

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 90103002 Konstanz/Lake of Constance

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/03	20:44:09.50	0.05	0.63	47.6058	9.2087	1.1	1.0	030	20.0f		108	15	065			m i ke	LDG	90103032
2019/01/03	20:44:09.16	0.48	0.21	47.6260	9.2130				10.2	3.5	27	14	212	0.26	2.64	m i ke	BUG	90103022
2019/01/03	20:44:09.69	0.21		47.6200	9.2150	2.2	1.1	019	21.6	1.0	31	18	056	0.15	1.68	m i ke	BGR	90103012
2019/01/03	20:44:09.77	0.07	0.16	47.6100	9.2290	0.8	0.6	029	19.0	2.0	71	33	078	0.16	2.06	m i ke	LED	90103002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.3	15 LDG	90103032
MD	2.5	0.3	11 BUG	90103022
ML	3.0	0.3	11 BUG	90103022
ML	1.9	0.4	18 BGR	90103012
ML	2.2	0.3	38 LED	90103002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
WALHA	0.16	333.5	Pg	20:44:14.300	0.1					T__				mci	ML	2.4
WALHA	0.16	333.5	Sg	20:44:17.820	0.6					T__				m__		
STEIN	0.25	284.0	Pg	20:44:15.620	0.1					T__				mc_	ML	2.2
STEIN	0.25	284.0	Sg	20:44:20.060	0.7					T__				m__		
A103C	0.26	46.7	Pg	20:44:15.680	-0.0					___		1.2		m__	ML	2.2
A103C	0.26	46.7	Sg	20:44:19.730	-0.0					___				m__		
TETT	0.26	79.0	Pg	20:44:15.710	0.0					T__				mc_	ML	2.1
TETT	0.26	79.0	Sg	20:44:20.390	0.6					T__				m__		
A103D	0.29	48.4	Pg	20:44:16.080	-0.0					___		0.5		m__	ML	2.8
A103D	0.29	48.4	Sg	20:44:20.860	0.4					___				m__		
WILA	0.29	228.1	Pg	20:44:16.210	0.1					T__				mci	ML	2.7
WILA	0.29	228.1	Sg	20:44:21.160	0.6					T__				m__		
LIENZ	0.36	150.2	Pg	20:44:17.470	0.2					T__				mdi	ML	1.5
LIENZ	0.36	150.2	Sg	20:44:23.320	0.8					T__				m__		
EMING	0.38	318.1	Pg	20:44:17.710	0.0					T__				m__	ML	2.4
EMING	0.38	318.1	Sg	20:44:23.590	0.5					T__				m__		
GUT	0.47	350.6	Pg	20:44:19.000	-0.1					T__				m__	ML	2.3
GUT	0.47	350.6	Sg	20:44:26.060	0.5					T__				m__		
SLE	0.52	287.8	Pg	20:44:19.950	-0.1					T__				mci	ML	3.1
SLE	0.52	287.8	Sg	20:44:27.170	0.0					T__				m__		
A102A	0.53	357.9	Pg	20:44:20.130	-0.1					___		0.6		m__	ML	2.5
A102A	0.53	357.9	Sg	20:44:27.770	0.3					___				m__		
DAVA	0.55	126.0	Pg	20:44:20.640	0.1					T__				m__	ML	1.9
DAVA	0.55	126.0	Sg	20:44:28.080	0.1					T__				m__		
PLONS	0.57	169.5	Pg	20:44:20.780	-0.2					___				m_e	ML	1.2
PLONS	0.57	169.5	Sg	20:44:28.875	0.2					___				m_e		
A104C	0.59	28.9	Pg	20:44:21.220	-0.1					___		0.4		m__	ML	2.4
A104C	0.59	28.9	Sg	20:44:29.550	0.2					___				m__		
MSS	0.60	342.6	Pg	20:44:21.380	-0.1					T__				mdi	ML	1.9
MSS	0.60	342.6	Sg	20:44:29.820	0.4					T__				m__		
UBR	0.60	82.9	Pg	20:44:21.530	0.1					T__				m__	ML	2.0
UBR	0.60	82.9	Sg	20:44:30.200	0.7					T__				m__		
FREU	0.63	354.4	Pg	20:44:21.820	-0.2					T__				md_	ML	1.6
FREU	0.63	354.4	Sg	20:44:30.660	0.2					T__				m__		
ROTE	0.66	325.6	Pg	20:44:22.370	-0.2					T__				md_	ML	2.7

ROTE	0.66	325.6	Sg	20:44:31.330	-0.1	T__	m__	
ZWI	0.66	12.7	Pg	20:44:22.380	-0.3	T__	md_ ML	1.8
METMA	0.67	279.2	Pg	20:44:22.380	-0.3	T__	mc_ ML	1.9
METMA	0.67	279.2	Sg	20:44:31.380	-0.2	T__	m__	
A101B	0.68	318.4	Pg	20:44:22.720	-0.3	___	m__ ML	2.4
A101B	0.68	318.4	Sg	20:44:31.830	-0.3	___	m__	
A105A	0.75	105.4	Pg	20:44:24.220	0.0	___	m__ ML	2.3
A105A	0.75	105.4	Sg	20:44:34.830	0.7	___	m__	
OBER	0.75	105.4	Pg	20:44:24.220	0.0	T__	m__ ML	2.1
OBER	0.75	105.4	Sg	20:44:34.810	0.7	T__	m__	
BERGE	0.75	290.7	Pn	20:44:24.050	-0.8	T__	mc_ ML	2.4
BERGE	0.75	290.7	Sn	20:44:33.720	-1.7	T__	m__	
SULZ	0.76	264.3	Pn	20:44:23.860	-1.0	T__	m__ ML	1.8
SULZ	0.76	264.3	Pg	20:44:24.350	-0.1	T__	m__	
SULZ	0.76	264.3	Sg	20:44:34.830	0.4	T__	m__	
A107D	0.77	57.5	Pg	20:44:24.060	-0.5	___	m__ ML	2.5
A107D	0.77	57.5	Sg	20:44:35.270	0.6	___	m__	
A107C	0.77	57.5	Pg	20:44:24.130	-0.5	___	m__	
A107C	0.77	57.5	Sg	20:44:35.470	0.6	___	m__	
A108A	0.84	28.4	Pg	20:44:25.510	-0.4	___	m__ ML	2.6
A108A	0.84	28.4	Sg	20:44:37.040	0.0	___	m__	
BUCH	0.84	5.6	Pg	20:44:25.420	-0.6	T__	m__ ML	2.6
BUCH	0.84	5.6	Sg	20:44:37.180	0.1	T__	m__	
A109A	0.85	10.3	Pg	20:44:25.530	-0.5	___	m__ ML	2.5
A109A	0.85	10.3	Sg	20:44:37.220	-0.0	___	m__	
FELD	0.87	288.4	Pn	20:44:25.290	-1.0	T__	mc_ ML	2.5
FELD	0.87	288.4	Pg	20:44:26.040	-0.4	T__	m__	
FELD	0.87	288.4	Sn	20:44:36.250	-1.8	T__	m__	
FELD	0.87	288.4	Sg	20:44:37.550	-0.3	T__	m__	
A100A	0.87	346.6	Pg	20:44:25.700	-0.7	___	m__ ML	2.5
A100A	0.87	346.6	Sg	20:44:37.710	-0.1	___	m__	
TUBL	0.92	353.9	Pg	20:44:26.400	-1.0	T__	m__ ML	2.3
TUBL	0.92	353.9	Sg	20:44:38.840	-0.6	T__	m__	
BFO	0.94	320.4	Pg	20:44:26.910	-0.8	T__	m__ ML	2.3
BFO	0.94	320.4	Sg	20:44:39.360	-0.7	T__	m__	
KIZ	0.95	291.9	Pg	20:44:27.180	-0.7	T__	m__ ML	2.5
KIZ	0.95	291.9	Sg	20:44:39.610	-0.7	T__	m__	
FBB	1.00	293.5	Sg	20:44:41.400	-0.7	T__	m__ ML	2.6
RETA	1.04	96.2	P*	20:44:29.040		T__	m__ ML	1.7
RETA	1.04	96.2	Sg	20:44:43.480	0.2	T__	m__	
DEGG	1.05	17.8	Pn	20:44:27.420	-1.4	T__	m__ ML	2.1
DEGG	1.05	17.8	Pg	20:44:29.090	-0.7	T__	m__	
DEGG	1.05	17.8	Sg	20:44:42.960	-0.6	T__	m__	
BALST	1.07	255.8	Pn	20:44:28.210	-0.9	T__	mc_ ML	1.8
BALST	1.07	255.8	Pg	20:44:29.750	-0.5	T__	m__	
BALST	1.07	255.8	Sn	20:44:42.040	-0.8	T__	m__	
BALST	1.07	255.8	Sg	20:44:43.760	-0.5	T__	m__	
OPP	1.13	322.2	Pn	20:44:29.060	-0.8	T__	m__ ML	2.1
OPP	1.13	322.2	Pg	20:44:30.070	-1.2	T__	m__	
OPP	1.13	322.2	Sn	20:44:42.090	-2.1	T__	m__	
OPP	1.13	322.2	Sg	20:44:44.660	-1.4	T__	m__	
VOGT	1.15	294.8	Pg	20:44:30.910	-0.7	T__	m__ ML	2.3
VOGT	1.15	294.8	Sg	20:44:45.880	-0.7	T__	m__	
STU	1.16	358.8	Sg	20:44:45.953	-1.1	___	m_e ML	1.7

HDH	1.17	33.5	Sg	20:44:46.400	-1.0	T__	m__	ML	2.4
A106B	1.19	15.9	Sg	20:44:47.120	-0.8	___	m__		
GALG	1.21	345.9	Pn	20:44:29.850	-1.2	T__	md__	ML	2.1
GALG	1.21	345.9	Pg	20:44:31.660	-1.2	T__	m__		
GALG	1.21	345.9	Sg	20:44:47.600	-1.1	T__	m__		
URBA	1.25	10.8	Sg	20:44:48.710	-1.2	T__	m__	ML	2.2
PART	1.28	94.4	Sg	20:44:50.188	-0.6	___	m_e	ML	1.7
BABA	1.31	328.4	Pg	20:44:33.120	-1.5	T__	m__	ML	1.9
BABA	1.31	328.4	Sg	20:44:49.810	-1.8	T__	m__		
BOURR	1.37	261.7	Pn	20:44:32.260	-0.9	___	m__	ML	2.2
BOURR	1.37	261.7	Pg	20:44:35.180	-0.5	___	m__		
NORI	1.45	39.5	Sg	20:44:55.103	-1.0	___	m_e	ML	2.1
FUR	1.48	67.3	Pg	20:44:36.700	-1.1	___	m__	ML	1.8
FUR	1.48	67.3	Sg	20:44:56.819	-0.3	___	m_e		
ECH	1.51	294.4	Sn	20:44:50.890	-2.4	___	m__		
WOER	1.57	25.7	Sn	20:44:53.030	-1.4	___	m__	ML	1.8
WTTA	1.66	101.1	Sg	20:45:02.156	-0.8	___	m_e	ML	1.6
PEB	1.77	326.0	Pn	20:44:38.160	-0.4	___	m__	ML	2.3
CHMF	1.78	259.2	Pn	20:44:37.880	-0.9	___	m__	ML	1.7
GRC1	2.06	46.9	Pn	20:44:40.620	-1.9	___	m__	ML	2.2
TNS	2.66	349.2	Pn	20:44:50.080	-0.6	___	m__		

Event 90103007 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/03	20:57:12.95	1.34	1.99	51.4791	16.2187	10.3	7.9	072	0.0	0.0	19	3	014			m i sr	ZAMG	90103017
2019/01/03	20:57:14.71	0.40	0.57	51.4640	16.1000	4.4	2.2	014	1.0f		28	13	210	0.63	3.57	m i ki	BGR	90103007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.1	3 ZAMG	90103017
ML	2.9	0.3	13 BGR	90103007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.63	168.9	Pg	20:57:26.740	0.1					T__				m_e	ML 2.3
KSP	0.63	168.9	Sg	20:57:35.500	0.7					T__				m_e	
DPC	1.12	172.7	Pg	20:57:35.604	-0.3					T__				m_e	ML 3.3
DPC	1.12	172.7	Sg	20:57:50.588	0.2					T__				m_e	
BRG	1.48	247.2	Pg	20:57:42.233	-0.3					T__				m_e	ML 2.7
BRG	1.48	247.2	Sg	20:58:02.791	1.2					T__				m_e	
FBE	1.80	253.6	Pg	20:57:48.091	-0.6					T__				m_e	ML 2.6
FBE	1.80	253.6	Sg	20:58:12.491	0.5					T__				m_e	
CLL	1.94	266.6	Pn	20:57:47.567	-0.4					T__				m_e	ML 2.8
CLL	1.94	266.6	Pg	20:57:50.276	-1.0					T__				m_e	
CLL	1.94	266.6	Sg	20:58:17.154	0.8					T__				m_e	
OKC	2.08	140.6	Sg	20:58:20.009	-0.8					T__				m_e	ML 2.6
TANN	2.52	246.8	Pn	20:57:56.475	0.6					T__				m_e	ML 3.1
TANN	2.52	246.8	Pg	20:58:02.375	0.2					T__				m_e	
TANN	2.52	246.8	Sg	20:58:34.664	-0.1					T__				m_e	
WERD	2.60	248.4	Pn	20:57:57.440	0.6					T__				m_e	ML 3.0
WERD	2.60	248.4	Pg	20:58:03.742	0.1					T__				m_e	
WERD	2.60	248.4	Sg	20:58:36.767	-0.4					T__				m_e	

OJC	2.65	116.6	Pn	20:57:57.205	-0.3	T__	m_e	ML	3.0
OJC	2.65	116.6	Pg	20:58:04.583	0.0	T__	m_e		
OJC	2.65	116.6	Sg	20:58:39.636	0.9	T__	m_e		
MOX	2.93	255.5	Pn	20:58:02.312	0.9	T__	m_e	ML	3.1
MOX	2.93	255.5	Pg	20:58:10.001	-0.0	T__	m_e		
MOX	2.93	255.5	Sg	20:58:48.110	0.2	T__	m_e		
GEC2	3.04	211.3	Pg	20:58:12.158	0.2	T__	m_e	ML	3.0
GEC2	3.04	211.3	Sg	20:58:51.333	0.2	T__	m_e		
WET	3.10	222.8	Sg	20:58:52.508	-0.7	T__	m_e	ML	3.0
GRA1	3.57	242.1	Sg	20:59:08.671	0.6	T__	m_e	ML	3.4

