

DATA\_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 30501001 Innsbruck, Hall/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/05/01	06:50:32.58	0.15	0.73	47.4370	11.6493	1.5	0.7	175	5.3	2.5	34	13	017			m i uk	ZAMG	30501011
2023/05/01	06:50:33.34	0.27	0.81	47.3940	11.6500	3.3	2.2	152	5.0f		29	17	109	0.13	2.32	m i ke	BGR	30501001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.3	17 ZAMG	30501011
ML	1.6	0.4	15 BGR	30501001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.13	184.1	Pg	06:50:36.380	0.4					T__				m_e ML	0.9
SQTA	0.35	240.1	Pg	06:50:39.705	-0.2					T__				m_e ML	1.5
SQTA	0.35	240.1	Sg	06:50:44.989	0.6					T__				m_e	
MOTA	0.37	262.6	Pg	06:50:39.886	-0.5					T__				m_e ML	1.3
PART	0.38	286.0	Pg	06:50:41.319	0.9					T__				m_e ML	1.5
PART	0.38	286.0	Sg	06:50:46.061	0.7					T__				m_e	
ZUGS	0.45	273.0	Pg	06:50:42.218	0.3					T__				m_e ML	1.5
BE1	0.59	331.0	Pg	06:50:44.674	0.1					T__				m_e ML	1.8
BE1	0.59	331.0	Sg	06:50:53.542	1.3					T__				m_e	
RETA	0.61	279.1	Sg	06:50:54.417	1.7					T__				m_e ML	1.2
FETA	0.73	239.5	Pg	06:50:47.327	0.2					T__				m_e ML	1.0
FETA	0.73	239.5	Sg	06:50:57.151	0.6					T__				m_e	
FUR	0.81	342.0	Pg	06:50:49.855	1.2					T__				m_e ML	2.1
FUR	0.81	342.0	Sg	06:51:00.483	1.4					T__				m_e	
RJOB	0.85	65.6	Pg	06:50:50.974	1.7					T__				m_e	
UBR	1.08	286.0	Pg	06:50:54.380	0.7					T__				m_e ML	1.9
UBR	1.08	286.0	Sg	06:51:08.945	1.3					T__				m_e	
WALHA	1.74	282.8	Pg	06:51:07.276	1.1					T__				m_e ML	2.0
WALHA	1.74	282.8	Sg	06:51:28.811	0.1					T__				m_e	
MOA	1.82	74.6	Pg	06:51:07.478	-0.2					T__				m_e ML	1.7
MOA	1.82	74.6	Sg	06:51:31.064	-0.1					T__				m_e	
WET	1.93	24.6	Pn	06:51:05.939	-0.1					T__				m_e ML	2.0
WET	1.93	24.6	Sn	06:51:30.367	1.1					T__				m_e	
WET	1.93	24.6	Sg	06:51:34.206	-0.5					T__				m_e	
EMING	1.95	285.9	Pg	06:51:09.474	-0.7					T__				m_e ML	2.0
EMING	1.95	285.9	Sg	06:51:35.557	0.1					T__				m_e	
GEC2	2.00	42.6	Sg	06:51:35.993	-0.7					T__				m_e ML	2.1
GRA1	2.32	353.1	Pg	06:51:18.044	1.1					T__				m_e	
GRA1	2.32	353.1	Sg	06:51:46.611	-0.3					T__				m_e	

Event 30503001 Innsbruck, Hall/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/05/03	17:04:41.73	0.15	1.13	47.3001	11.4591	1.0	0.7	002	3.3	1.7	27	6	016			m i fe	ZAMG	30503011
2023/05/03	17:04:42.00	0.25	0.86	47.3020	11.4650	4.4	2.2	173	5.0f		24	15	133	0.12	2.51	m i ke	BGR	30503001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
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ML 2.1 0.2 18 ZAMG 30503011  
 ML 1.5 0.4 12 BGR 30503001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.12	108.1	Pg	17:04:44.501	0.0					T__				m_e	ML 1.1
WTTA	0.12	108.1	Sg	17:04:46.438	0.3					T__				m_e	
SQTA	0.19	245.0	Pg	17:04:45.599	-0.1					T__				m_e	ML 1.2
SQTA	0.19	245.0	Sg	17:04:48.649	0.4					T__				m_e	
MOTA	0.25	280.0	Pg	17:04:46.527	-0.2					T__				m_e	ML 1.2
MOTA	0.25	280.0	Sg	17:04:50.407	0.4					T__				m_e	
PART	0.31	309.5	Pg	17:04:47.942	0.1					T__				m_e	ML 1.4
PART	0.31	309.5	Sg	17:04:51.778	-0.0					T__				m_e	
ZUGS	0.35	289.3	Pg	17:04:48.269	-0.4					T__				m_e	ML 1.6
ZUGS	0.35	289.3	Sg	17:04:54.024	0.9					T__				m_e	
FETA	0.57	241.0	Pg	17:04:52.706	-0.1					T__				m_e	ML 1.0
FETA	0.57	241.0	Sg	17:05:00.436	0.1					T__				m_e	
LESA	0.83	81.1	Pg	17:04:57.596	-0.1					T__				m_e	ML 1.1
LESA	0.83	81.1	Sg	17:05:08.828	0.4					T__				m_e	
UBR	0.99	292.9	Pg	17:05:02.980	2.3					T__				m_e	ML 1.8
RJOB	1.00	63.7	Pg	17:05:03.192	2.4					T__				m_e	ML 1.6
EMING	1.86	289.5	Sg	17:05:42.410	1.2					T__				m_e	ML 2.1
WET	2.07	26.5	Pn	17:05:17.196	0.7					T__				m_e	ML 1.9
WET	2.07	26.5	Sg	17:05:47.723	-0.0					T__				m_e	
GEC2	2.15	43.3	Pn	17:05:18.455	0.8					T__				m_e	ML 1.9
GEC2	2.15	43.3	Sg	17:05:50.139	-0.1					T__				m_e	
BERGE	2.29	285.6	Sg	17:05:56.296	1.6					T__				m_e	
BFO	2.34	297.2	Sg	17:05:57.305	0.9					T__				m_e	
ROTZ	2.51	11.0	Sg	17:06:01.437	-0.4					T__				m_e	

Event 30504001 Stubaier Alps/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/05/04	17:13:05.75	0.15	0.87	47.1293	11.2772	0.8	0.7	032	6.9	1.7	27	5	006			m i uk	ZAMG	30504011
2023/05/04	17:13:05.62	0.38	0.76	47.1170	11.2810	4.4	2.2	000	5.0f		21	14	165	0.11	2.37	m i ke	BGR	30504001

(#PRIME)

Magnitude Err Nsta Author OrigID  
 ML 2.0 0.1 13 ZAMG 30504011  
 ML 1.4 0.4 13 BGR 30504001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SQTA	0.11	334.6	Pg	17:13:08.539	0.6					T__				m_e	ML 1.4
SQTA	0.11	334.6	Sg	17:13:10.122	0.6					T__				m_e	
MOTA	0.26	332.2	Pg	17:13:10.849	0.3					T__				m_e	ML 0.8
MOTA	0.26	332.2	Sg	17:13:14.445	0.5					T__				m_e	
WTTA	0.28	58.6	Pg	17:13:11.429	0.4					T__				m_e	ML 1.2
WTTA	0.28	58.6	Sg	17:13:15.458	0.7					T__				m_e	
ZUGS	0.36	325.7	Pg	17:13:12.731	0.2					T__				m_e	ML 1.2
FETA	0.39	255.9	Pg	17:13:13.494	0.5					T__				m_e	ML 1.3
FETA	0.39	255.9	Sg	17:13:18.473	0.4					T__				m_e	
RETA	0.51	316.6	Sg	17:13:22.030	0.1					T__				m_e	ML 1.1
LESA	1.00	71.5	Pg	17:13:24.308	-0.1					T__				m_e	ML 1.3

LESA	1.00	71.5	Sg	17:13:37.884	0.6	T__	m_e		
RJOB	1.20	58.3	Pg	17:13:30.005	1.8	T__	m_e ML	1.5	
RJOB	1.20	58.3	Sg	17:13:45.953	2.2	T__	m_e		
KBA	1.41	90.8	Sg	17:13:49.816	-0.5	T__	m_e ML	1.4	
EMING	1.82	296.2	Sg	17:14:04.448	1.0	T__	m_e ML	2.2	
MOA	2.15	68.9	Sg	17:14:14.654	0.8	T__	m_e ML	1.7	
WET	2.29	27.1	Pn	17:13:44.262	1.1	T__	m_e ML	1.8	
WET	2.29	27.1	Sg	17:14:18.026	-0.4	T__	m_e		
BFO	2.33	302.5	Sg	17:14:19.811	0.3	T__	m_e		
GEC2	2.37	42.3	Sg	17:14:20.750	-0.1	T__	m_e ML	1.9	

Event 1098114 Weingarten, N of Friedrichshafen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/05/08	10:51:01.40	0.28	0.94	47.9552	9.6418	3.5	1.5	033	22.3	2.5	11	2	018			m i uk	ZAMG	1098124
2023/05/08	10:51:01.82	0.08	0.18	47.9440	9.6390	0.9	0.6	078	24.0	2.0	68	36	099	0.11	1.24	m i ke	LED	1098114
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	3 ZAMG	1098124
ML	1.5	0.2	33 LED	1098114

