

DATA\_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 30102001 Landau i.d. Pfalz, NW of Karlsruhe

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/01/02	03:22:19.61	6.56	7.74	49.1604	8.3296				10.0f		18	12	257	0.81	2.01	m i ke	BNS	30102021
2023/01/02	03:22:17.59	0.29	0.63	49.0560	8.3130	3.3	3.3	066	10.0f		18	12	077	0.13	1.41	m i ke	BGR	30102011
2023/01/02	03:22:17.68	0.12	0.35	49.0750	8.2840	1.5	1.0	051	12.0	2.0	66	40	032	0.09	1.46	m i ke	LED	30102001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.7		BNS	30102021
ML	2.0	0.2	3 BGR	30102011
ML	2.1	0.2	41 LED	30102001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KARL	0.09	126.5	Pg	03:22:20.570	0.2					T__				md_ ML	2.0
KARL	0.09	126.5	Sg	03:22:23.230	1.0					T__				m__	
ROTT	0.10	301.5	Pg	03:22:20.630	0.1					T__				md_ ML	1.9
ROTT	0.10	301.5	Sg	03:22:23.070	0.6					T__				m__	
LDE	0.14	317.3	Pg	03:22:21.280	0.3					T__				md_ ML	1.8
LDE	0.14	317.3	Sg	03:22:24.450	1.2					T__				m__	
LDO	0.15	331.4	Pg	03:22:21.500	0.3					T__				md_ ML	1.7
LDO	0.15	331.4	Sg	03:22:24.820	1.2					T__				m__	
NEEW	0.17	224.8	Pg	03:22:21.590	0.2					T__				mc_ ML	2.2
NEEW	0.17	224.8	Sg	03:22:25.150	1.1					T__				m__	
MESL	0.26	319.5	Pg	03:22:22.990	-0.0					T__				md_	
MESL	0.26	319.5	Sg	03:22:26.830	0.2					T__				m__	
BRET	0.27	103.0	Pg	03:22:23.130	-0.1					T__				mc_ ML	2.0
BRET	0.27	103.0	Sg	03:22:26.870	-0.1					T__				m__	
BABA	0.36	189.7	Pg	03:22:24.500	-0.3					T__				m__ ML	1.9
PEB	0.37	268.9	Pg	03:22:25.100	0.1					T__				mc_ ML	1.8
PEB	0.37	268.9	Sg	03:22:30.420	0.4					T__				m__	
GALG	0.44	131.3	Pg	03:22:26.100	-0.0					T__				md_ ML	2.0
GALG	0.44	131.3	Sg	03:22:32.110	0.2					T__				m__	
IMS	0.58	334.5	Pg	03:22:28.610	-0.1					T__				m__ ML	1.7
IMS	0.58	334.5	Sg	03:22:36.600	0.3					T__				m__	
OPP	0.58	186.4	Pg	03:22:28.550	-0.3					T__				mc_ ML	2.2
OPP	0.58	186.4	Sg	03:22:36.690	0.2					T__				m__	
HEIN	0.63	83.9	Pg	03:22:29.180	-0.5					T__				m__ ML	2.4
CIEL	0.65	248.5	Pg	03:22:29.986	-0.1					___				m_e	
STU	0.67	116.6	Sg	03:22:39.019	-0.2					___				m_e ML	2.0
HOHE	0.67	231.9	Pg	03:22:30.360	-0.1					T__				m__ ML	2.4
HOHE	0.67	231.9	Sg	03:22:39.760	0.5					T__				m__	
BFO	0.75	177.7	Pg	03:22:31.770	-0.1					T__				m__ ML	2.4
BFO	0.75	177.7	Sg	03:22:41.610	0.0					T__				m__	
TUBL	0.76	136.1	Sg	03:22:41.800	-0.4					T__				m__ ML	2.1
VOEL	0.77	262.3	Pg	03:22:32.170	-0.1					T__				m__ ML	2.1
VOEL	0.77	262.3	Sg	03:22:42.610	0.3					T__				m__	
WBB	0.81	17.6	Pg	03:22:32.480	-0.5					T__				md_ ML	1.6
WBB	0.81	17.6	Sg	03:22:43.430	-0.1					T__				m__	
BODE	0.84	0.6	Pn	03:22:33.720	-0.9					T__				m__ ML	1.8
GWBO	0.88	347.5	Pg	03:22:34.021	-0.4					___				m_e	
GWBO	0.88	347.5	Sg	03:22:45.825	-0.1					___		32.4	0.62	m_e	

URBA	0.89	105.0	Pn	03:22:34.440	-0.9	T__			m__ ML	2.4
WLS	0.90	223.2	Sg	03:22:46.768	0.2	___			m_e	
IRRE	0.91	151.0	Pg	03:22:35.010	0.1	T__			m__ ML	2.0
IRRE	0.91	151.0	Sg	03:22:46.830	0.2	T__			m__	
SIND	0.91	71.9	Pn	03:22:34.280	-1.3	T__			m__ ML	2.0
ABH	0.94	329.6	Pg	03:22:35.550	0.1	T__			md__ ML	1.8
ABH	0.94	329.6	Sg	03:22:47.920	0.2	T__			m__	
BUCH	0.94	131.2	Pg	03:22:35.980	0.4	T__			m__ ML	2.5
ROTE	0.96	164.3	Pg	03:22:35.920	0.1	T__			m__ ML	2.7
MILB	1.00	40.6	Pg	03:22:36.720	0.1	T__			m__ ML	2.1
MILB	1.00	40.6	Sg	03:22:49.452	-0.1	___	44.8	0.17	m_e	
MSS	1.00	153.2	Pn	03:22:36.110	-0.8	T__			md__	
MSS	1.00	153.2	Pg	03:22:36.790	0.1	T__			m__	
MSS	1.00	153.2	Sg	03:22:49.840	0.1	T__			m__	
FREU	1.01	145.8	Pn	03:22:36.270	-0.8	T__			m__ ML	2.2
FREU	1.01	145.8	Sg	03:22:49.960	-0.0	T__			m__	
GWBE	1.03	356.3	Pg	03:22:36.615	-0.6	___			m_e	
GWBE	1.03	356.3	Sg	03:22:49.833	-0.9	___			m_e	
GWBD	1.07	346.7	Pg	03:22:37.036	-0.9	___			m_e	
GWBD	1.07	346.7	Sg	03:22:50.956	-0.8	___	8.2	0.26	m_e	
ZWI	1.12	136.4	Pg	03:22:38.980	0.0	T__			m__ ML	2.2
ECH	1.14	221.3	Pg	03:22:39.200	0.0	T__			m__ ML	1.9
KIZ	1.14	192.4	Pn	03:22:37.680	-1.2	T__			m__ ML	2.3
KIZ	1.14	192.4	Sg	03:22:54.040	-0.2	T__			m__	
GUT	1.14	151.0	Pn	03:22:38.100	-0.8	T__			m__ ML	2.2
GUT	1.14	151.0	Pg	03:22:39.420	0.1	T__			m__	
GUT	1.14	151.0	Sn	03:22:52.940	-0.9	T__			m__	
GUT	1.14	151.0	Sg	03:22:54.500	0.3	T__			m__	
TNS	1.15	5.2	Pg	03:22:38.704	-0.8	___			m_e	
TNS	1.15	5.2	Sg	03:22:53.850	-0.6	___	14.3	0.67	m_e	
RIVT	1.17	303.2	Sn	03:22:54.290	-0.2	T__			m__ ML	2.0
BERGE	1.21	183.4	Pn	03:22:38.750	-0.9	T__			m__ ML	2.0
BERGE	1.21	183.4	Sg	03:22:53.854	-2.3	___			m_e	
EMING	1.24	162.2	Pn	03:22:39.390	-0.7	T__			m__ ML	2.1
EMING	1.24	162.2	Sg	03:22:57.300	0.2	T__			m__	
BGG	1.29	331.9	Pg	03:22:42.580	0.6	T__			m__	
BGG	1.29	331.9	Sg	03:22:57.145	-1.5	___			m_e	
WALT	1.29	211.4	Pg	03:22:42.170	0.0	T__			m__ ML	2.2
WOER	1.30	91.8	Sg	03:22:58.530	-0.6	T__			m__ ML	2.7
SLE	1.32	173.9	Pn	03:22:40.280	-0.9	T__			md__ ML	2.1
SLE	1.32	173.9	Sn	03:22:56.320	-1.5	T__			m__	
GWBC	1.32	359.6	Sg	03:22:57.561	-2.1	___	18.4	0.14	m_e	
WMG	1.34	294.2	Sg	03:22:59.870	-0.7	T__			m__ ML	1.9
HDH	1.36	110.5	Pg	03:22:43.470	0.1	___			m__	
HDH	1.36	110.5	Sg	03:23:00.780	-0.2	___			m__	
KOGO	1.36	337.3	Pg	03:22:43.510	0.1	___			m__ ML	2.0
METMA	1.36	180.9	Pn	03:22:40.720	-1.1	___			m__ ML	2.2
METMA	1.36	180.9	Sn	03:22:57.060	-1.9	___			m__	
ENDD	1.41	195.1	Pn	03:22:40.930	-1.5	___			m__ ML	2.2
ENDD	1.41	195.1	Sg	03:23:01.910	-0.6	___			m__	
WALHA	1.43	156.8	Pg	03:22:44.840	0.0	___			m__ ML	2.3
WALHA	1.43	156.8	Sg	03:23:03.920	0.5	___			m__	
STEIN	1.46	164.3	Pg	03:22:45.730	0.5	___			m__	
GLOK	1.57	339.9	Pg	03:22:44.612	-2.7	___			m_e	



GLOK	5.53	262.8	Sn	08:25:50.307	7.7	---	12.3	0.81	m_e
BGG	5.68	259.7	Pn	08:24:46.376	1.1	---			m_e

