.40	134.5	Sg	03:14:30.800	2.5	T__	m__	
BGG	0.41	282.2	Pg	03:14:23.300	0.2	T__	m__ ML	2.2
BGG	0.41	282.2	Sg	03:14:28.300	-0.3	T__	m__	
BEDO	0.41	325.7	Pg	03:14:23.780	0.7	___	m__ ML	2.1
BEDO	0.41	325.7	Sg	03:14:28.920	0.2	___	m__	
OCHT	0.44	299.8	Pg	03:14:23.960	0.3	___	mc__ ML	2.0
PYRM	0.45	285.5	Pg	03:14:24.020	0.3	___	mc__ ML	2.1
PYRM	0.45	285.5	Sg	03:14:29.410	-0.3	___	m__	
DREI	0.52	100.9	Pg	03:14:25.500	0.5	T__	m__ ML	2.2
DREI	0.52	100.9	Sg	03:14:32.200	0.3	T__	m__	
OMED	0.53	299.4	Pg	03:14:25.610	0.4	___	m__ ML	2.2
IMS	0.53	184.2	Pg	03:14:25.400	0.2	T__	m__ ML	1.5
IMS	0.53	184.2	Sg	03:14:32.500	0.3	T__	m__	
WBB	0.53	121.3	Pg	03:14:25.900	0.6	T__	m__ ML	2.0
WBB	0.53	121.3	Sg	03:14:33.200	0.9	T__	m__	
GLOK	0.54	321.9	Pg	03:14:25.820	0.3	___	m__ ML	1.8
GLOK	0.54	321.9	Sg	03:14:33.023	0.4	___	m_e	
WBFO	0.54	32.8	Pn	03:14:27.234	-0.5	___	m_i ML	2.0
WBFO	0.54	32.8	Pg	03:14:25.800	0.3	T__	m__	
WBFO	0.54	32.8	Sg	03:14:32.500	-0.2	T__	m__	
BHE	0.55	295.3	Pg	03:14:25.977	0.3	___	m_e	
BHE	0.55	295.3	Sg	03:14:32.902	-0.0	___	m_e	
MESS	0.57	112.6	Pg	03:14:26.500	0.6	T__	m__ ML	2.5
MESS	0.57	112.6	Sg	03:14:34.000	0.6	T__	m__	
BEUR	0.57	266.3	Pg	03:14:26.000	0.1	___	mc__ ML	2.1