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SAUL	0.11	308.3	Pg	10:51:06.350	-0.0					T__				m__ ML	1.6
SAUL	0.11	308.3	Sg	10:51:09.850	0.3					T__				m__	
A104C	0.18	3.7	Pg	10:51:07.060	-0.1					T__				md_ ML	1.4
A104C	0.18	3.7	Sg	10:51:11.130	0.3					T__				m__	
TETT	0.28	183.4	Pg	10:51:08.470	-0.1					T__				md_ ML	1.2
TETT	0.28	183.4	Sg	10:51:13.640	0.5					T__				m__	
FRIE	0.32	202.0	Pg	10:51:09.680	0.6					T__				m__	
FRIE	0.32	202.0	Sg	10:51:14.510	0.5					T__				m__	
ZWI	0.34	337.8	Pg	10:51:09.180	-0.2					T__				md_ ML	1.8
ZWI	0.34	337.8	Sg	10:51:14.600	0.1					T__				m__	
GUT	0.37	290.1	Pg	10:51:09.740	-0.2					T__				mc_ ML	1.8
GUT	0.37	290.1	Sg	10:51:15.570	0.1					T__				m__	
WALHA	0.40	241.3	Pg	10:51:10.150	-0.2					T__				mc_ ML	1.7
WALHA	0.40	241.3	PmP	10:51:10.770	-0.7					T__				m__	
WALHA	0.40	241.3	Sg	10:51:16.500	0.4					T__				m__	
WALHA	0.40	241.3	SmS	10:51:17.270	-0.8					T__				m__	
UBR	0.41	129.7	Pg	10:51:10.570	0.0					T__				mc_ ML	1.7
UBR	0.41	129.7	Sg	10:51:17.070	0.5					T__				m__	
KONZ	0.42	228.9	Pg	10:51:10.980	0.2					T__				m__ ML	1.9
KONZ	0.42	228.9	Sg	10:51:17.700	0.8					__				m__	
ROMAN	0.43	208.3	Pg	10:51:10.730	-0.2					T__				m__ ML	1.8
ROMAN	0.43	208.3	PmP	10:51:11.100	-0.9					T__				m__	
ROMAN	0.43	208.3	Sg	10:51:17.380	0.2					T__				m__	
ROMAN	0.43	208.3	SmS	10:51:18.110	-0.8					T__				m__	
FREU	0.44	311.2	Pg	10:51:10.940	-0.2					T__				mc_ ML	1.6
FREU	0.44	311.2	Sg	10:51:17.540	0.0					T__				m__	
MSS	0.51	297.6	Pg	10:51:12.100	-0.2					T__				m__ ML	1.5
MSS	0.51	297.6	Sg	10:51:19.500	0.1					T__				m__	
ULMD	0.53	28.2	Pg	10:51:12.150	-0.5					T__				m__	

ULMD	0.53	28.2	Sg	10:51:19.850	-0.2	T__	m__	
EMING	0.53	265.0	Pg	10:51:12.420	-0.2	T__	mc_ ML	1.5
EMING	0.53	265.0	Sg	10:51:20.580	0.5	T__	m__	
BUCH	0.54	339.4	Pg	10:51:12.520	-0.3	T__	md_ ML	1.8
BUCH	0.54	339.4	Sg	10:51:20.370	0.1	T__	m__	
IRRE	0.57	306.3	Pg	10:51:13.140	-0.2	T__	md_ ML	1.7
IRRE	0.57	306.3	Sg	10:51:21.300	0.0	T__	m__	
STEIN	0.59	242.3	Pg	10:51:13.500	-0.1	T__	md_ ML	1.8
STEIN	0.59	242.3	Sg	10:51:21.930	0.3	T__	m__	
LIENZ	0.66	188.6	Pg	10:51:14.750	-0.1	T__	m__ ML	1.4
LIENZ	0.66	188.6	Sg	10:51:24.380	0.6	T__	m__	
DEGG	0.67	4.2	Pn	10:51:14.500	-0.6	T__	m__ ML	1.4
DAVA	0.68	166.0	Pg	10:51:15.160	-0.1	T__	m__ ML	1.2
ROTE	0.68	288.3	Pn	10:51:14.650	-0.6	T__	m__ ML	1.6
ROTE	0.68	288.3	Sg	10:51:24.130	-0.4	T__	m__	
OBER	0.69	140.4	Sg	10:51:25.440	0.5	T__	m__	
WILA	0.72	223.2	Pg	10:51:15.760	-0.3	T__	m__ ML	1.9
WILA	0.72	223.2	Sg	10:51:25.890	0.1	T__	m__	
HDH	0.74	30.4	Pg	10:51:15.690	-0.7	T__	m__ ML	1.8
HDH	0.74	30.4	Sg	10:51:26.010	-0.4	T__	m__	
SLE	0.79	257.4	Pn	10:51:16.010	-0.7	T__	m__ ML	1.7
SLE	0.79	257.4	Pg	10:51:16.450	-0.8	T__	m__	
SLE	0.79	257.4	Sg	10:51:27.200	-0.6	T__	m__	
URBA	0.89	357.8	Pn	10:51:17.620	-0.6	T__	m__ ML	1.1
URBA	0.89	357.8	Sg	10:51:30.270	-0.8	T__	m__	
BFO	0.96	294.3	Pg	10:51:19.120	-1.2	T__	mc_ ML	1.5
BFO	0.96	294.3	Sg	10:51:31.950	-1.0	T__	m__	
METMA	0.96	256.5	Pn	10:51:18.180	-0.9	T__	m__ ML	1.0
METMA	0.96	256.5	Sg	10:51:31.900	-1.2	T__	m__	
BERGE	0.98	266.3	Pn	10:51:18.490	-0.9	T__	m__ ML	1.1
BERGE	0.98	266.3	Sg	10:51:32.990	-0.8	T__	m__	
GALG	1.02	326.2	Pg	10:51:20.410	-1.0	T__	m__ ML	1.4
GALG	1.02	326.2	Sg	10:51:33.670	-1.2	T__	m__	
FELD	1.10	267.1	Pg	10:51:21.330	-1.6	T__	m__ ML	1.2
SULZ	1.11	248.5	Pn	10:51:20.000	-1.1	T__	m__ ML	1.5
OPP	1.11	300.3	Pg	10:51:21.830	-1.4	T__	m__ ML	1.3
OPP	1.11	300.3	Sg	10:51:36.010	-1.9	T__	m__	
WOER	1.15	20.9	Sg	10:51:37.700	-1.3	T__	m__ ML	1.1
KIZ	1.15	271.2	Pg	10:51:22.340	-1.6	T__	m__ ML	1.2
BABA	1.24	309.4	Sg	10:51:39.770	-1.9	T__	m__ ML	1.3

Event 30509003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/05/09	16:23:40.68	0.78	1.93	51.5062	16.0092	5.5	3.6	025	0.0	0.0	15	3	019			m i sr	ZAMG	30509013
2023/05/09	16:23:40.78	0.45	0.59	51.5460	16.0590	4.4	2.2	022	1.0f		30	14	224	0.72	3.60	m i ki	BGR	30509003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.1	3 ZAMG	30509013
ML	2.9	0.3	14 BGR	30509003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.72	168.1	Pg	16:23:54.559	0.2					T__				m_e	ML 2.2
KSP	0.72	168.1	Sg	16:24:04.231	0.6					T__				m_e	
DPC	1.21	169.3	Pg	16:24:03.210	-0.4					T__				m_e	ML 3.1
DPC	1.21	169.3	Sg	16:24:19.883	0.7					T__				m_e	
BRG	1.49	244.0	Pn	16:24:07.300	-0.7					T__				m_e	ML 2.7
BRG	1.49	244.0	Pg	16:24:08.675	-0.2					T__				m_e	
BRG	1.49	244.0	Sg	16:24:27.886	-0.3					T__				m_e	
CLL	1.93	264.1	Pn	16:24:12.501	-1.4					T__				m_e	ML 2.8
CLL	1.93	264.1	Sg	16:24:41.611	-0.4					T__				m_e	
MORC	2.01	151.4	Pn	16:24:14.374	-0.6					T__				m_e	ML 3.2
MORC	2.01	151.4	Sg	16:24:44.906	0.4					T__				m_e	
OKC	2.17	141.4	Pg	16:24:20.899	-0.7					T__				m_e	ML 2.6
OKC	2.17	141.4	Sg	16:24:48.650	-0.9					T__				m_e	
TANN	2.54	244.9	Pn	16:24:21.957	-0.2					T__				m_e	ML 3.1
TANN	2.54	244.9	Pg	16:24:29.026	0.4					T__				m_e	
TANN	2.54	244.9	Sg	16:25:01.390	-0.1					T__				m_e	
WERD	2.61	246.6	Pn	16:24:22.820	-0.4					T__				m_e	ML 2.9
WERD	2.61	246.6	Pg	16:24:29.863	-0.2					T__				m_e	
WERD	2.61	246.6	Sg	16:25:03.845	0.0					T__				m_e	
MANZ	2.95	239.6	Pn	16:24:28.206	0.4					T__				m_e	ML 3.1
MANZ	2.95	239.6	Sg	16:25:15.171	0.5					T__				m_e	
ROTZ	3.03	235.5	Pn	16:24:28.827	0.0					T__				m_e	ML 3.0
ROTZ	3.03	235.5	Sg	16:25:16.219	-0.8					T__				m_e	
GEC2	3.10	210.2	Pn	16:24:30.857	1.1					T__				m_e	ML 3.0
GEC2	3.10	210.2	Sg	16:25:18.265	-1.0					T__				m_e	
WET	3.15	221.5	Pn	16:24:31.098	0.6					T__				m_e	ML 3.0
WET	3.15	221.5	Sg	16:25:21.157	0.2					T__				m_e	
CLZ	3.55	277.0	Pn	16:24:36.100	0.2					T__				m_e	ML 3.1
CLZ	3.55	277.0	Sg	16:25:34.135	0.5					T__				m_e	
GRA1	3.60	240.8	Sg	16:25:34.380	-0.6					T__				m_e	ML 3.5

Event 30510002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/05/10	05:49:15.19	0.54	0.30	51.5796	16.1472				1.0f		11	10	340	4.68	6.42	m i ki	BNS	30510022
2023/05/10	05:49:15.24	0.45	4.16	51.4876	16.2140	4.6	3.0	059	0.0	0.0	22	11	019			m i sr	ZAMG	30510012
2023/05/10	05:49:15.30	0.46	1.23	51.4690	16.1760	7.8	3.3	026	1.0f		28	14	224	0.63	3.62	m i ki	BGR	30510002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.7		BNS	30510022
ML	3.6	0.1	19 ZAMG	30510012
ML	3.6	0.3	14 BGR	30510002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.63	173.2	Pg	05:49:28.043	0.9					T__				m_e	ML 2.8
KSP	0.63	173.2	Sg	05:49:35.276	-0.0					T__				m_e	
DPC	1.12	175.2	Pg	05:49:36.814	0.4					T__				m_e	ML 3.7
DPC	1.12	175.2	Sg	05:49:53.282	2.3					T__				m_e	
BRG	1.52	247.8	Pn	05:49:41.248	-1.6					___				m_e	ML 3.4
BRG	1.52	247.8	Pg	05:49:43.190	-0.8					T__				m_e	