Event 90104002 Schwaebisch Hall

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/04	22:02:18.60	0.22	0.15	48.6030	9.8841	8.0	3.2	174	25.0f		8	3	345			m i ke	LDG	90104052
2019/01/04	22:02:19.14	0.51	1.24	48.9577	9.8218	4.1	2.1	174	8.0	0.0	15	2	041			m i uk	ZAMG	90104042
2019/01/04	22:02:21.72	0.96	0.24	48.9690	9.6400				13.0	4.1	14	8	284	0.22	1.12	m i ke	BUG	90104032
2019/01/04	22:02:20.80		0.89	49.0600	9.6400				20.0	6.0	31	18	155			m i ke	HLNUG	90104022
2019/01/04	22:02:20.99	0.37		49.0500	9.7000	3.3	2.2	129	22.9	0.8	26	17	078	0.43	2.08	m i ke	BGR	90104012
2019/01/04	22:02:20.71	0.11	0.16	49.0460	9.6940	1.2	1.0	086	25.0	2.0	30	17	105	0.22	1.60	m i ke	LED	90104002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	5 LDG	90104052
ML	1.7	0.1	2 ZAMG	90104042
MD	2.3	0.2	6 BUG	90104032
ML	2.4	0.3	7 BUG	90104032
ML	1.7	0.4	16 HLNUG	90104022
ML	1.9	0.2	9 BGR	90104012
ML	1.9	0.2	19 LED	90104002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
URBA	0.22	198.9	Pg	22:02:26.600	-0.0					T__				mdi	ML	2.0
URBA	0.22	198.9	Sg	22:02:30.610	-0.1					T__				m__		
A106B	0.29	176.4	Pg	22:02:27.590	-0.1					___				m__		
A106B	0.29	176.4	Sg	22:02:32.320	-0.1					___		0.3		m__		
SIND	0.31	349.2	Pg	22:02:27.790	-0.1					T__				md_	ML	2.0
SIND	0.31	349.2	Sg	22:02:32.670	-0.2					T__				m__		
WOER	0.37	94.3	Pg	22:02:28.760	-0.2					T__				mc_	ML	1.4
WOER	0.37	94.3	Sg	22:02:34.290	-0.3					T__				m__		
STU	0.43	230.3	Pg	22:02:29.632	-0.2					___				m_e	ML	2.0
STU	0.43	230.3	Sg	22:02:35.736	-0.4					___				m_e		
DEGG	0.44	178.4	Pg	22:02:29.850	-0.1					T__				md_	ML	1.8
DEGG	0.44	178.4	Sg	22:02:36.240	-0.1					T__				m__		
HDH	0.57	143.6	Sg	22:02:39.610	-0.6					T__				m__	ML	1.9
A109A	0.62	194.5	Pg	22:02:32.950	-0.2					___				m__	ML	1.7
A109A	0.62	194.5	Sg	22:02:41.660	-0.1					___		0.1		m__		
BUCH	0.64	200.8	Pn	22:02:32.530	-0.9					T__				md_	ML	1.8
BUCH	0.64	200.8	Pg	22:02:33.200	-0.2					T__				m__		
BUCH	0.64	200.8	Sn	22:02:41.580	-0.8					___				m__		
BUCH	0.64	200.8	Sg	22:02:42.110	-0.1					T__				m__		
GALG	0.65	246.9	Pn	22:02:32.700	-1.0					___				m__	ML	2.2

GALG	0.65	246.9	Pg	22:02:33.050	-0.7	T__	m__	
GALG	0.65	246.9	Sg	22:02:41.950	-0.7	T__	m__	
BRET	0.66	267.5	Pg	22:02:33.220	-0.6	T__	mc_ ML	1.6
BRET	0.66	267.5	Sg	22:02:42.230	-0.6	T__	m__	
TUBL	0.66	217.8	Sg	22:02:42.060	-0.8	T__	m__ ML	2.2
NORI	0.69	117.7	Pg	22:02:34.056	-0.4	---	m_e	
NORI	0.69	117.7	Sg	22:02:42.856	-1.0	---	m_e	
A108A	0.70	172.6	Pg	22:02:34.260	-0.4	---	m__ ML	2.2
A108A	0.70	172.6	Sg	22:02:43.730	-0.5	---	m__	0.2
A100A	0.78	220.8	Pg	22:02:35.550	-0.5	---	m__ ML	2.3
A100A	0.78	220.8	Sg	22:02:45.590	-0.9	---	m__	0.3
MILB	0.82	341.7	Pg	22:02:35.950	-0.9	T__	md_ ML	2.3
MILB	0.82	341.7	Sg	22:02:47.330	-0.5	T__	m__	
WBA	0.83	317.1	Pg	22:02:36.080	-0.9	T__	m__ ML	2.2
WBA	0.83	317.1	Sg	22:02:47.290	-0.9	T__	m__	
A102A	0.96	200.0	Pg	22:02:38.750	-0.6	---	m__ ML	1.7
ERNH	0.97	319.9	Pg	22:02:38.200	-1.2	---	m__ ML	2.1
ERNH	0.97	319.9	Sg	22:02:50.900	-1.3	---	m__	0.1
MSS	0.99	209.4	Pn	22:02:37.340	-1.0	T__	m__ ML	1.7
MSS	0.99	209.4	Sg	22:02:52.320	-0.8	T__	m__	
BABA	1.04	252.2	Pg	22:02:39.260	-1.5	T__	m__ ML	1.3
BABA	1.04	252.2	Sg	22:02:53.110	-1.4	T__	m__	
WBB	1.04	320.3	Pg	22:02:40.300	-0.5	---	m__ ML	2.1
WBB	1.04	320.3	Sg	22:02:53.440	-1.1	T__	m__	
GUT	1.05	201.7	Pn	22:02:37.930	-1.1	T__	m__ ML	1.4
GUT	1.05	201.7	Pg	22:02:40.160	-0.7	T__	m__	
A107C	1.08	161.7	Pg	22:02:41.260	-0.2	---	m__ ML	2.7
A107C	1.08	161.7	Sg	22:02:55.180	-0.6	---	m__	0.3
ROTE	1.12	217.5	Sg	22:02:55.610	-1.4	T__	m__ ML	2.0
WBG	1.15	348.7	Pg	22:02:41.400	-1.3	---	m__ ML	1.2
WBG	1.15	348.7	Sg	22:02:56.600	-1.2	---	m__	0.0
BFO	1.15	232.0	Pg	22:02:42.668	-0.1	---	m_e ML	1.6
BFO	1.15	232.0	Sg	22:02:56.400	-1.6	T__	m__	
DREI	1.15	328.2	Sg	22:02:56.600	-1.4	---	m__	
GRA1	1.19	56.4	Pg	22:02:42.832	-0.6	---	m_e ML	1.8
GRA1	1.19	56.4	Sg	22:02:57.493	-1.6	---	m_e	
A101B	1.20	219.6	Pg	22:02:42.530	-1.1	---	m__ ML	1.9
A101B	1.20	219.6	Sg	22:02:57.870	-1.5	---	m__	0.1
EMING	1.28	206.3	Pg	22:02:46.930	1.7	---	m_e	
EMING	1.28	206.3	Sg	22:03:00.852	-1.2	---	m_e	
GRB4	1.29	70.2	Pg	22:02:44.000	-1.4	---	m__ ML	1.6
IMS	1.29	295.8	Pg	22:02:44.300	-1.1	---	m__ ML	1.1
IMS	1.29	295.8	Sg	22:03:00.300	-2.0	---	m__	0.0
WALHA	1.35	196.5	Pg	22:02:48.824	2.4	---	m_e	
WALHA	1.35	196.5	Sg	22:03:03.633	-0.5	---	m_e	
GWBO	1.42	309.4	Pn	22:02:44.300	0.2	---	m__	
GWBO	1.42	309.4	Sg	22:03:06.400	-0.0	---	m__	
TNS	1.43	326.0	Sg	22:03:05.046	-1.6	---	m_e ML	1.9
GWBE	1.44	317.8	Sg	22:03:06.100	-1.1	---	m__ ML	1.7
SLE	1.51	212.4	Sg	22:03:07.288	-1.8	---	m_e ML	2.4
HROE	1.52	11.2	Pg	22:02:48.683	-1.0	---	m_e	
HROE	1.52	11.2	Sg	22:03:08.620	-0.9	---	m_e	
BERGE	1.55	221.1	Sg	22:03:07.940	-2.4	---	m__ ML	1.5
GWBD	1.58	313.3	Sg	22:03:10.300	-1.1	---	m__ ML	1.2

KIZ	1.60	227.9	Pg	22:02:49.900	-1.3	---	m__	ML	1.8
KIZ	1.60	227.9	Sg	22:03:09.770	-2.4	---	m__		
ABH	1.63	301.7	Pg	22:02:50.851	-0.8	---	m_e	ML	1.8
ABH	1.63	301.7	Sg	22:03:11.749	-1.1	---	m_e		
METMA	1.64	216.2	Sg	22:03:10.468	-2.9	---	m_e		
CRUX	1.71	24.1	Pg	22:02:52.500	-0.7	---	m__	ML	1.5
CRUX	1.71	24.1	Sg	22:03:13.800	-1.7	---	m__		0.0
ROTZ	1.79	65.3	Sg	22:03:15.293	-2.6	---	m_e		
MANZ	1.83	58.1	Sg	22:03:15.943	-3.3	---	m_e	ML	2.0
MOX	2.02	37.0	Sg	22:03:23.024	-2.3	---	m_e	ML	1.8
WET	2.09	86.1	Sg	22:03:25.691	-1.7	---	m_e	ML	1.8

Event 90109001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/09	02:45:36.49	0.56	0.76	51.5918	16.0926	6.5	3.6	058	0.0	0.0	29	13	049			m i sr	ZAMG	90109011
2019/01/09	02:45:36.95	0.27	3.12	51.6120	15.8860	11.1	8.9	015	1.0f		32	18	100	0.81	3.57	m i ki	BGR	90109001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.1	12 ZAMG	90109011
ML	3.1	0.3	12 BGR	90109001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.81	161.5	Pg	02:45:51.716	-0.5					T__				m_e	
DPC	1.29	167.6	Pg	02:46:00.495	-0.8					T__				m_e	ML 3.6
DPC	1.29	167.6	Sg	02:46:17.386	-0.6					T__				m_e	
BRG	1.42	239.5	Pg	02:46:04.374	0.6					T__				m_e	ML 2.8
BRG	1.42	239.5	Sg	02:46:23.997	1.8					T__				m_e	
RUE	1.56	304.5	Pg	02:46:05.249	-1.0					T__				m_e	ML 3.0
RUE	1.56	304.5	Sg	02:46:25.866	-0.5					T__				m_e	
A807	1.60	288.6	Pg	02:46:05.983	-1.1					T__				m_e	ML 3.0
A807	1.60	288.6	Sg	02:46:28.896	1.1					T__				m_e	
FBE	1.73	247.4	Pg	02:46:10.441	0.9					T__				m_e	ML 2.7
FBE	1.73	247.4	Sg	02:46:33.053	1.2					T__				m_e	
CLL	1.82	261.5	Pn	02:46:09.010	0.4					T__				m_e	ML 2.8
CLL	1.82	261.5	Sg	02:46:36.264	1.4					T__				m_e	
GKP	1.85	25.9	Sg	02:46:35.777	0.0					T__				m_e	ML 3.2
MORC	2.11	149.6	Pn	02:46:11.826	-0.7					T__				m_e	
TANN	2.46	242.3	Pn	02:46:18.504	1.2					T__				m_e	ML 3.1
TANN	2.46	242.3	Sg	02:46:54.459	-0.8					T__				m_e	
WERD	2.53	244.1	Pn	02:46:19.249	1.0					T__				m_e	ML 3.0
WERD	2.53	244.1	Pg	02:46:26.009	1.3					T__				m_e	
WERD	2.53	244.1	Sg	02:46:58.488	1.0					T__				m_e	
MOX	2.85	251.8	Pn	02:46:23.450	0.9					T__				m_e	ML 3.2
MOX	2.85	251.8	Pg	02:46:31.773	1.1					T__				m_e	
MOX	2.85	251.8	Sg	02:47:08.361	0.9					T__				m_e	
MANZ	2.89	237.2	Pn	02:46:24.242	1.2					T__				m_e	ML 3.3
MANZ	2.89	237.2	Sg	02:47:08.468	-0.2					T__				m_e	
ROTZ	2.97	233.1	Pn	02:46:25.372	1.2					T__				m_e	
ROTZ	2.97	233.1	Pg	02:46:34.598	1.6					T__				m_e	
GEC2	3.10	207.6	Pn	02:46:27.044	1.1					T__				m_e	

WET	3.13	219.0	Pn	02:46:27.500	1.2	T__	m_e
CLZ	3.42	276.0	Pn	02:46:32.400	2.1	T__	m_e
NIE	3.57	126.2	Pg	02:46:42.600	-1.6	T__	m_e ML 3.4
NIE	3.57	126.2	Sg	02:47:26.187	-4.1	T__	m_e

Event 90110005 E Oetztaler Alps, N Sarntaler Alps/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/10	18:42:14.31	0.72	1.20	46.8070	11.2560				11.4	5.1	24	15	282	0.89	2.58	m i ke	BUG	90110035
2019/01/10	18:42:14.60	0.16	0.75	46.7352	11.3826	3.9	2.1	061	8.0f		62	23	093			m i ke	LDG	90110025
2019/01/10	18:42:12.16	0.14	0.89	46.8342	11.2235	0.8	0.7	022	12.4	2.1	61	11	021			m i fe	ZAMG	90110015
2019/01/10	18:42:13.84	0.26	1.14	46.8210	11.2710	4.4	2.2	000	10.0f		55	25	184	0.51	4.44	m i ke	BGR	90110005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.5	0.3	12 BUG	90110035
ML	3.5	0.3	12 BUG	90110035
ML	2.7	0.4	11 LDG	90110025
ML	3.0	0.4	21 ZAMG	90110015
ML	2.9	0.4	23 BGR	90110005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.51	29.2	Pg	18:42:22.751	-0.8					T__				m_e ML	2.4
WTTA	0.51	29.2	Sg	18:42:30.002	-0.2					T__				m_e	
OBER	0.89	311.7	Pg	18:42:29.296	-1.3					T__				m_e ML	2.1
OBER	0.89	311.7	Sg	18:42:42.601	0.4					T__				m_e	
A105A	0.89	311.7	Pg	18:42:29.530	-1.1					___				m__ ML	3.1
DAVA	1.06	296.7	Pg	18:42:32.943	-0.9					T__				m_e ML	2.4
DAVA	1.06	296.7	Sg	18:42:48.707	1.2					T__				m_e	
BE1	1.09	358.2	Pg	18:42:34.274	-0.2					T__				m_e ML	2.9
BE1	1.09	358.2	Sg	18:42:50.071	1.5					T__				m_e	
UBR	1.17	317.9	Pg	18:42:35.580	-0.3					T__				m_e ML	3.5
UBR	1.17	317.9	Sg	18:42:51.529	0.5					T__				m_e	
PLONS	1.31	280.7	Pg	18:42:38.827	0.2					T__				m_e ML	2.0
FUR	1.34	0.1	Pg	18:42:39.473	0.3					T__				m_e ML	3.2
FUR	1.34	0.1	Sg	18:42:57.668	1.1					T__				m_e	
A107C	1.40	329.2	Pg	18:42:39.700	-0.6					___				m__	
A107C	1.40	329.2	Sg	18:42:58.400	-0.0					___		2.7		m__	
A107D	1.40	329.1	Pg	18:42:39.800	-0.5					___				m__ ML	3.2
A107D	1.40	329.1	Sg	18:42:58.000	-0.4					___		0.8		m__	
KBA	1.44	78.9	Pg	18:42:40.244	-0.8					T__				m_e ML	2.4
KBA	1.44	78.9	Sg	18:42:59.371	-0.3					T__				m_e	
A103D	1.52	310.7	Pg	18:42:42.300	-0.3					___				m__ ML	3.0
A103D	1.52	310.7	Sg	18:43:02.700	0.4					___		0.5		m__	
A103C	1.54	309.8	Pg	18:42:42.500	-0.3					___				m__ ML	3.4
A103C	1.54	309.8	Sg	18:43:02.400	-0.3					___		1.1		m__	
A104C	1.70	320.7	Pn	18:42:39.700	-3.1					___				m__ ML	3.1
A104C	1.70	320.7	Sg	18:43:05.900	-2.1					___		0.4		m__	
WILA	1.71	291.1	Pg	18:42:45.657	-0.5					T__				m_e ML	2.9
WILA	1.71	291.1	Sg	18:43:08.502	0.1					T__				m_e	
A108A	1.81	328.1	Pn	18:42:45.340	1.1					___				m__ ML	3.4
A108A	1.81	328.1	Sg	18:43:08.800	-2.6					___		0.8		m__	