LAGB	0.60	294.0	Pg	03:14:26.900	0.3	T__	m__ ML	1.8
LAGB	0.60	294.0	Sg	03:14:33.900	-0.6	T__	m__	
ERNH	0.60	124.2	Pg	03:14:27.100	0.5	T__	m__ ML	2.4
ERNH	0.60	124.2	Sg	03:14:35.200	0.7	T__	m__	
BIW	0.62	352.8	Pg	03:14:27.270	0.4	---	md_ ML	2.1
BIW	0.62	352.8	Sg	03:14:35.248	0.3	---	m_e	
AHRW	0.70	307.1	Pg	03:14:29.200	0.7	T__	m__ ML	1.9
AHRW	0.70	307.1	Sg	03:14:37.000	-0.7	T__	m__	
WBA	0.72	129.9	Pg	03:14:29.000	0.2	T__	m__ ML	2.1
WBA	0.72	129.9	Sg	03:14:38.900	0.6	T__	m__	
EBSB	0.82	44.5	Pg	03:14:31.200	0.5	T__	m__ ML	2.4
EBSB	0.82	44.5	Sg	03:14:42.100	0.7	T__	m__	
HILG	0.84	282.3	Pg	03:14:31.510	0.5	---	m__	
HILG	0.84	282.3	Sg	03:14:42.840	0.9	---	m__	
MESL	0.85	177.2	Sg	03:14:41.840	-0.4	---	m__ ML	2.6
RIVT	0.87	242.3	Pg	03:14:30.580	-1.0	---	m__ ML	2.3
RIVT	0.87	242.3	Sg	03:14:42.310	-0.7	---	m__	
WBG	0.89	86.2	Pg	03:14:32.200	0.3	T__	m__ ML	2.5
WBG	0.89	86.2	Sg	03:14:43.900	0.4	T__	m__	
MILB	0.91	108.3	Pg	03:14:32.700	0.5	T__	m__ ML	2.6
MILB	0.91	108.3	Sg	03:14:45.000	1.0	T__	m__	
HOBG	0.95	335.4	Pg	03:14:32.851	-0.2	---	m_e	
HOBG	0.95	335.4	Sg	03:14:45.497	0.0	---	m_e	
LDE	0.95	172.9	Sn	03:14:46.980	0.8	---	m__ ML	2.3
GWBF	0.98	51.4	Pg	03:14:34.200	0.5	T__	m__ ML	2.3
GWBF	0.98	51.4	Sg	03:14:47.000	0.5	T__	m__	
ROTT	1.00	172.9	Sn	03:14:47.610	0.3	---	m__ ML	2.1
DUP	1.04	227.4	S*	03:14:47.390		---	m__ ML	2.6
PEB	1.07	188.6	Pn	03:14:34.630	-0.2	---	m__ ML	2.4
PEB	1.07	188.6	Pg	03:14:35.380	0.2	---	m__	
PEB	1.07	188.6	Sn	03:14:48.170	-0.7	---	m__	
WBNH	1.08	71.2	Pg	03:14:35.100	-0.4	T__	m__ ML	2.2
WBNH	1.08	71.2	Sg	03:14:50.600	1.0	T__	m__	
LEMB	1.09	186.9	Sg	03:14:48.588	-1.4	---	m_e ML	2.2
MUEZ	1.10	278.1	Pn	03:14:35.570	0.2	---	m__ ML	2.3
MUEZ	1.10	278.1	Sn	03:14:49.420	-0.4	---	m__	
KAST	1.12	14.8	Pg	03:14:35.700	-0.6	T__	m__ ML	2.2
KAST	1.12	14.8	Sg	03:14:49.400	-1.4	T__	m__	
WMG	1.13	243.9	P*	03:14:35.500		---	m__ ML	2.1
WMG	1.13	243.9	S*	03:14:50.210		---	m__	
VIA	1.14	261.4	Pg	03:14:36.022	-0.7	---	m_e	
VIA	1.14	261.4	Sg	03:14:50.717	-0.8	---	m_e	
NEEW	1.17	175.4	Sg	03:14:52.830	0.5	---	m__ ML	2.5
DREG	1.23	296.8	Pg	03:14:36.770	-1.5	---	m_e	
DREG	1.23	296.8	Sg	03:14:52.254	-2.0	---	m_e	
WLF	1.25	249.3	Pn	03:14:37.130	-0.2	---	m__ ML	2.3
WLF	1.25	249.3	Pg	03:14:38.133	-0.5	---	m_e	
WLF	1.25	249.3	Sg	03:14:53.991	-0.9	---	m_e	
WILW	1.26	264.9	Pg	03:14:38.141	-0.8	---	m_e	
WILW	1.26	264.9	Sg	03:14:53.640	-1.6	---	m_e	
MRG	1.27	288.7	Pg	03:14:37.351	-1.6	---	m_e	
MRG	1.27	288.7	Sg	03:14:53.487	-1.9	---	m_e	
HOU	1.27	281.3	Pg	03:14:37.506	-1.6	---	m_e	
HOU	1.27	281.3	Sg	03:14:53.025	-2.6	---	m_e	

12.9 0.51

VOEL	1.27	205.5	Sg	03:14:55.000	-0.7	___	m__	ML	2.2
SIND	1.31	125.3	Pg	03:14:40.700	0.8	T__	m__	ML	2.3
SIND	1.31	125.3	Sg	03:14:55.400	-1.5	T__	m__		
WBRD	1.37	63.1	Pg	03:14:39.600	-1.3	T__	m__		
WBRD	1.37	63.1	Sg	03:14:59.800	1.1	T__	m__		
HROE	1.46	72.6	Pn	03:14:40.700	0.4	T__	m__	ML	1.8
HROE	1.46	72.6	Sg	03:15:01.200	-0.5	T__	m__		
RWB	1.51	311.3	Pg	03:14:40.869	-2.7	___	m_e		
VITZ	1.56	59.7	Sg	03:15:04.300	-0.4	T__	m__	ML	2.6
WARTH	1.67	63.3	Pn	03:14:43.300	0.3	T__	m__	ML	2.2
WARTH	1.67	63.3	Sg	03:15:07.800	-0.3	T__	m__		