BRG	1.52	247.8	Sg	05:50:03.729	0.1	T__	m_e		
MORC	1.90	152.3	Pn	05:49:48.407	0.4	T__	m_e ML	3.7	
MORC	1.90	152.3	Pg	05:49:52.068	0.9	T__	m_e		
MORC	1.90	152.3	Sg	05:50:12.991	-2.7	T__	m_e		
CLL	1.99	266.6	Pn	05:49:48.394	-0.8	T__	m_e ML	3.5	
CLL	1.99	266.6	Pg	05:49:51.441	-1.3	T__	m_e		
CLL	1.99	266.6	Sg	05:50:16.248	-2.2	T__	m_e		
OKC	2.06	141.8	Sg	05:50:20.436	-0.1	T__	m_e ML	3.2	
TANN	2.57	247.2	Pn	05:49:57.455	0.4	T__	m_e ML	3.9	
TANN	2.57	247.2	Pg	05:50:04.731	1.1	T__	m_e		
TANN	2.57	247.2	Sg	05:50:36.928	0.1	T__	m_e		
WERD	2.64	248.8	Sg	05:50:40.237	1.0	T__	m_e ML	3.8	
MANZ	2.97	241.6	Sg	05:50:50.992	1.3	T__	m_e ML	3.9	
ROTZ	3.04	237.5	Sg	05:50:50.870	-1.0	T__	m_e ML	3.6	
GEC2	3.07	212.1	Pn	05:50:05.633	1.8	T__	m_e ML	3.7	
GEC2	3.07	212.1	Pg	05:50:12.343	-0.7	T__	m_e		
GEC2	3.07	212.1	Sg	05:50:51.838	-0.8	T__	m_e		
WET	3.14	223.5	Pn	05:50:05.281	0.5	T__	m_e ML	3.7	
WET	3.14	223.5	Sg	05:50:55.353	0.4	T__	m_e		
GRA1	3.61	242.5	Sg	05:51:11.410	1.4	T__	m_e ML	4.2	
CLZ	3.62	278.2	Pn	05:50:11.968	0.7	T__	m_e ML	3.8	
CLZ	3.62	278.2	Pg	05:50:22.430	-1.1	T__	m_e		
CLZ	3.62	278.2	Sg	05:51:11.705	1.4	T__	m_e		
MILB	4.66	252.1	Pn	05:50:25.367	-0.1	---	m_e		
KAST	4.85	269.9	Pn	05:50:27.904	-0.1	---	m_e		
KAST	4.85	269.9	Sn	05:51:23.254	2.5	---	m_e		
WBFO	4.96	262.6	Pn	05:50:29.499	0.1	---	m_e		
GWBC	5.10	260.9	Pn	05:50:32.157	0.8	---	m_e		
SORT	5.12	271.9	Pn	05:50:31.386	-0.2	---	m_e		
BIW	5.29	265.2	Pn	05:50:34.018	0.1	---	m_e		
KOE	5.42	262.2	Pn	05:50:35.613	-0.1	---	m_e		
GLOK	5.57	263.9	Pn	05:50:38.271	0.4	---	m_e		
BGG	5.72	260.7	Pn	05:50:40.568	0.8	---	m_e		
MRG	6.43	265.4	Pn	05:50:49.700	0.3	---	m_e		

Event 30512006 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/05/12	16:14:12.74	0.60	2.58	51.5095	15.9621	7.3	2.7	049	0.0	0.0	21	11	017			m i sr	ZAMG	30512016
2023/05/12	16:14:13.14	0.47	0.69	51.5010	16.0530	5.6	2.2	020	1.0f		25	14	223	0.67	3.56	m i ki	BGR	30512006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.2	14 ZAMG	30512016
ML	3.0	0.3	14 BGR	30512006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.67	167.0	Pg	16:14:26.573	0.7					T__				m_e ML	2.2
KSP	0.67	167.0	Sg	16:14:36.434	1.9					T__				m_e	
DPC	1.16	171.5	Pn	16:14:35.227	-0.6					T__				m_e ML	3.1
DPC	1.16	171.5	Sg	16:14:51.900	1.8					T__				m_e	
BRG	1.46	245.4	Pn	16:14:39.310	-0.6					T__				m_e ML	2.8



MOTA	1.83	261.7	Sg	20:58:02.303	1.8					T__						m_e	ML	2.0
ZUGS	1.91	264.2	Pg	20:57:37.118	-1.0					T__						m_e	ML	2.2
ZUGS	1.91	264.2	Sg	20:58:04.743	2.0					T__						m_e		
RETA	2.04	266.8	Sg	20:58:07.827	0.7					T__						m_e	ML	2.2
UBR	2.48	272.3	Sg	20:58:20.816	0.0					T__						m_e	ML	2.3

Event 30520007 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/05/20	15:55:18.87	0.47	1.80	51.3670	15.9852	2.8	2.5	156	0.0	0.0	43	18	030			m i sr	ZAMG	30520017
2023/05/20	15:55:16.88	0.43	0.61	51.5050	16.1770	4.4	2.2	022	1.0f		25	13	200	0.67	3.61	m i ki	BGR	30520007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.2	19 ZAMG	30520017
ML	3.1	0.3	10 BGR	30520007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.67	173.7	Pg	15:55:29.647	0.2					T__				m_e	ML 2.3
KSP	0.67	173.7	Sg	15:55:38.798	0.8					T__				m_e	
DPC	1.16	175.4	Pg	15:55:38.453	-0.3					T__				m_e	ML 3.3
DPC	1.16	175.4	Sg	15:55:53.992	0.3					T__				m_e	
BRG	1.54	246.6	Pn	15:55:43.736	-0.9					T__				m_e	ML 2.8
BRG	1.54	246.6	Sg	15:56:05.306	-0.4					T__				m_e	
MORC	1.93	152.9	Pn	15:55:50.013	-0.0					T__				m_e	ML 3.4
MORC	1.93	152.9	Sg	15:56:18.133	-0.1					T__				m_e	
CLL	1.99	265.6	Pn	15:55:50.079	-0.7					T__				m_e	ML 3.0
CLL	1.99	265.6	Pg	15:55:53.747	-0.6					T__				m_e	
CLL	1.99	265.6	Sg	15:56:20.459	0.4					T__				m_e	
OKC	2.08	142.4	Pg	15:55:55.945	-0.2					T__				m_e	ML 2.8
OKC	2.08	142.4	Sg	15:56:22.510	-0.5					T__				m_e	
TANN	2.58	246.5	Pg	15:56:05.569	0.0					T__				m_e	ML 3.3
TANN	2.58	246.5	Sg	15:56:39.164	0.3					T__				m_e	
OJC	2.62	117.9	Pg	15:56:06.131	-0.2					T__				m_e	ML 3.4
OJC	2.62	117.9	Sg	15:56:40.333	0.2					T__				m_e	
WERD	2.66	248.1	Pg	15:56:06.995	0.1					T__				m_e	
MANZ	2.99	241.0	Pg	15:56:13.559	0.4					T__				m_e	
GEC2	3.10	211.8	Pn	15:56:07.289	1.5					T__				m_e	ML 3.2
GEC2	3.10	211.8	Pg	15:56:15.102	-0.1					T__				m_e	
GEC2	3.10	211.8	Sg	15:56:54.586	-0.6					T__				m_e	
WET	3.16	223.0	Pn	15:56:07.631	0.9					T__				m_e	
CLZ	3.61	277.6	Pn	15:56:13.764	0.9					T__				m_e	ML 3.2
CLZ	3.61	277.6	Sg	15:57:12.062	0.4					T__				m_e	

Event 30523001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/05/23	03:21:03.39	0.99	0.58	51.5210	15.7858				3.0f		15	14	338	4.45	6.27	m i ki	BNS	30523021
2023/05/23	03:21:02.50	0.35	0.93	51.4514	15.9070	3.2	2.4	053	0.0	0.0	27	7	119			m i sr	ZAMG	30523011
2023/05/23	03:21:01.26	0.38	0.55	51.5590	16.0240	4.4	2.2	013	1.0f		28	15	201	0.74	3.57	m i ki	BGR	30523001



(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.2		BNS	30523021
ML	3.3	0.1	9 ZAMG	30523011
ML	3.3	0.3	15 BGR	30523001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.74	166.6	Pg	03:21:15.390	0.3					T__				m_e	ML 2.6
KSP	0.74	166.6	Sg	03:21:25.098	0.5					T__				m_e	
DPC	1.22	171.1	Pg	03:21:24.059	-0.3					T__				m_e	ML 3.4
DPC	1.22	171.1	Sg	03:21:40.440	0.3					T__				m_e	
BRG	1.47	243.1	Pn	03:21:27.523	-0.7					T__				m_e	ML 3.1
BRG	1.47	243.1	Sg	03:21:47.823	-0.2					T__				m_e	
CLL	1.90	263.6	Pn	03:21:33.210	-0.8					T__				m_e	ML 3.1
CLL	1.90	263.6	Sg	03:22:01.509	-0.1					T__				m_e	
MORC	2.03	151.0	Pn	03:21:35.426	-0.2					T__				m_e	ML 3.6
MORC	2.03	151.0	Sg	03:22:04.470	-1.1					T__				m_e	
OKC	2.18	141.2	Pn	03:21:37.802	-0.0					T__				m_e	ML 3.1
OKC	2.18	141.2	Pg	03:21:41.834	-0.6					T__				m_e	
TANN	2.52	244.4	Pn	03:21:42.504	0.2					T__				m_e	ML 3.4
TANN	2.52	244.4	Pg	03:21:48.499	-0.2					T__				m_e	
WERD	2.59	246.0	Pn	03:21:43.190	-0.1					T__				m_e	ML 3.2
WERD	2.59	246.0	Pg	03:21:50.005	-0.1					T__				m_e	
OJC	2.73	117.9	Pn	03:21:44.617	-0.6					T__				m_e	ML 3.5
OJC	2.73	117.9	Pg	03:21:52.451	-0.3					T__				m_e	
OJC	2.73	117.9	Sg	03:22:29.380	1.3					T__				m_e	
MANZ	2.93	239.1	Pn	03:21:48.570	0.6					T__				m_e	ML 3.5
MANZ	2.93	239.1	Sg	03:22:34.894	0.5					T__				m_e	
ROTZ	3.01	235.0	Pn	03:21:48.859	-0.2					T__				m_e	ML 3.3
GEC2	3.09	209.6	Pn	03:21:51.035	0.9					T__				m_e	ML 3.5
WET	3.14	221.0	Pn	03:21:51.056	0.3					T__				m_e	ML 3.4
WET	3.14	221.0	Sg	03:22:41.429	0.4					T__				m_e	
CLZ	3.51	276.8	Pn	03:21:56.526	0.7					T__				m_e	ML 3.5
GRA1	3.57	240.4	Pn	03:21:57.055	0.4					T__				m_e	ML 4.0
GRA1	3.57	240.4	Sg	03:22:54.847	0.1					T__				m_e	
MILB	4.60	250.5	Pn	03:22:10.369	-0.2					___				m_e	
KAST	4.76	268.7	Pn	03:22:12.362	-0.4					___				m_e	
TNS	4.96	257.3	Pn	03:22:15.552	0.1					___				m_e	
GWBC	5.02	259.6	Pn	03:22:16.746	0.5					___				m_e	
GWBE	5.16	256.7	Pn	03:22:17.544	-0.6					___				m_e	
KOE	5.34	261.0	Pn	03:22:20.735	0.1					___				m_e	
BPFI	5.48	272.0	Pn	03:22:21.532	-0.9					___				m_e	
GLOK	5.49	262.7	Pn	03:22:22.728	0.1					___				m_e	
HES	5.60	271.6	Pn	03:22:24.722	0.6					___				m_e	
BGG	5.64	259.5	Pn	03:22:25.120	0.4					___				m_e	
BGG	5.64	259.5	Sn	03:23:26.989	1.8					___		9.5	0.58	m_e	
AHRW	5.71	263.2	Pn	03:22:25.519	-0.2					___				m_e	
GSH	6.10	266.0	Pn	03:22:32.694	1.8					___				m_e	
DREG	6.21	265.5	Pn	03:22:33.493	1.1					___				m_e	
HOU	6.42	263.1	Pn	03:22:36.284	1.0					___				m_e	

