

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 90801011 Konstanz/Lake of Constance

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/08/01	18:01:40.70	0.17	0.56	47.6968	9.0483	2.8	1.7	058	4.0f		51	17	174			m i ke	LDG	90801041
2019/08/01	18:01:40.49	0.55	0.79	47.7700	9.0670				0.0		13	9	202	0.33	0.90	m i ke	BUG	90801031
2019/08/01	18:01:39.56	0.27	0.48	47.7500	9.0990	2.2	2.2	175	5.0f		22	13	050	0.02	1.41	m i ke	BGR	90801021
2019/08/01	18:01:39.96	0.10	0.32	47.7460	9.1030	1.2	1.1	345	3.0f		80	42	050	0.02	2.50	m i ke	LED	90801011

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.4	22 LDG	90801041
MD	2.7	0.3	7 BUG	90801031
ML	2.7	0.3	7 BUG	90801031
ML	2.1	0.3	12 BGR	90801021
ML	2.3	0.2	52 LED	90801011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WALHA	0.02	63.3	Pg	18:01:40.250	-0.3					T__				m__	ML 3.1
WALHA	0.02	63.3	Sg	18:01:40.950	0.0					T__				m__	
KONZ	0.09	152.3	Sg	18:01:43.490	0.5					T__				m__	ML 2.5
STEIN	0.17	244.2	Pg	18:01:43.540	0.2					T__				mc__	ML 2.1
STEIN	0.17	244.2	Sg	18:01:46.610	1.0					T__				m__	
EMING	0.23	311.0	Pg	18:01:44.480	0.2					T__				mc__	ML 2.2
EMING	0.23	311.0	Sg	18:01:48.160	0.9					T__				m__	
ROMAN	0.24	139.1	Pg	18:01:44.580	0.1					T__				mc__	ML 2.2
ROMAN	0.24	139.1	Sg	18:01:48.240	0.6					T__				m__	
A103D	0.31	79.5	Pg	18:01:45.820	0.1					T__				mc__	ML 2.1
A103D	0.31	79.5	Sg	18:01:50.470	0.8					T__				m__	
GUT	0.33	1.4	Pg	18:01:46.160	0.1					T__				md__	ML 2.4
GUT	0.33	1.4	Sg	18:01:51.070	0.7					T__				m__	
TETT	0.35	103.9	Sg	18:01:52.270	1.0					T__				m__	ML 2.1
WILA	0.36	201.8	Pg	18:01:46.880	0.2					T__				mc__	ML 2.1
WILA	0.36	201.8	Sg	18:01:52.420	1.1					T__				m__	
SAUL	0.38	45.5	Sg	18:01:52.610	0.5					T__				m__	ML 2.0
A102A	0.40	9.3	Pg	18:01:47.620	0.1					___				m__	ML 2.7
A102A	0.40	9.3	Sg	18:01:53.550	0.9					___		0.6		m__	
SLE	0.41	273.0	Pg	18:01:47.800	0.1					T__				mci	ML 2.1
SLE	0.41	273.0	Sg	18:01:53.590	0.6					T__				m__	
MSS	0.44	347.7	Pg	18:01:48.480	0.2					T__				md__	ML 2.0
MSS	0.44	347.7	Sg	18:01:54.990	0.9					T__				m__	
FREU	0.49	2.6	Pg	18:01:49.270	0.1					T__				md__	ML 1.9
FREU	0.49	2.6	Sg	18:01:56.180	0.6					T__				m__	
ROTE	0.50	324.8	Pg	18:01:49.510	0.1					T__				m__	ML 2.1
ROTE	0.50	324.8	Sg	18:01:56.290	0.4					T__				m__	
A101B	0.53	315.3	Pg	18:01:50.280	0.4					___				m__	ML 2.2
A104C	0.53	44.1	Pg	18:01:50.090	0.1					___				m__	ML 2.1
A104C	0.53	44.1	Sg	18:01:57.440	0.6					T__				m__	
ZWI	0.56	24.2	Pg	18:01:50.450	-0.1					T__				m__	ML 2.0
METMA	0.57	266.9	Pg	18:01:50.710	-0.1					T__				mc__	ML 2.2
METMA	0.57	266.9	Sg	18:01:58.536	0.4					___				m_e	
BERGE	0.63	281.8	Pg	18:01:52.010	0.1					T__				mc__	ML 2.4
BERGE	0.63	281.8	Sg	18:02:00.670	0.6					T__				m__	

DAVA	0.70	130.9	Pg	18:01:53.899	0.8	___	m_e ML	2.1
DAVA	0.70	130.9	Sg	18:02:03.980	1.8	T__	m__	
DAVA	0.70	130.9	SmS	18:02:07.500	0.0	T__	m__	
SULZ	0.70	252.3	Pg	18:01:53.290	0.1	T__	mc_ ML	2.3
SULZ	0.70	252.3	Sg	18:02:03.299	1.0	___	m_e	
A100A	0.72	350.6	Pg	18:01:53.980	0.5	___	m__ ML	2.4
PLONS	0.72	164.8	Sg	18:02:03.418	0.5	___	m_e ML	1.4
BUCH	0.72	13.3	Pg	18:01:53.670	0.1	T__	m__ ML	2.3
BUCH	0.72	13.3	PmP	18:01:54.650	-2.0	T__	m__	
BUCH	0.72	13.3	Sg	18:02:03.860	0.9	T__	m__	
BUCH	0.72	13.3	SmS	18:02:07.180	-0.9	T__	m__	
FELD	0.75	280.4	Pg	18:01:54.120	0.0	T__	mc_ ML	2.8
FELD	0.75	280.4	Sg	18:02:05.030	1.2	T__	m__	
FELD	0.75	280.4	SmS	18:02:07.410	-1.4	T__	m__	
A108A	0.77	38.7	Pg	18:01:55.120	0.6	___	m__	
TUBL	0.78	359.0	PmP	18:01:55.500	-2.0	T__	mc_ ML	2.4
BFO	0.78	318.8	Pg	18:01:54.850	0.2	T__	m__ ML	2.8
BFO	0.78	318.8	Sg	18:02:04.497	-0.3	___	m_e	
A107D	0.78	69.2	Pg	18:01:54.830	0.1	T__	m__ ML	3.0
A107D	0.78	69.2	Sg	18:02:05.680	0.9	T__	m__	
A107D	0.78	69.2	SmS	18:02:08.980	-0.7	T__	m__	
KIZ	0.82	285.2	Pg	18:01:55.410	-0.1	T__	mc_ ML	2.8
KIZ	0.82	285.2	Sg	18:02:07.290	1.2	T__	m__	
KIZ	0.82	285.2	SmS	18:02:09.010	-1.7	T__	m__	
A105A	0.87	112.4	Pg	18:01:57.520	1.1	___	m__ ML	2.3
A105A	0.87	112.4	SmS	18:02:11.630	-0.5	___	m__	
ENDD	0.92	268.6	Pg	18:01:57.210	-0.1	T__	mc_ ML	2.9
ENDD	0.92	268.6	SmS	18:02:11.510	-1.9	T__	m__	
DEGG	0.95	25.0	Pg	18:01:57.950	0.0	T__	m__ ML	2.4
DEGG	0.95	25.0	Sg	18:02:11.370	1.1	T__	m__	
OPP	0.97	321.2	Pg	18:01:58.550	0.3	T__	m__ ML	2.3
OPP	0.97	321.2	Sg	18:02:11.780	1.0	T__	m__	
VOGT	1.02	289.8	Pg	18:01:59.610	0.5	T__	m__ ML	2.8
VOGT	1.02	289.8	Sg	18:02:13.510	1.2	T__	m__	
STU	1.03	3.3	Pg	18:01:59.970	0.7	T__	m__ ML	2.3
STU	1.03	3.3	Sg	18:02:13.160	0.6	T__	m__	
BALST	1.04	247.2	Pg	18:01:59.510	0.0	T__	m__ ML	2.5
BALST	1.04	247.2	PmP	18:02:00.070	-1.7	T__	m__	
BALST	1.04	247.2	Sg	18:02:12.782	-0.1	___	m_e	
GALG	1.06	348.5	Pg	18:01:59.760	-0.2	T__	md_ ML	2.3
GALG	1.06	348.5	PmP	18:02:00.490	-1.7	T__	mc_	
GALG	1.06	348.5	Sg	18:02:13.860	0.2	T__	m__	
HDH	1.12	40.9	Sg	18:02:15.700	0.3	T__	m__ ML	2.7
URBA	1.14	16.2	Sg	18:02:16.400	0.3	T__	m__ ML	2.3
BABA	1.15	328.4	Pn	18:02:01.030	-1.2	T__	m__ ML	2.2
BABA	1.15	328.4	Pg	18:02:01.840	0.3	T__	m__	
BABA	1.15	328.4	Sg	18:02:16.950	0.6	T__	m__	
RETA	1.15	102.4	Pg	18:02:02.260	0.7	T__	m__ ML	2.2
RETA	1.15	102.4	Sg	18:02:18.310	1.9	T__	m__	
ILLF	1.24	267.7	Pg	18:02:03.710	0.3	T__	mc_ ML	2.3
WALT	1.25	280.8	Pg	18:02:03.470	0.0	T__	m__ ML	2.3
WALT	1.25	280.8	Sg	18:02:20.930	1.4	T__	m__	
BRET	1.30	347.9	Pg	18:02:04.700	0.3	T__	mc_ ML	2.3
BRET	1.30	347.9	Sg	18:02:22.290	1.1	T__	m__	

0.2

BOURR	1.31	255.2	Pn	18:02:03.420	-1.0	T__	m__	ML	2.5
BOURR	1.31	255.2	Sn	18:02:21.080	-0.6	T__	m__		
BOURR	1.31	255.2	Sg	18:02:22.710	1.1	T__	m__		
WLS	1.35	300.3	Pg	18:02:05.330	0.0	T__	m__	ML	2.3
WLS	1.35	300.3	Sg	18:02:23.540	0.8	T__	m__		
NORI	1.41	45.6	Sg	18:02:24.756	0.1	---	m_e	ML	2.5
HOHE	1.41	310.8	Sg	18:02:25.500	0.6	---	m__	ML	2.5
WOER	1.49	30.8	Pn	18:02:05.080	-1.7	---	m__	ML	2.5
WOER	1.49	30.8	Sn	18:02:24.680	-1.2	---	m__		
WOER	1.49	30.8	Sg	18:02:27.060	-0.1	---	m__		
ROTT	1.52	335.8	Sg	18:02:30.090	1.8	---	m__	ML	2.0
PEB	1.61	325.6	Sg	18:02:31.710	0.6	---	m__	ML	2.4
SIND	1.64	11.5	Pn	18:02:07.000	-1.9	---	m__	ML	2.2
SIND	1.64	11.5	Pg	18:02:10.820	0.0	---	m__		
SIND	1.64	11.5	Sn	18:02:28.140	-1.3	---	m__		
SIND	1.64	11.5	Sg	18:02:31.790	-0.2	---	m__		
CHMF	1.73	254.2	Pn	18:02:09.120	-1.0	---	m__	ML	2.3
CHMF	1.73	254.2	Pg	18:02:12.100	-0.5	---	m__		
CHMF	1.73	254.2	Sg	18:02:34.530	-0.4	---	m__		
VOEL	1.79	313.6	Sg	18:02:37.160	0.2	---	m__	ML	2.2
GRA1	2.40	34.9	Sg	18:02:54.730	-1.3	---	m__	ML	2.4
RIVT	2.50	322.7	Sg	18:02:58.080	-1.2	---	m__	ML	2.1