Event 30103004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/01/03	21:04:59.61	2.26	2.25	51.6618	16.3771	30.0	14.1	095	0.0	0.0	12	0	025			m i sr	ZAMG	30103014
2023/01/03	21:05:00.61	0.39	0.77	51.5510	16.0810	5.6	2.2	008	1.0f		32	15	201	0.72	3.60	m i ki	BGR	30103004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.5	0.2	15 ZAMG	30103014
ML	3.5	0.3	15 BGR	30103004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.72	169.3	Pg	21:05:15.240	1.1					T__				m_e ML	2.6
DPC	1.21	172.7	Pg	21:05:23.960	0.5					T__				m_e ML	3.5
DPC	1.21	172.7	Sg	21:05:39.845	0.8					T__				m_e	
BRG	1.50	244.0	Pn	21:05:27.254	-0.7					T__				m_e ML	3.2
BRG	1.50	244.0	Pg	21:05:28.569	-0.3					T__				m_e	
BRG	1.50	244.0	Sg	21:05:48.777	0.5					T__				m_e	
CLL	1.93	264.0	Pn	21:05:32.986	-0.8					T__				m_e ML	3.3
CLL	1.93	264.0	Sg	21:06:01.445	-0.6					T__				m_e	
MORC	2.00	151.9	Pn	21:05:35.066	0.4					T__				m_e ML	3.7
MORC	2.00	151.9	Sg	21:06:03.740	-0.4					T__				m_e	
OKC	2.16	141.8	Pn	21:05:36.368	-0.4					T__				m_e ML	3.0
OKC	2.16	141.8	Pg	21:05:41.400	0.2					T__				m_e	
TANN	2.55	244.9	Pn	21:05:42.297	0.2					T__				m_e ML	3.6
TANN	2.55	244.9	Pg	21:05:49.485	0.9					T__				m_e	
TANN	2.55	244.9	Sg	21:06:22.055	0.6					T__				m_e	
WERD	2.62	246.6	Pn	21:05:42.608	-0.5					T__				m_e ML	3.4
WERD	2.62	246.6	Pg	21:05:50.518	0.6					T__				m_e	
WERD	2.62	246.6	Sg	21:06:24.003	0.2					T__				m_e	
OJC	2.70	118.1	Pn	21:05:42.460	-1.7					T__				m_e ML	3.5
OJC	2.70	118.1	Pg	21:05:50.925	-0.5					T__				m_e	
MANZ	2.96	239.6	Pn	21:05:48.390	0.7					T__				m_e ML	3.6
MANZ	2.96	239.6	Pg	21:05:56.702	0.3					T__				m_e	
MANZ	2.96	239.6	Sg	21:06:34.968	0.3					T__				m_e	
ROTZ	3.03	235.5	Pn	21:05:48.991	0.3					T__				m_e ML	3.5
ROTZ	3.03	235.5	Sg	21:06:36.539	-0.5					T__				m_e	
GEC2	3.10	210.3	Pn	21:05:50.456	0.8					T__				m_e ML	3.5
GEC2	3.10	210.3	Pg	21:05:57.142	-2.0					T__				m_e	
WET	3.16	221.6	Pn	21:05:50.933	0.6					T__				m_e ML	3.5
WET	3.16	221.6	Sg	21:06:41.090	0.2					T__				m_e	
CLZ	3.55	276.9	Pn	21:05:56.589	0.9					T__				m_e ML	3.7
GRA1	3.60	240.8	Pn	21:05:57.375	1.0					T__				m_e ML	4.1
GRA1	3.60	240.8	Sg	21:06:53.994	-0.9					T__				m_e	

Event 30104003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/01/04	11:57:14.78	1.23	2.27	51.4744	16.1430	9.8	7.5	054	0.0	0.0	12	0	020			m i sr	ZAMG	30104013
2023/01/04	11:57:14.52	0.82	1.18	51.5090	16.1510	18.9	5.6	005	1.0f		13	11	213	0.67	3.62	m i ki	BGR	30104003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.1	19 ZAMG	30104013
ML	3.7	0.3	11 BGR	30104003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.67	172.3	Pg	11:57:27.351	0.2					T__				m_e ML	2.8
DPC	1.16	174.6	Pg	11:57:36.207	-0.2					T__				m_e ML	3.8
BRG	1.52	246.2	Sg	11:58:03.684	0.8					T__				m_e ML	3.5
MORC	1.94	152.5	Pn	11:57:47.628	-0.2					T__				m_e ML	3.9
CLL	1.97	265.4	Pn	11:57:47.716	-0.5					T__				m_e ML	3.5
OJC	2.64	117.8	Sg	11:58:39.471	1.1					T__				m_e ML	3.8
WERD	2.64	247.8	Sg	11:58:40.560	2.1					T__				m_e ML	3.6
MANZ	2.98	240.8	Pn	11:58:02.798	1.0					T__				m_e ML	3.8
MANZ	2.98	240.8	Pg	11:58:09.461	-1.1					T__				m_e	
ROTZ	3.05	236.7	Pn	11:58:03.620	0.8					T__				m_e ML	3.6
ROTZ	3.05	236.7	Pg	11:58:10.309	-1.6					T__				m_e	
WET	3.16	222.7	Pn	11:58:04.710	0.5					T__				m_e ML	3.6
GRA1	3.62	241.8	Sg	11:59:10.337	0.9					T__				m_e ML	4.2

Event 30104004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/01/04	11:59:11.98	4.90	2.54	51.3192	15.9716	32.6	20.8	012	0.0	0.0	12	0	020			m i sr	ZAMG	30104014
2023/01/04	11:59:10.07	0.81	0.76	51.5120	16.1620	14.5	4.4	001	1.0f		11	10	213	0.67	3.05	m i ki	BGR	30104004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.1	14 ZAMG	30104014
ML	3.4	0.3	9 BGR	30104004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.67	172.9	Pg	11:59:23.079	0.3					T__				m_e ML	2.7
DPC	1.17	175.0	Pg	11:59:32.032	-0.0					T__				m_e ML	3.8
BRG	1.53	246.2	Pn	11:59:38.962	1.2					T__				m_e ML	3.3
BRG	1.53	246.2	Sg	11:59:59.659	1.0					T__				m_e	
FBE	1.86	252.5	Sg	12:00:08.290	-0.7					T__				m_e ML	3.2
MORC	1.94	152.7	Pn	11:59:43.530	0.2					T__				m_e ML	3.6
CLL	1.98	265.3	Pg	11:59:47.083	-0.3					T__				m_e	
TANN	2.58	246.2	Sg	12:00:31.968	0.1					T__				m_e ML	3.7
OJC	2.63	118.0	Pg	11:59:59.124	-0.6					T__				m_e ML	3.6
MANZ	2.98	240.8	Sg	12:00:46.017	1.2					T__				m_e ML	3.7
ROTZ	3.05	236.7	Sg	12:00:46.081	-1.0					T__				m_e ML	3.4

Event 30114001 Koblenz/Middle Rhine Area

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/01/14	22:52:11.50	0.71	0.41	50.3900	7.3790				14.7	2.2	28	21	107			m i ke	GDNRW	30114041
2023/01/14	22:52:11.80	0.43	0.51	50.3680	7.3650	5.6	4.4	000	10.0f		9	7	115	0.25	1.95	m i ke	BGR	30114031
2023/01/14	22:52:11.80		0.59	50.3800	7.3900				10.0	3.0	52	29	089			m i uk	HLNUG	30114021
2023/01/14	22:52:11.86	0.93	0.35	50.3910	7.3829				3.0	3.0	78	43	050	0.14	1.40	m i ke	BNS	30114011
2023/01/14	22:52:12.34	0.07	0.18	50.3780	7.3760	0.7	0.5	006	9.0	2.0	44	28	059	0.04	0.98	m i ke	LED	30114001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		GDNRW	30114041
ML	2.2	0.2	5 BGR	30114031
ML	2.1	0.2	21 HLNUG	30114021
ML	2.0		BNS	30114011
ML	2.2	0.2	16 LED	30114001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OCHT	0.04	196.7	Pg	22:52:14.060	0.0					T__				mc_ ML	2.3
OCHT	0.04	196.7	Sg	22:52:15.290	0.1					T__				m__	
NICK	0.05	317.4	Pg	22:52:14.490	0.3					T__				md_ ML	2.5
NICK	0.05	317.4	Sg	22:52:15.950	0.5					T__				m__	
OMED	0.09	268.5	Pg	22:52:14.580	0.0					T__				md_	
OMED	0.09	268.5	Sg	22:52:16.080	-0.0					T__				m__	
PROB	0.10	312.8	Pg	22:52:15.010	0.2					T__				md_ ML	2.8
PROB	0.10	312.8	Sg	22:52:16.920	0.4					T__				m__	
BHE	0.13	258.7	Pg	22:52:15.140	-0.1					T__				md_	
BHE	0.13	258.7	Sg	22:52:17.070	-0.1					T__				m__	
PYRM	0.15	202.0	Pg	22:52:15.420	-0.2					T__				mc_ ML	2.4
PYRM	0.15	202.0	Sg	22:52:17.560	-0.2					T__				m__	
BEDO	0.16	59.5	Pg	22:52:15.660	-0.1					T__				md_ ML	3.0
BEDO	0.16	59.5	Sg	22:52:17.870	-0.2					T__				m__	
DEP19	0.16	122.4	Pg	22:52:15.910	0.1					T__				md_	
DEP19	0.16	122.4	Sg	22:52:18.300	0.1					T__				m__	
GLOK	0.17	12.4	Pg	22:52:15.840	-0.1					T__				mc_ ML	2.4
GLOK	0.17	12.4	Sg	22:52:18.100	-0.2					T__				m__	
BGG	0.17	188.3	Pg	22:52:15.860	-0.1					T__				mc_ ML	2.1
BGG	0.17	188.3	Sg	22:52:18.260	-0.2					T__				m__	
LAGB	0.18	264.5	Pg	22:52:15.890	-0.1					T__				md_ ML	2.3
LAGB	0.18	264.5	Sg	22:52:18.250	-0.3					T__				m__	
KOE	0.23	78.4	Pg	22:52:16.880	-0.1					T__				md_ ML	2.0
KOE	0.23	78.4	Sg	22:52:20.020	-0.1					T__				m__	
AHRW	0.25	310.6	Pg	22:52:17.270	-0.0					T__				md_ ML	2.3
AHRW	0.25	310.6	Sg	22:52:20.350	-0.4					T__				m__	
TDN	0.34	305.8	Pg	22:52:18.890	0.0					T__				md_	
TDN	0.34	305.8	Sg	22:52:23.020	-0.4					T__				m__	
NAST	0.36	120.4	Pg	22:52:19.243	-0.0					---				mde ML	2.1
NAST	0.36	120.4	Sg	22:52:23.735	-0.3					---		101.6	0.26	m_e	
FACH	0.39	92.9	Pg	22:52:19.750	-0.2					T__				md_ ML	1.7
FACH	0.39	92.9	Sg	22:52:25.200	0.1					---				m__	
R79BC	0.39	122.9	Pg	22:52:20.700	0.8					---				m__ ML	1.8
R79BC	0.39	122.9	Sg	22:52:25.800	0.7					---				m__	
GWBD	0.43	127.9	Pg	22:52:20.510	-0.0					T__				md_ ML	2.2
GWBD	0.43	127.9	Sg	22:52:25.730	-0.4					T__				m__	
WBS	0.43	352.2	Pg	22:52:20.610	-0.0					---				m_e	
WBS	0.43	352.2	Sg	22:52:25.780	-0.5					---		269.6	0.14	m_e	