## Event 30525008 Freistadt/A, NE of Linz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/05/25	19:15:33.87	0.24	0.84	48.4664	14.3249	1.2	1.1	085	10.4	4.5	35	7	008			m i fe	ZAMG	30525018
2023/05/25	19:15:34.08	0.48	0.74	48.4860	14.3430	6.7	2.2	070	10.0f		18	10	190	0.56	2.09	m i ke	BGR	30525008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	18 ZAMG	30525018
ML	1.6	0.2	10 BGR	30525008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GEC2	0.56	310.5	Pg	19:15:44.850	0.2					T__				m_e ML	1.5
GEC2	0.56	310.5	Sg	19:15:52.268	0.3					T__				m_e	
MOA	0.64	184.6	Pg	19:15:46.214	-0.0					T__				m_e ML	1.3
MOA	0.64	184.6	Sg	19:15:54.338	-0.2					T__				m_e	
BIOA	0.92	210.9	Pg	19:15:51.215	-0.4					T__				m_e ML	1.3
BIOA	0.92	210.9	Sg	19:16:03.375	-0.2					T__				m_e	
WET	1.17	304.9	Pg	19:15:56.226	0.1					T__				m_e ML	1.8
WET	1.17	304.9	Sg	19:16:12.181	0.9					T__				m_e	
RJOB	1.28	234.6	Pg	19:15:59.017	0.8					T__				m_e ML	1.6
RJOB	1.28	234.6	Sg	19:16:16.519	1.8					T__				m_e	
ARSA	1.47	146.9	Sg	19:16:21.073	0.3					T__				m_e ML	1.6
LESA	1.54	227.0	Pg	19:16:02.877	-0.3					T__				m_e ML	2.0
LESA	1.54	227.0	Sg	19:16:22.269	-0.8					T__				m_e	
KBA	1.56	205.9	Pg	19:16:03.945	0.4					T__				m_e ML	1.6
KBA	1.56	205.9	Sg	19:16:24.287	0.6					T__				m_e	
ROTZ	1.90	313.3	Pg	19:16:09.817	-0.0					T__				m_e ML	1.8
ROTZ	1.90	313.3	Sg	19:16:33.927	-0.4					T__				m_e	
MANZ	2.09	316.6	Sg	19:16:39.898	-0.7					T__				m_e ML	2.0

## Event 30525007 Saarbruecken-East

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/05/25	22:22:26.41	0.79	0.35	49.3520	7.1332				14.3	2.9	45	28	268	0.80	1.61	m i ke	BNS	30525027
2023/05/25	22:22:24.20	0.22	0.65	49.2570	7.1750	3.3	2.2	065	10.0f		30	21	130	0.44	2.50	m i ke	BGR	30525017
2023/05/25	22:22:24.86	0.12	0.38	49.2580	7.1810	1.6	1.1	048	13.0	2.0	86	46	113	0.29	2.67	m i ke	LED	30525007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		BNS	30525027
ML	2.6	0.2	12 BGR	30525017
ML	2.6	0.2	73 LED	30525007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
VOEL	0.29	187.5	Pg	22:22:30.840	0.0					T__				md_ ML	2.5
VOEL	0.29	187.5	Sg	22:22:35.360	0.5					T__				m__	
DUP	0.30	301.0	Pg	22:22:30.850	-0.1					T__				md_ ML	3.2
DUP	0.30	301.0	Sg	22:22:34.970	-0.1					T__				m__	
PEB	0.40	118.5	Pg	22:22:32.190	-0.5					T__				mc_ ML	2.7
PEB	0.40	118.5	Sg	22:22:37.640	-0.4					T__				m__	
CIEL	0.44	164.2	Pg	22:22:33.402	-0.1					---				m_e	

RIVT	0.52	329.2	Pg	22:22:34.610	-0.4	T__	md_ ML	2.5
RIVT	0.52	329.2	Sg	22:22:40.960	-1.0	T__	m__	
MESL	0.55	88.1	Pg	22:22:35.020	-0.4	T__	mc_ ML	2.8
MESL	0.55	88.1	Sg	22:22:42.640	-0.1	T__	m__	
IMS	0.58	54.1	Pg	22:22:35.840	-0.1	T__	mc_ ML	2.6
IMS	0.58	54.1	Sg	22:22:43.540	-0.0	T__	m__	
WMG	0.62	304.8	Pg	22:22:36.570	-0.2	T__	mc_ ML	2.7
WMG	0.62	304.8	Sg	22:22:44.280	-0.7	T__	m__	
HOHE	0.63	161.5	Pg	22:22:36.680	-0.3	T__	md_ ML	2.3
HOHE	0.63	161.5	Sg	22:22:45.340	0.1	T__	m__	
LDE	0.63	97.1	Sg	22:22:46.670	1.4	___	m__ ML	2.7
ROTT	0.65	101.2	Pg	22:22:37.480	0.3	T__	md_ ML	2.5
ROTT	0.65	101.2	Sg	22:22:46.740	1.0	___	m__	
LDO	0.65	94.0	Sg	22:22:47.150	1.3	___	m__ ML	2.5
ABH	0.67	20.7	Pg	22:22:37.250	-0.4	T__	md_ ML	2.7
ABH	0.67	20.7	Sg	22:22:46.010	-0.4	T__	m__	
NEEW	0.68	116.2	Pg	22:22:37.940	0.2	T__	m__ ML	3.0
NEEW	0.68	116.2	Sg	22:22:47.530	0.9	T__	m__	
WLF	0.78	301.7	Pg	22:22:39.470	-0.3	T__	md_ ML	2.7
WLF	0.78	301.7	Sg	22:22:48.980	-1.0	T__	m__	
BEUR	0.82	355.4	Pg	22:22:40.200	-0.3	T__	m__ ML	2.5
BEUR	0.82	355.4	PmP	22:22:40.730	-1.6	T__	m__	
BEUR	0.82	355.4	Sg	22:22:50.600	-0.7	T__	m__	
WLS	0.85	172.3	Pg	22:22:40.388	-0.7	___	m_e ML	2.3
WLS	0.85	172.3	Sg	22:22:51.512	-0.7	___	m_e	
BABA	0.86	128.7	Pn	22:22:40.870	-1.1	T__	m__ ML	2.5
BABA	0.86	128.7	Pg	22:22:41.230	0.1	T__	m__	
BABA	0.86	128.7	Sn	22:22:52.540	-1.5	T__	m__	
GWBO	0.86	37.3	Pg	22:22:41.180	0.0	T__	mc_ ML	3.0
GWBO	0.86	37.3	Sg	22:22:52.560	0.3	T__	m__	
VIA	0.93	317.3	Pg	22:22:41.830	-0.7	___	m_e	
VIA	0.93	317.3	Sg	22:22:53.573	-1.0	___	m_e	
BGG	0.95	6.0	Pg	22:22:41.940	-1.0	T__	m__	
BGG	0.95	6.0	Sg	22:22:54.460	-0.9	T__	m__	
BODE	0.97	47.5	Pg	22:22:43.120	-0.2	T__	m__ ML	2.6
BODE	0.97	47.5	Sg	22:22:56.160	0.1	T__	m__	
GWBD	0.97	28.3	Pg	22:22:42.630	-0.7	T__	m__ ML	2.3
GWBD	0.97	28.3	Sg	22:22:54.690	-1.4	T__	m__	
PYRM	0.98	4.0	Pn	22:22:42.360	-1.3	T__	md_ ML	2.5
PYRM	0.98	4.0	Sn	22:22:55.530	-1.4	T__	m__	
ZELS	1.00	162.6	Pg	22:22:44.030	0.2	T__	m__ ML	2.3
OPP	1.01	138.6	Pn	22:22:42.820	-1.2	T__	mc_ ML	2.6
BRET	1.02	103.4	Pn	22:22:43.270	-0.9	T__	m__ ML	2.7
BRET	1.02	103.4	Pg	22:22:44.020	-0.1	T__	m__	
BRET	1.02	103.4	Sn	22:22:55.620	-2.2	T__	m__	
NAST	1.04	24.9	Pn	22:22:43.100	-1.3	___	m_e	
NAST	1.04	24.9	Sg	22:22:56.109	-1.8	___	m_e	
WILW	1.06	314.4	Pn	22:22:43.570	-1.2	T__	m__ ML	2.6
WILW	1.06	314.4	Sg	22:22:56.546	-2.1	___	m_e	
DEP19	1.07	14.3	Pg	22:22:44.570	-0.5	T__	m__	
GWBE	1.07	36.9	Pn	22:22:44.120	-0.7	T__	m__ ML	2.5
GWBE	1.07	36.9	Pg	22:22:45.101	0.0	___	m_e	
GWBE	1.07	36.9	Sg	22:22:58.420	-0.5	T__	m__	
HILG	1.08	342.8	Pg	22:22:45.110	-0.3	T__	m__	