Event 30421005 Glarus, Walenstadt/CH, Walensee

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/04/21	17:06:40.44	0.18	0.35	47.1904	9.1061	1.1	1.0	176	14.9	2.5	23	6	037			m i uk	ZAMG	30421015
2023/04/21	17:06:41.24	0.30	0.45	47.1770	9.0690	2.2	1.1	014	10.0f		34	18	159	0.25	1.72	m i ke	BGR	30421005
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.1	7 ZAMG	30421015
ML	1.9	0.4	17 BGR	30421005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	0.25	121.0	Pg	17:06:45.708	-0.5					T__				m_e	ML 1.2
PLONS	0.25	121.0	Sg	17:06:49.411	-0.2					T__				m_e	
WILA	0.26	335.3	Pg	17:06:46.297	-0.2					T__				m_e	ML 1.5
WILA	0.26	335.3	Sg	17:06:49.643	-0.4					T__				m_e	
WALHA	0.58	3.6	Pg	17:06:52.128	-0.1					T__				m_e	ML 2.0
WALHA	0.58	3.6	Sg	17:06:59.920	0.1					T__				m_e	
SLE	0.71	326.8	Pg	17:06:54.405	-0.3					T__				m_e	ML 2.5
SLE	0.71	326.8	Sg	17:07:03.952	0.1					T__				m_e	
EMING	0.73	348.3	Pg	17:06:54.914	-0.3					T__				m_e	ML 2.0
EMING	0.73	348.3	Sg	17:07:04.809	0.1					T__				m_e	
SULZ	0.74	298.9	Pg	17:06:55.523	0.3					T__				m_e	ML 2.8
SULZ	0.74	298.9	Sg	17:07:05.780	0.9					T__				m_e	
METMA	0.77	314.4	Pg	17:06:55.586	-0.2					T__				m_e	ML 1.8
METMA	0.77	314.4	Sg	17:07:05.893	0.1					T__				m_e	
UBR	0.86	54.0	Pg	17:06:57.432	-0.2					T__				m_e	ML 2.4
UBR	0.86	54.0	Sg	17:07:09.690	0.8					T__				m_e	
BERGE	0.92	319.4	Pg	17:06:58.391	-0.3					T__				m_e	ML 1.8
BERGE	0.92	319.4	Sg	17:07:10.722	0.1					T__				m_e	
BALST	0.95	280.2	Pg	17:06:59.367	0.2					T__				m_e	ML 1.9
BALST	0.95	280.2	Sg	17:07:12.335	0.9					T__				m_e	
HAUIG	1.04	298.1	Sg	17:07:15.469	0.9					T__				m_e	ML 2.3
BFO	1.26	337.0	Pg	17:07:04.802	-0.2					T__				m_e	ML 1.5
BFO	1.26	337.0	Sg	17:07:21.399	0.2					T__				m_e	
ZUGS	1.32	78.8	Pg	17:07:05.841	-0.3					T__				m_e	ML 1.5
ZUGS	1.32	78.8	Sg	17:07:24.084	0.9					T__				m_e	
STU	1.60	2.9	Sg	17:07:31.494	-0.5					T__				m_e	ML 2.3
BE1	1.63	62.4	Pg	17:07:11.362	-0.6					T__				m_e	
BE1	1.63	62.4	Sg	17:07:33.591	0.6					T__				m_e	
ECH	1.65	309.7	Pg	17:07:12.391	-0.1					T__				m_e	ML 1.7

ECH	1.65	309.7	Sg	17:07:33.080	-0.8	T__	m_e
WLS	1.69	317.6	Pg	17:07:13.219	0.1	T__	m_e ML 1.9
WLS	1.69	317.6	Sg	17:07:34.382	-0.6	T__	m_e
RONF	1.72	288.9	Pg	17:07:13.838	0.1	T__	m_e ML 1.9
RONF	1.72	288.9	Sg	17:07:35.772	-0.3	T__	m_e