A102A	1.92	314.1	Sn	18:43:11.550	2.9	---												m_		
NORI	1.95	347.4	Pn	18:42:46.155	0.0	T_												m_e	ML	3.0
NORI	1.95	347.4	Pg	18:42:49.235	-1.4	T_												m_e		
NORI	1.95	347.4	Sg	18:43:14.889	-0.9	T_												m_e		
A109A	2.03	323.7	Pg	18:42:50.700	-1.5	---												m_	ML	3.0
SLE	2.11	297.7	Pn	18:42:49.843	1.5	T_												m_e	ML	3.6
SLE	2.11	297.7	Sg	18:43:19.260	-1.6	T_												m_e		
A101B	2.25	306.2	Pn	18:42:52.140	1.9	---												m_	ML	2.9
A101B	2.25	306.2	Sn	18:43:18.800	2.4	---				0.1								m_		
SULZ	2.26	289.4	Pg	18:42:56.331	-0.1	T_												m_e	ML	2.8
SULZ	2.26	289.4	Sg	18:43:24.753	-1.0	T_												m_e		
OBKA	2.27	96.7	Pg	18:42:55.572	-1.1	T_												m_e		
OBKA	2.27	96.7	Sg	18:43:27.393	1.3	T_												m_e		
A100A	2.27	316.8	Pn	18:42:51.030	0.5	---												m_	ML	3.1
MOA	2.28	62.0	Pn	18:42:51.296	0.7	T_												m_e	ML	2.8
MOA	2.28	62.0	Pg	18:42:55.723	-1.0	T_												m_e		
MOA	2.28	62.0	Sg	18:43:24.890	-1.3	T_												m_e		
BALST	2.49	283.2	Pn	18:42:55.737	2.3	T_												m_e	ML	2.6
BALST	2.49	283.2	Pg	18:43:00.927	0.2	T_												m_e		
BALST	2.49	283.2	Sg	18:43:31.543	-1.4	T_												m_e		
BFO	2.49	308.3	Pn	18:42:54.909	1.4	T_												m_e	ML	2.7
BFO	2.49	308.3	Sg	18:43:31.705	-1.4	T_												m_e		
WET	2.56	24.3	Pn	18:42:55.314	0.9	T_												m_e	ML	2.9
WET	2.56	24.3	Sg	18:43:34.939	-0.3	T_												m_e		
GEC2	2.60	38.0	Pn	18:42:56.252	1.3	T_												m_e	ML	2.8
GEC2	2.60	38.0	Sg	18:43:35.290	-1.2	T_												m_e		
GRA1	2.87	359.4	Pn	18:42:58.208	-0.5	T_												m_e	ML	3.2
GRA1	2.87	359.4	Sg	18:43:44.391	-0.7	T_												m_e		
ARSA	2.93	80.0	Pg	18:43:08.145	-0.9	T_												m_e		
ROTZ	3.01	11.6	Pn	18:43:00.069	-0.5	T_												m_e	ML	3.0
ROTZ	3.01	11.6	Pg	18:43:10.543	-0.1	T_												m_e		
ROTZ	3.01	11.6	Sn	18:43:36.186	2.0	T_												m_e		
ROTZ	3.01	11.6	Sg	18:43:47.873	-1.7	T_												m_e		
MANZ	3.21	9.6	Pn	18:43:02.720	-0.6	T_												m_e	ML	3.0
MANZ	3.21	9.6	Sn	18:43:41.268	2.3	T_												m_e		
MANZ	3.21	9.6	Sg	18:43:54.890	-1.1	T_												m_e		
MOX	3.83	3.3	Pn	18:43:11.089	-0.6	T_												m_e	ML	3.0
MOX	3.83	3.3	Sn	18:43:55.547	2.1	T_												m_e		
MOX	3.83	3.3	Sg	18:44:14.782	-0.8	T_												m_e		
TNS	3.88	332.2	Pn	18:43:13.685	1.3	T_												m_e	ML	3.3
TNS	3.88	332.2	Sn	18:43:55.545	0.9	T_												m_e		
TNS	3.88	332.2	Sg	18:44:17.300	0.1	T_												m_e		
WLF	4.44	311.7	Sg	18:44:34.178	-0.7	T_												m_e	ML	3.3

Event 90111001 Erkelenz, SW of Moenchengladbach

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/11	03:20:15.90	0.22	0.62	50.9644	6.2288	3.9	2.6	042	12.0f		68	14	210				m i ke LDG	90111041
2019/01/11	03:20:14.54		0.09	50.9970	6.3350				3.0	1.6	26	16	148	0.35	2.66		m i ke BUG	90111031
2019/01/11	03:20:15.10	0.80	0.29	51.0212	6.2919				13.3	1.7	47	26	072	0.08	1.09		m i ke BNS	90111021
2019/01/11	03:20:14.51	0.42		51.0140	6.2970	3.3	2.2	126	21.6	1.5	15	9	075	0.44	1.58		m i ke BGR	90111011
2019/01/11	03:20:14.80	0.43	0.21	51.0190	6.3010				14.2	1.5		18	102				m i ke GDNRW	90111001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.4	15 LDG	90111041
MD	2.5	0.3	8 BUG	90111031
ML	2.8	0.2	6 BUG	90111031
ML	1.9		BNS	90111021
ML	2.1	0.5	8 BGR	90111011
ML	2.0		GDNRW	90111001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BD17	0.07	66.8	Pg	03:20:17.883	0.3					---				m_i	
BD17	0.07	66.8	Sg	03:20:19.956	0.5					---				m_e	
BD14	0.08	42.7	Pg	03:20:18.017	0.3					---				m_i	
BD14	0.08	42.7	Sg	03:20:19.959	0.3					---				m_e	
RWB	0.12	312.1	Pg	03:20:18.160	0.0					T_				mde	
RWB	0.12	312.1	Sg	03:20:20.680	0.2					T_				m_e	
JUE	0.13	148.5	Pg	03:20:18.761	0.6					---				m_e	
JUE	0.13	148.5	Sg	03:20:21.613	1.1					---		277.1	0.23	m_e	
BD09	0.13	53.1	Pg	03:20:18.552	0.3					---				m_i	
BA12	0.13	213.4	Pg	03:20:18.627	0.4					---				m_e	
RODG	0.15	328.9	Pg	03:20:18.558	0.1					---				mdi	
RODG	0.15	328.9	Sg	03:20:21.501	0.5					---		1231.2	0.15	m_e	
BA13	0.15	290.1	Pg	03:20:18.893	0.4					---				m_i	
BA03	0.19	163.4	Pg	03:20:19.611	0.5					---				m_e	
BA16	0.23	87.1	Pg	03:20:20.141	0.4					---				m_e	
BA16	0.23	87.1	Sg	03:20:24.011	0.9					---				m_e	
BA02	0.25	192.3	Pg	03:20:20.290	0.2					---				m_e	
BA02	0.25	192.3	Sg	03:20:24.145	0.4					---				m_e	
BA06	0.27	111.2	Pg	03:20:21.161	0.7					---				m_e	
ACN	0.28	209.4	Pg	03:20:20.600	0.0					T_				mce	
ACN	0.28	209.4	Sg	03:20:24.910	0.3					T_		314.9	0.18	m_e	
BA01	0.28	212.3	Pg	03:20:20.739	0.1					---				m_e	
BA01	0.28	212.3	Sg	03:20:25.214	0.5					---				m_e	
GSH	0.29	170.0	Pg	03:20:21.080	0.3					T_				mci	
GSH	0.29	170.0	Sg	03:20:25.170	0.4					T_		159.9	0.14	m_e	
PLH	0.33	92.4	Pg	03:20:21.630	0.2					T_				mce	
PLH	0.33	92.4	Sg	03:20:26.120	0.2					T_				m_e	
HGN	0.35	222.6	Pg	03:20:21.652	-0.1					---				m_e	ML 2.1
HGN	0.35	222.6	Sg	03:20:26.510	0.0					---				m_e	
DREG	0.36	186.9	Pg	03:20:22.159	0.2					---				mci	
DREG	0.36	186.9	Sg	03:20:27.223	0.3					---		147.1	0.25	m_e	
KLL	0.37	179.0	Pg	03:20:22.441	0.2					---				mci	
KLL	0.37	179.0	Sg	03:20:27.565	0.3					---		146.0	0.19	m_e	
MEM	0.45	204.3	Pg	03:20:23.564	-0.0					---				m_e	ML 1.6
MEM	0.45	204.3	Sg	03:20:29.647	0.0					---				m_e	
LAUG	0.52	50.3	Pg	03:20:24.691	-0.2					---				m_e	
LAUG	0.52	50.3	Sg	03:20:32.247	0.4					---		59.8	0.09	m_e	
BRH3	0.52	18.9	Pg	03:20:25.010	0.1					---				m_	ML 2.8
OLFT	0.53	171.8	Pg	03:20:25.200	0.1					T_				m_e	
OLFT	0.53	171.8	Sg	03:20:32.020	-0.1					T_				m_e	
STB	0.54	141.1	Pg	03:20:25.945	0.6					---				m_e	
STB	0.54	141.1	Sg	03:20:33.090	0.5					---		45.3	0.10	m_e	
BNS	0.55	95.4	Pg	03:20:25.913	0.4					---				m_e	
BNS	0.55	95.4	Sg	03:20:33.608	0.8					---		71.4	0.34	m_e	

HES	0.58	52.9	Pg	03:20:25.930	-0.1
HES	0.58	52.9	Sg	03:20:33.780	0.1
TDN	0.60	137.3	Pg	03:20:26.210	-0.2
TDN	0.60	137.3	Sg	03:20:34.770	0.4
OPLO	0.65	335.7	Sg	03:20:36.580	0.8
XAN	0.65	6.8	Pg	03:20:27.250	-0.0
XAN	0.65	6.8	Sg	03:20:36.090	0.3
HOBG	0.65	92.7	Pg	03:20:27.627	0.3
HOBG	0.65	92.7	Sg	03:20:36.893	1.0
WBS	0.65	108.6	Pg	03:20:27.490	0.1
WBS	0.65	108.6	Sg	03:20:36.100	0.1
ZER1	0.66	29.4	Pg	03:20:27.670	0.2
ZER1	0.66	29.4	Sg	03:20:38.140	1.9
ZERL	0.70	30.3	Pg	03:20:28.210	0.0
ZERL	0.70	30.3	Sg	03:20:38.990	1.6
ENTS	0.73	71.9	Pg	03:20:28.580	-0.2
ENTS	0.73	71.9	Sg	03:20:38.340	-0.0
BKLB	0.74	54.9	Pg	03:20:28.720	-0.2
BUG	0.74	54.8	Pg	03:20:28.737	-0.2
BUG	0.74	54.8	Sg	03:20:38.364	-0.2
BULI	0.74	53.7	Pg	03:20:28.830	-0.2
BULI	0.74	53.7	Sg	03:20:39.240	0.5
BTEZ	0.75	54.5	Pg	03:20:28.570	-0.5
HILG	0.77	161.6	Pg	03:20:29.839	0.4
HILG	0.77	161.6	Sg	03:20:40.171	0.7
LAGB	0.83	142.1	Pg	03:20:31.040	0.4
LAGB	0.83	142.1	Sg	03:20:41.180	-0.3
LOH	0.85	169.8	Pg	03:20:30.940	-0.1
LOH	0.85	169.8	Sg	03:20:41.830	-0.3
BHE	0.87	139.8	Pg	03:20:31.100	-0.2
BHE	0.87	139.8	Sg	03:20:42.380	-0.3
BAVN	0.88	35.2	Pg	03:20:31.700	0.1
BAVN	0.88	35.2	Sg	03:20:44.200	1.1
OCHT	0.95	135.1	Pg	03:20:32.850	-0.1
OCHT	0.95	135.1	Sg	03:20:44.870	-0.5
WTSB	1.00	17.9	Pg	03:20:33.444	-0.3
WTSB	1.00	17.9	Sg	03:20:46.539	-0.2
BIW	1.01	106.0	Pg	03:20:33.790	-0.2
BIW	1.01	106.0	Sg	03:20:46.550	-0.6
BGG	1.05	140.6	Pg	03:20:34.147	-0.5
BGG	1.05	140.6	Sg	03:20:48.192	-0.1
KOE	1.08	122.7	Pg	03:20:34.633	-0.7
KOE	1.08	122.7	Sg	03:20:49.365	-0.1
HMES	1.10	53.8	Sg	03:20:50.300	0.5
SORT	1.10	71.8	Pg	03:20:35.060	-0.6
SORT	1.10	71.8	Sg	03:20:49.350	-0.6
RCHB	1.10	218.7	Pg	03:20:35.104	-0.6
UCC	1.24	260.5	Sg	03:20:53.017	-1.5
KAST	1.34	81.3	Pg	03:20:39.038	-1.1
KAST	1.34	81.3	Sg	03:20:56.817	-0.8
WLF	1.36	184.1	Pg	03:20:40.587	0.1
WLF	1.36	184.1	Sg	03:20:57.204	-0.9
IBBN	1.57	34.5	Pg	03:20:43.800	-0.7
IBBN	1.57	34.5	Sg	03:21:04.600	-0.3

T__					m_e		
T__					m_e		
T__					m_e		
T__	67.3	0.15			m_e		
___					m_e ML	3.0	
T__					m_e		
T__					m_e		
___					m_e		
___	96.8	0.24			m_e		
T__					m_e		
T__	104.9	0.41			m_e		
___					m__ ML	2.7	
___	0.7				m__		
___					m__ ML	2.4	
___	0.4				m__		
T__					m_e		
T__					m_e		
___					m__ ML	2.2	
___					m_e ML	1.9	
___					m_e		
___					m__ ML	2.3	
___	0.3				m__		
___					m__ ML	2.5	
___					mdi		
___	78.5	0.35			m_e		
T__					m_e		
T__					m_e		
T__					m_e		
T__	75.7	0.15			m_e		
T__					m_e		
T__	62.1	0.11			m_e		
___					m__ ML	3.1	
___	0.6				m__		
T__					m_e		
T__					m_e		
___					m_e ML	2.4	
___					m_e		
T__					m_e		
T__					m_e		
___					m_e		
___					m_e		
___	26.0	0.34			m_e		
___	0.1				m__		
T__					m_e		
T__	33.6	0.15			m_e		
___					m_e		
___					m_e ML	1.1	
___					m_e ML	2.4	
___					m_e		
___					m_e ML	2.3	
___					m_e		
___					m__		
___					m__		

TNS	1.58	119.5	Pn	03:20:42.760	1.2	---	m__	ML	1.9
TNS	1.58	119.5	Pg	03:20:44.006	-0.6	---	m_e		
TNS	1.58	119.5	Sg	03:21:04.188	-0.9	---	m_e		
IBBE	1.58	35.3	Pg	03:20:43.400	-1.3	---	m__	ML	2.3
IBBE	1.58	35.3	Sg	03:21:05.200	0.0	---	m__		
CLZ	2.67	70.5	Pg	03:21:04.300	-0.8	---	m__		