162.0 0.36

HILG	1.08	342.8	Sn	22:22:58.190	-1.2	T__	m__		
KOGO	1.09	9.5	Pn	22:22:44.080	-1.0	T__	m__ ML	2.4	
OCHT	1.09	6.0	Pn	22:22:43.730	-1.4	T__	m__ ML	2.3	
OCHT	1.09	6.0	Pg	22:22:44.700	-0.8	T__	m__		
CLB	1.09	320.9	Pn	22:22:44.000	-1.2	___	m_e		
BHE	1.09	360.0	Pn	22:22:44.350	-0.9	T__	m__		
BHE	1.09	360.0	Pg	22:22:45.250	-0.4	T__	m__		
BHE	1.09	360.0	Sn	22:22:58.910	-0.7	T__	m__		
LAGB	1.10	357.3	Pn	22:22:43.850	-1.5	T__	mc_ ML	2.3	
LAGB	1.10	357.3	Pg	22:22:44.980	-0.8	___	m_e		
LAGB	1.10	357.3	Sg	22:22:57.574	-2.6	___	m_e		
OMED	1.12	2.0	Pg	22:22:45.280	-0.8	T__	m__ ML	2.4	
WBA	1.13	69.0	Pn	22:22:44.120	-1.7	T__	mc_ ML	2.9	
WBA	1.13	69.0	Pg	22:22:45.670	-0.7	T__	m__		
GALG	1.15	113.6	Pn	22:22:45.010	-1.0	T__	mc_ ML	2.7	
GALG	1.15	113.6	Pg	22:22:46.700	0.1	T__	m__		
GALG	1.15	113.6	Sn	22:22:59.200	-1.7	T__	m__		
GALG	1.15	113.6	Sg	22:23:01.510	-0.1	T__	m__		
NICK	1.16	4.3	Pg	22:22:46.360	-0.5	T__	m__ ML	2.2	
MUEZ	1.17	329.5	Pg	22:22:46.130	-0.9	T__	m__ ML	2.7	
BFO	1.20	140.4	Pn	22:22:45.600	-1.0	T__	m__ ML	3.1	
BFO	1.20	140.4	Pg	22:22:47.280	-0.2	T__	m__		
BFO	1.20	140.4	Sg	22:23:02.930	-0.1	T__	m__		
FACH	1.22	25.2	Pn	22:22:45.750	-1.1	T__	m__ ML	2.4	
FACH	1.22	25.2	Pg	22:22:47.010	-0.9	T__	m__		
FACH	1.22	25.2	Sn	22:23:01.820	-0.7	T__	m__		
KOE	1.22	16.7	Pg	22:22:47.250	-0.7	T__	m__		
VOGT	1.22	164.5	Pg	22:22:47.370	-0.6	T__	m__ ML	2.3	
VOGT	1.22	164.5	Sg	22:23:03.710	-0.1	T__	m__		
BEDO	1.23	12.4	Pn	22:22:46.100	-1.0	T__	m__ ML	2.8	
TNS	1.26	39.8	Pn	22:22:46.560	-1.0	T__	m__ ML	2.7	
TNS	1.26	39.8	Sg	22:23:05.010	-0.2	T__	m__		
AHRW	1.28	357.0	Pg	22:22:48.190	-1.0	T__	m__ ML	2.3	
AHRW	1.28	357.0	Sn	22:23:02.200	-1.9	___	164.3 0.28 m_e		
AHRW	1.28	357.0	Sg	22:23:04.710	-1.1	T__	m__		
WALT	1.29	177.2	Pg	22:22:48.740	-0.6	T__	m__ ML	2.4	
GLOK	1.30	7.1	Pg	22:22:48.616	-0.8	___	m_e		
TDN	1.33	353.5	Pg	22:22:48.881	-1.1	___	m_e		
TDN	1.33	353.5	Sn	22:23:03.400	-1.7	___	m_e		
TDN	1.33	353.5	Sg	22:23:05.790	-1.3	T__	m__		
FBB	1.33	160.3	Pg	22:22:49.830	-0.2	T__	m__ ML	2.7	
FBB	1.33	160.3	Sg	22:23:07.080	-0.3	T__	m__		
HOU	1.33	325.7	Pn	22:22:47.132	-1.3	___	m_e		
HOU	1.33	325.7	Sn	22:23:03.100	-2.1	___	m_e		
GWBC	1.33	31.3	Pg	22:22:49.780	-0.3	T__	m__ ML	3.2	
GWBC	1.33	31.3	Sn	22:23:04.600	-0.6	___	m_e		
GWBC	1.33	31.3	Sg	22:23:06.740	-0.7	T__	m__		
KIZ	1.39	159.2	Pn	22:22:47.860	-1.4	___	m__ ML	2.4	
KIZ	1.39	159.2	Pg	22:22:50.780	-0.4	___	m__		
STU	1.41	109.5	Sg	22:23:09.660	-0.1	___	m__ ML	2.6	
MRG	1.44	330.8	Pn	22:22:48.900	-1.0	___	m_e		
MRG	1.44	330.8	Sn	22:23:05.900	-1.9	___	m_e		
ROTE	1.48	137.8	Pn	22:22:49.640	-0.8	___	m__ ML	2.9	
ROTE	1.48	137.8	Pg	22:22:52.700	-0.1	___	m__		

ROTE	1.48	137.8	Sn	22:23:07.860	-0.8	---	m_	
ROTE	1.48	137.8	Sg	22:23:11.390	-0.6	---	m_	
MILB	1.48	66.6	Pn	22:22:49.110	-1.4	---	mc_ ML	2.7
MILB	1.48	66.6	Sg	22:23:11.260	-0.9	---	m_	
FELD	1.49	158.2	Sg	22:23:11.430	-0.8	---	m_ ML	2.5
KLL	1.50	338.4	Pn	22:22:49.600	-1.1	---	m_e	
IRRE	1.52	129.4	Sg	22:23:13.060	-0.2	---	m_ ML	2.6
DREG	1.53	336.8	Pn	22:22:50.100	-1.1	---	m_e	
DREG	1.53	336.8	Sn	22:23:08.100	-1.8	---	m_e	28.1 0.69
BIW	1.53	15.7	Pg	22:22:52.678	-1.1	---	m_e	
BERGE	1.54	154.2	Pn	22:22:50.260	-1.0	---	m_ ML	2.5
WBFO	1.54	30.8	Pg	22:22:53.031	-0.9	---	m_e	
MEM	1.55	331.3	Pn	22:22:50.490	-0.9	---	m_ ML	2.1
MEM	1.55	331.3	Sn	22:23:08.500	-1.8	---	m_	
SIND	1.58	85.8	Pn	22:22:50.650	-1.2	---	m_ ML	2.3
SIND	1.58	85.8	Pg	22:22:54.870	0.1	---	m_	
SIND	1.58	85.8	Sn	22:23:09.620	-1.5	---	m_	
ENDD	1.59	166.3	Pn	22:22:50.640	-1.3	---	mc_ ML	2.1
ENDD	1.59	166.3	Sg	22:23:14.340	-1.1	---	m_	
MSS	1.60	131.9	Pn	22:22:51.310	-0.7	---	mc_ ML	3.0
MSS	1.60	131.9	Pg	22:22:55.060	0.1	---	m_	
MSS	1.60	131.9	Sg	22:23:15.740	0.1	---	m_	
HAUIG	1.63	167.6	Pn	22:22:52.198	-0.4	---	m_e ML	2.5
BA02	1.64	338.1	Sn	22:23:10.774	-1.6	---	m_e	37.9 0.61
BUCH	1.64	118.7	Pn	22:22:52.260	-0.4	---	m_ ML	2.6
BUCH	1.64	118.7	Sg	22:23:16.860	-0.3	---	m_	
FREU	1.65	127.7	Pn	22:22:52.050	-0.7	---	m_ ML	2.8
FREU	1.65	127.7	Pg	22:22:56.180	0.2	---	m_	
FREU	1.65	127.7	Sg	22:23:17.000	-0.3	---	m_	
WBG	1.67	56.1	Pn	22:22:51.810	-1.2	---	m_ ML	2.9
WBG	1.67	56.1	Sn	22:23:12.890	-0.3	---	m_	
METMA	1.70	154.9	Pn	22:22:52.480	-1.0	---	m_ ML	2.3
METMA	1.70	154.9	Pg	22:22:56.470	-0.5	---	m_	
METMA	1.70	154.9	Sg	22:23:17.930	-1.1	---	m_	
BNS	1.70	359.9	Sn	22:23:12.785	-1.2	---	m_e	32.3 0.54
HGN	1.71	332.4	Pn	22:22:52.394	-1.1	---	m_e	
HGN	1.71	332.4	Sn	22:23:12.402	-1.6	---	m_e	
SLE	1.73	149.3	Pn	22:22:52.850	-1.0	---	mc_ ML	2.7
SLE	1.73	149.3	Pg	22:22:57.170	-0.3	---	m_	
SLE	1.73	149.3	Sg	22:23:19.170	-0.7	---	m_	
GUT	1.74	132.2	Pn	22:22:53.470	-0.6	---	m_ ML	2.6
GUT	1.74	132.2	Pg	22:22:57.940	0.1	---	m_	
GUT	1.74	132.2	Sn	22:23:14.150	-0.7	---	m_	
GUT	1.74	132.2	Sg	22:23:20.350	-0.0	---	m_	
EMING	1.75	140.4	Pn	22:22:53.590	-0.6	---	m_ ML	2.6
EMING	1.75	140.4	Pg	22:22:57.920	-0.0	---	m_	
EMING	1.75	140.4	Sg	22:23:19.970	-0.7	---	m_	
DEGG	1.79	110.4	Pn	22:22:54.210	-0.4	---	m_ ML	2.7
DEGG	1.79	110.4	Sg	22:23:21.340	-0.4	---	m_	
ZWI	1.80	123.0	Pn	22:22:54.490	-0.3	---	m_ ML	2.5
SULZ	1.84	160.0	Pg	22:22:59.110	-0.4	---	m_ ML	2.4
SULZ	1.84	160.0	Sg	22:23:22.910	-0.4	---	m_	
STEIN	1.94	144.2	Sg	22:23:26.420	-0.3	---	m_ ML	2.5
WALHA	1.98	138.7	Pn	22:22:57.545	0.3	---	m_e ML	2.7



BFO	1.40	340.3	Sn	05:48:08.295	-1.5	T__	m_e
BFO	1.40	340.3	Sg	05:48:10.425	-0.4	T__	m_e
BE1	1.73	57.8	Pg	05:47:58.461	-0.3	T__	m_e
BE1	1.73	57.8	Sg	05:48:21.829	0.7	T__	m_e