HILG	0.45	259.3	Pg	22:52:20.720	-0.3
HILG	0.45	259.3	Sg	22:52:27.050	0.1
BIW	0.46	39.5	Pg	22:52:20.330	-0.8
BIW	0.46	39.5	Sg	22:52:25.968	-1.2
R3B38	0.46	117.5	Pg	22:52:21.900	0.7
R3B38	0.46	117.5	Sg	22:52:27.300	-0.0
R1055	0.48	122.1	Pg	22:52:21.900	0.3
R1055	0.48	122.1	Sg	22:52:27.500	-0.4
ABH	0.51	167.4	Pg	22:52:22.020	-0.0
ABH	0.51	167.4	Sg	22:52:28.000	-0.7
GWBC	0.57	88.2	Pg	22:52:22.770	-0.4
GWBC	0.57	88.2	Sg	22:52:30.192	-0.4
GWBE	0.58	117.5	Pg	22:52:23.100	-0.3
GWBE	0.58	117.5	Sg	22:52:29.600	-1.4
GWBO	0.59	138.2	Pg	22:52:23.657	0.1
GWBO	0.59	138.2	Sg	22:52:31.120	-0.2
BNS	0.60	347.8	Pg	22:52:23.453	-0.3
BNS	0.60	347.8	Sg	22:52:31.335	-0.2
HOBG	0.61	357.4	Pg	22:52:23.494	-0.4
HOBG	0.61	357.4	Sg	22:52:30.957	-0.8
OLFT	0.62	281.1	Pg	22:52:23.820	-0.3
OLFT	0.62	281.1	Sg	22:52:31.610	-0.6
WBFO	0.69	73.2	Pg	22:52:24.767	-0.8
WBFO	0.69	73.2	Sg	22:52:34.599	0.0
TNS	0.70	102.4	Pg	22:52:25.320	-0.3
TNS	0.70	102.4	Sg	22:52:35.874	1.1
PLH	0.72	330.8	Pg	22:52:25.688	-0.3
PLH	0.72	330.8	Sg	22:52:34.789	-0.5
GSH	0.73	299.9	Pg	22:52:26.055	-0.1
GSH	0.73	299.9	Sg	22:52:35.402	-0.2
KLL	0.73	292.0	Pg	22:52:25.660	-0.5
KLL	0.73	292.0	Sg	22:52:36.133	0.5
BODE	0.75	128.0	Pg	22:52:26.640	0.0
BODE	0.75	128.0	Sg	22:52:35.500	-0.9
RIVT	0.78	210.6	Pg	22:52:25.880	-1.2
DREG	0.78	291.7	Pg	22:52:26.709	-0.4
DREG	0.78	291.7	Sg	22:52:37.708	0.4
MRG	0.84	279.6	Pg	22:52:27.458	-0.8
MRG	0.84	279.6	Sg	22:52:39.549	0.4
RIED	0.85	128.9	Pg	22:52:29.100	0.7
RIED	0.85	128.9	Sg	22:52:40.000	0.6
IMS	0.85	156.5	Pg	22:52:28.340	-0.2
IMS	0.85	156.5	Sg	22:52:39.800	0.2
KLB	0.86	251.6	Pg	22:52:27.562	-1.0
VIA	0.87	240.0	Pg	22:52:28.591	-0.2
VIA	0.87	240.0	Sg	22:52:40.486	0.3
HOU	0.87	269.0	Pg	22:52:28.013	-0.9
HOU	0.87	269.0	Sg	22:52:40.795	0.5
MEM	0.90	285.4	Pg	22:52:28.870	-0.5
MEM	0.90	285.4	Sg	22:52:41.255	0.2
DREI	0.95	111.6	Pg	22:52:29.900	-0.4
DREI	0.95	111.6	Sg	22:52:41.600	-1.0
WILW	0.96	246.8	Sg	22:52:43.339	0.4
WBB	0.98	122.5	Pg	22:52:30.470	-0.5

T__									md_		
T__									m__		
T__									m__ ML	2.1	
___	45.0	0.16							m_e		
___									m__ ML	2.0	
___									m__		
___									m__		
T__									mc_ ML	2.0	
___									m__		
T__									m__ ML	2.3	
___	102.3	0.18							m_e		
T__									md_ ML	2.4	
___									m__		
___									m_e		
T__									m__		
___									m_e		
___	88.9	0.33							m_e		
___									mce		
___	98.0	0.26							m_e		
___									m_e		
___	50.2	0.20							m_e		
___									m_e ML	2.2	
___	49.8	0.17							m_e		
T__									m__ ML	2.1	
___	61.2	0.17							m_e		
___									m_e		
___	89.7	0.20							m_e		
___									m_e ML	2.5	
___	47.9	0.16							m_e		
___									m_e		
___	19.7	0.35							m_e		
T__									m__ ML	2.2	
___									m__		
T__									mc_ ML	2.3	
___									mce		
___	34.0	0.49							m_e		
___									m_e		
___	34.8	0.31							m_e		
___									m__ ML	2.6	
___									m__		
T__									m__ ML	2.6	
___									m__		
___									m_e		
___									m_e		
___	80.3	0.50							m_e		
___									m_e		
___	77.0	0.00							m_e		
T__									m__		
___	26.8	0.52							m_e		
___									m__ ML	2.3	
___									m__		
___	37.9	0.17							m_e		
T__									m__ ML	1.9	

WBB	0.98	122.5	Sg	22:52:43.000	-0.7	---												m_	
MAME	0.99	295.9	Sg	22:52:43.999	0.2	---								61.6	0.21			m_e	
HGN	1.00	293.4	Pg	22:52:30.803	-0.4	---												m_e	
HGN	1.00	293.4	Sg	22:52:44.677	0.6	---												m_e	
EBSO	1.00	70.5	Pg	22:52:30.700	-0.6	---												m_ ML	2.2
EBSO	1.00	70.5	Sg	22:52:44.300	-0.0	---												m_	
TERZ	1.01	292.7	Sg	22:52:44.492	0.0	---												m_e	
LAUG	1.01	344.4	Pg	22:52:30.949	-0.5	---												m_e	
LAUG	1.01	344.4	Sg	22:52:44.346	-0.2	---								37.5	0.26			m_e	
HES	1.01	348.1	Pg	22:52:30.757	-0.7	---												m_e	
HES	1.01	348.1	Sg	22:52:44.484	-0.1	---								40.2	0.31			m_e	
MESS	1.01	117.6	Pg	22:52:31.100	-0.4	---												m_ ML	2.4
MESS	1.01	117.6	Sg	22:52:43.600	-1.0	---												m_	
SORT	1.04	20.9	Pg	22:52:31.200	-0.8	---												mce	
SORT	1.04	20.9	Sg	22:52:45.160	-0.4	---								78.9	0.50			m_e	
BPFI	1.04	354.9	Pg	22:52:31.391	-0.7	---												m_e	
BPFI	1.04	354.9	Sg	22:52:45.123	-0.5	---												m_e	
ERNH	1.05	124.0	Pg	22:52:32.100	-0.2	---												m_ ML	2.5
ERNH	1.05	124.0	Sg	22:52:38.800	-7.2	---												m_	
KAST	1.05	38.2	Pg	22:52:31.046	-1.2	---												m_e ML	2.5
KAST	1.05	38.2	Sg	22:52:45.502	-0.5	---								57.0	0.29			m_e	
WLF	1.06	228.2	Pg	22:52:31.027	-1.4	---												m_e	
VKB	1.12	296.5	Pg	22:52:33.153	-0.4	---												m_e	
VKB	1.12	296.5	Sg	22:52:47.769	-0.3	---								59.9	0.67			m_e	
BEBN	1.16	291.9	Pg	22:52:33.348	-0.8	---												m_e	
BEBN	1.16	291.9	Sg	22:52:49.202	0.0	---								45.5	0.44			m_e	
GWBF	1.20	72.3	Pg	22:52:34.700	-0.2	---												m_	
WBG	1.28	98.6	Pg	22:52:34.700	-1.7	---												m_ ML	2.5
OPTB	1.32	304.3	Sg	22:52:53.228	-1.2	---								25.3	0.50			m_e	
MILB	1.35	113.4	Pg	22:52:36.172	-1.6	---												m_e ML	2.5
MILB	1.35	113.4	Sg	22:52:53.150	-2.0	---								31.7	0.52			m_e	
RCHB	1.39	261.6	Pg	22:52:37.267	-1.3	---												m_e	
UBBA	1.72	74.2	Sg	22:53:07.049	-0.1	---												m_e ML	2.0
IBBN	1.94	6.9	Sg	22:53:14.228	0.1	---												m_e ML	2.5

Event 30114007 Koblenz/Middle Rhine Area

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/01/14	22:52:18.30	0.75	0.41	50.3920	7.3810				11.7	3.8	27	21	107			m i ke	GDNRW	30114047
2023/01/14	22:52:18.70	0.41	0.57	50.3640	7.3340	5.6	4.4	030	10.0f		9	6	116	0.24	1.96	m i ke	BGR	30114037
2023/01/14	22:52:18.10	0.30	1.68	50.3700	7.3100				10.0f		19	12	115			m i ke	HLNUG	30114027
2023/01/14	22:52:18.39	0.97	0.37	50.3870	7.3838				3.6	2.5	48	31	060	0.13	1.40	m i ke	BNS	30114017
2023/01/14	22:52:18.81	0.10	0.18	50.3770	7.3760	0.8	0.6	033	9.0	2.0	30	17	060	0.04	0.78	m i ke	LED	30114007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		GDNRW	30114047
ML	2.0	0.2	3 BGR	30114037
ML	2.1	0.2	10 HLNUG	30114027
ML	2.1		BNS	30114017
ML	2.4	0.2	11 LED	30114007



Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OCHT	0.04	197.1	Pg	22:52:20.480	-0.0					T__				mc_	ML 2.3
OCHT	0.04	197.1	Sg	22:52:21.740	0.1					T__				m__	
NICK	0.06	318.1	Pg	22:52:20.900	0.2					T__				md_	ML 2.5
NICK	0.06	318.1	Sg	22:52:22.360	0.4					T__				m__	
OMED	0.09	269.2	Pg	22:52:21.010	-0.0					T__				m__	ML 3.1
OMED	0.09	269.2	Sg	22:52:22.520	-0.0					T__				m__	
PROB	0.10	313.2	Pg	22:52:21.420	0.1					T__				md_	ML 2.8
PROB	0.10	313.2	Sg	22:52:23.320	0.3					T__				m__	
BHE	0.13	259.2	Pg	22:52:21.580	-0.1					T__				m__	
BHE	0.13	259.2	Sg	22:52:23.460	-0.2					T__				m__	
PYRM	0.15	202.1	Pg	22:52:21.850	-0.2					T__				mc_	ML 2.4
PYRM	0.15	202.1	Sg	22:52:23.980	-0.3					T__				m__	
BEDO	0.16	59.2	Sg	22:52:24.320	-0.3					T__				m__	ML 3.0
DEP19	0.16	122.1	Pg	22:52:22.360	0.1					T__				md_	
DEP19	0.16	122.1	Sg	22:52:24.740	0.1					T__				m__	
GLOK	0.17	12.3	Pg	22:52:22.250	-0.1					T__				m__	ML 2.4
GLOK	0.17	12.3	Sg	22:52:24.490	-0.3					T__				m__	
BGG	0.17	188.4	Pg	22:52:22.270	-0.2					T__				mc_	ML 2.0
BGG	0.17	188.4	Sg	22:52:24.670	-0.2					T__				m__	
LAGB	0.18	264.8	Pg	22:52:22.310	-0.2					T__				md_	ML 2.3
LAGB	0.18	264.8	Sg	22:52:24.680	-0.3					T__				m__	
KOE	0.23	78.1	Pg	22:52:23.310	-0.1					T__				md_	ML 2.1
KOE	0.23	78.1	Sg	22:52:26.400	-0.2					T__				m__	
AHRW	0.25	310.8	Pg	22:52:23.610	-0.2					T__				m__	ML 2.3
AHRW	0.25	310.8	Sg	22:52:26.750	-0.5					T__				m__	
TDN	0.34	305.9	Pg	22:52:25.350	-0.0					T__				m__	
TDN	0.34	305.9	Sg	22:52:29.350	-0.5					T__				m__	
R79BC	0.39	122.8	Pg	22:52:28.000	1.6					___				m__	ML 2.0
R79BC	0.39	122.8	Sg	22:52:33.100	1.5					___				m__	
FACH	0.39	92.8	Pg	22:52:28.000	1.6					___				m__	ML 2.0
FACH	0.39	92.8	Sg	22:52:31.600	-0.0					___				m__	
GWBD	0.43	127.8	Sg	22:52:32.440	-0.2					T__				m__	ML 1.9
WBS	0.43	352.2	Pg	22:52:26.770	-0.3					___				m_e	
WBS	0.43	352.2	Sg	22:52:32.230	-0.6					___		443.6	0.34	m_e	
HILG	0.45	259.5	Sg	22:52:33.030	-0.4					T__				m__	
BIW	0.46	39.5	Sg	22:52:32.460	-1.2					___				m_e	
GWBE	0.58	117.4	Pg	22:52:33.000	3.1					___				m__	ML 2.0
BNS	0.60	347.8	Pg	22:52:30.093	-0.1					___				m_e	
BNS	0.60	347.8	Sg	22:52:38.274	0.2					___		111.9	0.35	m_e	
HOBG	0.61	357.4	Pg	22:52:30.116	-0.2					___				m_e	
HOBG	0.61	357.4	Sg	22:52:37.365	-0.9					___		131.5	0.35	m_e	
WBFO	0.69	73.1	Pg	22:52:36.200	4.2					___				m__	ML 2.2
WBFO	0.69	73.1	Sg	22:52:43.100	2.1					___				m__	
TNS	0.70	102.3	Pg	22:52:36.300	4.2					___				m__	ML 2.3
TNS	0.70	102.3	Sg	22:52:42.241	1.0					___				m_e	
PLH	0.72	330.9	Sg	22:52:41.866	0.1					___		97.9	0.41	m_e	
GSH	0.73	299.9	Sg	22:52:41.950	-0.1					___		72.8	0.34	m_e	
KLL	0.73	292.1	Sg	22:52:43.035	0.9					___		35.0	0.19	m_e	
BODE	0.75	127.9	Sg	22:52:44.400	1.6					___				m__	ML 2.2
RIVT	0.78	210.6	Pg	22:52:33.300	-0.2					T__				m__	ML 2.3
DREG	0.78	291.8	Pg	22:52:33.192	-0.4					___				m_e	
DREG	0.78	291.8	Sg	22:52:43.717	-0.1					___		42.3	0.17	m_e	
MRG	0.84	279.7	Pg	22:52:34.594	-0.1					___				m_e	