0.1

Event 90112002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/12	08:58:27.92	0.73	2.31	51.4009	16.1078	7.8	4.3	049	0.0	0.0	30	9	037			m i sr	ZAMG	90112012
2019/01/12	08:58:27.90	0.31	0.86	51.4400	16.1240	4.4	2.2	016	1.0f		47	17	197	0.61	3.59	m i ki	BGR	90112002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.1	16 ZAMG	90112012
ML	3.5	0.3	16 BGR	90112002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.61	169.8	Pg	08:58:39.814	0.5					T__				m_e	ML 2.8
KSP	0.61	169.8	Sg	08:58:47.802	0.6					T__				m_e	
DPC	1.10	173.4	Pg	08:58:48.693	0.1					T__				m_e	ML 3.9
DPC	1.10	173.4	Sg	08:59:03.989	1.2					T__				m_e	
BRG	1.48	248.3	Pn	08:58:54.066	-0.9					T__				m_e	ML 3.3
BRG	1.48	248.3	Pg	08:58:56.024	0.2					T__				m_e	
BRG	1.48	248.3	Sg	08:59:15.823	0.9					T__				m_e	
FBE	1.81	254.4	Pn	08:58:58.738	-0.7					T__				m_e	ML 3.2
FBE	1.81	254.4	Pg	08:59:01.389	-0.7					T__				m_e	
FBE	1.81	254.4	Sg	08:59:25.450	-0.0					T__				m_e	
MORC	1.89	151.0	Pn	08:59:00.330	-0.2					T__				m_e	ML 3.7
MORC	1.89	151.0	Sg	08:59:27.932	-0.0					T__				m_e	
CLL	1.95	267.3	Pn	08:59:00.365	-1.0					T__				m_e	ML 3.4
CLL	1.95	267.3	Pg	08:59:03.871	-0.8					T__				m_e	
CLL	1.95	267.3	Sg	08:59:29.642	-0.3					T__				m_e	
OKC	2.05	140.5	Pn	08:59:01.917	-0.8					T__				m_e	ML 3.1
OKC	2.05	140.5	Pg	08:59:07.538	1.0					T__				m_e	
OKC	2.05	140.5	Sg	08:59:32.382	-0.7					T__				m_e	
TANN	2.53	247.5	Pn	08:59:09.611	0.5					T__				m_e	ML 3.6
TANN	2.53	247.5	Pg	08:59:15.901	0.4					T__				m_e	
TANN	2.53	247.5	Sg	08:59:47.144	-1.0					T__				m_e	
WERD	2.60	249.1	Pn	08:59:10.272	0.1					T__				m_e	ML 3.6
WERD	2.60	249.1	Pg	08:59:17.280	0.3					T__				m_e	
WERD	2.60	249.1	Sg	08:59:53.074	2.5					T__				m_e	
OJC	2.62	116.3	Pn	08:59:08.838	-1.6					T__				m_e	
OJC	2.62	116.3	Pg	08:59:17.446	0.1					T__				m_e	
OJC	2.62	116.3	Sg	08:59:52.164	1.0					T__				m_e	
MANZ	2.93	241.8	Pn	08:59:15.122	0.6					T__				m_e	ML 3.8
MANZ	2.93	241.8	Pg	08:59:23.814	0.7					T__				m_e	
MANZ	2.93	241.8	Sg	09:00:00.708	-0.2					T__				m_e	
MOX	2.94	256.1	Pn	08:59:14.519	-0.2					T__				m_e	ML 3.8
MOX	2.94	256.1	Pg	08:59:22.744	-0.6					T__				m_e	
MOX	2.94	256.1	Sg	09:00:02.972	1.6					T__				m_e	
ROTZ	3.00	237.6	Pn	08:59:15.646	0.2					T__				m_e	ML 3.6

ROTZ	3.00	237.6	Pg	08:59:24.205	-0.2	T__	m_e												
ROTZ	3.00	237.6	Sg	09:00:02.363	-0.7	T__	m_e												
GEC2	3.02	211.8	Pn	08:59:16.262	0.4	T__	m_e	ML	3.7										
GEC2	3.02	211.8	Pg	08:59:24.508	-0.4	T__	m_e												
GEC2	3.02	211.8	Sg	09:00:03.107	-0.8	T__	m_e												
WET	3.09	223.3	Pn	08:59:17.221	0.4	T__	m_e	ML	3.6										
WET	3.09	223.3	Sg	09:00:04.544	-1.6	T__	m_e												
GRA1	3.57	242.6	Pn	08:59:23.922	0.7	T__	m_e	ML	4.1										
GRA1	3.57	242.6	Pg	08:59:36.311	1.1	T__	m_e												
GRA1	3.57	242.6	Sg	09:00:21.510	0.2	T__	m_e												
CLZ	3.59	278.7	Pn	08:59:23.981	0.4	T__	m_e	ML	3.7										
CLZ	3.59	278.7	Pg	08:59:34.597	-1.0	T__	m_e												
CLZ	3.59	278.7	Sg	09:00:24.047	2.1	T__	m_e												

Event 90114001 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/14	23:04:01.28	0.34	0.24	44.6331	12.5396				25.0f		16	10	354	6.40	7.69	m i ke	BNS	90114021
2019/01/14	23:03:56.20	0.26	1.66	44.4242	12.4127	5.5	3.9	098	15.0f		192	42	135			m i ke	LDG	90114011
2019/01/14	23:03:56.70	0.45		44.2040	12.3870	8.9	5.6	004	25.2	0.1	64	35	280	2.76	6.92	m i ke	BGR	90114001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.6		BNS	90114021
ML	4.7	0.3	49 LDG	90114011
ML	5.0	0.3	31 BGR	90114001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	2.76	32.6	Pn	23:04:38.971	0.7					T__				m_e	ML 5.2
OBKA	2.76	32.6	Pg	23:04:46.697	-2.2					T__				m_e	
OBKA	2.76	32.6	Sg	23:05:23.774	-0.9					T__				m_e	
KBA	2.95	12.8	Pn	23:04:41.813	1.0					T__				m_e	ML 4.9
KBA	2.95	12.8	Pg	23:04:50.685	-1.8					T__				m_e	
KBA	2.95	12.8	Sg	23:05:30.858	0.1					T__				m_e	
WTTA	3.10	350.6	Pn	23:04:44.010	1.1					T__				m_e	ML 5.3
PART	3.41	345.4	Pn	23:04:45.927	-1.1					T__				m_e	ML 4.8
PART	3.41	345.4	Sn	23:05:25.031	1.5					T__				m_e	
OBER	3.52	336.2	Pn	23:04:49.929	1.4					T__				m_e	ML 4.4
PLONS	3.54	324.6	Pn	23:04:50.580	1.8					T__				m_e	ML 4.6
PLONS	3.54	324.6	Sn	23:05:30.126	3.6					T__				m_e	
DAVA	3.54	331.3	Pn	23:04:50.623	1.8					T__				m_e	ML 5.0
DAVA	3.54	331.3	Sn	23:05:30.411	3.7					T__				m_e	
ARSA	3.75	34.6	Pn	23:04:52.411	0.8					T__				m_e	ML 4.6
ARSA	3.75	34.6	Pg	23:05:04.192	-3.3					T__				m_e	
UBR	3.82	336.3	Pn	23:04:53.440	0.8					T__				m_e	ML 5.2
UBR	3.82	336.3	Sn	23:05:37.329	4.1					T__				m_e	
UBR	3.82	336.3	Sg	23:05:58.095	-0.2					T__				m_e	
MOA	3.87	19.0	Pn	23:04:54.739	1.4					T__				m_e	ML 4.9
MOA	3.87	19.0	Sn	23:05:37.458	3.1					T__				m_e	
WILA	4.02	324.2	Pn	23:04:56.176	0.8					T__				m_e	ML 5.1
WILA	4.02	324.2	Sn	23:05:40.481	2.5					T__				m_e	
FUR	4.03	349.4	Pn	23:04:55.843	0.4					T__				m_e	ML 5.4

WALHA	4.21	328.6	Pn	23:04:58.297	0.4	T__	m_e	ML	5.2
EMING	4.43	327.6	Pn	23:05:01.092	0.2	T__	m_e	ML	4.9
EMING	4.43	327.6	Sn	23:05:47.986	0.4	T__	m_e		
EMING	4.43	327.6	Sg	23:06:14.730	-3.0	T__	m_e		
SULZ	4.46	319.7	Pn	23:05:01.417	0.1	T__	m_e	ML	5.2
SULZ	4.46	319.7	Sn	23:05:49.153	0.9	T__	m_e		
SLE	4.47	324.2	Pn	23:05:01.382	-0.1	T__	m_e	ML	5.6
SLE	4.47	324.2	Sn	23:05:48.762	0.3	T__	m_e		
BALST	4.53	315.4	Pn	23:05:02.339	0.1	T__	m_e	ML	5.0
BALST	4.53	315.4	Sn	23:05:49.859	0.0	T__	m_e		
NORI	4.68	345.6	Pn	23:05:03.462	-0.7	T__	m_e	ML	5.2
NORI	4.68	345.6	Sn	23:05:53.549	0.2	T__	m_e		
NORI	4.68	345.6	Sg	23:06:20.437	-5.0	T__	m_e		
BERGE	4.69	323.0	Pn	23:05:04.517	0.2	T__	m_e	ML	4.7
BERGE	4.69	323.0	Sn	23:05:52.843	-0.7	T__	m_e		
GEC2	4.73	10.6	Pn	23:05:04.871	-0.0	T__	m_e	ML	5.0
WET	4.95	3.7	Pn	23:05:07.450	-0.5	T__	m_e	ML	4.8
WET	4.95	3.7	Sn	23:05:59.613	-0.2	T__	m_e		
BFO	4.99	327.2	Pn	23:05:08.648	0.2	T__	m_e	ML	4.8
BFO	4.99	327.2	Pg	23:05:28.677	-2.1	T__	m_e		
BFO	4.99	327.2	Sn	23:06:00.790	0.2	T__	m_e		
STU	5.07	335.4	Pn	23:05:09.412	-0.1	T__	m_e	ML	5.3
STU	5.07	335.4	Sn	23:06:02.955	0.4	T__	m_e		
ECH	5.40	319.8	Pn	23:05:14.274	0.3	T__	m_e	ML	4.4
ECH	5.40	319.8	Sn	23:06:09.319	-1.0	T__	m_e		
GRFO	5.54	352.2	Pn	23:05:15.356	-0.6	T__	m_e		
GRA1	5.55	352.2	Pn	23:05:15.151	-0.8	T__	m_e	ML	5.3
ROTZ	5.56	358.8	Pn	23:05:15.646	-0.6	T__	m_e	ML	5.0
ROTZ	5.56	358.8	Sn	23:06:13.635	-0.6	T__	m_e		
ROTT	5.72	331.0	Pn	23:05:19.262	0.9	T__	m_e		
MANZ	5.79	358.2	Pn	23:05:18.037	-1.2	T__	m_e	ML	5.0
MANZ	5.79	358.2	Sn	23:06:19.342	-0.0	T__	m_e		
MILB	6.01	340.6	Pn	23:05:21.758	-0.5	T__	m_e	ML	5.6
MOX	6.46	355.6	Pn	23:05:27.362	-1.1	T__	m_e	ML	5.1
MOX	6.46	355.6	Sn	23:06:36.263	1.0	T__	m_e		
ABH	6.56	331.6	Pn	23:05:30.753	1.0	T__	m_e		
TNS	6.58	337.5	Pn	23:05:30.274	0.2	T__	m_e	ML	5.0
TNS	6.58	337.5	Sn	23:06:39.428	1.3	T__	m_e		
RIVT	6.71	327.1	Pn	23:05:33.161	1.4	T__	m_e		
NAST	6.73	334.5	Pn	23:05:33.045	1.0	___	m_e		
NAST	6.73	334.5	Sn	23:06:42.383	0.8	___	m_e		
BGG	6.91	332.1	Pn	23:05:35.443	1.0	___	m_e		
WLF	6.92	324.3	Pn	23:05:36.327	1.7	T__	m_e	ML	5.0
KOE	6.97	334.8	Pn	23:05:36.476	1.1	___	m_e		
KOE	6.97	334.8	Sn	23:06:48.331	1.0	___	185.7	1.43	m_e
HILG	7.21	329.6	Pn	23:05:39.868	1.3	___	m_e		
HILG	7.21	329.6	Sn	23:06:55.401	2.5	___	123.3	0.99	m_e
STB	7.41	331.6	Pn	23:05:42.543	1.3	___	m_e		
STB	7.41	331.6	Sn	23:06:59.591	2.1	___	52.8	0.75	m_e
HOBG	7.58	335.2	Pn	23:05:44.915	1.3	___	m_e		
HOBG	7.58	335.2	Sn	23:07:04.043	2.4	___	192.6	0.84	m_e
BNS	7.61	334.4	Pn	23:05:45.534	1.5	___	m_e		
BNS	7.61	334.4	Sn	23:07:04.350	2.0	___	124.3	0.58	m_e
KLL	7.64	329.7	Pn	23:05:46.178	1.8	___	m_e		

DREG	7.68	329.4	Pn	23:05:46.473	1.6	---												m_e
LAUG	8.02	334.9	Sn	23:07:13.553	1.6	---								66.1	0.95			m_e

Event 90116003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/16	02:43:01.20	1.26	0.41	49.3600	12.1082	67.7	21.2	164	2.0	0.0	4	3	347			m i s e	LDG	90116023
(Probably mislocated (after BGR))																		
2019/01/16	02:41:17.30	0.41	0.87	51.4430	16.2359	4.0	2.6	050	0.0	0.0	32	7	034			m i s r	ZAMG	90116013
2019/01/16	02:41:19.08	0.41	0.71	51.3890	16.2480	4.4	2.2	023	1.0f		35	15	222	0.55	3.68	m i k i	BGR	90116003
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.1	2 LDG	90116023
ML	3.0	0.2	7 ZAMG	90116013
ML	3.0	0.3	15 BGR	90116003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.55	60.8	Pg	02:41:29.635	0.3					T__				m_e ML	2.4
KSP	0.55	60.8	Sg	02:41:37.291	0.8					T__				m_e	
DPC	1.04	115.6	Pg	02:41:38.490	-0.2					T__				m_e ML	3.3
DPC	1.04	115.6	Sg	02:41:52.526	0.4					T__				m_e	
BRG	1.54	170.8	Pn	02:41:45.872	-1.0					T__				m_e ML	2.6
BRG	1.54	170.8	Pg	02:41:47.979	-0.0					T__				m_e	
BRG	1.54	170.8	Sg	02:42:08.047	0.2					T__				m_e	
MORC	1.81	201.2	Pn	02:41:50.432	-0.1					T__				m_e ML	3.2
MORC	1.81	201.2	Pg	02:41:52.596	-0.6					T__				m_e	
MORC	1.81	201.2	Sg	02:42:16.648	0.1					T__				m_e	
FBE	1.87	208.4	Pg	02:41:53.573	-0.8					T__				m_e ML	2.7
FBE	1.87	208.4	Sg	02:42:18.707	0.1					T__				m_e	
OKC	1.96	218.4	Pn	02:41:52.966	0.3					T__				m_e ML	2.5
OKC	1.96	218.4	Pg	02:41:55.887	-0.2					T__				m_e	
OKC	1.96	218.4	Sg	02:42:21.132	-0.3					T__				m_e	
CLL	2.03	225.5	Pn	02:41:53.044	-0.5					T__				m_e ML	2.8
CLL	2.03	225.5	Pg	02:41:55.985	-1.3					T__				m_e	
CLL	2.03	225.5	Sg	02:42:23.942	0.4					T__				m_e	
WERD	2.66	295.4	Pn	02:42:02.132	0.1					T__				m_e ML	2.8
WERD	2.66	295.4	Pg	02:42:08.156	-1.0					T__				m_e	
WERD	2.66	295.4	Sg	02:42:42.984	-0.5					T__				m_e	
MANZ	2.97	330.7	Pn	02:42:06.941	0.6					T__				m_e ML	3.2
MANZ	2.97	330.7	Pg	02:42:15.998	0.9					T__				m_e	
MANZ	2.97	330.7	Sg	02:42:54.631	1.1					T__				m_e	
MOX	3.01	334.3	Pn	02:42:07.089	0.3					T__				m_e ML	3.2
MOX	3.01	334.3	Pg	02:42:15.787	0.0					T__				m_e	
MOX	3.01	334.3	Sg	02:42:55.477	0.9					T__				m_e	
GEC2	3.02	336.1	Pn	02:42:08.020	1.0					T__				m_e ML	3.1
GEC2	3.02	336.1	Sg	02:42:54.840	-0.3					T__				m_e	
ROTZ	3.04	337.5	Pn	02:42:07.900	0.7					T__				m_e ML	3.0
ROTZ	3.04	337.5	Sg	02:42:55.968	0.5					T__				m_e	
WET	3.11	345.9	Pn	02:42:08.822	0.6					T__				m_e ML	3.1
WET	3.11	345.9	Sg	02:42:56.155	-1.7					T__				m_e	
GRA1	3.62	402.1	Sg	02:43:14.618	0.7					T__				m_e ML	3.4