Event 30421006 Glarus, Walenstadt/CH, Walensee

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/04/21	17:07:02.82	0.30	0.42	47.1700	9.1150	2.6	1.0	161	14.1	3.6	13	5	037			m i uk	ZAMG	30421016
2023/04/21	17:07:03.35	0.42	0.24	47.1850	9.0900	5.6	3.3	044	10.0f		12	7	156	0.24	0.96	m i ke	BGR	30421006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	5 ZAMG	30421016
ML	1.5	0.4	7 BGR	30421006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	0.24	124.4	Pg	17:07:08.325	0.1					T__				m_e ML	0.8
PLONS	0.24	124.4	Sg	17:07:11.443	-0.1					T__				m_e	
WILA	0.26	331.7	Pg	17:07:08.416	-0.1					T__				m_e ML	1.2
WILA	0.26	331.7	Sg	17:07:11.716	-0.4					T__				m_e	
WALHA	0.57	2.2	Pg	17:07:14.229	0.0					T__				m_e ML	1.7
WALHA	0.57	2.2	Sg	17:07:21.981	0.4					T__				m_e	
SLE	0.71	325.5	Pg	17:07:16.522	-0.3					T__				m_e ML	2.2
SLE	0.71	325.5	Sg	17:07:26.105	0.1					T__				m_e	
EMING	0.73	347.1	Pg	17:07:17.023	-0.2					T__				m_e ML	1.6
EMING	0.73	347.1	Sg	17:07:26.877	0.2					T__				m_e	
METMA	0.77	313.3	Sg	17:07:27.988	-0.1					T__				m_e ML	1.4
BALST	0.96	279.6	Sg	17:07:34.340	0.4					T__				m_e ML	1.6

Event 30423001 Maastricht, Heerlen/NL, Dutch-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/04/23	08:00:09.50	0.50	0.31	50.8870	5.7190				12.7	6.8	25	38	257			m i ke	GDNRW	30423021
2023/04/23	08:00:09.69	0.21	0.81	50.9060	5.8140	2.2	2.2	114	10.0f		44	20	099	0.16	3.05	m i ke	BGR	30423011
2023/04/23	08:00:10.18	0.70	0.28	50.9077	5.7744				9.3	1.1	66	40	128	0.04	2.63	m i ke	BNS	30423001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		GDNRW	30423021
ML	2.4	0.3	19 BGR	30423011
ML	2.4		BNS	30423001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
VKB	0.04	171.0	Pg	08:00:12.193	0.3					T__				mce	
VKB	0.04	171.0	Sg	08:00:13.356	0.2					T__				m_e	
BEBN	0.13	208.9	Pg	08:00:12.762	-0.3					T__				mce	
BEBN	0.13	208.9	Sg	08:00:15.213	0.2					T__				m_e	
TERZ	0.17	151.1	Pg	08:00:13.841	0.1					T__				mde	

TNS	1.83	110.9	Sg	08:01:06.834	-1.6	---	m_e	
IBBN	1.86	40.6	Pn	08:00:41.730	0.3	---	m_e	
IBBE	1.87	41.2	Pn	08:00:41.650	0.1	---	m_e	
LUEB	2.29	51.5	Pn	08:00:46.587	-0.6	---	m_e ML	2.5
LUEB	2.29	51.5	Pg	08:00:52.336	-1.0	---	m_e	
LUEB	2.29	51.5	Sg	08:01:22.615	-0.3	---	m_e	
MILB	2.49	114.3	Pn	08:00:49.741	-0.2	---	m_e ML	2.7
MILB	2.49	114.3	Sg	08:01:28.660	-0.7	---	m_e	
SPAHL	2.63	94.0	Pn	08:00:51.792	0.0	---	m_e ML	2.8
SPAHL	2.63	94.0	Sg	08:01:30.939	-2.7	---	m_e	
WLS	2.70	157.1	Pn	08:00:52.554	-0.2	---	m_e ML	2.6
WLS	2.70	157.1	Sg	08:01:33.628	-2.2	---	m_e	
GTTG	2.70	74.7	Sg	08:01:32.938	-3.1	---	m_e ML	2.9
CLZ	3.02	70.2	Pg	08:01:05.175	-1.9	---	m_e ML	2.7
CLZ	3.02	70.2	Sg	08:01:43.940	-2.1	---	m_e	
BFO	3.06	146.3	Pn	08:00:57.658	-0.0	---	m_e	

Event 30427003 S of Montbeliard/F, Doubs Valley, French-Swiss border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/04/27	09:17:37.47	1.00	0.29	47.3760	6.9020	6.7	3.3	050	5.0f		19	12	272	0.54	2.19	m i ke	BGR	30427003