GUT	0.37	36.9	Pg	20:47:06.600	0.0	T__	md_ ML	2.5
GUT	0.37	36.9	Sg	20:47:11.750	0.4	T__	m__	
WILA	0.37	167.0	Pg	20:47:06.820	0.2	T__	md_ ML	1.8
WILA	0.37	167.0	Sg	20:47:12.270	0.8	T__	m__	
ROTE	0.38	348.7	Pg	20:47:06.900	0.0	T__	md_ ML	2.1
ROTE	0.38	348.7	Sg	20:47:12.860	1.0	T__	m__	
BERGE	0.42	283.4	Pg	20:47:07.650	0.2	T__	mc_ ML	2.2
BERGE	0.42	283.4	Sg	20:47:13.450	0.5	T__	m__	
MSS	0.42	16.4	Pg	20:47:07.660	0.1	T__	md_ ML	2.0
MSS	0.42	16.4	Sg	20:47:13.420	0.4	T__	m__	
ROMAN	0.43	119.5	Pg	20:47:07.790	0.1	T__	mc_ ML	2.1
ROMAN	0.43	119.5	Sg	20:47:13.910	0.7	T__	m__	
SULZ	0.52	241.6	Pg	20:47:09.530	0.2	T__	mc_ ML	2.1
SULZ	0.52	241.6	Sg	20:47:16.750	0.8	T__	m__	
IRRE	0.52	11.9	Pg	20:47:09.470	0.1	T__	md_ ML	1.9
FREU	0.52	27.0	Pg	20:47:09.410	0.1	T__	md_ ML	2.1
FREU	0.52	27.0	Sg	20:47:16.220	0.2	T__	m__	
FREU	0.52	27.0	SmS	20:47:21.250	-0.8	T__	m__	
FELD	0.53	281.1	Pg	20:47:09.770	0.1	T__	mc_ ML	2.2
FELD	0.53	281.1	Sg	20:47:17.040	0.5	T__	m__	
TETT	0.57	101.4	Pg	20:47:10.640	0.3	T__	m__ ML	1.7
TETT	0.57	101.4	SmS	20:47:23.060	-0.3	T__	m__	
KIZ	0.61	287.6	Pg	20:47:11.090	0.0	T__	mc_ ML	2.3
KIZ	0.61	287.6	SmS	20:47:22.510	-1.8	T__	m__	
BFO	0.63	331.4	Pg	20:47:11.440	-0.1	T__	md_ ML	2.5
BFO	0.63	331.4	PmP	20:47:13.510	-1.1	T__	m__	
BFO	0.63	331.4	SmS	20:47:23.310	-1.5	T__	m__	
ZWI	0.65	42.5	Pg	20:47:11.870	-0.0	T__	m__ ML	2.4
ZWI	0.65	42.5	Sg	20:47:20.770	0.4	T__	m__	
FBB	0.66	290.2	Pg	20:47:12.250	0.2	T__	md_ ML	2.5
FBB	0.66	290.2	SmS	20:47:24.030	-1.6	T__	m__	
LIENZ	0.68	134.8	Pg	20:47:12.970	0.6	T__	mc_ ML	2.3
LIENZ	0.68	134.8	Sg	20:47:22.710	1.6	T__	m__	
LIENZ	0.68	134.8	SmS	20:47:26.280	0.2	T__	m__	
A104C	0.68	58.7	Sg	20:47:22.140	0.9	T__	m__	
A104C	0.68	58.7	SmS	20:47:25.530	-0.6	T__	m__	
ENDD	0.71	265.4	Pg	20:47:12.910	0.0	T__	mc_ ML	2.6
ENDD	0.71	265.4	PmP	20:47:14.490	-1.2	T__	m__	
ENDD	0.71	265.4	Sg	20:47:23.140	1.1	T__	m__	
ENDD	0.71	265.4	SmS	20:47:25.180	-1.6	T__	m__	
HAUIG	0.74	261.4	Pg	20:47:13.630	0.1	T__	mc_	
HAUIG	0.74	261.4	Sg	20:47:23.800	0.7	T__	m__	
HAUIG	0.74	261.4	SmS	20:47:26.210	-1.4	T__	m__	
TUBL	0.77	14.8	Pg	20:47:13.940	-0.2	T__	m__ ML	2.3
TUBL	0.77	14.8	Sg	20:47:24.420	0.3	T__	m__	
BUCH	0.77	29.2	Sg	20:47:25.050	0.9	T__	m__ ML	2.9
BUCH	0.77	29.2	SmS	20:47:27.660	-0.9	T__	m__	
VOGT	0.81	292.7	Pg	20:47:15.820	1.0	T__	m__ ML	2.7
VOGT	0.81	292.7	SmS	20:47:28.060	-1.4	T__	m__	
MUTEZ	0.81	251.0	Pg	20:47:15.010	0.2	T__	mc_	
MUTEZ	0.81	251.0	Sg	20:47:26.070	0.7	T__	m__	
MUTEZ	0.81	251.0	SmS	20:47:28.720	-0.8	T__	m__	
OPP	0.82	331.3	Pg	20:47:14.960	-0.1	T__	md_ ML	2.3
OPP	0.82	331.3	PmP	20:47:15.970	-1.6	T__	m__	

PLONS	0.83	150.7	Pg	20:47:15.542	0.3	___	m_e		
BALST	0.86	239.5	Sg	20:47:27.840	1.0	T__	m__ ML	2.6	
BALST	0.86	239.5	SmS	20:47:29.640	-1.2	T__	m__		
UBR	0.90	95.6	Pg	20:47:16.870	0.4	T__	mc_ ML	2.3	
UBR	0.90	95.6	Sg	20:47:29.360	1.3	T__	m__		
GALG	1.01	359.9	Pg	20:47:18.410	-0.2	T__	m__ ML	2.1	
GALG	1.01	359.9	PmP	20:47:19.150	-1.5	T__	m__		
GALG	1.01	359.9	Sg	20:47:32.040	0.4	T__	m__		
BABA	1.02	337.5	PmP	20:47:19.300	-1.6	T__	m__ ML	2.5	
BABA	1.02	337.5	SmS	20:47:33.580	-1.9	T__	m__		
WALT	1.03	281.2	Pn	20:47:19.170	-0.7	T__	m__ ML	2.3	
OBER	1.08	109.4	Pg	20:47:20.810	0.8	T__	m__ ML	2.5	
BOURR	1.11	250.6	Pn	20:47:20.280	-0.7	T__	mc_ ML	2.3	
ECH	1.17	292.6	Pn	20:47:21.720	-0.1	T__	m__ ML	2.6	
ECH	1.17	292.6	Sg	20:47:37.660	0.8	T__	m__		
URBA	1.19	26.4	Pn	20:47:20.700	-1.3	T__	md_ ML	2.2	
URBA	1.19	26.4	Pg	20:47:22.190	0.2	T__	m__		
URBA	1.19	26.4	Sn	20:47:36.940	-0.9	T__	m__		
HOHE	1.24	316.0	Sg	20:47:39.710	0.9	T__	m__ ML	2.7	
BRET	1.24	357.1	Pg	20:47:23.280	0.4	T__	m__ ML	2.2	
BRET	1.24	357.1	Sn	20:47:37.850	-1.2	T__	m__		
BRET	1.24	357.1	Sg	20:47:39.970	1.0	T__	m__		
NEEW	1.26	339.3	Sg	20:47:41.710	2.0	___	m__ ML	2.7	
RETA	1.36	101.5	Pg	20:47:25.670	0.4	___	m__ ML	2.3	
RETA	1.36	101.5	Sg	20:47:44.800	1.9	___	m__		
PEB	1.47	331.6	Pn	20:47:25.240	-0.6	___	m__ ML	2.4	
PEB	1.47	331.6	Pg	20:47:27.450	0.2	___	m__		
PEB	1.47	331.6	Sg	20:47:46.620	0.3	___	m__		
CHMF	1.53	250.7	Pn	20:47:25.910	-0.8	___	m__ ML	2.3	
CHMF	1.53	250.7	Pg	20:47:28.580	0.1	___	m__		
CHMF	1.53	250.7	Sg	20:47:48.430	0.1	___	m__		
WOER	1.58	37.8	Sg	20:47:49.670	-0.2	___	m__ ML	2.3	
VOEL	1.62	317.8	Sg	20:47:51.170	0.0	___	m__ ML	2.1	

Event 30116003 Singen/Hohentwiel, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/01/16	23:01:13.80	0.20	0.92	47.7856	8.7842	1.8	1.2	018	2.0	0.0	18	5	013			m i uk	ZAMG	30116023
2023/01/16	23:01:14.23	0.22	0.51	47.7840	8.7840	2.2	2.2	006	10.0f		26	15	072	0.12	1.54	m i ke	BGR	30116013
2023/01/16	23:01:13.97	0.05	0.21	47.7760	8.7860	0.6	0.5	336	6.0	2.0	65	36	072	0.12	1.58	m i ke	LED	30116003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	5 ZAMG	30116023
ML	1.6	0.4	11 BGR	30116013
ML	1.7	0.2	36 LED	30116003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STEIN	0.12	152.3	Pg	23:01:16.450	0.0					T__				md_ ML	1.9
STEIN	0.12	152.3	Sg	23:01:18.520	0.4					T__				m__	
EMING	0.13	18.9	Pg	23:01:16.500	-0.1					T__				md_ ML	1.9
EMING	0.13	18.9	Sg	23:01:18.550	0.2					T__				m__	