CLZ 3.68 408.7 Sg 02:43:17.255 1.4 T__ m_e ML 3.2

Event 90116001 Paderborn

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/16	04:05:29.40	0.30	0.21	51.7590	8.8140				17.1	1.4		26	266			m i ke	GDNRW	90116041
2019/01/16	04:05:29.83	0.56	0.28	51.7056	8.8612				7.5	2.8	27	18	207	0.57	1.97	m i ke	BNS	90116031
2019/01/16	04:05:28.90		0.62	51.7500	8.8600				13.0	2.0	46	28	152			m i uk	HLNUG	90116021
2019/01/16	04:05:29.57	0.22	0.64	51.7300	8.8620				0.1	1.8	31	17	093	0.60	2.07	m i ke	BUG	90116011
2019/01/16	04:05:29.02	0.23	0.38	51.7460	8.8380	2.2	2.2	002	10.0f		20	13	065	0.60	1.59	m i ke	BGR	90116001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		GDNRW	90116041
ML	2.0		BNS	90116031
ML	2.0	0.2	28 HLNUG	90116021
MD	2.8	0.3	12 BUG	90116011
ML	2.8	0.2	12 BUG	90116011
ML	2.2	0.2	12 BGR	90116001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KAST	0.60	206.0	Pg	04:05:41.003	0.5					T__				m_e ML	1.9
KAST	0.60	206.0	Sg	04:05:48.530	0.1					T__				m_e	
SORT	0.67	234.0	Pg	04:05:42.170	0.4					---				m_e	
SORT	0.67	234.0	Sg	04:05:51.140	0.7					---		55.0	0.13	m_e	
LOCC	0.69	15.5	Pg	04:05:42.267	0.1					T__				m_e ML	2.2
LOCC	0.69	15.5	Sg	04:05:51.115	0.0					T__				m_e	
HMES	0.69	263.1	Pg	04:05:43.310	1.1					---				m__ ML	2.3
HMES	0.69	263.1	Sg	04:05:52.790	1.5					---		0.3		m__	
GTTG	0.73	105.6	Pg	04:05:43.552	0.7					T__				m_e ML	2.4
GTTG	0.73	105.6	Sg	04:05:52.506	0.2					T__				m_e	
IBBE	0.85	311.2	Pg	04:05:47.380	2.3					---				m__ ML	2.2
IBBE	0.85	311.2	Sg	04:05:58.070	2.0					---		0.2		m__	
IBBS	0.86	309.2	Pg	04:05:46.470	1.2					---				m__ ML	2.3
IBBS	0.86	309.2	Sg	04:05:57.820	1.3					---		0.2		m__	
IBBN	0.87	310.6	Pg	04:05:46.490	1.0					---				m__ ML	2.0
IBBN	0.87	310.6	Sg	04:05:56.807	0.0					T__				m_e	
CLZ	0.95	83.6	Pg	04:05:47.212	0.1					T__				m_e ML	2.4
CLZ	0.95	83.6	Sg	04:05:59.890	0.4					T__				m_e	
BTEZ	1.01	253.6	Pg	04:05:48.470	0.3					---				m__ ML	2.5
BKLB	1.02	253.2	Pg	04:05:48.590	0.2					---				m__ ML	2.4
BUG	1.02	253.2	Pg	04:05:48.591	0.2					T__				m_e ML	2.3
BUG	1.02	253.2	Sg	04:06:01.404	-0.2					T__				m_e	
ENTS	1.02	241.0	Pg	04:05:48.170	-0.2					---				m_e	
ENTS	1.02	241.0	Sg	04:06:01.530	-0.1					---				m_e	
BULI	1.02	254.0	Pg	04:05:48.670	0.3					---				m__ ML	2.5
BULI	1.02	254.0	Sg	04:06:02.420	0.8					---		0.3		m__	
GWBF	1.04	168.2	Pg	04:05:50.800	2.1					---				m__ ML	2.1
GWBF	1.04	168.2	Sg	04:06:04.300	2.1					---		0.1		m__	
EBSB	1.04	178.9	Pg	04:05:49.800	1.0					---				m__ ML	2.3
EBSB	1.04	178.9	Sg	04:06:03.900	1.6					---		0.2		m__	
BAVN	1.06	270.2	Sg	04:06:05.050	2.1					---		0.5		m__	

NRDL	1.08	45.7	Pg	04:05:49.259	-0.2	T__			m_e	ML	2.3
NRDL	1.08	45.7	Sg	04:06:04.500	1.0	___	0.0		m__		
VITZ	1.16	137.1	Pg	04:05:50.800	-0.2	___			m__	ML	2.0
VITZ	1.16	137.1	Sg	04:06:06.700	0.6	___	0.1		m__		
UBBA	1.18	141.4	Pg	04:05:51.079	-0.2	T__			m_e	ML	1.6
UBBA	1.18	141.4	Sg	04:06:06.225	-0.3	T__			m_e		
HES	1.18	252.0	Pg	04:05:50.360	-1.0	___			m_e		
HES	1.18	252.0	Sg	04:06:05.240	-1.4	___	29.8	0.28	m_e		
WBFO	1.20	192.7	Pg	04:05:51.900	0.2	___			m__	ML	2.0
WBFO	1.20	192.7	Sg	04:06:07.300	0.0	___	0.1		m__		
HOBG	1.21	231.5	Sg	04:06:07.785	0.2	___	49.6	0.37	m_e		
LAUG	1.24	252.2	Pg	04:05:51.471	-1.0	___			m_e		
LAUG	1.24	252.2	Sg	04:06:08.281	-0.3	___	32.1	0.43	m_e		
WTSB	1.28	280.7	Pg	04:05:53.590	0.4	T__			m_e	ML	2.2
WTSB	1.28	280.7	Sg	04:06:09.786	0.0	T__			m_e		
SPAHL	1.28	148.0	Pg	04:05:53.219	-0.0	T__			m_e	ML	2.3
SPAHL	1.28	148.0	Sg	04:06:09.500	-0.4	___	0.1		m__		
BNS	1.30	233.7	Pg	04:05:52.341	-1.2	___			m_e		
BNS	1.30	233.7	Sg	04:06:09.631	-0.8	___	36.6	0.16	m_e		
POSS	1.33	107.3	Pg	04:05:54.399	0.3	T__			m_e	ML	2.5
POSS	1.33	107.3	Sg	04:06:10.700	-0.6	___	0.1		m__		
WBS	1.35	226.6	Sg	04:06:09.830	-2.3	___	44.6	0.27	m_e		
WBNH	1.37	160.1	Pg	04:05:54.900	0.0	___			m__	ML	2.1
WBNH	1.37	160.1	Sg	04:06:12.400	-0.2	___	0.1		m__		
GWBC	1.40	195.0	Pg	04:05:54.500	-1.0	___			m__	ML	1.7
GWBC	1.40	195.0	Sg	04:06:13.900	0.3	___	0.0		m__		
PLH	1.46	240.3	Pn	04:05:54.400	-0.3	___			m_e		
PLH	1.46	240.3	Sn	04:06:12.100	-0.9	___			m_e		
HROE	1.47	145.1	Pn	04:05:54.400	-0.4	___			m__	ML	1.8
HROE	1.47	145.1	Sn	04:06:14.600	1.5	___	0.0		m__		
FACH	1.49	201.2	Pn	04:05:54.900	-0.2	___			m_e	ML	2.0
FACH	1.49	201.2	Pg	04:05:56.500	-0.6	___			m__		
FACH	1.49	201.2	Sn	04:06:13.100	-0.5	___			m_e		
FACH	1.49	201.2	Sg	04:06:15.700	-0.7	___	0.1		m__		
GLOK	1.49	216.8	Pn	04:05:54.800	-0.3	___			m_e		
KOE	1.49	208.2	Pn	04:05:55.200	0.1	___			m_e		
TNS	1.54	189.3	Pg	04:05:57.675	-0.5	T__			m_e	ML	2.2
TNS	1.54	189.3	Sg	04:06:17.000	-1.1	___	0.1		m__		
FLT1	1.59	67.4	Pg	04:05:57.973	-1.0	T__			m_e	ML	2.2
WBG	1.61	168.4	Pn	04:05:56.000	-0.7	___			m__	ML	1.8
WBG	1.61	168.4	Sg	04:06:19.800	-0.4	___	0.0		m__		
NICK	1.64	216.3	Pn	04:05:56.800	-0.3	___			m_e		
TDN	1.67	226.1	Sn	04:06:17.200	-0.6	___	17.0	0.17	m_e		
NAST	1.67	202.0	Sn	04:06:17.819	-0.0	___	22.4	0.25	m_e		
OCHT	1.69	214.1	Pn	04:05:57.500	-0.3	___			m_e		
OCHT	1.69	214.1	Sn	04:06:17.700	-0.6	___			m_e		
GWBE	1.69	194.4	Pg	04:06:00.400	-0.5	___			m__	ML	2.0
GWBE	1.69	194.4	Sg	04:06:21.900	-0.9	___	0.0		m__		
STB	1.70	228.2	Pn	04:05:57.907	-0.1	___			m_e		
DREI	1.73	181.9	Sg	04:06:22.900	-1.1	___			m__		
GWBD	1.74	200.2	Pn	04:05:58.200	-0.2	___			m__	ML	1.7
GWBD	1.74	200.2	Sg	04:06:24.500	0.3	___	0.0		m__		
BHE	1.74	217.5	Pn	04:05:58.100	-0.4	___			m_e		
BHE	1.74	217.5	Sn	04:06:19.100	-0.4	___	24.7	0.31	m_e		

LAGB	1.76	218.9	Pn	04:05:58.300	-0.5	---										m__	ML	1.9	
LAGB	1.76	218.9	Sg	04:06:25.300	0.2	---											m__		
BGG	1.81	212.1	Pn	04:05:59.283	-0.1	---											m_e		
GSH	1.84	237.7	Pn	04:05:59.600	-0.3	---											m_e	ML	2.2
GSH	1.84	237.7	Pg	04:06:02.700	-1.1	---											m__		
GSH	1.84	237.7	Sn	04:06:21.200	-0.7	---							19.3	0.22			m_e		
GSH	1.84	237.7	Sg	04:06:27.700	0.1	---							0.1				m__		
BODE	1.87	190.8	Pg	04:06:04.000	-0.2	---											m__		
WBB	1.91	183.4	Sn	04:06:23.500	0.0	---											m__		
MILB	1.94	171.3	Pn	04:06:02.600	1.4	---											m__	ML	2.2
MILB	1.94	171.3	Sg	04:06:30.900	0.2	---											m__		
DREG	1.96	237.5	Pn	04:06:02.326	0.9	---											m_e		
ERNH	1.97	182.0	Pn	04:06:02.000	0.4	---											m__	ML	2.0
HILG	1.99	223.9	Pn	04:06:02.164	0.3	---											m_e		
HILG	1.99	223.9	Sn	04:06:25.688	0.3	---											m_e		
ABH	2.03	204.1	Pn	04:06:02.700	0.2	---											m__	ML	2.2
MOX	2.06	121.2	Pn	04:06:04.170	1.3	---											m__	ML	2.5
MOX	2.06	121.2	Pg	04:06:09.310	1.4	---											m__		
MOX	2.06	121.2	Sg	04:06:33.500	-1.0	---											m__		
HGN	2.07	242.8	Pg	04:06:06.300	-1.7	---											m__	ML	2.6
HGN	2.07	242.8	Sg	04:06:33.600	-1.1	---											m__		
WBA	2.09	180.4	Pn	04:06:02.800	-0.5	---											m__	ML	1.9
LOH	2.13	223.7	Sn	04:06:28.200	-0.6	---											m_e		

Event 90117004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/17	11:11:31.17	0.66	1.15	51.3603	15.6308	4.5	2.8	000	0.0	0.0	42	14	018			m i sr	ZAMG	90117014
2019/01/17	11:11:29.40	0.50	0.90	51.5500	16.0500	6.7	2.2	018	1.0f		25	15	224	0.72	3.58	m i ki	BGR	90117004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.3	14 ZAMG	90117014
ML	3.1	0.3	15 BGR	90117004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.72	167.7	Pg	11:11:43.381	0.4					T__				m_e	ML 2.4
KSP	0.72	167.7	Sg	11:11:53.491	1.1					T__				m_e	
DPC	1.21	171.8	Pg	11:11:52.071	-0.2					T__				m_e	ML 3.5
DPC	1.21	171.8	Sg	11:12:09.918	2.0					T__				m_e	
BRG	1.48	243.7	Pn	11:11:56.252	-0.2					T__				m_e	ML 2.8
BRG	1.48	243.7	Pg	11:11:57.283	-0.1					T__				m_e	
BRG	1.48	243.7	Sg	11:12:16.834	0.3					T__				m_e	
FBE	1.80	250.6	Pn	11:12:02.765	2.0					T__				m_e	ML 2.6
FBE	1.80	250.6	Sg	11:12:26.535	-0.1					T__				m_e	
CLL	1.92	263.9	Pn	11:12:01.480	-0.8					T__				m_e	ML 2.9
CLL	1.92	263.9	Sg	11:12:30.195	-0.1					T__				m_e	
MORC	2.01	151.3	Pn	11:12:03.437	-0.2					T__				m_e	ML 3.5
MORC	2.01	151.3	Sg	11:12:32.676	-0.6					T__				m_e	
OKC	2.17	141.4	Pn	11:12:05.015	-0.7					T__				m_e	ML 2.8
OKC	2.17	141.4	Pg	11:12:09.933	-0.3					T__				m_e	
OKC	2.17	141.4	Sg	11:12:37.707	-0.5					T__				m_e	

WERD	2.60	246.4	Sg	11:12:53.173	1.1	T__	m_e	ML	2.8
MOX	2.93	253.7	Sg	11:13:04.094	1.7	T__	m_e	ML	3.3
MANZ	2.94	239.4	Sg	11:13:02.457	-0.4	T__	m_e	ML	3.2
ROTZ	3.02	235.3	Pn	11:12:17.635	0.4	T__	m_e	ML	3.0
ROTZ	3.02	235.3	Sg	11:13:04.787	-0.5	T__	m_e		
GEC2	3.09	210.0	Sg	11:13:06.207	-1.5	T__	m_e	ML	3.2
WET	3.14	221.3	Sg	11:13:08.211	-1.1	T__	m_e	ML	3.0
CLZ	3.53	277.0	Sg	11:13:21.181	-0.4	T__	m_e	ML	3.2
GRA1	3.58	240.6	Sg	11:13:24.167	1.0	T__	m_e	ML	3.7