Event 90804007 Konstanz/Lake of Constance

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/08/04	19:12:34.90	0.09	0.39	47.7439	9.1254	1.5	1.2	075	4.0f		31	4	129			m i ke	LDG	90804037
2019/08/04	19:12:34.55	0.59	0.92	47.7030	9.0310				0.2	2.9	17	9	214	0.36	0.90	m i ke	BUG	90804027
2019/08/04	19:12:34.64	0.75	0.51	47.7530	9.1410	6.7	3.3	079	5.0f		18	10	248	0.01	1.41	m i ke	BGR	90804017
2019/08/04	19:12:34.96	0.14	0.32	47.7450	9.1100	1.7	1.4	114	3.0f		37	24	060	0.01	1.48	m i ke	LED	90804007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.1	3 LDG	90804037
MD	2.7	0.7	7 BUG	90804027
ML	2.0	0.2	7 BUG	90804027
ML	1.4	0.3	7 BGR	90804017
ML	1.4	0.3	17 LED	90804007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
WALHA	0.01	48.5	Pg	19:12:35.260	-0.3					T__				mci	ML	2.2
WALHA	0.01	48.5	Sg	19:12:35.970	0.1					T__				m__		
STEIN	0.18	245.2	Pg	19:12:38.550	0.2					T__				mc_	ML	1.3
STEIN	0.18	245.2	Sg	19:12:41.640	0.9					T__				m__		
EMING	0.23	310.5	Pg	19:12:39.500	0.1					T__				mc_	ML	1.4
EMING	0.23	310.5	Sg	19:12:43.230	0.8					T__				m__		
ROMAN	0.24	139.8	Sg	19:12:43.210	0.7					T__				m__	ML	1.3
A103D	0.30	79.1	Pg	19:12:41.190	0.5					---				m__	ML	1.2
A103D	0.30	79.1	Sg	19:12:45.450	0.9					T__				m__		
GUT	0.33	0.6	Pg	19:12:41.200	0.1					T__				md_	ML	1.5
GUT	0.33	0.6	Sg	19:12:46.110	0.8					T__				m__		
WILA	0.36	202.5	Pg	19:12:41.870	0.2					T__				m__	ML	1.3

WILA	0.36	202.5	Sg	19:12:47.440	1.1	T__	m__												
A102A	0.40	8.6	Pg	19:12:42.670	0.2	___	m__ ML												2.1
A102A	0.40	8.6	Sg	19:12:48.590	0.9	___	m__	0.3											
SLE	0.42	273.2	Pg	19:12:42.850	0.1	T__	mc_ ML												1.3
SLE	0.42	273.2	Sg	19:12:48.670	0.5	T__	m__												
MSS	0.44	347.1	Pg	19:12:43.510	0.2	T__	m__												
MSS	0.44	347.1	Sg	19:12:50.060	1.0	T__	m__												
FREU	0.49	2.1	Pg	19:12:44.310	0.1	T__	md_												
FREU	0.49	2.1	Sg	19:12:51.210	0.6	T__	m__												
ROTE	0.50	324.4	Sg	19:12:51.500	0.5	T__	m__ ML												1.4
LIENZ	0.52	149.8	Pg	19:12:45.270	0.5	T__	m__												
A101B	0.53	315.1	Pg	19:12:45.810	0.9	___	m__ ML												2.1
A101B	0.53	315.1	Sg	19:12:52.170	0.4	___	m__	0.2											
METMA	0.58	267.1	Pg	19:12:45.740	-0.1	T__	m__ ML												1.3
METMA	0.58	267.1	Sg	19:12:53.623	0.3	___	m_e												
BERGE	0.64	281.8	Pg	19:12:47.040	0.0	T__	mc_ ML												1.4
BERGE	0.64	281.8	Sg	19:12:55.745	0.5	___	m_e												
SULZ	0.71	252.5	Pg	19:12:48.380	0.1	T__	m__												
SULZ	0.71	252.5	Sg	19:12:58.420	1.0	T__	m__												
A100A	0.72	350.2	Pg	19:12:49.530	1.0	___	m__ ML												2.4
A100A	0.72	350.2	Sg	19:12:56.990	-0.8	___	m__	0.3											
BUCH	0.72	12.9	Pg	19:12:49.670	1.1	T__	m__												
A109A	0.74	18.3	Pg	19:12:49.770	0.9	___	m__ ML												2.2
A109A	0.74	18.3	Sg	19:12:59.320	0.9	___	m__	0.7											
FELD	0.75	280.4	Pg	19:12:49.150	-0.0	T__	m__ ML												2.0
FELD	0.75	280.4	Sg	19:13:00.040	1.1	T__	m__												
A108A	0.77	38.4	Pg	19:12:50.760	1.2	___	m__ ML												2.7
A108A	0.77	38.4	SmS	19:13:02.730	-1.7	___	m__	0.5											
A107D	0.78	69.1	Pg	19:12:50.880	1.3	___	m__ ML												2.7
A107D	0.78	69.1	SmS	19:13:03.770	-0.8	___	m__	0.5											
BFO	0.78	318.6	Pg	19:12:49.785	0.0	___	m_e ML												1.6
BFO	0.78	318.6	Sg	19:13:00.193	0.3	___	m_e												
KIZ	0.83	285.2	Sg	19:13:02.370	1.1	T__	m__												
A105A	0.87	112.5	Pg	19:12:50.510	-0.8	___	m__ ML												2.5
ENDD	0.92	268.6	Pg	19:12:52.740	0.4	T__	m__ ML												2.1
OPP	0.97	321.0	Pg	19:12:53.830	0.5	T__	m__ ML												1.5
OPP	0.97	321.0	Sg	19:13:06.830	1.0	T__	m__												
VOGT	1.02	289.7	Pg	19:12:54.920	0.7	T__	m__ ML												1.9
VOGT	1.02	289.7	Sg	19:13:09.000	1.6	T__	m__												
BALST	1.04	247.3	Pg	19:12:55.133	0.6	___	m_e ML												1.7
BALST	1.04	247.3	Sg	19:13:09.360	1.4	___	m_e												
GALG	1.06	348.2	Sg	19:13:09.270	0.5	T__	m__												
URBA	1.14	16.0	Sg	19:13:11.530	0.4	T__	m__												
BABA	1.15	328.2	Pg	19:12:56.880	0.2	T__	m__ ML												1.7
BABA	1.15	328.2	Sg	19:13:12.030	0.5	T__	m__												
ECH	1.39	290.6	Sg	19:13:19.521	0.4	___	m_e												
HOHE	1.42	310.7	Sg	19:13:20.660	0.7	___	m__ ML												1.6
WOER	1.48	30.7	Sg	19:13:22.190	0.1	___	m__ ML												1.7

Event 90808003 Northern Italy

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

2019/08/08 05:36:36.20	0.14	0.65	45.7020	11.1357	2.7	2.4	124	2.0f		90	37	138						m i ke LDG	90808023
2019/08/08 05:36:36.42	0.40	1.27	45.8426	11.1558	2.5	1.5	017	12.7	0.0	55	13	014						m i uk ZAMG	90808013
2019/08/08 05:36:38.97	0.38	0.81	45.9040	11.0980	4.4	2.2	008	10.0f		43	23	228	1.41	3.79				m i ke BGR	90808003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.2	32 LDG	90808023
ML	3.5	0.7	23 ZAMG	90808013
ML	3.5	0.4	14 BGR	90808003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	1.41	15.0	Pn	05:37:04.316	0.4					T__				m_e	ML 3.2
WTTA	1.41	15.0	Sg	05:37:24.201	0.4					T__				m_e	
OBER	1.60	340.1	Pn	05:37:07.586	1.0					T__				m_e	
OBER	1.60	340.1	Pg	05:37:09.271	0.1					T__				m_e	
DAVA	1.62	329.3	Pn	05:37:08.146	1.4					T__				m_e	ML 3.2
DAVA	1.62	329.3	Sg	05:37:31.236	0.9					T__				m_e	
PLONS	1.65	314.7	Pn	05:37:08.445	1.3					T__				m_e	ML 2.9
PLONS	1.65	314.7	Sg	05:37:30.913	-0.4					T__				m_e	
KBA	1.94	52.0	Pn	05:37:12.526	1.3					T__				m_e	ML 3.4
KBA	1.94	52.0	Pg	05:37:15.055	-0.5					T__				m_e	
KBA	1.94	52.0	Sg	05:37:39.918	-0.8					T__				m_e	
WILA	2.13	315.9	Pg	05:37:18.392	-0.8					T__				m_e	ML 3.7
WILA	2.13	315.9	Sg	05:37:46.245	-0.5					T__				m_e	
RJOB	2.17	31.7	Sg	05:37:48.000	0.0					T__				m_e	ML 3.5
FUR	2.26	3.0	Pn	05:37:15.797	0.3					T__				m_e	
FUR	2.26	3.0	Pg	05:37:20.214	-1.4					T__				m_e	
WALHA	2.29	324.6	Pn	05:37:16.831	0.9					T__				m_e	
WALHA	2.29	324.6	Pg	05:37:21.810	-0.3					T__				m_e	
OBKA	2.46	74.5	Pn	05:37:17.827	-0.4					T__				m_e	ML 3.4
OBKA	2.46	74.5	Sg	05:37:56.358	-0.9					T__				m_e	
EMING	2.52	323.1	Pn	05:37:19.732	0.8					T__				m_e	ML 3.4
EMING	2.52	323.1	Pg	05:37:26.097	-0.3					T__				m_e	
EMING	2.52	323.1	Sg	05:37:59.494	0.6					T__				m_e	
SLE	2.58	317.2	Pn	05:37:19.870	0.1					T__				m_e	ML 4.2
SLE	2.58	317.2	Sg	05:38:01.164	0.3					T__				m_e	
SULZ	2.61	309.5	Pn	05:37:20.728	0.4					T__				m_e	ML 4.6
SULZ	2.61	309.5	Pg	05:37:27.310	-0.9					T__				m_e	
SULZ	2.61	309.5	Sg	05:38:02.143	0.1					T__				m_e	
METMA	2.66	313.9	Pg	05:37:28.176	-0.9					T__				m_e	ML 3.2
METMA	2.66	313.9	Sg	05:38:03.145	-0.3					T__				m_e	
BALST	2.74	302.7	Pn	05:37:21.899	-0.1					T__				m_e	ML 3.6
BALST	2.74	302.7	Pg	05:37:29.298	-1.3					T__				m_e	
BALST	2.74	302.7	Sg	05:38:05.061	-1.0					T__				m_e	
BERGE	2.80	315.7	Pn	05:37:23.369	0.5					T__				m_e	ML 3.2
BERGE	2.80	315.7	Sg	05:38:07.128	-0.9					T__				m_e	
NORI	2.83	353.7	Pg	05:37:31.510	-0.9					T__				m_e	ML 3.4
NORI	2.83	353.7	Sg	05:38:10.600	1.5					T__				m_e	
BFO	3.07	323.2	Pn	05:37:26.843	0.3					T__				m_e	
ARSA	3.33	64.5	Pn	05:37:29.767	-0.2					T__				m_e	
GEC2	3.43	30.0	Pn	05:37:31.264	-0.1					T__				m_e	
WET	3.46	19.7	Pn	05:37:31.482	-0.2					T__				m_e	
ECH	3.54	312.2	Pn	05:37:32.787	-0.1					T__				m_e	
GRFO	3.79	1.2	Pg	05:37:49.299	-1.1					T__				m_e	