SLE	0.20	267.3	Pg	23:01:17.900	0.1	T__	mc_ ML	1.3
SLE	0.20	267.3	Sg	23:01:20.800	0.3	T__	m__	
WALHA	0.23	95.7	Pg	23:01:18.420	0.0	T__	mc_ ML	1.4
METMA	0.36	260.1	Pg	23:01:20.930	0.0	T__	mc_ ML	1.2
METMA	0.36	260.1	Sg	23:01:25.930	0.3	T__	m__	
GUT	0.37	36.7	Pg	23:01:21.050	0.1	T__	md_ ML	1.9
GUT	0.37	36.7	Sg	23:01:26.250	0.5	T__	m__	
WILA	0.37	167.2	Pg	23:01:21.270	0.2	T__	md_ ML	1.4
WILA	0.37	167.2	Sg	23:01:26.820	1.0	T__	m__	
ROTE	0.38	348.5	Pg	23:01:21.340	0.0	T__	md_ ML	1.6
MSS	0.42	16.2	Pg	23:01:22.110	0.2	T__	md_ ML	1.5
MSS	0.42	16.2	Sg	23:01:27.870	0.5	T__	m__	
BERGE	0.42	283.4	Pg	23:01:22.110	0.2	T__	mc_ ML	1.5
BERGE	0.42	283.4	Sg	23:01:27.900	0.5	T__	m__	
ROMAN	0.43	119.6	Pg	23:01:22.220	0.1	T__	m__ ML	1.6
ROMAN	0.43	119.6	Sg	23:01:28.350	0.7	T__	m__	
FREU	0.52	26.9	Pg	23:01:23.890	0.1	T__	md_ ML	1.5
FREU	0.52	26.9	Sg	23:01:30.430	-0.0	T__	m__	
FREU	0.52	26.9	SmS	23:01:35.700	-0.8	T__	m__	
IRRE	0.52	11.8	Pg	23:01:23.930	0.2	T__	md_ ML	1.3
SULZ	0.52	241.7	Pg	23:01:24.000	0.2	T__	mc_ ML	1.5
SULZ	0.52	241.7	Sg	23:01:31.170	0.7	T__	m__	
FELD	0.53	281.1	Pg	23:01:24.230	0.1	T__	mc_ ML	1.6
FELD	0.53	281.1	Sg	23:01:31.510	0.5	T__	m__	
TETT	0.57	101.5	SmS	23:01:37.530	-0.2	T__	m__ ML	1.5
KIZ	0.61	287.5	Pg	23:01:25.540	0.0	T__	mc_ ML	1.8
KIZ	0.61	287.5	SmS	23:01:36.970	-1.8	T__	m__	
BFO	0.63	331.3	Pg	23:01:25.865	-0.1	__	m_e ML	1.9
BFO	0.63	331.3	PmP	23:01:27.960	-1.0	T__	m__	
BFO	0.63	331.3	Sg	23:01:35.570	1.4	__	m_e	
BFO	0.63	331.3	SmS	23:01:37.870	-1.4	T__	m__	
ZWI	0.65	42.4	Sg	23:01:35.110	0.3	T__	m__ ML	1.9
LIENZ	0.68	134.9	Pg	23:01:27.470	0.7	T__	m__ ML	1.7
LIENZ	0.68	134.9	Sg	23:01:37.130	1.6	T__	m__	
LIENZ	0.68	134.9	SmS	23:01:40.700	0.3	T__	m__	
A104C	0.68	58.7	Sg	23:01:36.620	1.0	T__	m__	
A104C	0.68	58.7	SmS	23:01:40.010	-0.5	T__	m__	
ENDD	0.71	265.4	Pg	23:01:27.390	0.1	T__	mc_ ML	2.1
ENDD	0.71	265.4	PmP	23:01:28.940	-1.2	T__	m__	
ENDD	0.71	265.4	Sg	23:01:37.070	0.6	T__	m__	
ENDD	0.71	265.4	SmS	23:01:39.630	-1.6	T__	m__	
HAUIG	0.74	261.4	Pg	23:01:28.097	0.1	__	m_e ML	2.1
HAUIG	0.74	261.4	PmP	23:01:29.580	-1.1	T__	m__	
HAUIG	0.74	261.4	Sg	23:01:38.250	0.7	T__	m__	
HAUIG	0.74	261.4	SmS	23:01:40.650	-1.4	T__	m__	
TUBL	0.77	14.7	Sg	23:01:39.130	0.6	T__	m__ ML	1.8
TUBL	0.77	14.7	SmS	23:01:41.080	-1.9	T__	m__	
BUCH	0.77	29.1	PmP	23:01:29.970	-1.2	T__	m__ ML	2.3
BUCH	0.77	29.1	SmS	23:01:42.110	-0.9	T__	m__	
VOGT	0.81	292.6	SmS	23:01:42.480	-1.4	T__	m__ ML	2.1
MUTEZ	0.81	251.0	Pg	23:01:29.490	0.2	T__	m__	
MUTEZ	0.81	251.0	SmS	23:01:43.230	-0.8	T__	m__	
OPP	0.82	331.2	Pg	23:01:29.460	-0.1	T__	m__ ML	1.7
OPP	0.82	331.2	PmP	23:01:30.410	-1.6	T__	m__	



RETA	1.57	273.9	Pn	00:19:55.788	0.8	T__	m_e
RETA	1.57	273.9	Sg	00:20:17.300	0.1	T__	m_e
WET	1.75	355.6	Pn	00:19:56.452	-0.9	T__	m_e
WET	1.75	355.6	Pg	00:19:59.303	-0.8	T__	m_e

Event 30119004 Enns Valley/A,

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/01/19	21:34:59.22	0.18	0.53	47.5243	14.0262	1.4	1.3	110	4.0	5.3	36	14	020			m i fe	ZAMG	30119014
2023/01/19	21:34:59.85	0.26	0.75	47.5520	14.0510	2.2	2.2	146	10.0f		35	19	099	0.33	3.48	m i ke	BGR	30119004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.3	18 ZAMG	30119014
ML	2.0	0.4	11 BGR	30119004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MOA	0.33	25.8	Pg	21:35:05.830	-0.5					T__				m_e	ML 1.4
MOA	0.33	25.8	Sg	21:35:11.226	0.5					T__				m_e	
RJOB	0.87	282.8	Pg	21:35:16.669	0.4					T__				m_e	
LESA	0.94	262.7	Pg	21:35:16.348	-1.2					T__				m_e	ML 1.5
LESA	0.94	262.7	Sg	21:35:29.923	0.2					T__				m_e	
ARSA	1.04	106.3	Pg	21:35:19.395	-0.1					T__				m_e	ML 1.5
ARSA	1.04	106.3	Sg	21:35:32.728	-0.3					T__				m_e	
OBKA	1.10	161.8	Pg	21:35:20.110	-0.5					T__				m_e	
KW1	1.13	300.8	Pg	21:35:22.575	1.4					T__				m_e	
CKRC	1.28	7.6	Pg	21:35:23.934	-0.1					T__				m_e	ML 2.2
CKRC	1.28	7.6	Sg	21:35:41.534	0.9					T__				m_e	
GEC2	1.31	349.9	Pn	21:35:24.415	0.9					T__				m_e	ML 2.3
GEC2	1.31	349.9	Pg	21:35:24.821	0.1					T__				m_e	
GEC2	1.31	349.9	Sg	21:35:41.742	0.1					T__				m_e	
KHC	1.61	348.9	Pn	21:35:28.951	1.4					T__				m_e	ML 2.0
KHC	1.61	348.9	Pg	21:35:30.194	-0.0					T__				m_e	
KHC	1.61	348.9	Sg	21:35:50.829	-0.2					T__				m_e	
WTTA	1.66	260.9	Pg	21:35:31.133	-0.0					T__				m_e	
WTTA	1.66	260.9	Sg	21:35:54.115	1.5					T__				m_e	
WET	1.77	334.4	Pn	21:35:31.545	1.8					T__				m_e	ML 2.2
WET	1.77	334.4	Pg	21:35:32.736	-0.6					T__				m_e	
WET	1.77	334.4	Sg	21:35:56.386	0.1					T__				m_e	
BE1	1.94	281.7	Pg	21:35:36.515	0.1					T__				m_e	
BE1	1.94	281.7	Sg	21:36:01.699	0.3					T__				m_e	
SQTA	1.95	261.3	Pg	21:35:36.073	-0.6					T__				m_e	ML 2.1
SQTA	1.95	261.3	Sg	21:36:02.106	0.2					T__				m_e	
PART	1.98	269.5	Sg	21:36:03.125	0.2					T__				m_e	ML 2.1
MOTA	2.00	265.2	Sg	21:36:03.817	0.2					T__				m_e	
ZUGS	2.08	267.4	Pg	21:35:38.462	-0.6					T__				m_e	
ZUGS	2.08	267.4	Sg	21:36:06.279	0.3					T__				m_e	
ROTZ	2.53	331.9	Pg	21:35:47.048	-0.5					T__				m_e	ML 2.4
ROTZ	2.53	331.9	Sg	21:36:19.105	-1.1					T__				m_e	
MANZ	2.75	333.0	Pg	21:35:51.018	-0.7					T__				m_e	ML 2.5
MANZ	2.75	333.0	Sg	21:36:26.446	-0.8					T__				m_e	
MOX	3.48	333.6	Sg	21:36:49.246	-1.2					T__				m_e	

Event 30120006 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/01/20	05:10:49.98	1.51	1.63	51.5597	15.9041	11.3	8.7	020	0.0	0.0	14	0	099			m i sr	ZAMG	30120016
2023/01/20	05:10:50.98	0.23	0.61	51.6170	16.0860	3.3	2.2	024	1.0f		36	22	096	0.78	3.55	m i ki	BGR	30120006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.2	16 ZAMG	30120016
ML	3.0	0.3	20 BGR	30120006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.78	170.4	Pg	05:11:05.798	0.0					T__				m_e ML	2.4
KSP	0.78	170.4	Sg	05:11:15.861	-0.0					T__				m_e	
DPC	1.28	173.2	Pg	05:11:14.645	-0.4					T__				m_e ML	3.2
DPC	1.28	173.2	Sg	05:11:31.125	-0.4					T__				m_e	
BRG	1.53	241.8	Pn	05:11:19.340	0.6					T__				m_e ML	2.8
BRG	1.53	241.8	Sn	05:11:38.629	0.2					T__				m_e	
RUE	1.66	302.1	Pn	05:11:20.113	-0.3					T__				m_e ML	2.9
RUE	1.66	302.1	Sn	05:11:40.985	-0.3					T__				m_e	
A807	1.72	287.3	Pn	05:11:20.437	-0.8					T__				m_e ML	3.1
GKP	1.80	22.5	Sg	05:11:48.450	0.4					T__				m_e ML	2.2
CLL	1.95	262.1	Pn	05:11:23.736	-0.6					T__				m_e ML	2.9
CLL	1.95	262.1	Sg	05:11:52.452	-0.3					T__				m_e	
MORC	2.06	152.8	Pn	05:11:25.783	-0.1					T__				m_e ML	3.3
LNIZ	2.20	329.4	Pn	05:11:26.956	-0.7					T__				m_e ML	3.3
OKC	2.21	142.9	Pn	05:11:27.294	-0.6					T__				m_e ML	2.7
OKC	2.21	142.9	Pg	05:11:31.800	-0.8					T__				m_e	
TANN	2.58	243.6	Pn	05:11:33.212	0.3					T__				m_e ML	3.2
TANN	2.58	243.6	Pg	05:11:39.968	0.4					T__				m_e	
TANN	2.58	243.6	Sg	05:12:12.363	-0.5					T__				m_e	
WERD	2.65	245.3	Pn	05:11:34.002	0.2					T__				m_e ML	3.1
WERD	2.65	245.3	Pg	05:11:41.028	0.1					T__				m_e	
WERD	2.65	245.3	Sg	05:12:15.200	0.1					T__				m_e	
OJC	2.73	119.4	Pn	05:11:34.274	-0.6					T__				m_e ML	3.1
OJC	2.73	119.4	Pg	05:11:41.740	-0.6					T__				m_e	
MOX	2.97	252.6	Pn	05:11:38.201	0.0					T__				m_e ML	3.3
MOX	2.97	252.6	Pg	05:11:46.760	-0.2					T__				m_e	
FALKS	2.99	273.1	Pn	05:11:39.192	0.7					T__				m_e ML	3.2
MANZ	3.00	238.6	Pn	05:11:39.559	1.0					T__				m_e	
MANZ	3.00	238.6	Pg	05:11:47.867	0.4					T__				m_e	
FLT1	3.07	285.3	Sg	05:12:27.507	-1.0					T__				m_e ML	3.1
ROTZ	3.08	234.5	Pn	05:11:40.077	0.4					T__				m_e ML	3.1
GEC2	3.16	209.7	Pn	05:11:41.551	0.7					T__				m_e ML	3.1
WET	3.21	220.8	Pn	05:11:42.031	0.6					T__				m_e ML	3.1
NIE	3.47	127.6	Pn	05:11:45.638	0.6					T__				m_e	
NIE	3.47	127.6	Pg	05:11:56.329	-0.1					T__				m_e	
CLZ	3.55	275.9	Pn	05:11:47.324	1.3					T__				m_e ML	3.3