Event 90117006 Furtwangen/Black Forest, E of Freiburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/17	22:47:05.30	0.04	0.38	48.0839	8.0154	0.9	0.8	168	11.0f		61	11	038			m i ke	LDG	90117036
2019/01/17	22:47:06.18	1.41	0.10	48.1090	8.0960				4.3	4.2	11	6	307	0.27	1.04	m i ke	BUG	90117026
2019/01/17	22:47:05.62	0.30	0.21	48.0830	8.0270	2.2	2.2	108	10.0f		22	13	116	0.23	1.84	m i ke	BGR	90117016
2019/01/17	22:47:05.46	0.08	0.11	48.0840	8.0330	0.6	0.5	112	11.0	2.0	43	23	085	0.15	1.75	m i ke	LED	90117006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.1	0.0	2 LDG	90117036
ML	2.1	0.3	10 LDG	90117036
MD	2.0	0.1	5 BUG	90117026
ML	2.1	0.3	5 BUG	90117026
ML	1.4	0.4	8 BGR	90117016
ML	1.4	0.2	21 LED	90117006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FBB	0.15	235.6	Pg	22:47:09.070	0.3					T__				mdi	ML 1.6
FBB	0.15	235.6	Sg	22:47:11.650	0.6					T__				m__	
FREI	0.15	239.4	Pg	22:47:09.120	0.3					T__				mdi	
FREI	0.15	239.4	Sg	22:47:11.780	0.7					T__				m__	
KIZ	0.15	211.0	Pg	22:47:09.040	0.2					T__				mdi	ML 1.8
KIZ	0.15	211.0	Sg	22:47:11.540	0.4					T__				m__	
FELD	0.21	185.4	Pg	22:47:09.990	0.2					T__				mc	ML 1.4
FELD	0.21	185.4	Sg	22:47:13.260	0.5					T__				m__	
BERGE	0.23	155.4	Pg	22:47:10.330	0.1					T__				mci	ML 1.4
BERGE	0.23	155.4	Sg	22:47:14.020	0.5					T__				m__	
VOGT	0.24	269.5	Pg	22:47:10.750	0.4					T__				mdi	ML 1.5
VOGT	0.24	269.5	Sg	22:47:14.490	0.7					T__				m__	
STAU	0.29	223.2	Pg	22:47:11.420	0.1					T__				mc	
STAU	0.29	223.2	Sg	22:47:15.580	0.3					T__				m__	
BREI	0.30	260.4	Pg	22:47:12.000	0.5					___				m__	
BREI	0.30	260.4	Sg	22:47:16.850	1.3					T__				m__	
BFO	0.32	38.7	Pg	22:47:11.770	0.1					T__				mci	ML 1.3
BFO	0.32	38.7	Sg	22:47:16.040	0.1					___				m__	
BREM	0.32	237.7	Pg	22:47:12.290	0.5					T__				md	
BREM	0.32	237.7	Sg	22:47:17.260	1.1					T__				m__	
A101B	0.35	84.1	Pg	22:47:12.600	0.3					___				m__	ML 1.5
A101B	0.35	84.1	Sg	22:47:17.100	0.2					___		0.2		m__	
OFFE	0.39	354.6	Pg	22:47:13.240	0.2					T__				m__	
OFFE	0.39	354.6	Sg	22:47:18.710	0.4					T__				m__	

METMA	0.40	158.3	Pg	22:47:13.180	-0.0	T__	m__ ML	1.0
METMA	0.40	158.3	Sg	22:47:18.560	0.0	T__	m__	
METMA	0.40	158.3	SmS	22:47:21.870	-2.5	T__	m__	
ENDD	0.42	208.3	Pg	22:47:13.620	0.0	T__	mc_ ML	1.5
ENDD	0.42	208.3	PmP	22:47:15.130	-1.8	T__	m__	
ENDD	0.42	208.3	SmS	22:47:22.010	-2.8	T__	m__	
OPP	0.43	13.9	Pg	22:47:13.710	0.0	T__	mci ML	1.2
OPP	0.43	13.9	Sg	22:47:19.410	0.1	___	m__	
ROTE	0.43	80.5	Pg	22:47:14.040	0.2	T__	mc_ ML	1.7
ROTE	0.43	80.5	Sg	22:47:19.730	0.2	T__	m__	
SLE	0.44	135.7	Pg	22:47:14.220	0.2	___	m__ ML	2.1
SLE	0.44	135.7	Sg	22:47:20.080	0.2	___	m__	
SLE	0.44	135.7	SmS	22:47:22.730	-2.6	___	m__	
SULZ	0.56	174.5	Pg	22:47:16.240	0.1	T__	mci ML	1.4
SULZ	0.56	174.5	Sg	22:47:23.820	0.4	T__	m__	
WLS	0.56	306.3	Sg	22:47:23.870	0.4	___	m__ ML	1.1
EMING	0.58	108.8	Pg	22:47:16.610	0.1	T__	md_ ML	1.5
EMING	0.58	108.8	Sg	22:47:24.620	0.6	T__	m__	
ECH	0.60	283.1	Pg	22:47:16.952	0.1	___	m_e	
ECH	0.60	283.1	Sg	22:47:24.770	0.1	___	m_e	
BABA	0.64	9.4	Pg	22:47:17.650	-0.1	T__	mc_ ML	1.3
BABA	0.64	9.4	Sg	22:47:26.110	-0.0	___	m__	
A100A	0.70	57.8	Pg	22:47:19.170	0.4	___	m__ ML	2.1
A100A	0.70	57.8	Sg	22:47:28.080	0.2	___	m__	
GUT	0.72	90.6	Pg	22:47:19.340	0.1	T__	m__ ML	1.4
GUT	0.72	90.6	Sg	22:47:28.950	0.3	T__	m__	
FREU	0.75	77.9	Pg	22:47:19.910	0.2	T__	m__ ML	1.1
FREU	0.75	77.9	Sg	22:47:29.750	0.2	___	m__	
A102A	0.78	85.5	Pg	22:47:20.470	0.2	___	m__ ML	1.9
A102A	0.78	85.5	Sg	22:47:30.790	0.3	___	m__	
BALST	0.78	197.0	Pg	22:47:20.160	-0.2	T__	mc_ ML	1.2
BALST	0.78	197.0	Sg	22:47:30.950	0.5	___	m__	
WALHA	0.80	114.0	Pg	22:47:21.047	0.4	___	m_e	
WALHA	0.80	114.0	Sg	22:47:31.955	0.8	___	m_e	
GALG	0.86	35.0	Pn	22:47:21.270	-1.6	T__	mc_ ML	1.5
GALG	0.86	35.0	Pg	22:47:21.920	0.2	T__	m__	
GALG	0.86	35.0	Sn	22:47:32.790	-2.3	T__	m__	
BOURR	0.87	218.3	Pn	22:47:21.470	-1.6	___	m__	
BOURR	0.87	218.3	Pg	22:47:22.350	0.3	___	m__	
BOURR	0.87	218.3	Sg	22:47:34.280	0.9	___	m__	
WILA	0.89	138.4	Sg	22:47:34.077	0.1	___	m_e ML	1.6
ZWI	0.96	79.1	Pg	22:47:23.670	0.0	___	m__ ML	1.3
ZWI	0.96	79.1	Sg	22:47:36.170	0.1	___	m__	
A109A	1.01	68.7	Pg	22:47:24.780	0.1	___	m__ ML	2.1
A109A	1.01	68.7	Sg	22:47:38.210	0.4	___	m__	
BRET	1.03	24.8	Sg	22:47:38.350	0.2	___	m__ ML	1.6
STU	1.03	47.8	Sg	22:47:38.729	0.3	___	m_e	
A104C	1.09	87.1	Sg	22:47:40.540	0.5	___	m__	
URBA	1.28	53.2	Pg	22:47:29.380	-0.2	T__	m__	
URBA	1.28	53.2	Sg	22:47:45.780	-0.3	T__	m__	
PLONS	1.38	138.2	Sg	22:47:48.978	-0.4	___	m_e	
HDH	1.53	70.1	Sg	22:47:54.370	0.2	___	m__	
WOER	1.75	56.9	Sg	22:47:59.640	-1.4	___	m__ ML	1.7
NORI	1.83	68.7	Sg	22:48:03.998	0.2	___	m_e	

Event 90118001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/18	04:44:15.00	0.50	1.47	51.4857	16.2278	3.7	2.6	026	0.0	0.0	42	17	090			m i sr	ZAMG	90118011
2019/01/18	04:44:15.58	0.42	0.62	51.5300	16.0880	4.4	3.3	023	1.0f		25	17	201	0.70	3.59	m i ki	BGR	90118001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.2	15 ZAMG	90118011
ML	3.4	0.4	7 BGR	90118001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.70	169.3	Pg	04:44:29.012	0.3					T__				m_e	ML 2.7
KSP	0.70	169.3	Sg	04:44:38.777	1.0					T__				m_e	
DPC	1.19	172.8	Pg	04:44:37.763	-0.2					T__				m_e	ML 3.7
DPC	1.19	172.8	Sg	04:44:53.562	0.2					T__				m_e	
BRG	1.50	244.8	Pn	04:44:41.766	-1.0					T__				m_e	ML 3.3
BRG	1.50	244.8	Sg	04:45:03.598	0.5					T__				m_e	
FBE	1.82	251.5	Pn	04:44:48.228	1.1					T__				m_e	ML 3.0
FBE	1.82	251.5	Sg	04:45:12.658	-0.6					T__				m_e	
CLL	1.94	264.6	Pn	04:44:47.664	-1.1					T__				m_e	
MORC	1.98	151.7	Pn	04:44:49.119	-0.3					T__				m_e	ML 3.7
MORC	1.98	151.7	Sg	04:45:17.949	-0.6					T__				m_e	
OKC	2.14	141.6	Pg	04:44:55.474	-0.4					T__				m_e	
TANN	2.54	245.4	Pn	04:44:56.964	-0.0					T__				m_e	ML 3.7
TANN	2.54	245.4	Sg	04:45:36.125	-0.2					T__				m_e	
WERD	2.61	247.0	Pn	04:44:57.787	-0.2					T__				m_e	
OJC	2.68	117.8	Pg	04:45:05.672	-0.5					T__				m_e	
MOX	2.94	254.3	Pn	04:45:02.082	-0.4					T__				m_e	ML 3.8
MANZ	2.95	240.0	Pn	04:45:02.882	0.3					T__				m_e	
ROTZ	3.03	235.9	Pn	04:45:03.665	0.1					T__				m_e	
GEC2	3.09	210.6	Pn	04:45:05.359	1.0					T__				m_e	
GEC2	3.09	210.6	Sg	04:45:53.380	-0.3					T__				m_e	
WET	3.14	221.9	Pn	04:45:05.682	0.5					T__				m_e	
WET	3.14	221.9	Sg	04:45:55.375	-0.1					T__				m_e	
CLZ	3.56	277.3	Pn	04:45:11.326	0.6					T__				m_e	
GRA1	3.59	241.1	Pn	04:45:11.742	0.5					T__				m_e	

Event 90119004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/19	17:06:39.25	0.54	2.24	51.3516	16.0219	5.4	3.1	046	0.0	0.0	37	14	016			m i sr	ZAMG	90119014
2019/01/19	17:06:37.83	0.48	0.74	51.5300	16.1160	7.8	3.3	014	1.0f		20	15	201	0.70	3.57	m i ki	BGR	90119004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.2	16 ZAMG	90119014
ML	3.1	0.3	8 BGR	90119004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.70	170.7	Pg	17:06:50.394	-0.6					T__				m_e	ML 2.5
DPC	1.19	173.6	Pg	17:06:59.173	-1.0					T__				m_e	ML 3.5
DPC	1.19	173.6	Sg	17:07:16.611	1.1					T__				m_e	
BRG	1.51	245.1	Pn	17:07:04.235	-1.0					T__				m_e	ML 3.1
BRG	1.51	245.1	Sg	17:07:25.857	-0.0					T__				m_e	
FBE	1.83	251.7	Pn	17:07:11.373	1.7					T__				m_e	ML 2.9
FBE	1.83	251.7	Sg	17:07:35.486	-0.6					T__				m_e	
CLL	1.95	264.7	Pn	17:07:10.373	-0.9					T__				m_e	ML 3.0
CLL	1.95	264.7	Sg	17:07:39.817	-0.1					T__				m_e	
MORC	1.97	152.2	Pn	17:07:10.735	-0.8					T__				m_e	ML 3.4
TANN	2.56	245.6	Pn	17:07:19.386	-0.1					T__				m_e	ML 3.3
WERD	2.63	247.2	Pn	17:07:20.370	-0.1					T__				m_e	
OJC	2.67	118.0	Pg	17:07:27.739	-0.4					T__				m_e	
OJC	2.67	118.0	Sg	17:08:03.216	0.6					T__				m_e	
MOX	2.96	254.4	Sg	17:08:12.609	0.7					T__				m_e	ML 3.5
MANZ	2.97	240.2	Pn	17:07:25.502	0.5					T__				m_e	
ROTZ	3.04	236.1	Pn	17:07:26.090	0.1					T__				m_e	
GEC2	3.10	210.9	Pn	17:07:27.064	0.3					T__				m_e	
WET	3.16	222.2	Pn	17:07:27.532	-0.0					T__				m_e	
CLZ	3.57	277.3	Pn	17:07:34.135	0.9					T__				m_e	

Event 90120006 Nancy/F

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/20	09:45:54.75	2.63	0.38	48.5228	6.8146	14.7	6.4	140	0.0	0.0	14	4	012			m i sm	ZAMG	90120026
2019/01/20	09:45:49.80	0.10	0.67	48.6890	6.2132	2.1	1.6	167	1.0f		44	14	079			m i si	LDG	90120016
2019/01/20	09:45:50.74	0.53	0.94	48.6630	6.2800	6.7	3.3	069	1.0f		24	14	211	0.73	3.39	m i ki	BGR	90120006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	4 ZAMG	90120026
MD	2.6		1 LDG	90120016
ML	2.8	0.3	7 LDG	90120016
ML	2.2	0.3	11 BGR	90120006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ECH	0.73	127.1	Pg	09:46:03.855	-0.7					T__				m_e	ML 1.6
ECH	0.73	127.1	Sg	09:46:14.209	0.1					T__				m_e	
WLF	1.01	355.3	Pg	09:46:08.451	-1.2					T__				m_e	ML 1.9
WLF	1.01	355.3	Sg	09:46:24.509	1.8					T__				m_e	
RIVT	1.09	16.7	Pg	09:46:10.879	-0.4					T__				m_e	
RIVT	1.09	16.7	Sg	09:46:24.553	-0.9					T__				m_e	
BFO	1.40	103.0	Pg	09:46:18.575	1.5					T__				m_e	ML 2.0
BFO	1.40	103.0	Sg	09:46:34.133	-1.0					T__				m_e	
BERGE	1.49	121.4	Pg	09:46:18.895	0.1					T__				m_e	ML 2.0
BERGE	1.49	121.4	Sg	09:46:37.893	-0.2					T__				m_e	
METMA	1.62	125.1	Pg	09:46:21.436	0.1					T__				m_e	ML 1.9
METMA	1.62	125.1	Sg	09:46:41.034	-1.3					T__				m_e	
BALST	1.63	144.0	Sg	09:46:41.855	-0.7					T__				m_e	ML 2.0
SULZ	1.67	132.1	Pg	09:46:22.570	0.4					T__				m_e	ML 2.3
SULZ	1.67	132.1	Sg	09:46:44.855	1.1					T__				m_e	
EMING	1.87	113.2	Pg	09:46:26.045	0.0					T__				m_e	

EMING	1.87	113.2	Sg	09:46:50.308	0.1	T__	m_e												
TNS	2.10	41.3	Pg	09:46:29.986	-0.4	T__	m_e ML	2.3											
TNS	2.10	41.3	Sg	09:46:58.615	1.1	T__	m_e												
WALHA	2.10	114.6	Sg	09:46:58.932	1.4	T__	m_e ML	2.4											
MILB	2.29	58.2	Pg	09:46:34.103	0.3	T__	m_e ML	2.6											
MILB	2.29	58.2	Sg	09:47:03.086	-0.3	T__	m_e												
UBR	2.73	109.6	Sg	09:47:19.740	2.1	T__	m_e ML	2.8											
GRA1	3.39	70.5	Sg	09:47:37.572	-0.9	T__	m_e												