Event 90810001 SE of Belfort/F, French-Swiss border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/08/10	01:15:32.00	0.04	0.57	47.4865	7.3239	1.0	0.8	138	9.0f		158	28	022			m i ke	LDG	90810031
2019/08/10	01:15:30.73	1.02	1.13	47.5940	7.1250				0.0		12	6	325	1.09	1.96	m i ke	BUG	90810021
2019/08/10	01:15:31.89	0.41	0.48	47.4970	7.3290	3.3	2.2	036	5.0f		39	21	218	0.30	4.46	m i ke	BGR	90810011
2019/08/10	01:15:31.84	0.09	0.21	47.4940	7.3250	1.2	1.0	135	5.0f		34	21	104	0.12	1.62	m i ke	LED	90810001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.8	0.1	3 LDG	90810031
ML	2.8	0.4	29 LDG	90810031
MD	3.1	0.2	6 BUG	90810021
ML	2.9	0.2	6 BUG	90810021
ML	2.4	0.4	14 BGR	90810011
ML	2.4	0.2	35 LED	90810001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BOURR	0.12	212.7	Pg	01:15:34.390	0.2					T__				m__	ML 2.5
ILLF	0.19	346.2	Pg	01:15:35.800	0.2					T__				mdi	ML 2.5
BALST	0.30	122.1	Pg	01:15:37.670	0.2					T__				mci	ML 2.1
BALST	0.30	122.1	Sg	01:15:42.250	0.9					T__				m__	
ENDD	0.36	51.4	Pg	01:15:38.550	-0.0					T__				m__	ML 1.9
ENDD	0.36	51.4	Sg	01:15:43.630	0.4					T__				m__	
WALT	0.47	356.1	Pg	01:15:41.140	0.3					T__				md__	ML 2.2
CHMF	0.52	241.9	Pg	01:15:41.720	0.1					T__				mci	ML 1.8
CHMF	0.52	241.9	Sg	01:15:49.040	0.7					T__				m__	
SULZ	0.53	86.0	Pg	01:15:41.874	-0.1					---				m_e	ML 2.6
SULZ	0.53	86.0	Sg	01:15:48.349	-0.5					---				m_e	
FELD	0.60	49.8	Pg	01:15:43.080	-0.0					T__				m__	ML 2.2
FELD	0.60	49.8	PmP	01:15:45.100	-1.3					T__				m__	
FELD	0.60	49.8	Sg	01:15:51.200	0.4					T__				m__	
FELD	0.60	49.8	SmS	01:15:54.910	-1.5					T__				m__	
KIZ	0.61	40.6	Pg	01:15:43.370	-0.0					T__				m__	ML 2.2
KIZ	0.61	40.6	Sg	01:15:51.600	0.3					T__				m__	
FBB	0.62	34.8	SmS	01:15:55.500	-1.5					T__				m__	ML 2.5
VOGT	0.63	21.4	Pg	01:15:44.060	0.3					T__				m__	ML 2.6
METMA	0.66	70.4	Pg	01:15:44.240	-0.1					T__				md__	ML 2.4
METMA	0.66	70.4	Sg	01:15:53.350	0.4					T__				m__	
METMA	0.66	70.4	SmS	01:15:56.340	-1.8					T__				m__	
BERGE	0.69	56.4	Pg	01:15:44.730	-0.1					T__				m__	ML 2.4
BERGE	0.69	56.4	Sg	01:15:54.271	0.6					---				m_e	
ECH	0.73	351.3	Pg	01:15:45.603	-0.0					---				m_e	ML 1.9
ECH	0.73	351.3	Sg	01:15:55.842	0.7					---				m_e	
SLE	0.83	70.5	Pg	01:15:47.510	-0.1					T__				md__	ML 2.8
SLE	0.83	70.5	Sg	01:15:58.927	0.6					---				m_e	
WLS	0.92	1.2	SmS	01:16:03.720	-1.3					T__				m__	ML 2.5
A101B	1.03	52.4	Pg	01:15:51.020	-0.3					---				m__	ML 2.6
A101B	1.03	52.4	Sg	01:16:05.530	0.8					---		0.3		m__	
STEIN	1.06	79.9	Pn	01:15:51.890	-0.7					T__				m__	ML 2.4
WILA	1.07	93.7	Pg	01:15:52.370	0.3					T__				m__	ML 2.6

WILA	1.07	93.7	Sg	01:16:07.120	1.2	T__	m__													
BFO	1.07	38.5	Pg	01:15:51.370	-0.7	T__	m__ ML													2.6
BFO	1.07	38.5	Sn	01:16:06.060	-1.6	T__	m__													
EMING	1.10	68.0	Pg	01:15:52.248	-0.3	---	m_e ML													2.4
EMING	1.10	68.0	Sg	01:16:07.261	0.4	---	m_e													
OPP	1.16	29.6	Sn	01:16:08.080	-1.5	T__	m__ ML													2.3
WALHA	1.24	77.3	Pn	01:15:54.450	-0.7	T__	m__ ML													2.6
WALHA	1.24	77.3	Sg	01:16:11.190	-0.0	---	m_e													
WALHA	1.24	77.3	SmS	01:16:12.850	-1.4	T__	m__													
MSS	1.29	57.5	Pg	01:15:56.210	-0.0	T__	m__ ML													2.3
MSS	1.29	57.5	Sg	01:16:14.270	1.3	T__	m__													
GUT	1.33	63.7	Pn	01:15:55.280	-1.1	T__	md_ ML													2.5
BABA	1.35	25.0	Pn	01:15:55.310	-1.4	---	md_ ML													2.2
A124A	1.39	33.7	Pn	01:15:55.860	-1.3	---	m__ ML													2.4
A102A	1.41	62.1	Pn	01:15:56.360	-1.1	---	m__ ML													2.4
A102A	1.41	62.1	Sg	01:16:17.300	0.5	---	m__			0.1										
FREU	1.42	57.9	Pn	01:15:56.690	-0.9	---	m__ ML													2.5
A100A	1.44	47.6	Pn	01:15:56.340	-1.5	---	m__ ML													2.8
A100A	1.44	47.6	Sg	01:16:18.000	0.4	---	m__			0.3										
PLONS	1.46	106.9	Pn	01:15:58.603	0.4	---	m_e ML													1.8
PLONS	1.46	106.9	Sg	01:16:18.766	0.4	---	m_e													
LIENZ	1.48	96.9	Pn	01:15:58.850	0.4	---	mc_ ML													2.3
A103D	1.53	77.6	Pg	01:16:01.400	0.7	---	m__ ML													2.6
A103D	1.53	77.6	Sg	01:16:21.500	1.0	---	m__			0.2										
PEB	1.59	9.3	Pn	01:15:59.010	-0.9	---	m__ ML													2.4
PEB	1.59	9.3	Pg	01:16:01.120	-0.8	---	m__													
GALG	1.62	36.4	Pn	01:15:58.620	-1.6	---	m__ ML													2.3
GALG	1.62	36.4	Pg	01:16:02.490	0.2	---	m__													
GALG	1.62	36.4	Sg	01:16:23.470	0.3	---	m__													
STU	1.78	43.6	Sg	01:16:28.791	0.2	---	m_e ML													2.7
A108A	1.88	62.1	Pg	01:16:07.300	-0.1	---	m__ ML													3.0
A108A	1.88	62.1	Sg	01:16:32.800	1.1	---	m__			0.2										
RIVT	2.24	350.7	Pn	01:16:08.951	0.2	---	m_e													
RIVT	2.24	350.7	Pg	01:16:13.997	-0.2	---	m_e													
RIVT	2.24	350.7	Sn	01:16:34.259	-0.9	---	m_e													
RIVT	2.24	350.7	Sg	01:16:43.871	0.7	---	m_e													
WLF	2.30	340.8	Pg	01:16:15.262	-0.0	---	m_e													
WLF	2.30	340.8	Sg	01:16:44.755	-0.3	---	m_e													
NORI	2.52	59.7	Sg	01:16:52.365	0.4	---	m_e ML													2.7
FUR	2.73	74.4	Sg	01:16:59.331	0.6	---	m_e													
TNS	2.83	14.7	Pn	01:16:16.304	-0.3	---	m_e													
TNS	2.83	14.7	Sn	01:16:48.830	-0.0	---	m_e													
GRA1	3.39	48.1	Pg	01:16:34.907	-0.8	---	m_e ML													3.0
GRA1	3.39	48.1	Sg	01:17:19.481	0.0	---	m_e													
MANZ	4.02	49.9	Pg	01:16:48.296	0.7	---	m_e													
MANZ	4.02	49.9	Sg	01:17:38.318	-1.2	---	m_e													
WET	4.04	63.9	Sg	01:17:39.737	-0.6	---	m_e													
GEC2	4.46	70.0	Sg	01:17:53.289	-0.3	---	m_e													

Event 90811005 Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/08/11	23:29:48.33	0.67	0.47	47.6980	20.2140	7.8	4.4	142	10.0f		32	27	253	1.72	8.12	m i ke	BGR	90811035