Event 30120001 Rockenhausen/Pfaelzer Bergland, W of Worms

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/01/20	23:13:56.46	0.92	0.39	49.8243	7.6851				7.1	2.1	58	30	197	0.32	3.10	m i ke	BNS	30120031
2023/01/20	23:13:55.90		0.56	49.8200	7.6800				16.0	1.0	96	53	145			m i ke	HLNUG	30120021
2023/01/20	23:13:55.65	0.17	0.42	49.7830	7.6800	1.1	1.1	086	10.0f		47	25	057	0.13	2.24	m i ke	BGR	30120011
2023/01/20	23:13:56.52	0.11	0.38	49.7870	7.6990	1.8	1.1	059	8.0	3.0	60	46	033	0.14	3.06	m i ke	LED	30120001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		BNS	30120031
ML	2.8	0.3	53 HLNUG	30120021
ML	2.8	0.2	21 BGR	30120011
ML	2.8	0.1	76 LED	30120001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ABH	0.14	314.2	Pg	23:13:59.280	-0.1					T__				m__ ML	2.8
ABH	0.14	314.2	Sg	23:14:01.490	0.1					T__				m__	
IMS	0.23	145.8	Pg	23:14:01.340	0.2					T__				md_ ML	2.9
IMS	0.23	145.8	Sg	23:14:04.860	0.6					T__				m__	
GWBO	0.24	51.2	Pg	23:14:01.420	0.2					T__				mc_ ML	3.0
GWBO	0.24	51.2	Sg	23:14:05.690	1.3					___				m__	
GWBD	0.35	21.7	Pg	23:14:02.870	-0.4					T__				mc_ ML	2.6
GWBD	0.35	21.7	Sg	23:14:07.950	0.0					T__				m__	
R1055	0.39	31.2	Pg	23:14:04.200	0.2					___				m__ ML	2.9
R1055	0.39	31.2	Sg	23:14:09.700	0.6					___				m__	
R79BC	0.40	18.3	Pg	23:14:04.400	0.3					___				m__ ML	2.7
R79BC	0.40	18.3	Sg	23:14:09.700	0.4					___				m__	
BODE	0.41	71.9	Pg	23:14:03.940	-0.3					T__				mc_ ML	2.4
BODE	0.41	71.9	Sg	23:14:10.180	0.6					___				m__	
NAST	0.42	14.2	Pg	23:14:04.200	-0.4					___				m__ ML	2.9
NAST	0.42	14.2	Sg	23:14:09.500	-0.6					___				m__	
R3B38	0.43	28.7	Pg	23:14:04.700	0.0					___				m__ ML	2.9
R3B38	0.43	28.7	Sg	23:14:10.600	0.3					___				m__	
GWBE	0.44	43.9	P*	23:14:04.220						T__				mc_ ML	2.6
GWBE	0.44	43.9	S*	23:14:11.170						___				m__	
RIED	0.46	83.0	Pg	23:14:05.500	0.3					___				m__ ML	3.3
RIED	0.46	83.0	Sg	23:14:12.800	1.6					___				m__	
BGG	0.48	331.0	P*	23:14:05.560						T__				md_	
BGG	0.48	331.0	PmP	23:14:07.600	-1.5					T__				m__	
BGG	0.48	331.0	S*	23:14:11.860						___				m__	
BGG	0.48	331.0	Sg	23:14:11.400	-0.5					___				m__	
DEP19	0.51	352.3	P*	23:14:06.060						T__				md_	
DEP19	0.51	352.3	S*	23:14:12.030						___				m__	
PYRM	0.52	329.7	P*	23:14:06.370						T__				md_ ML	2.6
PYRM	0.52	329.7	S*	23:14:13.040						T__				m__	
GODD	0.53	85.6	Pg	23:14:07.100	0.5					___				m__ ML	3.2
GODD	0.53	85.6	Sg	23:14:15.600	2.1					___				m__	
WBBU	0.54	107.4	Pg	23:14:07.600	0.8					___				m__ ML	3.2
WBBU	0.54	107.4	Sg	23:14:16.400	2.6					___				m__	
MESL	0.56	157.5	Pg	23:14:06.890	-0.2					T__				md_	
MESL	0.56	157.5	Sg	23:14:14.360	0.0					T__				m__	
MANN	0.58	120.7	Pg	23:14:08.200	0.7					___				m__ ML	2.7
MANN	0.58	120.7	SmS	23:14:17.550	-2.6					___				m__	
OCHT	0.59	338.5	P*	23:14:07.510						T__				md_ ML	2.6

OCHT	0.59	338.5	Pg	23:14:07.660	-0.1	T__	m__		
OCHT	0.59	338.5	PmP	23:14:09.230	-1.5	T__	m__		
OCHT	0.59	338.5	S*	23:14:14.710		T__	m__		
FACH	0.60	18.3	P*	23:14:07.410		T__	mc_ ML	2.8	
FACH	0.60	18.3	Sg	23:14:15.100	-0.6	___	m__		
RIVT	0.61	262.9	P*	23:14:06.960		T__	mc_ ML	2.8	
WBB	0.62	84.6	P*	23:14:07.770		T__	m__ ML	2.5	
WBB	0.62	84.6	Sg	23:14:16.700	0.2	___	m__		
KOE	0.64	1.9	P*	23:14:08.350		T__	md_		
KOE	0.64	1.9	PmP	23:14:09.810	-1.6	___	m__		
KOE	0.64	1.9	S*	23:14:15.940		T__	m__		
TNS	0.65	47.6	P*	23:14:07.980		T__	mc_ ML	2.9	
TNS	0.65	47.6	Sg	23:14:17.264	0.0	___	m_e		
LDO	0.66	151.8	P*	23:14:09.180		T__	m__ ML	2.9	
LDO	0.66	151.8	S*	23:14:18.850		___	m__		
BHE	0.66	329.7	P*	23:14:08.710		T__	m__		
BHE	0.66	329.7	Sg	23:14:16.816	-0.7	___	m_e		
OMED	0.66	333.6	P*	23:14:08.680		T__	md_ ML	2.7	
OMED	0.66	333.6	S*	23:14:17.970		T__	m__		
ERNH	0.67	90.2	Pg	23:14:08.600	-0.5	___	m__ ML	3.0	
ERNH	0.67	90.2	Sg	23:14:17.200	-0.6	___	m__		
LDE	0.67	154.7	P*	23:14:09.560		T__	md_ ML	2.9	
LDE	0.67	154.7	S*	23:14:19.260		___	m__		
BEDO	0.68	354.4	P*	23:14:09.100		T__	md_ ML	3.1	
BEDO	0.68	354.4	S*	23:14:17.420		___	m__		
NICK	0.68	339.0	P*	23:14:09.320		T__	m__ ML	2.4	
LAGB	0.69	326.4	P*	23:14:09.360		T__	md_ ML	2.5	
LAGB	0.69	326.4	S*	23:14:17.920		___	m__		
MESS	0.70	80.3	Pg	23:14:08.900	-0.9	___	m__ ML	3.2	
MESS	0.70	80.3	Sg	23:14:18.600	-0.3	___	m__		
DUP	0.70	237.9	P*	23:14:08.810		T__	m__ ML	3.2	
GWBC	0.71	30.9	P*	23:14:09.240		T__	m__ ML	3.5	
GWBC	0.71	30.9	Pg	23:14:09.300	-0.6	___	m__		
GWBC	0.71	30.9	Sg	23:14:19.200	0.1	___	m__		
DREI	0.72	70.6	Pg	23:14:08.700	-1.4	___	m__ ML	2.8	
DREI	0.72	70.6	Sg	23:14:20.300	0.9	___	m__		
PROB	0.72	337.0	P*	23:14:09.860		T__	md_ ML	2.8	
ROTT	0.72	155.9	P*	23:14:10.390		T__	md_ ML	2.9	
PEB	0.72	179.1	P*	23:14:09.430		T__	md_ ML	3.0	
WBA	0.74	100.0	P*	23:14:10.080		T__	mc_ ML	2.8	
WBA	0.74	100.0	Sg	23:14:20.200	0.2	___	m__		
LEMB	0.75	177.0	Pg	23:14:10.092	-0.7	___	m_e ML	2.8	
LEMB	0.75	177.0	Sg	23:14:19.585	-1.0	___	m_e		
GLOK	0.78	347.5	P*	23:14:10.680		T__	m__ ML	2.9	
GLOK	0.78	347.5	PmP	23:14:11.840	-1.8	T__	m__		
HILG	0.83	308.0	P*	23:14:11.780		T__	m__		
HILG	0.83	308.0	Sg	23:14:22.081	-0.8	___	m_e		
AHRW	0.85	332.3	P*	23:14:11.920		T__	m__ ML	2.7	
AHRW	0.85	332.3	Pg	23:14:12.108	-0.5	___	m_e		
AHRW	0.85	332.3	Sg	23:14:22.830	-0.9	___	m_e		
WMG	0.86	258.7	P*	23:14:11.500		T__	m__ ML	2.7	
NEEW	0.87	162.2	P*	23:14:12.960		T__	m__ ML	3.1	
NEEW	0.87	162.2	Sg	23:14:23.797	-0.5	___	m_e		
KARL	0.89	149.0	Pg	23:14:13.850	0.4	___	m__		