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.4	10 BGR	30427003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	0.54	94.0	Pg	09:17:47.609	-0.1					T__				m_e ML	2.1
BALST	0.54	94.0	Sg	09:17:54.865	0.2					T__				m_e	
SULZ	0.83	79.0	Sg	09:18:05.102	1.1					T__				m_e ML	2.7
ECH	0.86	11.5	Sg	09:18:05.006	0.2					T__				m_e ML	1.8
METMA	0.97	69.3	Pg	09:17:56.006	0.2					T__				m_e ML	1.9
METMA	0.97	69.3	Sg	09:18:08.351	-0.0					T__				m_e	
BERGE	0.99	59.6	Pg	09:17:56.368	0.2					T__				m_e ML	2.2
BERGE	0.99	59.6	Sg	09:18:09.046	0.0					T__				m_e	
SLE	1.14	69.4	Pg	09:17:59.092	0.1					T__				m_e ML	3.1
SLE	1.14	69.4	Sg	09:18:13.678	-0.1					T__				m_e	
BFO	1.35	44.6	Pg	09:18:02.673	-0.3					T__				m_e ML	1.6
BFO	1.35	44.6	Sg	09:18:20.429	-0.0					T__				m_e	
WILA	1.36	87.6	Sg	09:18:20.768	0.1					T__				m_e ML	2.7
EMING	1.41	67.7	Pg	09:18:03.840	-0.2					T__				m_e	
EMING	1.41	67.7	Sg	09:18:22.512	0.2					T__				m_e	
WALHA	1.55	75.1	Sg	09:18:26.744	0.2					T__				m_e	
PLONS	1.72	100.1	Sg	09:18:31.977	-0.0					T__				m_e ML	2.2
UBR	2.19	80.8	Pg	09:18:18.990	0.3					T__				m_e ML	2.6
UBR	2.19	80.8	Sg	09:18:46.831	-0.1					T__				m_e	

Event 30427006 Western Kitzbuehler Alps/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/04/27	14:39:50.58	0.21	0.71	47.3987	12.1127	3.9	1.0	171	12.1	3.9	32	15	006			m i uk	ZAMG	30427016
2023/04/27	14:39:52.02	0.24	0.35	47.3660	12.1110	3.3	1.1	176	10.0f		25	15	145	0.34	1.85	m i ke	BGR	30427006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	16 ZAMG	30427016
ML	1.6	0.3	15 BGR	30427006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.34	252.6	Pg	14:39:57.985	-0.6					T__				m_e	ML 1.7
WTTA	0.34	252.6	Sg	14:40:02.795	-0.3					T__				m_e	
LESA	0.39	81.1	Pg	14:39:59.204	-0.3					T__				m_e	ML 1.2
LESA	0.39	81.1	Sg	14:40:04.349	-0.3					T__				m_e	
RJOB	0.59	51.0	Pg	14:40:03.494	0.2					T__				m_e	ML 1.5
RJOB	0.59	51.0	Sg	14:40:11.279	0.2					T__				m_e	
SQTA	0.63	257.0	Pg	14:40:03.377	-0.6					T__				m_e	ML 1.4
SQTA	0.63	257.0	Sg	14:40:12.372	0.2					T__				m_e	
MOTA	0.68	268.6	Sg	14:40:13.929	0.0					T__				m_e	ML 1.2
ZUGS	0.77	274.1	Pg	14:40:06.767	0.2					T__				m_e	ML 1.5
ZUGS	0.77	274.1	Sg	14:40:17.156	0.6					T__				m_e	
BE1	0.81	312.6	Pg	14:40:07.353	-0.0					T__				m_e	ML 1.8
BE1	0.81	312.6	Sg	14:40:17.604	-0.3					T__				m_e	
KBA	0.89	108.5	Pg	14:40:09.081	0.3					T__				m_e	ML 1.3
KBA	0.89	108.5	Sg	14:40:20.915	0.6					T__				m_e	
RETA	0.92	278.1	Pg	14:40:09.305	-0.1					T__				m_e	ML 1.5
RETA	0.92	278.1	Sg	14:40:21.672	0.3					T__				m_e	
FUR	0.98	325.1	Pg	14:40:10.196	-0.3					T__				m_e	ML 2.3
FUR	0.98	325.1	Sg	14:40:23.422	0.3					T__				m_e	
UBR	1.39	283.8	Pg	14:40:18.486	0.2					T__				m_e	ML 2.0
UBR	1.39	283.8	Sg	14:40:36.560	0.3					T__				m_e	
DAVA	1.51	267.8	Sg	14:40:40.907	0.7					T__				m_e	ML 1.9
MOA	1.53	70.8	Sg	14:40:41.043	0.3					T__				m_e	ML 1.8
GEC2	1.82	35.1	Pn	14:40:22.480	-0.1					T__				m_e	ML 1.8
WET	1.85	15.7	Pn	14:40:22.440	-0.5					T__				m_e	ML 1.8