Magnitude Err Nsta Author OrigID
 ML 3.4 0.3 9 BGR 90811035

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
NIE	1.72	2.1	Pn	23:30:18.539	1.0					T__				m_e	
JAVC	2.05	305.4	Pn	23:30:22.996	0.9					T__				m_e ML	3.3
OKC	2.54	328.3	Pn	23:30:29.609	1.0					T__				m_e ML	3.0
OJC	2.54	354.0	Pn	23:30:29.458	0.9					T__				m_e ML	3.5
MORC	2.72	320.7	Pn	23:30:32.017	0.9					T__				m_e ML	3.7
KRUC	2.88	299.7	Pn	23:30:33.465	0.2					T__				m_e ML	3.0
VRAC	2.89	305.2	Pn	23:30:34.019	0.6					T__				m_e	
VRAC	2.89	305.2	Sn	23:31:08.896	3.1					T__				m_e	
ARSA	3.20	263.7	Pn	23:30:38.565	0.9					T__				m_e	
ARSA	3.20	263.7	Sn	23:31:16.128	2.9					T__				m_e	
TREC	3.52	298.8	Pn	23:30:42.762	0.9					T__				m_e	
MOA	4.00	274.4	Pn	23:30:49.676	1.2					T__				m_e ML	3.7
OBKA	4.03	255.0	Pn	23:30:49.881	1.0					T__				m_e ML	3.7
KSP	4.05	322.3	Pn	23:30:50.900	1.7					T__				m_e	
PRU	4.38	303.6	Pn	23:30:54.306	0.7					T__				m_e	
PRU	4.38	303.6	Sn	23:31:44.754	3.9					T__				m_e	
GEC2	4.48	287.2	Pn	23:30:56.272	1.3					T__				m_e ML	3.5
GEC2	4.48	287.2	Sn	23:31:48.495	5.2					T__				m_e	
KHC	4.63	290.5	Pn	23:30:58.176	1.2					T__				m_e	
PVCC	4.65	309.6	Pn	23:30:58.369	1.1					T__				m_e	
KBA	4.69	264.9	Pn	23:30:59.890	2.1					T__				m_e	
WET	5.08	289.3	Pn	23:31:04.163	1.1					T__				m_e ML	3.6
BRG	5.18	310.2	Pn	23:31:05.861	1.5					T__				m_e	
FBE	5.51	308.3	Pn	23:31:10.002	1.1					T__				m_e	
ROTZ	5.67	294.4	Pn	23:31:12.153	1.1					T__				m_e	
WERN	5.75	299.6	Pn	23:31:13.784	1.5					T__				m_e	
TANN	5.76	301.0	Pn	23:31:13.328	1.0					T__				m_e	
CLL	5.91	310.3	Pn	23:31:15.401	1.1					T__				m_e	
MOX	6.34	300.9	Pn	23:31:21.868	1.7					T__				m_e	
BFO	7.97	279.0	Pn	23:31:44.079	1.8					T__				m_e	
BFO	7.97	279.0	Sn	23:33:09.820	4.6					T__				m_e	
TNS	8.12	292.5	Pn	23:31:46.088	1.8					T__				m_e	

Event 90813002 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/08/13	11:17:19.20	0.07	0.83	44.4384	9.8688	1.8	1.3	031	7.0f		192	42	048			m i ke	LDG	90813012
2019/08/13	11:17:18.44	0.55	1.05	44.4770	9.7820	8.9	6.7	011	10.0f		42	28	281	2.59	6.21	m i ke	BGR	90813002

(#PRIME)

Magnitude Err Nsta Author OrigID
 ML 4.0 0.3 48 LDG 90813012
 ML 4.2 0.3 22 BGR 90813002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	2.59	353.9	Pn	11:18:01.762	2.4					T__				m_e ML	3.7
PLONS	2.59	353.9	Sn	11:18:34.571	5.7					T__				m_e	

DAVA	2.81	1.4	Pn	11:18:05.139	2.7	T__	m_e ML	4.1
DAVA	2.81	1.4	Sn	11:18:39.475	5.4	T__	m_e	
OBER	2.95	6.7	Pn	11:18:06.830	2.5	T__	m_e	
WILA	3.00	348.6	Pn	11:18:06.459	1.5	T__	m_e ML	4.3
WTTA	3.07	24.2	Pn	11:18:07.288	1.3	T__	m_e ML	4.3
WTTA	3.07	24.2	Sn	11:18:44.997	4.8	T__	m_e	
BALST	3.21	333.8	Pn	11:18:09.490	1.7	T__	m_e ML	4.2
SULZ	3.26	339.8	Pn	11:18:09.799	1.2	T__	m_e ML	5.1
SULZ	3.26	339.8	Sn	11:18:48.564	3.8	T__	m_e	
WALHA	3.31	352.3	Pn	11:18:09.979	0.8	T__	m_e ML	4.3
METMA	3.40	342.4	Pn	11:18:11.213	0.7	T__	m_e ML	3.9
SLE	3.41	345.3	Pn	11:18:11.192	0.7	T__	m_e ML	4.8
EMING	3.48	349.6	Pn	11:18:11.984	0.5	T__	m_e ML	4.2
BERGE	3.57	342.5	Pn	11:18:13.431	0.7	T__	m_e ML	4.0
BERGE	3.57	342.5	Sn	11:18:54.399	2.4	T__	m_e	
KBA	3.60	42.4	Pn	11:18:14.589	1.5	T__	m_e ML	4.2
KBA	3.60	42.4	Sn	11:18:56.372	3.8	T__	m_e	
FUR	3.83	15.1	Pn	11:18:17.803	1.6	T__	m_e ML	4.4
BFO	3.98	346.0	Pn	11:18:18.712	0.4	T__	m_e ML	4.0
BFO	3.98	346.0	Sn	11:19:03.759	2.1	T__	m_e	
ECH	4.15	335.1	Pn	11:18:21.909	1.3	T__	m_e	
ECH	4.15	335.1	Sn	11:19:08.717	3.0	T__	m_e	
STU	4.31	354.8	Pn	11:18:23.660	0.9	T__	m_e ML	4.4
STU	4.31	354.8	Sn	11:19:11.890	2.5	T__	m_e	
MOA	4.58	41.0	Pn	11:18:27.726	1.3	T__	m_e ML	4.2
MOA	4.58	41.0	Sn	11:19:20.890	5.1	T__	m_e	
ARSA	4.86	53.2	Pn	11:18:30.618	0.3	T__	m_e	
WET	5.12	23.3	Pn	11:18:33.833	0.0	T__	m_e ML	4.1
WET	5.12	23.3	Sn	11:19:30.606	2.1	T__	m_e	
GEC2	5.13	30.2	Pn	11:18:33.648	-0.2	T__	m_e ML	4.0
GEC2	5.13	30.2	Sn	11:19:31.216	2.6	T__	m_e	
MILB	5.36	356.6	Pn	11:18:37.387	0.4	T__	m_e ML	4.7
ROTZ	5.54	16.4	Pn	11:18:39.971	0.5	T__	m_e ML	3.9
RIVT	5.62	339.7	Pn	11:18:42.548	2.0	T__	m_e	
TNS	5.82	351.5	Pn	11:18:44.038	0.8	T__	m_e ML	4.1
TNS	5.82	351.5	Sn	11:19:49.782	5.0	T__	m_e	
HROE	6.06	2.3	Pn	11:18:46.414	-0.2	T__	m_e ML	4.4
HROE	6.06	2.3	Sn	11:19:52.235	1.6	T__	m_e	
GUNZ	6.13	15.4	Pn	11:18:48.541	1.0	T__	m_e	
TANN	6.21	16.0	Pn	11:18:49.949	1.5	T__	m_e	

Event 90815007 N of Strasbourg/F, Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/08/15	13:49:24.70	0.08	0.63	48.6546	7.7834	1.8	1.3	155	2.0f		53	10	048			m i si	LDG	90815037
2019/08/15	13:49:24.59	1.32	0.65	48.7020	7.7970				0.0		8	4	329	0.51	1.09	m i ke	BUG	90815027
2019/08/15	13:49:25.55	1.08	0.35	48.6300	7.8160	11.1	4.4	004	5.0f		10	5	264	0.45	1.01	m i ki	BGR	90815017
2019/08/15	13:49:24.73	0.14	0.24	48.6540	7.8110	1.4	1.3	117	6.0	3.0	37	25	063	0.07	1.33	m i ki	LED	90815007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.4	1	LDG	90815037

ML	2.3	0.3	12	LDG	90815037
MD	2.3	0.2	4	BUG	90815027
ML	2.2	0.4	4	BUG	90815027
ML	1.4	0.3	5	BGR	90815017
ML	1.6	0.2	20	LED	90815007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
A123A	0.07	128.7	Pg	13:49:26.630	0.3					T__				m__	
A123A	0.07	128.7	Sg	13:49:28.580	1.1					T__				m__	
HOHE	0.22	271.4	Pg	13:49:28.780	-0.1					T__				m__	ML 1.4
HOHE	0.22	271.4	Sg	13:49:32.090	0.3					T__				m__	
BABA	0.26	75.4	Pg	13:49:29.760	0.0					T__				mc_	ML 1.2
BABA	0.26	75.4	Sg	13:49:33.520	0.4					T__				m__	
OPP	0.29	122.1	Pg	13:49:30.380	0.0					T__				md_	ML 1.8
OPP	0.29	122.1	Sg	13:49:34.530	0.3					T__				m__	
NEEW	0.36	32.5	Pg	13:49:31.800	0.2					T__				mc_	
NEEW	0.36	32.5	Sg	13:49:37.400	1.2					T__				m__	
PEB	0.42	351.5	Pg	13:49:32.510	-0.1									m__	ML 1.3
PEB	0.42	351.5	Sg	13:49:38.100	0.0					T__				m__	
BFO	0.47	133.1	Pg	13:49:33.730	0.0					T__				md_	ML 1.5
BFO	0.47	133.1	PmP	13:49:35.560	-1.9					T__				m__	
BFO	0.47	133.1	Sg	13:49:40.050	0.2					T__				m__	
VOEL	0.55	304.9	PmP	13:49:37.660	-0.9					T__				m__	ML 1.2
VOEL	0.55	304.9	SmS	13:49:46.470	-1.6					T__				m__	
VOGT	0.58	189.3	PmP	13:49:37.370	-1.6					T__				m__	ML 1.5
VOGT	0.58	189.3	SmS	13:49:47.220	-1.5					T__				m__	
ECH	0.62	224.9	Pg	13:49:37.646	1.3					___				m_e	ML 1.5
ECH	0.62	224.9	Sg	13:49:44.397	0.0					___				m_e	
GALG	0.65	78.0	Pg	13:49:37.010	-0.1					T__				mc_	ML 2.0
GALG	0.65	78.0	Sg	13:49:45.530	-0.0					T__				m__	
GALG	0.65	78.0	SmS	13:49:48.750	-1.8					T__				m__	
BRET	0.68	57.8	PmP	13:49:38.510	-2.0					T__				m__	ML 1.6
KIZ	0.70	174.1	Pg	13:49:38.150	0.2					T__				m__	ML 1.8
A101B	0.73	137.2	Pg	13:49:39.550	1.1					___				m__	ML 2.2
A101B	0.73	137.2	Sg	13:49:50.550	2.7					___		0.2		m__	
ROTE	0.76	130.9	PmP	13:49:40.160	-1.6					___				m__	ML 2.0
ROTE	0.76	130.9	SmS	13:49:51.640	-1.7					T__				m__	
A100A	0.76	104.8	Pg	13:49:40.370	1.2					___				m__	ML 2.3
A100A	0.76	104.8	Sg	13:49:50.030	0.9					___		0.2		m__	
WALT	0.77	207.5	Pg	13:49:39.840	0.5					T__				m__	ML 1.8
FELD	0.79	170.5	Pg	13:49:39.870	0.3					T__				m__	ML 1.6
BERGE	0.82	162.5	Pg	13:49:40.230	0.0					T__				m__	ML 1.5
BERGE	0.82	162.5	Sg	13:49:51.100	0.3					___				m_e	
ENDD	0.94	183.0	Pg	13:49:42.830	0.3					T__				m__	ML 1.7
FREU	0.97	114.9	Pn	13:49:43.580	-0.7					T__				m__	ML 1.9
METMA	0.99	162.5	Pn	13:49:43.450	-1.0					T__				m__	ML 1.4
METMA	0.99	162.5	Sg	13:49:56.372	0.2					___				m_e	
SLE	1.00	152.6	Pn	13:49:43.480	-1.1					T__				m__	ML 1.6
EMING	1.03	137.4	Pg	13:49:44.667	0.6					___				m_e	ML 1.8
EMING	1.03	137.4	Sg	13:49:57.947	0.6					___				m_e	
ILLF	1.04	201.0	Sg	13:49:59.080	1.3					T__				m__	ML 1.6
BUCH	1.04	100.7	Pg	13:49:45.010	0.6					___				m__	
BUCH	1.04	100.7	Sg	13:49:59.670	1.8					T__				m__	
GUT	1.04	123.4	Pg	13:49:44.260	-0.2					T__				m__	