Event 90122006 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/22	22:35:29.35	0.22	0.75	50.1141	18.4438	3.0	1.7	158	0.0	0.0	36	9	046			m i sr	ZAMG	90122016
2019/01/22	22:35:29.78	0.42	1.17	50.0770	18.4790	6.7	5.6	165	1.0f		23	14	142	0.32	4.69	m i ki	BGR	90122006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.3	9 ZAMG	90122016
ML	3.6	0.4	12 BGR	90122006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OKC	0.32	221.8	Pg	22:35:36.518	0.7					T__				m_e ML	2.6
OKC	0.32	221.8	Sg	22:35:41.571	1.6					T__				m_e	
MORC	0.67	243.9	Pg	22:35:42.591	0.1					T__				m_e ML	3.6
MORC	0.67	243.9	Sg	22:35:52.347	1.2					T__				m_e	
OJC	0.86	79.9	Pg	22:35:46.366	0.4					T__				m_e	
DPC	1.41	282.0	Pn	22:35:55.705	-0.1					T__				m_e ML	4.1
DPC	1.41	282.0	Sg	22:36:15.395	0.9					T__				m_e	
KSP	1.59	299.7	Pn	22:35:58.220	-0.0					T__				m_e ML	3.0
KSP	1.59	299.7	Sg	22:36:20.832	0.6					T__				m_e	
BRG	2.99	287.2	Pg	22:36:24.971	-1.2					T__				m_e ML	3.4
BRG	2.99	287.2	Sg	22:37:05.895	1.0					T__				m_e	
GEC2	3.34	250.2	Pg	22:36:31.315	-1.4					T__				m_e ML	3.7
GEC2	3.34	250.2	Sg	22:37:15.294	-0.6					T__				m_e	
CLL	3.68	291.6	Pg	22:36:39.787	0.7					T__				m_e	
WET	3.75	257.7	Pn	22:36:27.757	0.2					T__				m_e ML	3.9
WET	3.75	257.7	Pg	22:36:38.790	-1.6					T__				m_e	
WET	3.75	257.7	Sg	22:37:27.910	-0.9					T__				m_e	
TANN	3.86	277.3	Pn	22:36:29.211	0.1					T__				m_e ML	3.7
WERD	3.96	277.7	Pg	22:36:42.522	-1.9					T__				m_e ML	3.6
MANZ	4.09	271.2	Pn	22:36:32.216	0.0					T__				m_e ML	3.7
MANZ	4.09	271.2	Pg	22:36:45.246	-1.7					T__				m_e	
MOX	4.41	280.0	Pn	22:36:37.623	1.1					T__				m_e ML	3.7
GRA1	4.69	268.1	Pn	22:36:40.845	0.5					T__				m_e ML	4.1

Event 90123010 Klingenthal, Kraslice/CR, Erzgebirge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/23	03:19:15.71	0.17		50.2750	12.4310	1.1	1.1	083	11.6	1.2	48	25	048	0.04	1.65	m i ke	BGR	90123010

Magnitude Err Nsta Author OrigID
 ML 2.1 0.2 8 BGR 90123010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WERN	0.04	289.5	Pg	03:19:18.091	0.3					T__				m_e	
WERN	0.04	289.5	Sg	03:19:19.487	0.3					T__				m_e	
NKC	0.04	165.5	Pg	03:19:18.102	0.3					T__				m_e	
NKC	0.04	165.5	Sg	03:19:19.370	0.1					T__				m_e	
VACW	0.05	220.8	Pg	03:19:18.127	0.2					T__				m_e	
VACW	0.05	220.8	Sg	03:19:19.504	0.1					T__				m_e	
STCW	0.06	105.6	Pg	03:19:18.141	0.2					T__				m_e	
STCW	0.06	105.6	Sg	03:19:19.526	0.0					T__				m_e	
ROHR	0.08	241.1	Pg	03:19:18.420	0.2					T__				m_e	
ROHR	0.08	241.1	Sg	03:19:20.023	0.1					T__				m_e	
KRCW	0.09	48.2	Pg	03:19:18.420	0.2					T__				m_e	
KRCW	0.09	48.2	Sg	03:19:20.157	0.2					T__				m_e	
KVCW	0.09	142.0	Pg	03:19:18.324	0.0					T__				m_e	
KVCW	0.09	142.0	Sg	03:19:19.941	-0.1					T__				m_e	
GUNZ	0.11	324.4	Pg	03:19:18.850	0.3					T__				m_e	
GUNZ	0.11	324.4	Sg	03:19:20.737	0.2					T__				m_e	
MULD	0.14	353.7	Pg	03:19:19.182	0.2					T__				m_e	
MULD	0.14	353.7	Sg	03:19:21.285	0.1					T__				m_e	
TANN	0.14	7.9	Pg	03:19:19.210	0.2					T__				m_e	
TANN	0.14	7.9	Sg	03:19:21.313	0.0					T__				m_e	
WERD	0.19	335.3	Pg	03:19:20.056	0.3					T__				m_e	
WERD	0.19	335.3	Sg	03:19:22.602	0.0					T__				m_e	
TRIB	0.20	292.4	Pg	03:19:20.232	0.2					T__				m_e	
TRIB	0.20	292.4	Sg	03:19:23.071	0.1					T__				m_e	
LACW	0.26	150.9	Pg	03:19:21.304	0.4					T__				m_e	
LACW	0.26	150.9	Sg	03:19:24.897	0.4					T__				m_e	
PLN	0.27	320.4	Pg	03:19:21.480	0.3					T__				m_e	
PLN	0.27	320.4	Sg	03:19:25.241	0.2					T__				m_e	
MANZ	0.36	215.7	Pg	03:19:22.896	0.2					T__				m_e	
MANZ	0.36	215.7	Sg	03:19:27.594	0.1					T__				m_e	
SCHF	0.40	357.5	Pg	03:19:23.631	0.1					T__				m_e	ML 2.2
SCHF	0.40	357.5	Sg	03:19:29.032	0.1					T__				m_e	
ROTZ	0.53	195.9	Pg	03:19:26.011	0.2					T__				m_e	
ROTZ	0.53	195.9	Sg	03:19:32.996	0.2					T__				m_e	
MOX	0.64	305.8	Pg	03:19:28.185	0.3					T__				m_e	ML 1.7
MOX	0.64	305.8	Sg	03:19:36.683	0.5					T__				m_e	
FBE	0.87	41.8	Sg	03:19:43.825	0.2					T__				m_e	ML 2.1
GRA1	0.97	233.6	Pg	03:19:34.459	0.3					T__				m_e	ML 2.1
GRA1	0.97	233.6	Sg	03:19:47.030	0.3					T__				m_e	
CLL	1.09	19.1	Pg	03:19:36.382	-0.0					T__				m_e	ML 2.2
CLL	1.09	19.1	Sg	03:19:50.628	0.0					T__				m_e	
BRG	1.13	57.5	Pg	03:19:37.263	0.1					T__				m_e	ML 2.2
BRG	1.13	57.5	Sg	03:19:52.013	0.2					T__				m_e	
WET	1.17	165.5	Sg	03:19:53.196	0.3					T__				m_e	ML 2.1
PRU	1.38	101.2	Pg	03:19:41.758	-0.1					T__				m_e	
PRU	1.38	101.2	Sg	03:20:00.110	0.3					T__				m_e	
GEC2	1.65	149.6	Pg	03:19:46.343	-0.5					T__				m_e	ML 2.2
GEC2	1.65	149.6	Sg	03:20:07.160	-1.1					T__				m_e	

Event 90123003 Klingenthal, Kraslice/CR, Erzgebirge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/23	04:28:23.52	0.19		50.2760	12.4280	1.1	1.1	094	11.1	1.4	43	24	049	0.04	1.65	m i ke	BGR	90123003

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	9 BGR	90123003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WERN	0.04	289.0	Pg	04:28:25.795	0.3					T__				m_e	
WERN	0.04	289.0	Sg	04:28:27.221	0.3					T__				m_e	
NKC	0.04	163.5	Pg	04:28:25.754	0.2					T__				m_e	
NKC	0.04	163.5	Sg	04:28:27.072	0.1					T__				m_e	
VACW	0.05	218.6	Pg	04:28:25.812	0.2					T__				m_e	
VACW	0.05	218.6	Sg	04:28:27.225	0.1					T__				m_e	
STCW	0.06	106.0	Pg	04:28:25.842	0.1					T__				m_e	
STCW	0.06	106.0	Sg	04:28:27.243	0.0					T__				m_e	
ROHR	0.08	239.8	Pg	04:28:26.113	0.2					T__				m_e	
ROHR	0.08	239.8	Sg	04:28:27.734	0.1					T__				m_e	
KRCW	0.09	49.6	Pg	04:28:26.147	0.1					T__				m_e	
KRCW	0.09	49.6	Sg	04:28:27.767	0.1					T__				m_e	
KVCW	0.09	141.5	Pg	04:28:26.146	0.1					T__				m_e	
KVCW	0.09	141.5	Sg	04:28:27.761	-0.0					T__				m_e	
GUNZ	0.11	324.9	Pg	04:28:26.564	0.3					T__				m_e	
GUNZ	0.11	324.9	Sg	04:28:28.437	0.3					T__				m_e	
MULD	0.14	354.4	Pg	04:28:26.883	0.2					T__				m_e	
MULD	0.14	354.4	Sg	04:28:28.994	0.1					T__				m_e	
TANN	0.14	8.8	Pg	04:28:26.894	0.1					T__				m_e	
TANN	0.14	8.8	Sg	04:28:29.009	0.0					T__				m_e	
WERD	0.19	335.7	Pg	04:28:27.751	0.2					T__				m_e	
TRIB	0.20	292.4	Pg	04:28:27.927	0.2					T__				m_e	
TRIB	0.20	292.4	Sg	04:28:30.782	0.1					T__				m_e	
LACW	0.26	150.7	Pg	04:28:28.979	0.2					T__				m_e	
LACW	0.26	150.7	Sg	04:28:32.541	0.2					T__				m_e	
PLN	0.27	320.6	Pg	04:28:29.149	0.2					T__				m_e	
MANZ	0.35	215.4	Pg	04:28:30.561	0.1					T__				m_e	
MANZ	0.35	215.4	Sg	04:28:35.260	0.0					T__				m_e	
SCHF	0.40	357.7	Pg	04:28:31.487	0.2					T__				m_e	ML 2.1
SCHF	0.40	357.7	Sg	04:28:36.810	0.1					T__				m_e	
ROTZ	0.53	195.7	Pg	04:28:33.715	0.1					T__				m_e	ML 1.8
ROTZ	0.53	195.7	Sg	04:28:40.617	0.0					T__				m_e	
MOX	0.64	305.8	Pg	04:28:35.843	0.2					T__				m_e	ML 1.6
MOX	0.64	305.8	Sg	04:28:44.372	0.4					T__				m_e	
FBE	0.87	42.0	Pg	04:28:40.393	0.3					T__				m_e	ML 1.9
FBE	0.87	42.0	Sg	04:28:51.973	0.5					T__				m_e	
GRA1	0.97	233.5	Pg	04:28:42.244	0.3					T__				m_e	ML 2.0
CLL	1.09	19.2	Pg	04:28:44.102	-0.1					T__				m_e	ML 2.2
CLL	1.09	19.2	Sg	04:28:58.279	-0.1					T__				m_e	
BRG	1.13	57.6	Pg	04:28:44.994	0.1					T__				m_e	ML 2.1
BRG	1.13	57.6	Sg	04:28:59.669	0.0					T__				m_e	
PRU	1.39	101.2	Pg	04:28:49.468	-0.2					T__				m_e	ML 2.1
GEC2	1.65	149.5	Pg	04:28:53.898	-0.8					T__				m_e	ML 2.1

Event 90126004 Konstanz/Lake of Constance

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/26	13:44:04.60	0.07	0.48	47.7043	9.1569	1.2	1.1	041	6.0f		63	10	079			m i ke	LDG	90126044
2019/01/26	13:44:04.09	0.14	0.69	47.7154	9.1876	1.4	0.9	040	14.9	0.0	30	6	048			m i uk	ZAMG	90126034
2019/01/26	13:44:03.85	0.62	0.60	47.6510	9.1050				2.7	2.4	22	10	234	0.31	0.85	m i ke	BUG	90126024
2019/01/26	13:44:05.12	0.34		47.7210	9.1430	3.3	2.2	026	2.7	2.4	16	10	116	0.03	1.05	m i ke	BGR	90126014
2019/01/26	13:44:04.58	0.10	0.24	47.7020	9.1640	1.4	1.1	058	3.0f		41	25	079	0.04	1.47	m i ke	LED	90126004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	11 LDG	90126044
ML	1.9	0.2	7 ZAMG	90126034
MD	2.1	0.2	8 BUG	90126024
ML	2.4	0.2	8 BUG	90126024
ML	1.4	0.4	5 BGR	90126014
ML	1.6	0.3	25 LED	90126004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KONZ	0.04	178.0	Pg	13:44:05.510	0.1					T__				mdi	
KONZ	0.04	178.0	Sg	13:44:06.760	0.7					T__				m__	
WALHA	0.06	331.6	Pg	13:44:05.970	0.2					T__				md_ ML	2.0
WALHA	0.06	331.6	Sg	13:44:07.350	0.7					T__				m__	
ROMAN	0.18	139.9	Pg	13:44:08.210	0.2					T__				md_ ML	1.1
ROMAN	0.18	139.9	Sg	13:44:11.270	0.9					T__				m__	
STEIN	0.20	260.9	Pg	13:44:08.790	0.4					T__				mc_ ML	1.5
STEIN	0.20	260.9	Sg	13:44:12.180	1.2					T__				m__	
A103C	0.25	69.3	Pg	13:44:09.680	0.3					---				m__ ML	2.1
A103C	0.25	69.3	Sg	13:44:13.950	1.4					---		0.7		m__	
A103D	0.28	69.0	Pg	13:44:10.150	0.3					---				m__ ML	1.8
A103D	0.28	69.0	Sg	13:44:14.750	1.3					---		0.3		m__	
EMING	0.29	312.3	Pg	13:44:10.180	0.2					T__				md_ ML	1.4
EMING	0.29	312.3	Sg	13:44:14.620	0.9					T__				m__	
TETT	0.31	97.8	Pg	13:44:10.730	0.4					T__				mc_ ML	1.6
TETT	0.31	97.8	Sg	13:44:15.600	1.3					T__				m__	
WILA	0.34	211.2	Pg	13:44:11.340	0.4					T__				mc_ ML	1.6
WILA	0.34	211.2	Sg	13:44:16.750	1.5					T__				m__	
GUT	0.37	355.0	Pg	13:44:11.620	0.0					T__				md_ ML	1.7
GUT	0.37	355.0	Sg	13:44:16.990	0.6					T__				m__	
A102A	0.44	3.1	Pg	13:44:12.970	0.1					---				m__ ML	1.8
A102A	0.44	3.1	Sg	13:44:19.180	0.6					---		0.1		m__	
SLE	0.46	278.3	Pg	13:44:13.300	0.1					T__				mc_ ML	2.2
SLE	0.46	278.3	Sg	13:44:19.520	0.4					T__				m__	
MSS	0.50	344.2	Sg	13:44:21.070	0.7					T__				m__ ML	1.4
FREU	0.53	358.0	Pg	13:44:14.700	0.0					T__				md_ ML	1.1
FREU	0.53	358.0	Sg	13:44:22.250	0.7					T__				m__	
A101B	0.59	315.6	Pg	13:44:15.640	0.0					---				m__ ML	1.9
A101B	0.59	315.6	Sg	13:44:23.480	0.3					---		0.1		m__	
ZWI	0.59	18.8	Pg	13:44:15.660	0.0					T__				m__ ML	1.1
METMA	0.61	271.3	Pg	13:44:16.180	0.0					T__				md_ ML	1.4
METMA	0.61	271.3	Sg	13:44:24.390	0.3					T__				m__	
UBR	0.64	91.6	Pg	13:44:17.172	0.6					---				m_e ML	1.5