Event 30527004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/05/27	16:18:59.91	2.10	6.91	51.5800	16.2938	16.6	13.4	070	0.0	0.0	12	0	019			m i sr	ZAMG	30527014
2023/05/27	16:19:01.13	0.38	0.82	51.5040	16.1440	4.4	2.2	014	1.0f		32	15	200	0.67	3.61	m i ki	BGR	30527004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.2	20 ZAMG	30527014
ML	3.1	0.3	14 BGR	30527004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.67	171.9	Pg	16:19:14.517	0.8					T__				m_e ML	2.3
KSP	0.67	171.9	Sg	16:19:22.719	0.4					T__				m_e	
DPC	1.16	174.4	Pg	16:19:23.157	0.2					T__				m_e ML	3.4
DPC	1.16	174.4	Sg	16:19:37.783	-0.2					T__				m_e	
BRG	1.52	246.3	Pn	16:19:27.602	-1.0					T__				m_e ML	3.0
BRG	1.52	246.3	Pg	16:19:28.667	-1.1					T__				m_e	
BRG	1.52	246.3	Sg	16:19:49.453	0.1					T__				m_e	
MORC	1.94	152.3	Pn	16:19:34.427	0.0					T__				m_e ML	3.3
MORC	1.94	152.3	Sg	16:20:03.785	1.0					T__				m_e	
CLL	1.97	265.5	Pn	16:19:33.929	-0.9					T__				m_e ML	2.9
CLL	1.97	265.5	Sg	16:20:03.790	0.1					T__				m_e	
OKC	2.09	141.9	Sg	16:20:07.077	-0.6					T__				m_e ML	2.6
TANN	2.56	246.3	Pn	16:19:43.129	0.3					T__				m_e ML	3.2
TANN	2.56	246.3	Pg	16:19:49.411	-0.0					T__				m_e	
TANN	2.56	246.3	Sg	16:20:22.008	-0.5					T__				m_e	
WERD	2.64	247.9	Pn	16:19:43.568	-0.3					T__				m_e ML	3.1
WERD	2.64	247.9	Pg	16:19:51.581	0.8					T__				m_e	
WERD	2.64	247.9	Sg	16:20:24.952	0.1					T__				m_e	
OJC	2.64	117.7	Pn	16:19:41.940	-1.9					T__				m_e ML	3.1
OJC	2.64	117.7	Pg	16:19:49.578	-1.3					T__				m_e	
OJC	2.64	117.7	Sg	16:20:25.763	0.8					T__				m_e	
MANZ	2.97	240.8	Pn	16:19:48.887	0.5					T__				m_e ML	3.2
MANZ	2.97	240.8	Pg	16:19:57.891	0.8					T__				m_e	
MANZ	2.97	240.8	Sg	16:20:35.456	-0.0					T__				m_e	
ROTZ	3.04	236.7	Pn	16:19:49.940	0.6					T__				m_e ML	3.0
ROTZ	3.04	236.7	Sg	16:20:37.084	-0.7					T__				m_e	
GEC2	3.08	211.4	Pn	16:19:51.257	1.4					T__				m_e ML	3.2
GEC2	3.08	211.4	Sg	16:20:38.138	-1.0					T__				m_e	
WET	3.15	222.7	Pn	16:19:51.321	0.5					T__				m_e ML	3.1
CLZ	3.59	277.6	Pn	16:19:57.524	0.7					T__				m_e	
GRA1	3.61	241.8	Pn	16:19:58.334	1.3					T__				m_e ML	3.6
GRA1	3.61	241.8	Sg	16:20:56.695	0.9					T__				m_e	

## Event 30529004 Switzerland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/05/29	16:29:57.60	0.57	0.64	46.1840	7.6820	5.6	4.4	108	10.0f		30	12	307	1.15	4.69	m i ke	BGR	30529004

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.5	11 BGR	30529004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	1.15	0.4	Pg	16:30:18.902	-0.5					T__				m_e ML	2.9
BALST	1.15	0.4	Sg	16:30:33.931	-0.4					T__				m_e	
SULZ	1.38	12.2	Pn	16:30:22.460	0.3					T__				m_e ML	4.0
SULZ	1.38	12.2	Pg	16:30:24.386	0.8					T__				m_e	
SULZ	1.38	12.2	Sg	16:30:42.319	0.9					T__				m_e	
PLONS	1.45	52.8	Pg	16:30:24.515	-0.5					T__				m_e ML	2.5
PLONS	1.45	52.8	Sg	16:30:42.856	-1.0					T__				m_e	
METMA	1.58	14.1	Pn	16:30:24.849	-0.0					T__				m_e ML	2.7
METMA	1.58	14.1	Pg	16:30:27.314	-0.1					T__				m_e	
METMA	1.58	14.1	Sg	16:30:48.173	0.4					T__				m_e	
SLE	1.68	19.0	Pn	16:30:26.207	-0.0					T__				m_e ML	4.0
SLE	1.68	19.0	Pg	16:30:29.085	-0.2					T__				m_e	
SLE	1.68	19.0	Sg	16:30:51.176	0.2					T__				m_e	
BERGE	1.72	11.1	Pn	16:30:26.742	-0.1					T__				m_e ML	3.0
BERGE	1.72	11.1	Pg	16:30:29.811	-0.3					T__				m_e	
BERGE	1.72	11.1	Sg	16:30:52.124	-0.2					T__				m_e	
WALHA	1.85	31.6	Pg	16:30:32.743	0.2					T__				m_e ML	3.2
WALHA	1.85	31.6	Sg	16:30:56.945	0.5					T__				m_e	
EMING	1.89	24.5	Pn	16:30:29.312	0.2					T__				m_e ML	3.4
EMING	1.89	24.5	Pg	16:30:32.903	-0.3					T__				m_e	
EMING	1.89	24.5	Sg	16:30:57.755	0.2					T__				m_e	
BFO	2.19	11.3	Pn	16:30:32.811	-0.4					T__				m_e ML	2.5
BFO	2.19	11.3	Pg	16:30:37.925	-1.0					T__				m_e	
BFO	2.19	11.3	Sg	16:31:06.178	-1.1					T__				m_e	
UBR	2.23	47.0	Pg	16:30:39.921	0.2					T__				m_e ML	3.3
UBR	2.23	47.0	Sg	16:31:09.787	1.2					T__				m_e	
WET	4.58	47.9	Pn	16:31:06.571	1.0					T__				m_e ML	3.2
WET	4.58	47.9	Sg	16:32:22.851	-0.3					T__				m_e	
ROTZ	4.69	38.6	Pn	16:31:07.277	0.2					T__				m_e	
ROTZ	4.69	38.6	Pg	16:31:24.388	-1.6					T__				m_e	

## Event 30529008 Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/05/29	16:46:23.36	0.20	1.73	47.6802	15.9634	1.2	0.9	118	10.8	2.8	44	8	016			m i fe	ZAMG	30529018
2023/05/29	16:46:25.23	0.26	1.08	47.7430	15.9780	4.4	2.2	134	2.0f		53	33	167	0.58	5.53	m i ke	BGR	30529008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.2	27 ZAMG	30529018
ML	3.2	0.3	26 BGR	30529008

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



ARSA	0.58	212.1	Pg	16:46:34.097	-2.1	T__	m_e ML	3.0
ARSA	0.58	212.1	Sg	16:46:41.073	-2.6	T__	m_e	
MOA	1.16	275.9	Pg	16:46:45.759	-1.2	T__	m_e ML	2.8
MOA	1.16	275.9	Sg	16:47:02.283	0.4	T__	m_e	
KRUC	1.35	11.7	Pn	16:46:49.269	-1.1	T__	m_e ML	2.8
KRUC	1.35	11.7	Sg	16:47:08.016	-0.0	T__	m_e	
CKRC	1.55	314.7	Pn	16:46:53.001	-0.0	T__	m_e ML	3.5
CKRC	1.55	314.7	Sg	16:47:13.553	-0.8	T__	m_e	
OBKA	1.57	218.8	Pn	16:46:52.215	-1.1	T__	m_e	
OBKA	1.57	218.8	Sg	16:47:13.621	-1.5	T__	m_e	
BIOA	1.57	269.0	Pn	16:46:53.042	-0.4	T__	m_e ML	3.1
BIOA	1.57	269.0	Sg	16:47:15.173	-0.1	T__	m_e	
JAVC	1.59	44.6	Pn	16:46:53.583	0.0	T__	m_e ML	2.8
TREC	1.59	348.3	Pn	16:46:53.499	-0.1	T__	m_e ML	3.6
TREC	1.59	348.3	Sg	16:47:14.963	-0.6	T__	m_e	
VRAC	1.62	14.4	Pn	16:46:53.136	-0.9	T__	m_e ML	2.7
VRAC	1.62	14.4	Sg	16:47:15.306	-1.3	T__	m_e	
GEC2	1.87	306.9	Pn	16:46:57.739	0.3	T__	m_e ML	3.2
GEC2	1.87	306.9	Sg	16:47:23.023	-1.7	T__	m_e	
KBA	1.90	250.5	Pn	16:46:57.853	0.0	T__	m_e ML	2.8
KBA	1.90	250.5	Sg	16:47:24.970	-0.7	T__	m_e	
RJOB	2.14	271.0	Pn	16:47:01.672	0.6	T__	m_e ML	2.7
RJOB	2.14	271.0	Sg	16:47:33.537	0.3	T__	m_e	
LESA	2.25	263.1	Pn	16:47:03.169	0.6	T__	m_e ML	2.8
LESA	2.25	263.1	Sg	16:47:35.325	-1.4	T__	m_e	
MORC	2.28	26.3	Pn	16:47:02.405	-0.6	T__	m_e ML	3.2
PRU	2.44	337.7	Pn	16:47:06.359	1.3	T__	m_e ML	3.4
WET	2.49	305.4	Pn	16:47:08.035	2.2	T__	m_e ML	3.3
OKC	2.54	33.5	Pn	16:47:06.344	-0.1	T__	m_e	
DPC	2.62	4.8	Sg	16:47:47.739	-0.6	T__	m_e ML	3.7
WTTA	2.97	262.3	Pn	16:47:13.622	1.3	T__	m_e ML	3.1
FUR	3.18	279.3	Pn	16:47:16.607	1.5	T__	m_e ML	3.5
FUR	3.18	279.3	Sg	16:48:06.162	0.0	T__	m_e	
BE1	3.20	274.8	Pn	16:47:16.733	1.3	T__	m_e ML	3.4
BE1	3.20	274.8	Sg	16:48:07.646	0.8	T__	m_e	
SQTA	3.26	262.6	Pn	16:47:17.520	1.2	T__	m_e ML	3.1
MOTA	3.31	264.9	Pn	16:47:17.787	0.8	T__	m_e ML	3.1
ZUGS	3.39	266.3	Pn	16:47:18.932	0.9	T__	m_e	
MANZ	3.39	312.8	Sg	16:48:11.614	-1.4	T__	m_e ML	3.4
FETA	3.63	260.5	Pn	16:47:22.485	1.3	T__	m_e ML	2.9
FETA	3.63	260.5	Sg	16:48:22.104	1.7	T__	m_e	
UBR	3.95	271.3	Pn	16:47:26.421	0.8	T__	m_e ML	3.6
UBR	3.95	271.3	Sg	16:48:30.614	-0.1	T__	m_e	
DAVA	4.14	265.9	Pn	16:47:29.110	0.9	T__	m_e ML	3.3
DAVA	4.14	265.9	Sg	16:48:37.030	0.2	T__	m_e	
EMING	4.79	274.5	Pn	16:47:37.099	0.1	T__	m_e	
EMING	4.79	274.5	Sn	16:48:29.146	0.2	T__	m_e	
BFO	5.15	279.4	Pn	16:47:42.000	0.2	T__	m_e ML	3.4
BFO	5.15	279.4	Sn	16:48:37.427	0.1	T__	m_e	
BFO	5.15	279.4	Sg	16:49:09.522	0.8	T__	m_e	
METMA	5.19	272.5	Pn	16:47:42.243	-0.2	T__	m_e	
BERGE	5.24	274.3	Pn	16:47:42.955	-0.1	T__	m_e	
TNS	5.53	299.5	Pn	16:47:48.768	1.8	T__	m_e	