GUT	1.04	123.4	PmP	13:49:45.010	-1.4	T__	m__
A102A	1.06	118.6	Pg	13:49:45.250	0.6	___	m__ ML 1.9
A102A	1.06	118.6	Sg	13:49:59.240	0.9	___	0.1 m__
URBA	1.18	80.4	Pg	13:49:47.770	0.7	T__	m__ ML 1.7
DEGG	1.26	91.4	Pg	13:49:48.780	0.3	___	m__
DEGG	1.26	91.4	Sn	13:50:02.980	-1.7	___	m__
DEGG	1.26	91.4	Sg	13:50:05.710	1.0	T__	m__
A104C	1.33	112.6	Sg	13:50:08.050	0.9	___	m__

Event 90815005 Singen/Hohentwiel, Swiss-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/08/15	18:36:04.40	0.04	0.34	47.6582	8.8916	0.7	0.7	016	20.0f		94	13	040			m i ke	LDG	90815035
2019/08/15	18:36:04.56	0.82	0.22	47.6950	8.9080				9.1	5.0	17	9	253	0.44	0.92	m i ke	BUG	90815025
2019/08/15	18:36:04.67	0.25		47.6620	8.8940	2.2	2.2	040	21.1	1.0	23	12	070	0.24	2.18	m i ke	BGR	90815015
2019/08/15	18:36:04.63	0.06	0.12	47.6560	8.9020	0.6	0.4	015	20.0	2.0	56	33	078	0.03	1.27	m i ke	LED	90815005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	14 LDG	90815035
MD	2.5	0.1	6 BUG	90815025
ML	2.4	0.2	6 BUG	90815025
ML	1.8	0.3	11 BGR	90815015
ML	1.9	0.2	34 LED	90815005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STEIN	0.03	301.7	Pg	18:36:08.200	0.1					T__				mc_ ML	1.2
STEIN	0.03	301.7	Sg	18:36:10.900	0.5					T__				m__	
KONZ	0.18	86.9	Pg	18:36:09.500	0.1					T__				mc_ ML	2.6
KONZ	0.18	86.9	Sg	18:36:13.360	0.7					T__				m__	
WILA	0.24	179.1	Pg	18:36:10.380	0.1					T__				mdi ML	2.0
WILA	0.24	179.1	Sg	18:36:14.630	0.4					T__				m__	
EMING	0.24	351.2	Pg	18:36:10.350	0.0					T__				md_ ML	2.1
EMING	0.24	351.2	Sg	18:36:14.570	0.4					T__				m__	
SLE	0.30	292.0	Pg	18:36:11.140	-0.0					T__				m__ ML	2.0
SLE	0.30	292.0	Sg	18:36:15.760	0.1					T__				m__	
ROMAN	0.31	107.2	Pg	18:36:11.250	-0.1					T__				mci ML	1.7
ROMAN	0.31	107.2	Sg	18:36:16.130	0.2					T__				m__	
GUT	0.44	19.0	Pg	18:36:13.480	-0.1					T__				md_ ML	2.2
GUT	0.44	19.0	Sg	18:36:19.880	0.2					T__				m__	
METMA	0.44	277.6	Pg	18:36:13.470	-0.1					T__				mc_ ML	2.0
METMA	0.44	277.6	Sg	18:36:19.800	0.0					T__				m__	
A103D	0.46	71.4	Pg	18:36:13.830	-0.1					T__				mc_ ML	1.9
A103D	0.46	71.4	Sg	18:36:20.510	0.2					T__				m__	
TETT	0.48	89.3	Pg	18:36:14.240	-0.0					T__				mci ML	1.7
TETT	0.48	89.3	Sg	18:36:21.380	0.5					T__				m__	
A101B	0.52	333.1	Pg	18:36:14.970	-0.0					___				m__ ML	2.2
A101B	0.52	333.1	Sg	18:36:21.940	-0.1					___		0.3		m__	
ROTE	0.52	342.8	Pg	18:36:14.930	-0.1					T__				md_ ML	2.2
ROTE	0.52	342.8	Sg	18:36:22.040	-0.1					T__				m__	
A102A	0.52	22.3	Pg	18:36:14.990	-0.1					___				m__ ML	2.3
A102A	0.52	22.3	Sg	18:36:22.420	0.2					___		0.4		m__	

MSS	0.52	4.3	Pg	18:36:15.020	-0.0	T__	md_ ML	1.8
MSS	0.52	4.3	Sg	18:36:22.310	0.1	T__	m__	
MSS	0.52	4.3	SmS	18:36:23.500	-1.3	T__	m__	
BERGE	0.53	294.2	Pg	18:36:15.140	-0.1	T__	m__ ML	1.9
BERGE	0.53	294.2	Sg	18:36:22.650	0.2	T__	m__	
LIENZ	0.54	131.8	Pg	18:36:15.520	0.2	T__	mc_ ML	2.3
LIENZ	0.54	131.8	Sg	18:36:23.530	0.9	T__	m__	
SAUL	0.54	48.6	Sg	18:36:22.900	0.1	T__	m__ ML	2.0
SULZ	0.55	256.9	Pg	18:36:15.460	-0.0	T__	m__ ML	2.1
SULZ	0.55	256.9	Sg	18:36:23.173	0.2	---	m_e	
FREU	0.60	15.1	Pg	18:36:16.330	-0.1	T__	md_ ML	1.7
FELD	0.64	290.4	Pg	18:36:17.060	-0.1	T__	mc_ ML	1.9
FELD	0.64	290.4	Sg	18:36:25.980	0.1	T__	m__	
PLONS	0.69	151.7	Pg	18:36:18.480	0.4	---	m_e ML	1.5
PLONS	0.69	151.7	Sg	18:36:27.402	0.2	---	m_e	
A104C	0.69	46.8	Pg	18:36:17.690	-0.4	---	m__ ML	2.2
A104C	0.69	46.8	Sg	18:36:27.490	0.2	T__	m__	
ZWI	0.70	31.2	Pg	18:36:17.710	-0.6	T__	m__ ML	2.0
ZWI	0.70	31.2	Sg	18:36:27.500	-0.2	T__	m__	
KIZ	0.73	294.8	Pn	18:36:18.050	-1.1	T__	m__ ML	1.9
DAVA	0.76	118.8	Pg	18:36:19.340	0.0	T__	m__ ML	1.7
DAVA	0.76	118.8	Sg	18:36:30.130	0.8	T__	m__	
BFO	0.78	330.6	Pn	18:36:19.190	-0.7	T__	m__ ML	2.3
BFO	0.78	330.6	Sn	18:36:29.670	-0.9	T__	m__	
ENDD	0.79	274.7	Pn	18:36:18.890	-1.1	T__	m__ ML	1.9
ENDD	0.79	274.7	Pg	18:36:19.400	-0.4	T__	m__	
ENDD	0.79	274.7	Sg	18:36:30.130	-0.1	T__	m__	
A100A	0.80	1.1	Pg	18:36:19.330	-0.7	---	m__ ML	2.2
A100A	0.80	1.1	Sn	18:36:30.310	-0.7	T__	m__	
BUCH	0.85	20.6	Pn	18:36:19.720	-1.1	T__	md_ ML	1.7
BUCH	0.85	20.6	Pg	18:36:20.650	-0.3	T__	m__	
A109A	0.87	25.1	Pg	18:36:20.980	-0.4	---	m__ ML	2.1
A109A	0.87	25.1	Sg	18:36:32.830	-0.1	---	m__	
BALST	0.88	249.0	Pn	18:36:20.381	-0.8	---	m_e ML	2.0
BALST	0.88	249.0	Pg	18:36:21.243	-0.2	---	m_e	
BALST	0.88	249.0	Sg	18:36:32.913	-0.1	---	m_e	
VOGT	0.93	297.7	Sg	18:36:34.450	-0.3	T__	m__ ML	2.0
A108A	0.93	41.6	Pg	18:36:21.890	-0.6	---	m__ ML	2.6
A108A	0.93	41.6	Sg	18:36:34.370	-0.4	T__	m__	
A107D	0.94	66.9	Sg	18:36:35.390	0.4	---	m__	
OPP	0.97	330.7	Sg	18:36:35.290	-0.6	T__	m__ ML	1.9
OPP	0.97	330.7	SmS	18:36:35.530	-1.9	T__	m__	
OBER	0.97	104.3	Pg	18:36:23.143	-0.1	---	m_e ML	1.2
OBER	0.97	104.3	Sg	18:36:36.959	0.9	---	m_e	
A124A	1.03	344.8	Pg	18:36:23.580	-0.7	T__	m__ ML	1.8
GALG	1.13	356.0	Sn	18:36:36.850	-2.1	---	m__ ML	1.8
BABA	1.16	336.3	Sg	18:36:40.980	-1.1	T__	m__ ML	1.9
URBA	1.27	20.8	Pn	18:36:25.020	-1.5	T__	mc_ ML	1.5
HDH	1.27	42.7	Sg	18:36:44.140	-1.3	T__	m__ ML	1.8
NORI	1.57	46.5	Sg	18:36:53.111	-1.6	---	m_e ML	1.9
MILB	2.19	6.6	Sg	18:37:13.495	-0.9	---	m_e	