Event 30429001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/04/29	15:37:19.21	0.48	1.25	51.3967	16.0173	4.1	3.2	078	0.0	0.0	34	20	017			m i sr	ZAMG	30429011
2023/04/29	15:37:18.43	0.41	0.59	51.4550	16.0920	4.4	2.2	023	1.0f		34	14	222	0.62	3.57	m i ki	BGR	30429001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.2	19 ZAMG	30429011
ML	3.1	0.3	13 BGR	30429001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.62	168.3	Pg	15:37:30.651	0.5					T__				m_e	ML 2.4
KSP	0.62	168.3	Sg	15:37:38.260	-0.0					T__				m_e	
DPC	1.11	172.4	Pg	15:37:39.383	-0.0					T__				m_e	ML 3.2
DPC	1.11	172.4	Sg	15:37:54.537	0.7					T__				m_e	
BRG	1.47	247.5	Pg	15:37:45.634	-0.5					T__				m_e	ML 3.0
BRG	1.47	247.5	Sg	15:38:04.970	-0.1					T__				m_e	
MORC	1.91	150.7	Pn	15:37:51.132	-0.2					T__				m_e	ML 3.4

MORC	1.91	150.7	Sg	15:38:18.615	-0.6	T__						m_e	
CLL	1.93	266.8	Pn	15:37:50.719	-0.9	T__						m_e ML	3.0
CLL	1.93	266.8	Pg	15:37:53.928	-0.9	T__						m_e	
CLL	1.93	266.8	Sg	15:38:19.991	0.1	T__						m_e	
OKC	2.08	140.3	Pn	15:37:53.356	-0.2	T__						m_e ML	2.8
OKC	2.08	140.3	Pg	15:37:57.054	-0.5	T__						m_e	
OKC	2.08	140.3	Sg	15:38:23.744	-0.7	T__						m_e	
TANN	2.51	247.0	Pn	15:37:59.667	0.2	T__						m_e ML	3.1
TANN	2.51	247.0	Pg	15:38:06.317	0.5	T__						m_e	
TANN	2.51	247.0	Sg	15:38:37.045	-1.2	T__						m_e	
WERD	2.59	248.6	Pn	15:38:00.679	0.2	T__						m_e ML	3.1
WERD	2.59	248.6	Pg	15:38:07.608	0.4	T__						m_e	
WERD	2.59	248.6	Sg	15:38:40.342	-0.3	T__						m_e	
MANZ	2.92	241.3	Pn	15:38:04.825	-0.1	T__						m_e ML	3.2
MANZ	2.92	241.3	Pg	15:38:14.144	0.7	T__						m_e	
MANZ	2.92	241.3	Sg	15:38:52.016	0.9	T__						m_e	
ROTZ	2.99	237.1	Pn	15:38:06.046	0.2	T__						m_e	
ROTZ	2.99	237.1	Pg	15:38:15.341	0.6	T__						m_e	
GEC2	3.03	211.3	Pn	15:38:07.049	0.6	T__						m_e ML	3.2
GEC2	3.03	211.3	Sg	15:38:54.280	-0.3	T__						m_e	
WET	3.09	222.9	Pn	15:38:07.666	0.4	T__						m_e ML	3.1
WET	3.09	222.9	Sg	15:38:57.663	1.1	T__						m_e	
GRA1	3.56	242.2	Pn	15:38:14.354	0.7	T__						m_e ML	3.6
GRA1	3.56	242.2	Pg	15:38:26.244	0.7	T__						m_e	
GRA1	3.56	242.2	Sg	15:39:11.113	-0.4	T__						m_e	
CLZ	3.57	278.5	Pn	15:38:14.342	0.6	T__						m_e ML	3.2
CLZ	3.57	278.5	Sg	15:39:11.810	-0.0	T__						m_e	

DATA_TYPE ARRIVAL: REVIEWED IMS1.0

Net	Sta	Chan	Aux	Date	Time	Phase	Azim	Slow	SNR	Amp	Per	Qual	Author	ArrID
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