Event 30529006 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
2023/05/29	19:16:33.00	0.79	0.41	47.4398	7.0663				5.0f		33	29	321	2.56	3.98	m i ke	BNS	30529026
2023/05/29	19:16:31.80	0.38	0.53	47.4140	6.9040	3.3	2.2	037	10.0f		43	24	247	0.54	2.99	m i ke	BGR	30529016
2023/05/29	19:16:31.66	0.09	0.19	47.3730	6.9000	2.1	0.8	322	10.0f		28	24	143	0.21	3.48	m i ke	LED	30529006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4		BNS	30529026
ML	3.6	0.4	14 BGR	30529016
ML	3.7	0.2	76 LED	30529006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
CHMF	0.21	233.6	Pg	19:16:36.100	0.1					T__				md_ ML	3.3
CHMF	0.21	233.6	Sg	19:16:39.340	0.4					T__				m__	
ILLF	0.39	37.8	Pg	19:16:39.330	0.1					T__				md_ ML	3.7
ILLF	0.39	37.8	Sg	19:16:45.010	0.6					T__				m__	
WEIL	0.52	64.8	Pg	19:16:41.870	0.2					T__				m__ ML	3.2
MUTEZ	0.52	75.0	Pg	19:16:41.840	0.2					T__				mc_	
BALST	0.54	93.6	Pg	19:16:42.020	0.1					T__				m__ ML	3.4
BALST	0.54	93.6	Sg	19:16:49.131	0.1					__				m_e	
LOES	0.57	65.6	Pg	19:16:42.660	0.2					T__				mc_ ML	3.4
HAUIG	0.61	61.7	Pg	19:16:43.190	-0.1					T__				mc_ ML	4.2
HAUIG	0.61	61.7	Sn	19:16:54.818	-0.8					__				m_e	
WALT	0.64	23.0	Pg	19:16:43.980	0.1					T__				md_ ML	3.9
ENDD	0.66	58.5	Pg	19:16:43.910	-0.3					T__				mc_ ML	3.6
BREM	0.73	42.1	Pg	19:16:45.820	0.3					T__				m__ ML	3.8
STAU	0.75	48.2	Pg	19:16:45.870	-0.0					T__				m__ ML	3.3
BREI	0.81	34.8	Pg	19:16:47.310	0.4					T__				m__ ML	3.6
SULZ	0.83	78.8	Pg	19:16:47.370	-0.1					T__				m__ ML	3.5
VOGT	0.88	35.9	Pn	19:16:48.350	-1.1					T__				m__ ML	3.8
FBB	0.90	45.2	Pn	19:16:48.680	-1.0					T__				m__ ML	3.7
FELD	0.90	55.5	Pn	19:16:48.410	-1.3					T__				m__ ML	3.8
FELD	0.90	55.5	Sn	19:17:00.090	-2.3					T__				m__	
FREI	0.90	44.6	Pn	19:16:48.660	-1.1					T__				m__ ML	3.7
KIZ	0.90	49.2	Pn	19:16:48.330	-1.4					T__				md_ ML	3.8
KIZ	0.90	49.2	Sn	19:17:00.450	-2.0					T__				m__	
METMA	0.97	69.1	Pn	19:16:49.610	-1.1					T__				m__ ML	3.6
METMA	0.97	69.1	Sg	19:17:02.460	-0.3					__				m_e	
BERGE	1.00	59.5	Pn	19:16:50.140	-0.9					T__				mc_ ML	3.7
BERGE	1.00	59.5	PmP	19:16:50.980	-1.3					__				m__	
BERGE	1.00	59.5	Sg	19:17:03.435	0.0					__				m_e	
ZELS	1.05	27.6	Pn	19:16:51.010	-0.8					T__				mc_ ML	4.0
WLS	1.08	16.1	Pn	19:16:51.560	-0.7					T__				m__ ML	3.9
WLS	1.08	16.1	Sg	19:17:06.134	-0.1					__				m_e	
SLE	1.14	69.3	Pn	19:16:52.230	-0.8					T__				mc_ ML	3.9
SLE	1.14	69.3	Pg	19:16:53.468	0.2					__				m_e	
SLE	1.14	69.3	Sg	19:17:08.100	-0.0					__				m_e	
HOHE	1.34	16.7	Pn	19:16:54.860	-0.9					T__				mc_ ML	3.9
BFO	1.36	44.5	Pn	19:16:54.720	-1.2					__				mc_ ML	3.7
BFO	1.36	44.5	Sn	19:17:12.142	-1.0					__				m_e	

WILA	1.36	87.5	Pn	19:16:56.100	0.1	---	m__ ML	3.9
WILA	1.36	87.5	Sg	19:17:15.561	0.6	---	m_e	
STEIN	1.36	76.7	Pn	19:16:55.680	-0.3	---	m__ ML	3.6
EMING	1.41	67.6	Pn	19:16:55.920	-0.8	---	mc_ ML	3.6
EMING	1.41	67.6	Pg	19:16:58.164	-0.2	---	m_e	
OPP	1.42	37.0	Pn	19:16:55.740	-1.0	---	mc_ ML	3.9
ROTE	1.42	56.1	Pn	19:16:55.790	-1.1	---	mc_ ML	3.9
CIEL	1.49	11.8	Pn	19:16:56.969	-0.8	---	m_e	
WALHA	1.55	75.0	Pn	19:16:58.080	-0.4	---	m__ ML	3.8
WALHA	1.55	75.0	Pg	19:17:00.798	-0.1	---	m_e	
BABA	1.60	32.2	Pn	19:16:57.710	-1.5	---	m__ ML	3.6
MSS	1.60	59.1	Pg	19:16:58.360	-3.5	---	m__ ML	3.6
GUT	1.65	64.1	Pn	19:16:58.960	-0.9	---	mc_ ML	3.6
IRRE	1.65	55.7	Pn	19:16:58.920	-0.9	---	mc_ ML	3.8
ROMAN	1.66	82.5	Pn	19:17:00.010	-0.0	---	m__ ML	3.7
PLONS	1.72	100.0	Pn	19:17:01.758	0.9	---	m_e ML	3.4
PLONS	1.72	100.0	Sn	19:17:21.928	0.3	---	m_e	
FREU	1.73	59.3	Pn	19:17:00.010	-1.0	---	mc_ ML	3.7
LEMB	1.76	18.7	Pn	19:17:00.435	-0.9	---	m_e	
LIENZ	1.76	91.6	Pn	19:17:02.240	0.8	---	mc_ ML	3.7
NEEW	1.77	26.5	Pn	19:17:00.850	-0.8	---	m__ ML	3.8
PEB	1.78	17.5	Pn	19:17:00.700	-1.0	---	mc_ ML	3.8
TUBL	1.86	51.0	Pn	19:17:01.260	-1.5	---	m__ ML	3.5
GALG	1.89	41.0	Pn	19:17:01.970	-1.2	---	m__ ML	3.4
ZWI	1.93	61.8	Pn	19:17:02.550	-1.1	---	m__ ML	3.6
ROTT	1.94	24.9	Pn	19:17:03.010	-0.9	---	m__ ML	3.4
BUCH	1.97	55.9	Pn	19:17:03.200	-1.0	---	mc_ ML	3.7
LDE	1.98	24.1	Pn	19:17:03.730	-0.7	---	m__ ML	3.7
A104C	2.00	66.9	Pn	19:17:04.150	-0.5	---	m__ ML	3.7
DAVA	2.02	91.4	Pn	19:17:05.900	0.9	---	mc_ ML	3.8
BRET	2.03	35.4	Pn	19:17:04.040	-1.0	---	m__ ML	3.8
MESL	2.04	21.1	Pn	19:17:03.950	-1.3	---	m__ ML	3.9
STU	2.07	46.8	Pn	19:17:04.506	-1.2	---	m_e	
UBR	2.19	80.7	Pn	19:17:07.670	0.5	---	m__ ML	3.7
UBR	2.19	80.7	Pg	19:17:13.417	0.5	---	m_e	
UBR	2.19	80.7	Sn	19:17:32.684	-0.0	---	m_e	
DEGG	2.25	55.7	Pn	19:17:06.880	-1.2	---	mc_ ML	3.5
OBER	2.30	87.9	Pn	19:17:09.560	0.9	---	m__ ML	3.8
URBA	2.32	49.8	Pn	19:17:07.350	-1.6	---	m__ ML	3.5
IMS	2.32	16.3	Pn	19:17:07.850	-1.1	---	m__ ML	3.8
RIVT	2.34	357.9	Pn	19:17:09.830	0.6	---	m__ ML	3.3
RIVT	2.34	357.9	Sg	19:17:44.165	-1.8	---	m_e	
WLF	2.34	348.1	Pn	19:17:10.520	1.2	---	m__ ML	3.7
WLF	2.34	348.1	Sg	19:17:45.215	-1.0	---	m_e	
HDH	2.52	60.1	Pn	19:17:10.000	-1.8	---	m__ ML	3.6
ABH	2.54	9.4	Pn	19:17:11.720	-0.3	---	m__ ML	3.4
ABH	2.54	9.4	Pg	19:17:18.582	-1.1	---	m_e	
ABH	2.54	9.4	Sg	19:17:51.093	-1.5	---	m_e	
VIA	2.60	350.1	Pn	19:17:14.298	1.4	---	m_e	
WBA	2.61	28.4	Pn	19:17:11.370	-1.6	---	m__ ML	3.3
GWBO	2.66	15.3	Pn	19:17:13.876	0.2	---	m_e	
SIND	2.67	41.3	Pn	19:17:12.410	-1.4	---	m__ ML	3.7
WILW	2.69	347.6	Pn	19:17:15.310	1.4	---	m__ ML	3.5
BEUR	2.71	2.4	Pn	19:17:15.030	0.8	---	m__ ML	3.3