0.1

Event 90817001 E of Oberstdorf, Lechtaler Alps/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/08/17	03:59:18.07	1.05	1.22	47.2570	10.4880				4.2	3.1	16	8	274	0.20	1.80	m i ke	BUG	90817021
2019/08/17	03:59:15.79	0.17	0.39	47.2817	10.6282	1.1	0.7	162	4.9	3.5	30	8	033			m i fe	ZAMG	90817011
2019/08/17	03:59:17.33	0.37	1.12	47.2680	10.5970	12.2	3.3	003	10.0f		15	9	166	0.25	2.41	m i ke	BGR	90817001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.4	0.6	6 BUG	90817021
ML	2.3	0.2	6 BUG	90817021
ML	1.7	0.2	10 ZAMG	90817011
ML	1.5	0.6	7 BGR	90817001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBER	0.25	304.1	Pg	03:59:21.015	-1.3					T__	0.3			m_e	ML 0.6
OBER	0.25	304.1	Sg	03:59:25.276	-0.4					T__	5.6			m_e	
A105A	0.25	304.1	Pg	03:59:21.040	-1.3									m__	
A105A	0.25	304.1	Sg	03:59:25.800	0.1							0.1		m__	
DAVA	0.49	272.5	Pg	03:59:26.124	-0.5					T__	2.6			m_e	ML 1.1
DAVA	0.49	272.5	Sg	03:59:34.080	1.0					T__	2.8			m_e	
WTTA	0.71	90.0	Pg	03:59:29.106	-1.6					T__	2.9			m_e	ML 1.2
WTTA	0.71	90.0	Sg	03:59:39.125	-0.8					T__	6.3			m_e	
PLONS	0.86	255.6	Pg	03:59:33.600	0.1					T__	1.5			m_e	
FUR	1.00	26.8	Pg	03:59:37.130	0.8									m__	ML 2.0
FUR	1.00	26.8	Sg	03:59:52.590	3.2							0.1		m__	
A104C	1.07	324.0	Pg	03:59:37.490	-0.0									m__	ML 2.0
A104C	1.07	324.0	Sg	03:59:53.010	1.7							0.1		m__	
WILA	1.15	277.9	Pg	03:59:40.102	1.0					T__	2.1			m_e	ML 1.9
WILA	1.15	277.9	Sg	03:59:55.330	1.2					T__	6.4			m_e	
A108A	1.20	334.8	Pg	03:59:39.330	-0.6									m__	ML 2.9
A108A	1.20	334.8	Sg	03:59:56.260	0.8							0.2		m__	
A102A	1.28	313.4	Pg	03:59:41.260	-0.3									m__	ML 2.0
A102A	1.28	313.4	Sg	03:59:59.150	1.0							0.1		m__	
SLE	1.51	290.1	Pg	03:59:45.271	-0.5					T__	1.5			m_e	ML 2.5
SLE	1.51	290.1	Sg	04:00:05.734	0.5					T__	10.4			m_e	
RJOB	1.56	71.7	Pg	03:59:46.712	-0.0					T__	2.6			m_e	ML 1.6
RJOB	1.56	71.7	Sg	04:00:09.897	3.0					T__	4.8			m_e	
A101B	1.62	302.4	Pn	03:59:47.630	2.5									m__	ML 2.0
A101B	1.62	302.4	Sn	04:00:05.520	0.5							0.0		m__	
A100A	1.63	317.2	Pn	03:59:47.160	1.8									m__	ML 2.2
A100A	1.63	317.2	Sg	04:00:09.000	-0.2							0.1		m__	
BFO	1.86	305.7	Pg	03:59:51.600	-0.8									m__	ML 1.8
BFO	1.86	305.7	Sn	04:00:11.020	0.4							0.0		m__	
BFO	1.86	305.7	Sg	04:00:15.638	-0.7					T__	2.3			m_e	
WET	2.41	38.2	Pn	03:59:55.632	-0.3					T__	2.1			m_e	

Event 90817003 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/08/17	16:52:21.60	0.18	1.12	43.7860	11.8618	3.9	3.2	046	6.0f		148	40	122			m i ke	LDG	90817013
2019/08/17	16:52:19.60			43.9200	11.8100				6.0f							m i ke	INGV	90817003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.6	0.4	43 LDG	90817013
ML	3.7		INGV	90817003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
OBKA	3.23	35.7	Pn	16:53:10.650	0.9					___	32.0			m_e	ML	4.1
OBKA	3.23	35.7	Sn	16:53:50.482	4.6					___	1.5			m_e		
KBA	3.34	18.3	Pn	16:53:12.785	1.6					___	31.2			m_e	ML	3.7
KBA	3.34	18.3	Sn	16:53:52.911	4.5					___	2.8			m_e		
WTTA	3.35	358.0	Pn	16:53:14.339	3.0					___	14.4			m_e	ML	4.1
WTTA	3.35	358.0	Sn	16:53:55.654	7.0					___	2.9			m_e		
PLONS	3.56	332.3	Pn	16:53:18.197	3.9					___	13.1			m_e	ML	4.0
PLONS	3.56	332.3	Sn	16:54:01.684	8.0					___	9.6			m_e		
DAVA	3.63	338.8	Pn	16:53:18.817	3.7					___	43.8			m_e		
OBER	3.64	343.6	Pn	16:53:18.727	3.4					___	28.6			m_e	ML	3.8
OBER	3.64	343.6	Sn	16:54:03.173	7.5					___	8.0			m_e		
RJOB	3.88	9.8	Pn	16:53:20.601	2.1					___	44.2			m_e	ML	3.8
RJOB	3.88	9.8	Sn	16:54:07.248	6.1					___	2.9			m_e		
WILA	4.04	330.9	Pn	16:53:23.710	3.0					___	7.5			m_e		
ARSA	4.22	36.7	Pn	16:53:24.064	0.8					___	28.2			m_e		
MOA	4.28	22.6	Pn	16:53:25.841	1.8					___	29.4			m_e		
SULZ	4.44	325.7	Pn	16:53:29.488	3.4					___	9.4			m_e		
SLE	4.49	330.2	Pn	16:53:29.000	2.2					___	12.2			m_e	ML	4.8
SLE	4.49	330.2	Sn	16:54:19.394	4.0					___	6.2			m_e		
NORI	4.87	350.8	Sn	16:54:28.327	3.9					___	4.2			m_e	ML	3.9
BFO	5.03	332.6	Pn	16:53:36.548	2.4					___	30.5			m_e	ML	4.1
BFO	5.03	332.6	Sn	16:54:31.547	3.4					___	6.9			m_e		
GEC2	5.09	14.2	Pn	16:53:35.647	0.6					___	8.7			m_e	ML	3.7
GEC2	5.09	14.2	Sn	16:54:33.904	4.2					___	2.7			m_e		
WET	5.28	7.6	Pn	16:53:38.687	1.2					___	13.5			m_e	ML	3.7
WET	5.28	7.6	Sn	16:54:37.495	3.5					___	5.9			m_e		
GRA1	5.79	356.2	Pn	16:53:44.854	0.4					___	4.6			m_e		
ROTZ	5.85	2.5	Pn	16:53:45.396	0.1					___	6.2			m_e	ML	3.8
ROTZ	5.85	2.5	Sn	16:54:49.848	2.3					___	3.7			m_e		
MOX	6.73	358.9	Pn	16:53:57.693	0.5					___	6.7			m_e	ML	3.9
MOX	6.73	358.9	Sn	16:55:11.796	3.7					___	2.8			m_e		

Event 90817005 Central Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/08/17	22:01:38.40	0.13	0.99	43.8568	11.8423	3.0	2.3	039	7.0f		110	33	051			m i ke	LDG	90817015
2019/08/17	22:01:36.60			43.9200	11.8200				7.0f							m i ke	INGV	90817005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.5	0.4	40 LDG	90817015
ML	3.6		INGV	90817005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
OBKA	3.22	35.6	Pn	22:02:27.746	1.2					___	11.7			m_e	ML	3.8

OBKA	3.22	35.6	Sn	22:03:07.309	4.7	—	2.1	m_e	
KBA	3.33	18.2	Pn	22:02:29.705	1.7	—	12.7	m_e ML	3.5
KBA	3.33	18.2	Sn	22:03:10.744	5.6	—	1.7	m_e	
WTTA	3.35	357.9	Pn	22:02:31.453	3.2	—	8.2	m_e	
PLONS	3.57	332.2	Pn	22:02:35.502	4.3	—	18.6	m_e ML	3.8
PLONS	3.57	332.2	Sn	22:03:18.781	8.2	—	5.6	m_e	
DAVA	3.63	338.7	Pn	22:02:35.930	3.9	—	12.5	m_e ML	4.0
DAVA	3.63	338.7	Sn	22:03:20.112	8.0	—	4.9	m_e	
OBER	3.65	343.5	Pn	22:02:35.790	3.5	—	11.1	m_e	
OBER	3.65	343.5	Sn	22:03:20.264	7.8	—	6.5	m_e	
RJOB	3.88	9.8	Pn	22:02:37.711	2.3	—	18.0	m_e ML	3.6
RJOB	3.88	9.8	Sn	22:03:24.011	6.1	—	2.7	m_e	
WILA	4.04	330.8	Pn	22:02:41.051	3.4	—	4.8	m_e ML	4.1
WILA	4.04	330.8	Sn	22:03:28.225	6.4	—	6.1	m_e	
ARSA	4.22	36.6	Pn	22:02:41.279	1.2	—	9.3	m_e	
FUR	4.26	355.1	Pn	22:02:43.104	2.5	—	2.9	m_e	
MOA	4.28	22.6	Pn	22:02:42.901	2.0	—	19.0	m_e ML	3.6
MOA	4.28	22.6	Sn	22:03:32.446	5.0	—	3.9	m_e	
SLE	4.49	330.1	Sn	22:03:36.735	4.4	—	5.0	m_e ML	4.6
BFO	5.03	332.5	Pn	22:02:53.564	2.5	—	19.3	m_e ML	3.9
BFO	5.03	332.5	Sn	22:03:48.606	3.6	—	7.8	m_e	
GEC2	5.09	14.1	Pn	22:02:53.299	1.4	—	7.0	m_e ML	3.6
GEC2	5.09	14.1	Sn	22:03:50.476	4.0	—	2.8	m_e	
WET	5.27	7.6	Pn	22:02:55.686	1.3	—	10.8	m_e ML	3.5
WET	5.27	7.6	Sn	22:03:54.923	4.1	—	4.8	m_e	
ROTZ	5.85	2.5	Pn	22:03:02.756	0.6	—	5.1	m_e ML	3.5
ROTZ	5.85	2.5	Sn	22:04:06.866	2.5	—	3.3	m_e	
TANN	6.51	3.6	Pn	22:03:12.582	1.5	—	5.1	m_e	
MOX	6.73	358.9	Pn	22:03:14.824	0.8	—	7.6	m_e ML	3.7
MOX	6.73	358.9	Sn	22:04:28.722	3.8	—	4.2	m_e	