VOEL	0.90	204.8	P*	23:14:12.610				T__	mc_ ML	2.9
WBFO	0.91	30.2	Pg	23:14:13.300	-0.5			___	m_ ML	3.0
WBFO	0.91	30.2	Sg	23:14:25.000	-0.6			___	m_	
TDN	0.92	328.8	P*	23:14:13.340				T__	m_	
BIW	0.95	5.3	P*	23:14:13.720				T__	mc_ ML	2.9
CIEL	0.98	193.0	Pg	23:14:14.145	-0.9			___	m_e ML	3.4
CIEL	0.98	193.0	Sg	23:14:26.713	-1.0			___	m_e	
BRET	1.01	139.8	P*	23:14:15.240				T__	m_ ML	2.8
WLF	1.01	263.6	P*	23:14:14.010				T__	m_ ML	2.8
WLF	1.01	263.6	Sg	23:14:27.581	-1.0			___	m_e	
MILB	1.03	87.1	P*	23:14:15.030				T__	m_ ML	3.0
MILB	1.03	87.1	Sg	23:14:29.272	-0.0			___	m_e	
KLB	1.07	287.6	Pg	23:14:15.750	-1.0			___	m_e	
KLB	1.07	287.6	Sg	23:14:28.894	-1.7			___	m_e	102.2 0.23
WILW	1.11	281.3	P*	23:14:16.150				T__	m_ ML	2.9
BABA	1.12	163.0	Pn	23:14:17.110	-0.7			T__	m_ ML	2.5
WBG	1.13	69.5	Pn	23:14:16.030	-1.9			___	m_ ML	3.2
WBG	1.13	69.5	Sg	23:14:32.100	-0.3			___	m_	
HOHE	1.14	187.2	Pn	23:14:16.940	-1.1			T__	m_ ML	2.8
NEUF	1.18	247.6	Pg	23:14:17.515	-1.3			___	m_e ML	2.9
NEUF	1.18	247.6	Sg	23:14:32.815	-1.2			___	m_e	
EBSB	1.18	38.8	Pg	23:14:17.300	-1.6			___	m_ ML	3.0
EBSB	1.18	38.8	Sg	23:14:33.300	-0.9			___	m_	
HOBG	1.22	349.1	Pg	23:14:17.750	-1.8			___	m_e	
HOBG	1.22	349.1	Sg	23:14:34.075	-1.2			___	m_e	133.6 0.33
BNS	1.22	344.3	Pg	23:14:17.966	-1.6			___	m_e	
BNS	1.22	344.3	Sg	23:14:33.705	-1.7			___	m_e	91.4 0.38
GALG	1.22	144.4	Pn	23:14:18.050	-1.2			T__	m_ ML	2.6
KLL	1.24	314.6	Pg	23:14:17.948	-1.9			___	m_e	
KLL	1.24	314.6	Sg	23:14:33.470	-2.4			___	m_e	49.5 0.55
MRG	1.27	305.4	Pg	23:14:18.380	-2.1			___	m_e	
MRG	1.27	305.4	Sg	23:14:34.653	-2.2			___	m_e	122.6 0.16
GSH	1.27	318.9	Pg	23:14:18.500	-2.0			___	m_ ML	3.0
GSH	1.27	318.9	Sg	23:14:35.000	-1.9			___	m_	
DREG	1.28	313.5	Pg	23:14:18.733	-2.0			___	m_e	
DREG	1.28	313.5	Sg	23:14:34.510	-2.9			___	m_e	97.2 0.25
SIND	1.31	108.8	Pn	23:14:19.330	-1.1			T__	m_ ML	2.9
SIND	1.31	108.8	Sg	23:14:34.900	-3.4			___	m_	
OPP	1.33	165.9	Pn	23:14:19.220	-1.4			T__	m_ ML	3.0
GWBF	1.33	44.5	Pg	23:14:19.700	-2.0			___	m_ ML	3.1
MEM	1.36	307.9	Pn	23:14:18.990	-2.1			___	m_ ML	2.4
MEM	1.36	307.9	Pg	23:14:19.794	-2.4			___	m_e	
MEM	1.36	307.9	Sg	23:14:36.832	-2.9			___	m_e	54.2 0.62
WBNH	1.37	60.1	Pg	23:14:20.600	-1.8			___	m_ ML	2.7
WBNH	1.37	60.1	Sg	23:14:38.900	-1.3			___	m_	
JUE	1.39	324.3	Pg	23:14:20.811	-2.0			___	m_e	
JUE	1.39	324.3	Sg	23:14:38.434	-2.4			___	m_e	280.4 0.35
WLS	1.39	189.5	Pn	23:14:20.060	-1.5			___	m_ ML	2.8
WLS	1.39	189.5	Pg	23:14:21.560	-1.2			___	m_	
STU	1.41	135.6	Pg	23:14:23.020	-0.1			___	m_ ML	2.6
STU	1.41	135.6	Sg	23:14:40.544	-0.8			___	m_e	
ENTS	1.47	352.9	Pg	23:14:20.956	-3.2			___	m_e	
ENTS	1.47	352.9	Sg	23:14:39.940	-3.2			___	m_e	46.3 0.31
KAST	1.49	17.6	Pn	23:14:21.833	-1.0			___	m_e ML	2.8

KAST	1.49	17.6	Pg	23:14:23.262	-1.3	---	m_e	
KAST	1.49	17.6	Sn	23:14:39.648	-1.8	---	m_e	
BFO	1.51	163.9	Pn	23:14:21.940	-1.2	---	m__ ML	3.0
BFO	1.51	163.9	Pg	23:14:24.561	-0.5	---	m_e	
BFO	1.51	163.9	Sg	23:14:43.855	-0.8	---	m_e	
URBA	1.55	126.9	Pn	23:14:23.120	-0.6	---	m__ ML	2.7
TUBL	1.55	143.9	Pg	23:14:25.600	-0.3	---	m__ ML	2.6
ECH	1.61	192.9	Pn	23:14:22.480	-2.0	---	m__ ML	2.8
HES	1.63	345.5	Pn	23:14:23.600	-1.2	---	m__ ML	2.7
LAUG	1.64	343.2	Pn	23:14:23.680	-1.1	---	m_e	
SPAHL	1.66	57.7	Pn	23:14:24.280	-0.8	---	m_e ML	3.0
SPAHL	1.66	57.7	Sn	23:14:46.200	0.7	---	m__	
RODG	1.67	325.1	Pn	23:14:24.665	-0.6	---	m_e	
RODG	1.67	325.1	Sn	23:14:45.843	0.1	105.5 0.40	m_e	
BUG	1.68	350.8	Pn	23:14:24.027	-1.3	---	m_e ML	2.5
BUG	1.68	350.8	Sn	23:14:45.800	-0.1	---	m__	
WBRD	1.69	55.4	Pn	23:14:25.400	-0.1	---	m__ ML	2.9
WBRD	1.69	55.4	Sn	23:14:47.300	1.2	---	m__	
VOGT	1.71	180.7	Pg	23:14:28.220	-0.5	---	m__ ML	2.8
IRRE	1.71	151.1	Pg	23:14:28.870	0.0	---	m__ ML	2.6
BUCH	1.72	140.4	Pg	23:14:28.850	-0.1	---	m__ ML	2.9
HROE	1.74	63.6	Pn	23:14:25.600	-0.7	---	m__ ML	2.9
ROTE	1.75	158.3	Pg	23:14:29.250	-0.4	---	m__ ML	3.0
DEGG	1.77	131.1	Pn	23:14:26.090	-0.5	---	m__ ML	2.8
UBBA	1.80	54.1	Pn	23:14:25.200	-1.8	---	m__ ML	2.3
UBBA	1.80	54.1	Sn	23:14:46.600	-2.1	---	m__	
MSS	1.81	152.3	Pn	23:14:26.540	-0.6	---	m__ ML	3.2
MSS	1.81	152.3	Pg	23:14:30.490	-0.2	---	m__	
FREU	1.82	148.2	Pn	23:14:26.550	-0.7	---	m__ ML	2.8
KIZ	1.84	175.4	Pn	23:14:26.000	-1.5	---	m__ ML	2.8
WOER	1.84	113.8	Pn	23:14:26.710	-0.9	---	m__ ML	2.8
WALT	1.84	188.8	Pn	23:14:25.900	-1.7	---	m__ ML	3.0
WALT	1.84	188.8	Pg	23:14:30.240	-1.0	---	m__	
VITZ	1.88	53.3	Pn	23:14:28.600	0.4	---	m__ ML	3.2
VITZ	1.88	53.3	Sn	23:14:50.500	-0.3	---	m__	
ZWI	1.91	142.5	Pg	23:14:32.250	-0.3	---	m__ ML	2.8
FELD	1.92	173.9	Pg	23:14:32.150	-0.6	---	m__ ML	2.8
BERGE	1.94	170.5	Pn	23:14:27.530	-1.4	---	m__ ML	2.9
BERGE	1.94	170.5	Pg	23:14:32.470	-0.7	---	m_e	
BERGE	1.94	170.5	Sg	23:14:56.765	-1.5	---	m_e	
GUT	1.95	151.0	Pn	23:14:28.490	-0.6	---	m__ ML	2.8
WARTH	1.98	56.7	Pn	23:14:29.300	-0.2	---	m__ ML	2.8
WARTH	1.98	56.7	Sn	23:14:53.700	0.7	---	m__	
EMING	2.04	157.8	Pn	23:14:29.700	-0.6	---	m__ ML	2.6
EMING	2.04	157.8	Pg	23:14:34.446	-0.5	---	m_e	
EMING	2.04	157.8	Sg	23:15:00.238	-1.0	---	m_e	
WBED	2.06	47.0	Pn	23:14:30.300	-0.3	---	m__ ML	3.1
WBED	2.06	47.0	Sn	23:14:54.700	-0.3	---	m__	
ENDD	2.07	179.3	Pn	23:14:29.520	-1.2	---	m__ ML	2.6
ENDD	2.07	179.3	Pg	23:14:35.040	-0.6	---	m__	
SLE	2.09	165.2	Pn	23:14:30.080	-0.9	---	m__ ML	2.8
SLE	2.09	165.2	Pg	23:14:35.360	-0.5	---	m__	
METMA	2.11	169.8	Pg	23:14:35.500	-0.7	---	m__ ML	2.7
METMA	2.11	169.8	Sg	23:15:01.627	-1.9	---	m_e	

HAUIG	2.13	180.0	Pn	23:14:30.387	-1.1	---	m_e	ML	3.1
HAUIG	2.13	180.0	Sg	23:15:02.704	-1.4	---	m_e		
CRUX	2.14	66.4	Pn	23:14:31.000	-0.7	---	m__	ML	3.2
CRUX	2.14	66.4	Sn	23:14:56.800	-0.1	---	m__		
NORI	2.19	118.1	Pn	23:14:31.937	-0.4	---	m_e	ML	2.9
NORI	2.19	118.1	Sn	23:14:56.112	-1.8	---	m_e		
NORI	2.19	118.1	Sg	23:15:05.059	-1.0	---	m_e		
GLEI	2.19	45.7	Pn	23:14:33.500	1.1	---	m__	ML	3.1
GLEI	2.19	45.7	Sn	23:14:59.400	1.4	---	m__		
GLEI	2.19	45.7	Sg	23:15:05.321	-0.9	---	m_e		
WALHA	2.24	154.7	Pn	23:14:32.250	-0.8	---	m__	ML	2.8
WALHA	2.24	154.7	Pg	23:14:38.620	-0.1	---	m_e		
WALHA	2.24	154.7	Sg	23:15:06.146	-1.6	---	m_e		
GTTG	2.27	38.4	Pn	23:14:33.000	-0.4	---	m__	ML	3.0
SULZ	2.27	172.9	Pn	23:14:32.710	-0.8	---	m__	ML	2.8
GRA1	2.28	91.0	Pn	23:14:33.020	-0.5	---	m__	ML	2.7
BALST	2.45	180.1	Pn	23:14:34.780	-1.1	---	m__	ML	2.7
WILA	2.50	160.9	Pn	23:14:36.720	0.1	---	m__	ML	2.7
WILA	2.50	160.9	Pg	23:14:43.870	0.1	---	m__		
GRB4	2.52	95.8	Pn	23:14:37.300	0.5	---	m__	ML	3.1
GRC1	2.61	106.2	Pn	23:14:38.240	0.2	---	m__	ML	2.7
GRB2	2.63	99.8	Pn	23:14:38.330	0.0	---	m__	ML	2.5
CHMF	2.63	195.7	Pn	23:14:36.630	-1.7	---	m__	ML	2.8
UBR	2.64	142.1	Pn	23:14:39.190	0.8	---	m__	ML	2.7
MOX	2.65	69.6	Pn	23:14:39.400	0.8	---	m__	ML	2.2
CLZ	2.66	38.4	Pn	23:14:37.600	-1.1	---	m__	ML	3.1
CHRS	2.69	46.1	Pn	23:14:39.100	0.0	---	m__	ML	3.0
LIENZ	2.76	153.8	Pn	23:14:40.530	0.5	---	m__	ML	2.9
DAVA	2.89	149.2	Pn	23:14:42.390	0.6	---	m__	ML	2.7
RETA	3.06	137.5	Pn	23:14:44.980	0.8	---	m__	ML	2.9