KLB	2.78	349.5	Pn	19:17:16.233	1.0	---	m_e												
WOER	2.78	52.5	Pn	19:17:13.530	-1.7	---	m__ ML												3.4
GWBD	2.82	13.2	Pn	19:17:15.330	-0.4	---	m__ ML												3.0
BGG	2.85	5.6	Pn	19:17:16.852	0.7	---	m_e												
GWBE	2.86	16.7	Pn	19:17:15.700	-0.6	---	m__ ML												3.0
PYRM	2.88	4.9	Pn	19:17:16.640	0.1	---	m__ ML												3.4
NAST	2.89	12.3	Pn	19:17:16.762	0.0	---	m_e												
MILB	2.92	31.9	Pn	19:17:15.490	-1.7	---	m__ ML												3.6
MUEZ	2.92	351.8	Pn	19:17:18.340	1.2	---	m__ ML												3.5
HILG	2.92	357.2	Pn	19:17:17.720	0.5	---	m__												
DEP19	2.95	8.6	Pn	19:17:17.760	0.2	---	m__												
KOGO	2.98	6.9	Pn	19:17:18.160	0.2	---	m__ ML												3.3
OCHT	2.98	5.6	Pn	19:17:18.150	0.2	---	m__ ML												3.3
RCHB	2.99	339.0	Pn	19:17:19.735	1.6	---	m_e												
TNS	3.03	19.1	Pn	19:17:17.860	-0.7	---	m__ ML												3.5
FACH	3.07	13.2	Pn	19:17:19.040	-0.1	---	m__ ML												3.3
KOE	3.10	9.8	Pn	19:17:20.135	0.6	---	m_e												
BEDO	3.12	8.2	Pn	19:17:19.800	-0.1	---	m__ ML												3.7
OLFT	3.14	354.4	Pn	19:17:20.933	0.9	---	m_e												
GWBC	3.15	16.1	Pn	19:17:19.750	-0.5	---	m_e												
AHRW	3.17	2.0	Pn	19:17:20.880	0.4	---	m__ ML												3.4
AHRW	3.17	2.0	Sn	19:17:57.299	1.5	---	m_e	492.9	0.46										
MRG	3.18	350.5	Pn	19:17:21.893	1.2	---	m_e												
TDN	3.20	0.5	Pn	19:17:21.963	1.0	---	m_e												
WBG	3.23	29.0	Pn	19:17:19.700	-1.6	---	m__ ML												3.7
MEM	3.29	350.1	Pn	19:17:23.240	1.1	---	m__ ML												3.2
MEM	3.29	350.1	Sn	19:18:00.361	1.8	---	m_e	95.7	0.77										
KLL	3.30	353.5	Pn	19:17:23.018	0.8	---	m_e												
DREG	3.32	352.6	Pn	19:17:23.195	0.7	---	m_e												
DREG	3.32	352.6	Sn	19:18:00.972	1.7	---	m_e	68.2	1.00										
WBFO	3.35	16.8	Sn	19:18:02.171	2.1	---	m_e												
GSH	3.38	354.4	Pn	19:17:24.150	0.8	---	m_e												
BIW	3.41	10.0	Pn	19:17:24.200	0.4	---	m_e												
BA02	3.43	352.7	Pn	19:17:24.965	0.9	---	m_e												
GRC1	3.48	60.5	Pn	19:17:23.590	-1.2	---	m__ ML												3.4
HOBG	3.62	4.3	Pn	19:17:27.267	0.6	---	m_e												
ENTS	3.88	4.7	Pn	19:17:30.349	0.2	---	m_e												
LAUG	3.98	0.4	Pn	19:17:31.867	0.4	---	m_e												
LAUG	3.98	0.4	Sn	19:18:18.320	3.6	---	m_e	41.8	0.92										
HES	4.00	1.3	Pn	19:17:32.407	0.7	---	m_e												
SORT	4.04	9.5	Pn	19:17:32.222	-0.1	---	m_e												
SORT	4.04	9.5	Sn	19:18:18.314	2.1	---	m_e												
BPFI	4.05	2.9	Pn	19:17:33.140	0.7	---	m_e												

Event 30530003 Laufenburg, N of Brugg/CH, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2023/05/30	14:12:15.11	0.38	1.09	47.4263	8.1986	1.5	1.4	053	13.2	9.2	25	6	043			m i uk	ZAMG	30530023
2023/05/30	14:12:16.17	0.31	0.41	47.4160	8.1830	2.2	2.2	011	10.0f		24	13	143	0.12	1.33	m i ke	BGR	30530013
2023/05/30	14:12:15.89	0.09	0.21	47.4220	8.1710	1.1	0.7	356	18.0	2.0	60	36	157	0.11	1.42	m i ke	LED	30530003

(#PRIME)

Magnitude Err Nsta Author OrigID

ML	2.2	0.5	6	ZAMG	30530023
ML	2.1	0.4	12	BGR	30530013
ML	2.4	0.2	35	LED	30530003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SULZ	0.11	339.8	Pg	14:12:19.740	0.1					T__				md_ ML	2.5
SULZ	0.11	339.8	Sg	14:12:22.640	0.5					T__				m__	
METMA	0.30	10.7	Pg	14:12:22.180	-0.1					T__				md_ ML	2.1
METMA	0.30	10.7	Sg	14:12:26.710	0.1					T__				m__	
BALST	0.33	255.2	Pg	14:12:22.710	-0.2					T__				mc_ ML	2.4
BALST	0.33	255.2	Sg	14:12:27.830	0.2					T__				m__	
MUTEZ	0.36	283.6	Pg	14:12:23.450	0.1					T__				mc_	
MUTEZ	0.36	283.6	Sg	14:12:28.790	0.3					T__				m__	
LOES	0.39	298.4	Pg	14:12:23.880	0.1					T__				mc_ ML	2.3
HAUIG	0.40	307.0	Pg	14:12:23.950	-0.0					T__				mc_ ML	2.6
HAUIG	0.40	307.0	Sg	14:12:29.720	0.2					T__				m__	
SLE	0.41	32.2	Pg	14:12:24.080	-0.1					T__				md_ ML	2.7
SLE	0.41	32.2	Sg	14:12:29.870	0.1					T__				m__	
ENDD	0.41	315.2	Pg	14:12:24.260	-0.0					T__				md_ ML	2.9
ENDD	0.41	315.2	Sg	14:12:30.220	0.2					T__				m__	
BERGE	0.45	0.6	Pg	14:12:24.890	-0.0					T__				md_ ML	2.0
BERGE	0.45	0.6	Sg	14:12:30.904	-0.2					___				m_e	
FELD	0.47	346.2	Pg	14:12:25.240	0.0					T__				md_ ML	2.4
FELD	0.47	346.2	Sg	14:12:31.750	0.1					T__				m__	
WILA	0.50	90.6	Pg	14:12:25.700	-0.1					T__				mc_ ML	1.7
STEIN	0.53	62.0	Pg	14:12:26.350	-0.0					T__				mc_ ML	2.2
STEIN	0.53	62.0	Sg	14:12:34.080	0.5					T__				m__	
KIZ	0.56	342.4	Pg	14:12:26.800	-0.1					T__				md_ ML	2.5
KIZ	0.56	342.4	Sg	14:12:34.480	0.1					T__				m__	
KIZ	0.56	342.4	SmS	14:12:35.600	-1.8					T__				m__	
BREM	0.61	323.4	Pg	14:12:28.150	0.3					T__				m__ ML	2.5
BREM	0.61	323.4	Sg	14:12:36.990	1.0					T__				m__	
FBB	0.62	339.9	Pg	14:12:27.880	-0.0					T__				md_ ML	2.4
FBB	0.62	339.9	Sg	14:12:36.250	0.1					T__				m__	
EMING	0.66	43.6	Pg	14:12:28.570	-0.1					T__				md_ ML	2.7
EMING	0.66	43.6	Sg	14:12:37.412	0.0					___				m_e	
ILLF	0.67	293.2	Sg	14:12:38.010	0.2					T__				m__ ML	2.5
WALHA	0.72	62.4	Pg	14:12:29.700	-0.1					T__				mc_ ML	2.2
WALHA	0.72	62.4	Sg	14:12:39.550	0.1					T__				m__	
VOGT	0.74	333.1	Pg	14:12:30.190	0.0					T__				m__ ML	2.5
ROMAN	0.80	79.3	Pg	14:12:31.190	-0.1					T__				m__ ML	2.3
ROMAN	0.80	79.3	Sg	14:12:41.800	-0.0					T__				m__	
ROTE	0.80	24.5	Pg	14:12:30.400	-1.0					T__				m__ ML	2.7
ROTE	0.80	24.5	Sg	14:12:41.930	-0.0					T__				m__	
WALT	0.81	312.4	Sg	14:12:42.350	0.2					T__				m__ ML	2.2
PLONS	0.90	114.0	Pg	14:12:32.764	-0.4					___				m_e ML	1.6
PLONS	0.90	114.0	Sg	14:12:44.549	-0.5					___				m_e	
LIENZ	0.91	97.5	Pg	14:12:33.180	-0.0					T__				mc_ ML	2.2
LIENZ	0.91	97.5	Sg	14:12:45.710	0.6					T__				m__	
GUT	0.91	44.0	Pg	14:12:32.070	-1.2					T__				m__ ML	2.7
BFO	0.91	6.6	Pn	14:12:31.860	-1.4					T__				m__ ML	2.2
BFO	0.91	6.6	Pg	14:12:32.930	-0.5					T__				m__	
BFO	0.91	6.6	Sg	14:12:45.190	-0.2					T__				m__	
MSS	0.92	34.8	Sg	14:12:45.910	0.2					T__				m__ ML	2.5

ZELS	0.95	337.9	Pg	14:12:33.810	-0.3	T__	m__	ML	2.3
TETT	1.00	75.7	Pg	14:12:34.960	-0.1	T__	m__	ML	2.1
IRRE	1.00	30.8	Pn	14:12:33.180	-1.3	T__	m__	ML	2.4
IRRE	1.00	30.8	Sn	14:12:46.490	-1.1	T__	m__		
FREU	1.04	38.2	Pn	14:12:33.620	-1.3	T__	md__	ML	2.5
FREU	1.04	38.2	Sg	14:12:49.280	-0.1	T__	m__		
CHMF	1.04	261.0	Pn	14:12:34.190	-0.8	T__	m__	ML	1.8
CHMF	1.04	261.0	Pg	14:12:35.370	-0.4	T__	m__		
OPP	1.08	0.6	Pg	14:12:35.550	-0.8	T__	m__	ML	1.8
WLS	1.13	331.4	Sg	14:12:51.750	-0.5	T__	m__	ML	2.2
ZWI	1.20	45.3	Sg	14:12:53.470	-0.8	T__	m__	ML	2.5
BUCH	1.30	37.2	Pn	14:12:37.030	-1.4	T__	m__	ML	2.5
BUCH	1.30	37.2	Sg	14:12:57.140	-0.3	T__	m__		
UBR	1.33	78.1	Pg	14:12:40.900	-0.3	T__	m__	ML	2.2
UBR	1.33	78.1	Sg	14:12:58.700	0.2	T__	m__		
GALG	1.42	16.4	Sg	14:13:00.260	-1.1	---	m__	ML	2.2

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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