Event 90820001 Konstanz/Lake of Constance

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/08/20	01:57:21.90	0.06	0.41	47.7442	9.1071	1.0	0.8	091	2.0	0.0	89	12	079			m i ke	LDG	90820041
2019/08/20	01:57:21.31	0.25	1.11	47.7486	9.1217	2.1	1.5	030	2.0	0.0	38	7	150			m i uk	ZAMG	90820031
2019/08/20	01:57:22.61	0.46	0.88	47.7870	9.0970				4.6	2.1	19	11	198	0.30	1.51	m i ke	BUG	90820021
2019/08/20	01:57:22.06	0.24	0.39	47.7520	9.1000	2.2	1.1	161	10.0f		24	14	096	0.22	2.39	m i ke	BGR	90820011
2019/08/20	01:57:21.79	0.06	0.16	47.7430	9.0980	0.7	0.6	346	3.0f		55	31	052	0.17	1.30	m i ke	LED	90820001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.2	13 LDG	90820041
ML	1.9	0.3	7 ZAMG	90820031
MD	2.6	0.3	9 BUG	90820021
ML	2.2	0.3	9 BUG	90820021
ML	1.8	0.3	12 BGR	90820011
ML	1.7	0.2	32 LED	90820001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STEIN	0.17	244.7	Pg	01:57:25.330	0.3					T__				mc_ ML	1.6
STEIN	0.17	244.7	Sg	01:57:28.300	1.0					T__				m__	
EMING	0.23	312.1	Pg	01:57:26.300	0.2					T__				mci ML	1.6

EMING	0.23	312.1	Sg	01:57:29.869	0.8	___	16.9	m_e	
ROMAN	0.24	138.0	Pg	01:57:26.380	0.0	T__		m__ ML	1.4
ROMAN	0.24	138.0	Sg	01:57:30.050	0.6	T__		m__	
A103D	0.31	79.1	Pg	01:57:27.710	0.1	T__		mci ML	1.5
A103D	0.31	79.1	Sg	01:57:32.370	0.7	T__		m__	
GUT	0.33	2.0	Pg	01:57:28.030	0.0	T__		mc_ ML	2.0
GUT	0.33	2.0	Sg	01:57:32.930	0.7	T__		m__	
WILA	0.35	201.4	Pg	01:57:28.680	0.2	T__		m__ ML	1.6
WILA	0.35	201.4	Sg	01:57:34.210	1.2	___		m__	
TETT	0.36	103.3	Sg	01:57:34.120	1.0	T__		m__ ML	1.4
A102A	0.40	9.7	Pg	01:57:29.520	0.1	___		m__ ML	1.5
A102A	0.40	9.7	Sg	01:57:35.430	0.8	___	0.2	m__	
SLE	0.41	273.5	Pg	01:57:29.610	0.1	T__		m__ ML	1.6
SLE	0.41	273.5	Sg	01:57:35.300	0.5	T__		m__	
MSS	0.44	348.2	Pg	01:57:30.350	0.2	T__		m__ ML	1.4
MSS	0.44	348.2	Sg	01:57:36.830	0.9	T__		m__	
ROTE	0.50	325.3	Pg	01:57:31.300	0.1	T__		md_ ML	1.4
ROTE	0.50	325.3	Sg	01:57:38.310	0.6	T__		m__	
LIENZ	0.52	149.0	Pg	01:57:32.000	0.4	T__		m__ ML	1.2
A101B	0.52	315.8	Pg	01:57:32.220	0.5	___		m__ ML	1.7
A101B	0.52	315.8	Sg	01:57:39.160	0.7	___	0.1	m__	
A104C	0.54	44.1	Pg	01:57:31.890	-0.0	T__		mc_ ML	1.7
A104C	0.54	44.1	Sg	01:57:39.300	0.5	T__		m__	
A104C	0.54	44.1	SmS	01:57:44.520	-0.8	T__		m__	
ZWI	0.56	24.4	Pg	01:57:32.340	-0.1	T__		m__ ML	1.5
ZWI	0.56	24.4	Sg	01:57:40.080	0.4	T__		m__	
METMA	0.57	267.2	Pg	01:57:32.500	-0.0	T__		mc_ ML	1.7
METMA	0.57	267.2	Sg	01:57:40.280	0.4	T__		m__	
BERGE	0.63	282.1	Pg	01:57:33.810	0.1	T__		mc_ ML	1.9
BERGE	0.63	282.1	PmP	01:57:35.750	-1.4	T__		m__	
BERGE	0.63	282.1	Sg	01:57:42.520	0.7	T__		m__	
SULZ	0.70	252.5	Pg	01:57:35.210	0.3	T__		m__ ML	1.7
SULZ	0.70	252.5	PmP	01:57:36.840	-1.3	T__		m__	
SULZ	0.70	252.5	Sg	01:57:45.000	1.0	___	2.5	m_e	
A100A	0.72	350.9	Pg	01:57:35.700	0.3	___		m__ ML	2.0
A100A	0.72	350.9	Sg	01:57:45.160	0.5	___		m__	
A100A	0.72	350.9	SmS	01:57:48.390	-1.5	T__		m__	
BUCH	0.73	13.5	Pg	01:57:35.590	0.1	T__		m__ ML	1.8
BUCH	0.73	13.5	PmP	01:57:36.920	-1.6	T__		m__	
BUCH	0.73	13.5	Sg	01:57:45.660	0.8	T__		m__	
BUCH	0.73	13.5	SmS	01:57:49.000	-1.0	T__		m__	
FELD	0.75	280.7	Pg	01:57:35.910	0.0	T__		mc_ ML	2.3
FELD	0.75	280.7	Sg	01:57:46.750	1.2	T__		m__	
FELD	0.75	280.7	SmS	01:57:49.150	-1.4	T__		m__	
A108A	0.78	38.8	Pg	01:57:37.000	0.5	___		m__	
TUBL	0.78	359.3	SmS	01:57:49.610	-1.8	T__		m__ ML	1.9
BFO	0.78	319.1	Pg	01:57:37.144	0.6	___	13.1	m_e ML	2.2
BFO	0.78	319.1	Sg	01:57:46.906	0.3	___	2.3	m_e	
BFO	0.78	319.1	SmS	01:57:49.880	-1.6	___		m__	
A107D	0.78	69.1	Pg	01:57:36.730	0.1	___		m__ ML	2.3
A107D	0.78	69.1	SmS	01:57:50.340	-1.2	___	0.2	m__	
KIZ	0.82	285.5	Sg	01:57:48.810	1.0	T__		m__ ML	2.2
KIZ	0.82	285.5	SmS	01:57:50.720	-1.8	T__		m__	
A105A	0.87	112.2	Pg	01:57:39.940	1.7	___		m__ ML	1.8

A105A	0.87	112.2	SmS	01:57:53.650	-0.3	___	0.1	m__											
FBB	0.87	287.7	SmS	01:57:52.720	-1.3	T__		m__ ML	2.0										
ENDD	0.92	268.8	Sg	01:57:51.400	0.5	T__		m__ ML	2.4										
DEGG	0.96	25.1	Pg	01:57:39.710	-0.1	T__		md_ ML	1.9										
DEGG	0.96	25.1	PmP	01:57:40.910	-1.3	T__		m__											
A124A	0.99	336.2	PmP	01:57:41.200	-1.6	T__		m__ ML	1.7										
VOGT	1.02	290.0	SmS	01:57:56.610	-1.3	T__		m__ ML	2.3										
STU	1.03	3.5	Sg	01:57:55.245	0.7	___	2.5	m_e ML	1.9										
BALST	1.03	247.3	Pg	01:57:41.576	0.4	___	5.9	m_e ML	1.9										
BALST	1.03	247.3	Sg	01:57:56.116	1.6	___	7.5	m_e											
GALG	1.06	348.7	Pg	01:57:41.600	-0.3	T__		m__ ML	1.8										
GALG	1.06	348.7	Sg	01:57:55.690	0.1	T__		m__											
A106B	1.09	22.1	Pg	01:57:42.760	0.4	___		m__ ML	2.2										
A106B	1.09	22.1	Sg	01:57:58.010	1.5	___	0.1	m__											
HDH	1.12	40.9	SmS	01:57:59.000	-1.9	T__		m__ ML	2.1										
URBA	1.14	16.3	PmP	01:57:44.320	-1.1	T__		m__ ML	1.8										
URBA	1.14	16.3	Sg	01:57:58.290	0.2	T__		m__											
BABA	1.15	328.6	Pg	01:57:43.670	0.3	T__		md_ ML	1.5										
BABA	1.15	328.6	Sg	01:57:58.830	0.6	T__		m__											
BRET	1.30	348.1	Pg	01:57:46.540	0.3	T__		m__ ML	1.9										
ECH	1.38	290.8	Sg	01:58:06.000	0.3	___	5.6	m_e											
NORI	1.41	45.6	Pg	01:57:48.140	-0.2	___	1.8	m_e ML	2.1										
NORI	1.41	45.6	Sg	01:58:07.129	0.5	___	10.0	m_e											
FUR	1.52	73.1	Pg	01:57:50.583	0.2	___	2.9	m_e ML	2.2										
FUR	1.52	73.1	Sg	01:58:10.814	0.8	___	6.9	m_e											
WTTA	1.78	104.7	Sg	01:58:18.952	0.6	___	3.4	m_e ML	1.5										
GRA1	2.40	34.9	Sg	01:58:37.408	-0.6	___	2.9	m_e											

Event 90823005 Switzerland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/08/23	08:38:32.18	1.12	2.16	46.1570	6.9380				0.0		10	6	323	2.37	2.85	m i ke	BUG	90823025
2019/08/23	08:38:34.20	0.08	0.90	46.1747	7.5667	1.5	1.3	096	5.0f		181	35	028			m i ke	LDG	90823015
2019/08/23	08:38:34.85	0.61		46.2060	7.5720	4.4	3.3	032	4.6	2.8	47	21	283	1.13	4.62	m i ke	BGR	90823005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	4.1	0.5	6 BUG	90823025
ML	3.3	0.3	6 BUG	90823025
MD	2.4	0.0	2 LDG	90823015
ML	3.2	0.3	42 LDG	90823015
ML	3.0	0.4	16 BGR	90823005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	1.13	4.2	Pn	08:38:56.008	-0.7					T__				m_e ML	3.2
BALST	1.13	4.2	Pg	08:38:57.014	0.8					T__				m_e	
BALST	1.13	4.2	Sg	08:39:12.578	1.7					T__				m_e	
SULZ	1.37	15.4	Pn	08:38:59.933	-0.1					T__				m_e ML	3.7
SULZ	1.37	15.4	Pg	08:39:01.141	0.4					T__				m_e	
SULZ	1.37	15.4	Sg	08:39:18.458	-0.0					T__				m_e	
PLONS	1.50	55.2	Pg	08:39:02.441	-0.7					T__				m_e ML	2.3
PLONS	1.50	55.2	Sg	08:39:21.593	-1.0					T__				m_e	