Event 30127003 Ebingen/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/01/27	20:46:18.19	0.75	1.09	48.1777	8.9554	7.3	2.8	022	5.5	3.7	21	6	033			m i uk	ZAMG	30127023
2023/01/27	20:46:16.45	0.25	0.42	48.3180	9.0220	2.2	2.2	007	10.0f		22	15	081	0.44	1.63	m i ke	BGR	30127013
2023/01/27	20:46:16.31	0.03	0.11	48.3010	9.0300	0.3	0.2	118	7.0	2.0	60	29	034	0.03	1.56	m i ke	LED	30127003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.4	6 ZAMG	30127023
ML	1.9	0.3	15 BGR	30127013
ML	2.0	0.2	48 LED	30127003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ONST	0.03	229.6	Pg	20:46:17.870	0.3					T__				mc_	ML 2.0
ONST	0.03	229.6	Sg	20:46:19.070	0.6					T__				m__	
JUNG	0.03	6.7	Pg	20:46:17.800	0.2					T__				mc_	ML 1.9
JUNG	0.03	6.7	Sg	20:46:18.940	0.4					T__				m__	
BHBD	0.06	197.8	Pg	20:46:18.220	0.3					T__				mc_	ML 2.0
IRRE	0.06	251.0	Pg	20:46:18.270	0.3					T__				mc_	ML 2.0
IRRE	0.06	251.0	Sg	20:46:19.490	0.4					T__				m__	
EBIN	0.09	179.3	Pg	20:46:18.700	0.3					T__				md_	ML 2.1

EBIN	0.09	179.3	Sg	20:46:20.490	0.6	T__	m__	
FREU	0.10	132.6	Pg	20:46:18.690	0.2	T__	md_ ML	2.1
FREU	0.10	132.6	Sg	20:46:20.290	0.3	T__	m__	
ERPF	0.11	65.5	Pg	20:46:18.940	0.3	T__	mc_ ML	1.7
ERPF	0.11	65.5	Sg	20:46:20.870	0.7	T__	m__	
MSGN	0.11	9.9	Pg	20:46:18.950	0.3	T__	m__ ML	2.0
MSGN	0.11	9.9	Sg	20:46:20.780	0.5	T__	m__	
BALG	0.12	256.7	Pg	20:46:19.120	0.2	T__	mc_ ML	2.0
BALG	0.12	256.7	Sg	20:46:21.080	0.4	T__	m__	
MSS	0.13	200.4	Pg	20:46:19.410	0.4	T__	mc_ ML	2.5
MSS	0.13	200.4	Sg	20:46:21.590	0.7	T__	m__	
TUEB	0.21	5.6	Pg	20:46:20.710	0.2	T__	md_ ML	2.0
TUEB	0.21	5.6	Sg	20:46:23.570	0.2	T__	m__	
TUBL	0.22	9.0	Pg	20:46:20.780	0.1	T__	m__ ML	2.2
TUBL	0.22	9.0	Sg	20:46:23.750	0.0	T__	m__	
REUL	0.23	33.7	Pg	20:46:21.090	0.3	T__	mc_ ML	2.1
REUL	0.23	33.7	Sg	20:46:24.370	0.4	T__	m__	
GUT	0.24	166.1	Pg	20:46:21.210	0.3	T__	md_ ML	2.0
GUT	0.24	166.1	Sg	20:46:24.580	0.5	T__	m__	
BUCH	0.26	55.2	Pg	20:46:21.710	0.3	T__	mc_ ML	1.7
BUCH	0.26	55.2	Sg	20:46:25.500	0.7	T__	m__	
ROTE	0.28	238.4	Pg	20:46:21.970	0.2	T__	mc_ ML	1.8
ROTE	0.28	238.4	Sg	20:46:25.870	0.4	T__	m__	
ZWI	0.28	99.0	Pg	20:46:21.940	0.2	T__	m__ ML	2.0
ZWI	0.28	99.0	Sg	20:46:25.780	0.3	T__	m__	
EMING	0.42	196.8	Pg	20:46:24.660	0.3	T__	mc_ ML	1.8
EMING	0.42	196.8	Sg	20:46:30.300	0.4	T__	m__	
A104C	0.45	112.4	Sg	20:46:31.610	0.8	T__	m__ ML	1.8
BFO	0.47	273.8	Pg	20:46:25.340	0.2	T__	mc_ ML	2.0
BFO	0.47	273.8	Sg	20:46:31.330	0.1	T__	m__	
BFO	0.47	273.8	SmS	20:46:35.780	-1.7	T__	m__	
STU	0.48	12.9	Sg	20:46:31.820	0.1	T__	m__ ML	1.7
STU	0.48	12.9	SmS	20:46:35.910	-1.9	T__	m__	
GALG	0.51	341.3	Pg	20:46:26.180	0.1	T__	md_ ML	1.7
GALG	0.51	341.3	Sg	20:46:32.860	0.2	T__	m__	
DEGG	0.55	55.6	Pg	20:46:26.930	0.2	T__	m__ ML	1.5
WALHA	0.55	173.5	Pg	20:46:27.050	0.3	T__	m__ ML	1.9
WALHA	0.55	173.5	Sg	20:46:34.620	0.7	T__	m__	
OPP	0.59	289.6	Pg	20:46:27.730	0.2	T__	md_ ML	2.0
OPP	0.59	289.6	Sg	20:46:35.310	0.0	T__	m__	
OPP	0.59	289.6	SmS	20:46:38.310	-2.2	T__	m__	
SLE	0.64	214.1	Pg	20:46:28.570	0.1	T__	mc_ ML	2.2
SLE	0.64	214.1	PmP	20:46:30.230	-1.2	T__	m__	
SLE	0.64	214.1	SmS	20:46:39.980	-1.8	T__	m__	
URBA	0.65	34.2	Pg	20:46:28.680	0.0	T__	mc_ ML	1.8
URBA	0.65	34.2	Sg	20:46:37.150	0.1	T__	m__	
BABA	0.69	307.3	Pg	20:46:29.560	0.1	T__	md_ ML	2.1
BABA	0.69	307.3	PmP	20:46:30.850	-1.3	T__	m__	
BABA	0.69	307.3	SmS	20:46:40.890	-2.2	T__	m__	
BERGE	0.71	233.3	Pg	20:46:29.880	0.1	T__	mc_ ML	1.9
BERGE	0.71	233.3	PmP	20:46:31.310	-1.2	T__	m__	
BERGE	0.71	233.3	Sg	20:46:40.837	1.8	___	m_e	
BERGE	0.71	233.3	SmS	20:46:41.870	-1.7	T__	m__	
BRET	0.75	342.6	Sg	20:46:40.600	0.5	___	m__ ML	2.0

TETT	0.75	148.4	SmS	20:46:44.120	-0.4	---	m__	ML	2.4
ROMAN	0.76	164.3	Sg	20:46:41.590	0.9	---	m__	ML	2.0
ROMAN	0.76	164.3	SmS	20:46:44.180	-0.8	---	m__		
METMA	0.79	221.7	Pg	20:46:31.130	-0.0	---	m__	ML	1.9
METMA	0.79	221.7	Sg	20:46:42.012	0.7	---	m_e		
METMA	0.79	221.7	SmS	20:46:43.770	-1.7	---	m__		
FELD	0.81	238.6	PmP	20:46:32.800	-1.2	---	m__	ML	2.1
KIZ	0.82	245.5	Pg	20:46:31.810	0.0	---	m__	ML	2.1
KIZ	0.82	245.5	PmP	20:46:32.720	-1.4	---	m__		
UBR	0.95	130.3	Pg	20:46:34.863	0.6	---	m_e	ML	1.9
UBR	0.95	130.3	Sg	20:46:47.748	1.1	---	m_e		
SULZ	0.99	218.9	Pn	20:46:34.630	-1.3	---	m__	ML	2.0
ENDD	1.04	236.3	Pn	20:46:35.230	-1.5	---	mc_	ML	2.0
ENDD	1.04	236.3	Pg	20:46:36.330	0.3	---	m__		
ENDD	1.04	236.3	Sn	20:46:49.190	-1.9	---	m__		
WOER	1.08	48.3	Pg	20:46:36.890	0.1	---	m__	ML	2.2
HAUIG	1.10	234.8	Pn	20:46:36.000	-1.4	---	m__	ML	2.2
HAUIG	1.10	234.8	Sn	20:46:50.640	-1.6	---	m__		
HAUIG	1.10	234.8	Sg	20:46:51.171	-0.0	---	m_e		
SIND	1.11	19.7	Pg	20:46:37.710	0.4	---	m__	ML	2.2
PEB	1.16	311.9	Pg	20:46:38.620	0.5	---	m__	ML	2.2
MUTEZ	1.22	229.9	Pn	20:46:37.660	-1.4	---	m__	ML	2.1
MUTEZ	1.22	229.9	Pg	20:46:39.530	0.2	---	m__		
CIEL	1.22	296.4	Sg	20:46:55.369	0.1	---	m_e	ML	2.2
ECH	1.25	266.8	Pg	20:46:40.100	0.2	---	m__	ML	2.2
ECH	1.25	266.8	Sg	20:46:56.340	0.3	---	m__		
BALST	1.32	223.4	Pn	20:46:38.980	-1.4	---	m__	ML	2.0
BALST	1.32	223.4	Pg	20:46:41.270	0.1	---	m__		
BALST	1.32	223.4	Sg	20:46:58.530	0.3	---	m__		
WBA	1.36	354.2	Sg	20:46:59.480	-0.1	---	m__	ML	2.8
FUR	1.50	94.4	Sg	20:47:04.995	0.9	---	m_e	ML	2.4
BE1	1.51	104.1	Sg	20:47:05.480	1.0	---	m_e	ML	2.2
MILB	1.54	6.3	Sn	20:47:01.037	-1.6	---	m_e	ML	2.2
MILB	1.54	6.3	Sg	20:47:05.160	-0.0	---	m__		
WBB	1.56	351.2	Sg	20:47:05.570	-0.3	---	m__	ML	1.8
ZUGS	1.58	123.4	Sg	20:47:07.141	0.6	---	m_e	ML	1.9
PART	1.61	119.1	Sg	20:47:07.639	0.0	---	m_e	ML	1.7

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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