UBR	0.64	91.6	Sg	13:44:26.452	1.7	---	m_e												
PLONS	0.67	167.2	Sg	13:44:27.147	1.3	---	m_e												
BERGE	0.68	284.7	Pg	13:44:17.650	0.2	T_	m__ ML	1.6											
BERGE	0.68	284.7	Sg	13:44:26.860	0.5	T_	m__												
SULZ	0.73	256.7	Pg	13:44:18.780	0.4	T_	m__ ML	1.6											
A107C	0.76	65.1	Pg	13:44:19.550	0.6	---	m__												
A107C	0.76	65.1	Sg	13:44:32.550	3.7	---	m__		0.4										
A109A	0.77	14.8	Pg	13:44:20.150	1.1	---	m__ ML	2.0											
A109A	0.77	14.8	Sg	13:44:30.830	1.9	---	m__		0.1										
A100A	0.77	348.1	Pg	13:44:20.010	1.0	---	m__ ML	2.2											
A100A	0.77	348.1	Sg	13:44:32.100	3.1	---	m__		0.2										
A108A	0.78	34.4	Pg	13:44:19.530	0.2	---	m__ ML	2.4											
A108A	0.78	34.4	Sg	13:44:32.700	3.2	---	m__		0.3										
FELD	0.80	283.0	Sg	13:44:31.140	1.2	T_	m__ ML	1.9											
BFO	0.84	318.7	Pg	13:44:20.270	-0.2	T_	m__ ML	1.7											
BFO	0.84	318.7	Sg	13:44:32.950	1.7	---	m__		0.1										
KIZ	0.87	287.4	Pg	13:44:21.810	0.7	T_	m__ ML	1.7											
KIZ	0.87	287.4	Sg	13:44:33.010	0.7	T_	m__												
ENDD	0.96	271.3	Pg	13:44:22.800	0.1	T_	m__ ML	1.8											
ENDD	0.96	271.3	Sg	13:44:35.480	0.4	T_	m__												
OPP	1.03	321.0	Pg	13:44:24.370	0.4	T_	m__ ML	1.3											
OPP	1.03	321.0	Sg	13:44:37.880	0.6	T_	m__												
BALST	1.06	250.3	Pg	13:44:24.840	0.3	T_	m__ ML	1.8											
VOGT	1.07	291.3	Sg	13:44:39.730	1.1	T_	m__ ML	2.2											
GALG	1.11	346.9	Pg	13:44:25.580	0.0	T_	m__ ML	1.6											
GALG	1.11	346.9	Sg	13:44:40.570	0.6	T_	m__												
BABA	1.21	327.9	Pg	13:44:27.380	0.1	T_	m__ ML	1.2											
BOURR	1.34	257.5	Sg	13:44:47.830	0.7	T_	m__ ML	2.1											
ECH	1.44	291.7	Sg	13:44:50.420	0.2	---	m__												
HOHE	1.47	311.1	Pg	13:44:32.690	0.3	---	m__ ML	2.6											
HOHE	1.47	311.1	Sg	13:44:51.650	0.3	---	m__												

Event 90129002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/29	12:53:49.40	0.23	0.83	51.6034	15.6965	6.2	3.4	152	10.0f		81	37	307			m i ke	LDG	90129042
2019/01/29	12:53:47.06	0.76	0.39	51.6544	15.9574				0.0	0.9	14	8	351	5.30	6.17	m i ki	BNS	90129032
2019/01/29	12:53:45.43		0.87	51.4490	16.0800				0.1	4.8	21	17	061	2.92	6.55	m i ki	BUG	90129022
2019/01/29	12:53:46.33	0.53	1.24	51.3964	16.0350	5.9	2.9	052	0.0	0.0	56	18	071			m i sr	ZAMG	90129012
2019/01/29	12:53:45.34	0.24	0.84	51.4840	16.1610	3.3	2.2	020	1.0f		58	33	170	0.65	5.94	m i ki	BGR	90129002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	5.2	0.3	43 LDG	90129042
ML	4.5		BNS	90129032
ML	5.3	0.2	13 BUG	90129022
ML	4.3	0.2	18 ZAMG	90129012
ML	4.7	0.3	31 BGR	90129002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.65	172.6	Pg	12:53:57.839	0.3					T_				m_e ML	4.3
KSP	0.65	172.6	Sg	12:54:07.694	1.8					T_				m_e	

DPC	1.14	174.8	Pg	12:54:06.653	-0.1	T__	m_e ML	4.8
DPC	1.14	174.8	Sg	12:54:21.969	0.5	T__	m_e	
BRG	1.52	247.2	Pn	12:54:11.734	-1.1	T__	m_e ML	4.3
BRG	1.52	247.2	Pg	12:54:13.516	-0.4	T__	m_e	
BRG	1.52	247.2	Sg	12:54:34.209	0.6	T__	m_e	
FBE	1.85	253.4	Pn	12:54:16.710	-0.6	T__	m_e ML	4.2
FBE	1.85	253.4	Sg	12:54:44.138	0.1	T__	m_e	
MORC	1.92	152.3	Pn	12:54:18.206	-0.1	T__	m_e ML	4.7
MORC	1.92	152.3	Sg	12:54:43.110	-3.2	T__	m_e	
CLL	1.98	266.1	Pn	12:54:17.834	-1.3	T__	m_e ML	4.2
CLL	1.98	266.1	Pg	12:54:21.869	-0.8	T__	m_e	
CLL	1.98	266.1	Sg	12:54:48.165	-0.0	T__	m_e	
OKC	2.07	141.8	Pn	12:54:19.959	-0.4	T__	m_e ML	4.2
OKC	2.07	141.8	Pg	12:54:25.238	0.8	T__	m_e	
OKC	2.07	141.8	Sg	12:54:51.099	-0.1	T__	m_e	
TANN	2.56	246.8	Pn	12:54:26.844	-0.2	T__	m_e ML	4.7
TANN	2.56	246.8	Pg	12:54:34.436	0.8	T__	m_e	
TANN	2.56	246.8	Sg	12:55:06.988	0.2	T__	m_e	
OJC	2.62	117.4	Pn	12:54:26.556	-1.3	T__	m_e	
OJC	2.62	117.4	Pg	12:54:35.210	0.5	T__	m_e	
OJC	2.62	117.4	Sg	12:55:09.600	1.0	T__	m_e	
WERD	2.64	248.4	Pn	12:54:27.813	-0.3	T__	m_e ML	4.6
WERD	2.64	248.4	Sg	12:55:08.032	-1.2	T__	m_e	
PLN	2.71	249.9	Pn	12:54:28.837	-0.2	T__	m_e ML	4.2
PLN	2.71	249.9	Pg	12:54:36.816	0.4	T__	m_e	
PLN	2.71	249.9	Sg	12:55:11.317	-0.1	T__	m_e	
NEUB	2.75	266.0	Pn	12:54:29.543	-0.1	T__	m_e ML	5.0
MANZ	2.97	241.3	Pn	12:54:32.798	0.2	T__	m_e ML	4.8
MANZ	2.97	241.3	Sg	12:55:21.245	1.6	T__	m_e	
MOX	2.98	255.4	Pn	12:54:32.301	-0.3	T__	m_e ML	4.7
MOX	2.98	255.4	Pg	12:54:40.981	-0.5	T__	m_e	
MOX	2.98	255.4	Sg	12:55:20.396	0.5	T__	m_e	
ROTZ	3.04	237.1	Pn	12:54:33.462	-0.0	T__	m_e ML	4.6
ROTZ	3.04	237.1	Pg	12:54:42.490	-0.1	T__	m_e	
ROTZ	3.04	237.1	Sg	12:55:20.617	-1.3	T__	m_e	
GEC2	3.07	211.8	Pn	12:54:33.906	-0.0	T__	m_e ML	4.7
GEC2	3.07	211.8	Pg	12:54:42.883	-0.4	T__	m_e	
WET	3.14	223.1	Pn	12:54:35.593	0.7	T__	m_e ML	4.7
WET	3.14	223.1	Sn	12:55:14.450	3.9	___	5.1	m__
WET	3.14	223.1	Sg	12:55:25.223	0.1	T__	m_e	
FLT1	3.15	287.5	Sg	12:55:25.349	-0.2	T__	m_e ML	4.5
GOR1	3.33	298.8	Pn	12:54:37.691	0.2	T__	m_e ML	4.7
CLZ	3.61	278.0	Pn	12:54:41.679	0.5	T__	m_e ML	4.7
GRA1	3.61	242.2	Pn	12:54:41.472	0.2	T__	m_e ML	5.2
GRA1	3.61	242.2	Sg	12:55:41.048	1.0	T__	m_e	
NRDL	3.86	287.5	Pn	12:54:45.211	0.6	T__	m_e ML	4.7
NRDL	3.86	287.5	Sn	12:55:32.570	5.1	___	2.1	m__
UBBA	3.92	262.6	Pn	12:54:45.431	-0.0	T__	m_e ML	4.8
BSEG	4.30	307.0	Pn	12:54:48.777	-1.9	T__	m_e ML	4.6
RETH	4.36	289.3	Pn	12:54:52.035	0.7	T__	m_e ML	4.8
FUR	4.58	225.4	Pn	12:54:55.662	1.3	T__	m_e ML	5.3
FUR	4.58	225.4	Sn	12:55:50.990	6.7	___	5.2	m__
KAST	4.84	269.7	Pn	12:54:57.793	-0.2	T__	m_e ML	4.7
TNS	5.03	258.5	Pn	12:55:00.728	0.3	T__	m_e ML	5.0

A108A	5.14	234.9	Pn	12:55:04.130	2.2	---											m__ mb	5.5
IBBE	5.22	282.3	Pn	12:55:04.090	1.0	---											m__ mb	5.2
IBBN	5.25	282.3	Pn	12:55:04.348	0.9	T__											m_e ML	4.8
IBBN	5.25	282.3	Sn	12:56:07.600	7.6	---				172.6	1.39						m__	
NAST	5.39	259.4	Pn	12:55:06.552	1.1	---											m_e	
NAST	5.39	259.4	Sn	12:56:06.785	3.3	---				162.2	0.68						m_e	
KOE	5.41	262.0	Pn	12:55:06.407	0.7	---											m_e	
UBR	5.46	228.2	Pn	12:55:07.121	0.8	T__											m_e ML	5.3
BKLB	5.54	273.0	Pn	12:55:08.460	1.1	---											m__ mb	4.9
BUG	5.54	273.0	Pn	12:55:08.193	0.8	T__											m_e ML	4.8
BULI	5.54	273.2	Pn	12:55:09.200	1.8	---											m__ mb	5.0
HOBG	5.55	268.3	Pn	12:55:08.171	0.7	---											m_e	
HOBG	5.55	268.3	Sn	12:56:10.197	3.1	---				477.3	0.68						m_e	
A105A	5.58	225.4	Pn	12:55:10.290	2.3	---											m__ mb	5.0
BNS	5.65	268.2	Pn	12:55:09.676	0.8	---											m_e	
BNS	5.65	268.2	Sn	12:56:12.674	3.2	---				334.7	0.95						m_e	
HLG	5.68	301.6	Pn	12:55:09.421	0.1	T__											m_e	
STB	5.92	265.0	Pn	12:55:13.388	0.8	---											m_e	
STB	5.92	265.0	Sn	12:56:18.033	2.1	---				182.9	1.09						m_e	
BFO	5.94	241.0	Pn	12:55:12.596	-0.3	T__											m_e ML	5.2
HILG	6.09	262.4	Pn	12:55:16.510	1.6	---											m_e	
KLL	6.24	266.1	Pn	12:55:17.965	1.0	---											m_e	
KLL	6.24	266.1	Sn	12:56:26.991	3.6	---				70.6	1.05						m_e	
DREG	6.29	266.4	Pn	12:55:18.389	0.9	---											m_e	
DREG	6.29	266.4	Sn	12:56:28.538	4.1	---				122.3	1.91						m_e	
WLF	6.61	257.9	Pn	12:55:25.100	3.3	---											m__ mb	4.7

Event 90129004 Chur/CH

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/01/29	17:30:31.57		0.50	47.1220	9.3990				6.4	2.8	23	14	265	0.67	3.08	m i ke	BUG	90129024
2019/01/29	17:30:29.71	0.15	0.63	47.0600	9.5068	1.2	0.9	020	7.7	2.3	48	10	036			m i uk	ZAMG	90129014
2019/01/29	17:30:29.55	0.63		46.9930	9.5090	8.9	3.3	178	3.7	2.4	19	10	234	0.10	3.30	m i ke	BGR	90129004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.5	0.2	10 BUG	90129024
ML	2.8	0.2	10 BUG	90129024
ML	2.4	0.3	12 ZAMG	90129014
ML	1.9	0.1	4 BGR	90129004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	0.10	302.7	Pg	17:30:32.105	0.5					T__				m_e	
PLONS	0.10	302.7	Sg	17:30:33.650	0.6					T__				m_e	
WILA	0.59	316.1	Pg	17:30:40.714	0.1					T__				m_e ML	1.8
WILA	0.59	316.1	Sg	17:30:48.598	0.4					T__				m_e	
OBER	0.67	51.9	Pg	17:30:42.583	0.3					T__				m_e	
OBER	0.67	51.9	Sg	17:30:51.926	0.9					T__				m_e	
A105A	0.67	51.9	Pg	17:30:42.590	0.3					---				m__	
A105A	0.67	51.9	Sg	17:30:51.330	0.3					---				m__	
A103C	0.80	0.2	Pn	17:30:46.180	-0.8					---				m__ ML	2.5
A103C	0.80	0.2	Pg	17:30:44.670	0.1					---				m__	

A103C	0.80	0.2	Sg	17:30:57.530	2.6	___	0.5	m__		
UBR	0.80	30.3	Pg	17:30:44.583	-0.0	T__		m_e	ML	2.0
UBR	0.80	30.3	Sg	17:30:56.490	1.5	___	0.1	m__		
A103D	0.81	2.0	Pg	17:30:44.440	-0.4	___		m__	ML	2.3
A103D	0.81	2.0	Sg	17:30:54.700	-0.6	___	0.2	m__		
SLE	1.03	318.7	Pg	17:30:48.674	-0.4	T__		m_e		
SLE	1.03	318.7	Sg	17:31:03.822	1.4	T__		m_e		
SULZ	1.09	300.0	Pn	17:30:51.184	0.2	T__		m_e		
SULZ	1.09	300.0	Pg	17:30:50.209	0.1	T__		m_e		
SULZ	1.09	300.0	Sg	17:31:04.358	0.2	T__		m_e		
A107C	1.13	24.2	Pg	17:30:51.090	0.3	___		m__		
A104C	1.14	5.0	Pg	17:30:51.350	0.3	___		m__	ML	2.4
A104C	1.14	5.0	Sg	17:31:05.810	0.1	___	0.2	m__		
A102A	1.17	349.8	Pg	17:30:51.130	-0.4	___		m__	ML	2.3
A102A	1.17	349.8	Sg	17:31:05.500	-1.1	___	0.2	m__		
BALST	1.28	286.2	Pg	17:30:54.033	0.3	T__		m_e	ML	2.0
BALST	1.28	286.2	Sg	17:31:10.721	0.5	T__		m_e		
A101B	1.30	330.5	Pg	17:30:53.970	-0.1	___		m__	ML	2.3
A101B	1.30	330.5	Sg	17:31:09.420	-1.4	___	0.2	m__		
A108A	1.37	9.0	Pg	17:30:55.130	-0.3	___		m__	ML	2.5
A109A	1.45	358.7	Pg	17:30:56.560	-0.4	___		m__	ML	2.6
A109A	1.45	358.7	Sg	17:31:14.920	-0.7	___	0.2	m__		
A100A	1.51	345.2	Pg	17:30:57.420	-0.6	___		m__	ML	2.6
A100A	1.51	345.2	Sg	17:31:16.270	-1.3	___	0.2	m__		
BFO	1.56	329.7	Pg	17:30:58.326	-0.5	T__		m_e	ML	1.8
BFO	1.56	329.7	Sn	17:31:14.820	-2.1	___	0.1	m__		
BFO	1.56	329.7	Sg	17:31:17.742	-1.2	T__		m_e		
FUR	1.67	44.9	Pn	17:31:00.660	1.8	___		m__	ML	2.7
WET	3.11	45.1	Pn	17:31:18.052	-0.3	T__		m_e		
WET	3.11	45.1	Sn	17:31:54.066	0.5	T__		m_e		
ROTZ	3.30	31.9	Pn	17:31:18.964	-2.0	T__		m_e		

DATA_TYPE ARRIVAL: REVIEWED IMS1.0

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