WILA	1.52	36.6	Pg	08:39:03.276	-0.1	T__										m_e	ML	3.3	
WILA	1.52	36.6	Sg	08:39:23.704	0.7	T__											m_e		
METMA	1.58	16.9	Pn	08:39:02.318	-0.4	T__											m_e	ML	2.6
METMA	1.58	16.9	Pg	08:39:04.751	0.2	T__											m_e		
METMA	1.58	16.9	Sn	08:39:22.248	-0.3	T__											m_e		
METMA	1.58	16.9	Sg	08:39:25.547	0.6	T__											m_e		
SLE	1.68	21.6	Pn	08:39:03.743	-0.4	T__											m_e	ML	3.8
SLE	1.68	21.6	Pg	08:39:06.533	-0.0	T__											m_e		
SLE	1.68	21.6	Sg	08:39:28.940	0.6	T__											m_e		
BERGE	1.72	13.7	Pn	08:39:04.111	-0.5	T__											m_e	ML	2.8
BERGE	1.72	13.7	Pg	08:39:07.209	0.0	T__											m_e		
BERGE	1.72	13.7	Sg	08:39:29.461	0.1	T__											m_e		
WALHA	1.87	33.8	Pg	08:39:10.025	-0.1	T__											m_e	ML	3.1
WALHA	1.87	33.8	Sg	08:39:35.198	0.8	T__											m_e		
EMING	1.90	26.7	Pg	08:39:10.428	-0.2	T__											m_e	ML	3.0
EMING	1.90	26.7	Sg	08:39:35.410	0.2	T__											m_e		
DAVA	1.92	54.8	Pg	08:39:11.226	0.3	T__											m_e	ML	2.9
ECH	2.03	352.2	Pn	08:39:09.059	0.2	T__											m_e	ML	2.5
ECH	2.03	352.2	Sg	08:39:38.207	-1.1	T__											m_e		
A103D	2.09	39.5	Pg	08:39:14.300	0.1	___											m__	ML	3.3
A103D	2.09	39.5	Sg	08:39:42.000	0.8	___				0.3							m__		
BFO	2.19	13.3	Pn	08:39:10.308	-0.7	T__											m_e	ML	2.6
BFO	2.19	13.3	Pg	08:39:15.708	-0.3	T__											m_e		
BFO	2.19	13.3	Sn	08:39:36.359	-0.5	T__											m_e		
BFO	2.19	13.3	Sg	08:39:43.157	-1.1	T__											m_e		
A105A	2.22	56.2	Pg	08:39:16.900	0.3	___											m__	ML	3.0
A102A	2.23	29.2	Pn	08:39:11.180	-0.4	___											m__	ML	3.1
A102A	2.23	29.2	Sg	08:39:45.000	-0.6	___				0.2							m__		
A100A	2.43	21.7	Pn	08:39:14.410	0.1	___											m__	ML	3.2
A100A	2.43	21.7	Sg	08:39:52.300	0.3	___				0.2							m__		
A109A	2.58	29.1	Pg	08:39:22.900	-0.5	___											m__	ML	3.2
ZUGS	2.63	61.3	Pg	08:39:23.706	-0.7	T__											m_e		
ZUGS	2.63	61.3	Sg	08:40:00.057	1.8	T__											m_e		
BE1	3.01	54.2	Sg	08:40:10.501	-0.1	T__											m_e	ML	2.9
NORI	3.25	38.3	Sg	08:40:17.993	-0.2	T__											m_e	ML	3.3
RIVT	3.54	351.5	Pn	08:39:30.953	1.5	T__											m_e		
RIVT	3.54	351.5	Sn	08:40:08.174	-0.6	T__											m_e		
RIVT	3.54	351.5	Sg	08:40:26.307	-1.1	T__											m_e		
WLF	3.59	345.2	Sg	08:40:28.306	-0.5	T__											m_e	ML	3.2
ABH	3.68	359.8	Pn	08:39:31.746	0.5	T__											m_e		
ABH	3.68	359.8	Pg	08:39:44.642	0.5	T__											m_e		
ABH	3.68	359.8	Sg	08:40:31.370	-0.3	T__											m_e		
TNS	4.06	7.9	Pn	08:39:37.248	0.8	T__											m_e	ML	3.0
TNS	4.06	7.9	Sg	08:40:44.060	0.3	T__											m_e		
GRA1	4.26	33.7	Sg	08:40:49.567	-0.5	T__											m_e		
WET	4.62	48.6	Pg	08:40:01.036	-1.0	T__											m_e		
WET	4.62	48.6	Sg	08:41:01.826	0.1	T__											m_e		

Event 90829001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/08/29	00:50:14.78	0.36	0.88	51.3750	15.9041	3.1	2.4	037	0.0	0.0	62	18	023			m i sr	ZAMG	90829021
2019/08/29	00:50:13.13	1.16	0.56	51.5140	16.1365				2.0f		31	24	265	0.93	6.27	m i ki	BNS	90829011

Magnitude	Err	Nsta	Author	OrigID
ML	3.6	0.2	18 ZAMG	90829021
ML	3.9		BNS	90829011
ML	4.0	0.4	24 BGR	90829001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.67	172.7	Pg	00:50:25.821	-0.0					T__	197.5			m_e	ML 3.2
KSP	0.67	172.7	Sg	00:50:35.584	1.0					T__	2.4			m_e	
CHVC	0.93	184.0	Pg	00:50:30.671	0.1					---				m_e	
CHVC	0.93	184.0	Sg	00:50:43.372	0.8					---				m_e	
OSTC	0.96	177.8	Pg	00:50:31.199	0.0					---				m_e	
OSTC	0.96	177.8	Sg	00:50:44.786	1.3					---				m_e	
UPC	1.01	185.2	Pg	00:50:31.525	-0.6					---				m_e	
DPC	1.17	174.8	Pg	00:50:34.546	-0.6					T__	406.8			m_e	ML 4.2
DPC	1.17	174.8	Sg	00:50:50.897	0.7					T__	3.2			m_e	
PVCC	1.40	226.1	Pn	00:50:38.560	-0.5					T__	19.8			m_e	ML 4.1
PVCC	1.40	226.1	Pg	00:50:39.413	-0.2					T__	369.7			m_e	
PVCC	1.40	226.1	Sg	00:50:59.083	1.4					T__	2.5			m_e	
BRG	1.53	246.1	Pn	00:50:40.962	0.2					T__	8.1			m_e	ML 3.8
BRG	1.53	246.1	Pg	00:50:42.591	0.7					T__	198.9			m_e	
BRG	1.53	246.1	Sg	00:51:02.998	1.3					T__	9.5			m_e	
RUE	1.75	304.3	Pn	00:50:42.632	-1.2					T__	7.7			m_e	ML 3.9
RUE	1.75	304.3	Sg	00:51:09.339	0.5					T__	3.0			m_e	
PRU	1.83	214.5	Pn	00:50:44.273	-0.7					T__	17.9			m_e	ML 3.4
PRU	1.83	214.5	Sn	00:51:09.022	1.4					---				m_e	
PRU	1.83	214.5	Sg	00:51:11.011	-0.4					T__	3.0			m_e	
FBE	1.85	252.5	Pn	00:50:45.216	0.0					---				m_e	
FBE	1.85	252.5	Sn	00:51:10.110	2.1					---				m_e	
MORC	1.94	152.6	Pn	00:50:46.203	-0.3					T__	157.8			m_e	
CLL	1.98	265.3	Pn	00:50:45.642	-1.3					T__	43.3			m_e	ML 3.7
CLL	1.98	265.3	Sg	00:51:15.682	-0.3					T__	2.4			m_e	
OKC	2.10	142.2	Pn	00:50:47.675	-0.8					T__	8.5			m_e	ML 3.5
OKC	2.10	142.2	Sg	00:51:19.245	-0.5					T__	6.7			m_e	
VRAC	2.22	172.6	Pn	00:50:50.233	0.0					T__	13.4			m_e	ML 3.5
VRAC	2.22	172.6	Sg	00:51:23.097	-0.6					T__	4.3			m_e	
TREC	2.26	191.2	Pn	00:50:50.929	0.2					T__	22.6			m_e	ML 3.8
TREC	2.26	191.2	Sg	00:51:24.301	-0.6					T__	5.5			m_e	
KRUC	2.45	176.4	Pn	00:50:53.710	0.3					T__	23.3			m_e	ML 3.8
KRUC	2.45	176.4	Sg	00:51:30.753	-0.4					T__	4.0			m_e	
SCHF	2.50	252.0	Pn	00:50:53.506	-0.5					---				m_e	
TANN	2.57	246.2	Pn	00:50:54.709	-0.3					T__	32.5			m_e	ML 4.1
TANN	2.57	246.2	Sg	00:51:34.605	-0.3					T__	8.3			m_e	
OJC	2.64	117.9	Pn	00:50:54.507	-1.3					T__	7.7			m_e	
OJC	2.64	117.9	Pg	00:51:02.296	-0.5					T__	15.8			m_e	
WERD	2.65	247.8	Pn	00:50:55.612	-0.4					---				m_e	
PLN	2.72	249.4	Pn	00:50:56.729	-0.2					T__	16.0			m_e	ML 3.6
PLN	2.72	249.4	Sg	00:51:39.224	-0.3					T__	5.1			m_e	
NEUB	2.75	265.4	Sg	00:51:41.058	0.5					T__	5.2			m_e	ML 4.5
WIMM	2.89	272.0	Pn	00:50:58.519	-0.8					---				m_e	
WIMM	2.89	272.0	Sn	00:51:32.562	0.0					---				m_e	
KHC	2.89	215.7	Pn	00:50:58.985	-0.4					T__	50.6			m_e	ML 3.7

KHC	2.89	215.7	Sg	00:51:44.169	-0.9	T__	1.9	m_e											
CKRC	2.94	204.4	Pn	00:51:00.626	0.7	T__	43.5	m_e											
MANZ	2.98	240.8	Pn	00:51:00.682	0.2	T__	33.5	m_e ML	4.1										
MANZ	2.98	240.8	Sg	00:51:49.128	1.3	T__	4.6	m_e											
MOX	2.98	254.9	Pn	00:51:00.009	-0.5	T__	9.8	m_e ML	4.2										
MOX	2.98	254.9	Sg	00:51:48.695	0.8	T__	8.0	m_e											
FALKS	3.04	275.1	Pn	00:50:59.900	-1.4	---		m_e											
ROTZ	3.05	236.7	Pn	00:51:00.991	-0.5	T__	35.5	m_e ML	3.9										
ROTZ	3.05	236.7	Sg	00:51:49.658	-0.5	T__	4.8	m_e											
GEC2	3.10	211.5	Pn	00:51:02.213	0.2	T__	37.6	m_e ML	4.1										
GEC2	3.10	211.5	Sg	00:51:49.950	-1.5	T__	2.6	m_e											
WET	3.16	222.7	Pn	00:51:03.093	0.2	T__	42.1	m_e											
NIE	3.37	126.7	Sg	00:52:02.439	2.2	T__	4.2	m_e											
ASSE	3.44	282.5	Pn	00:51:07.082	0.3	T__	5.6	m_e ML	3.9										
ASSE	3.44	282.5	Sg	00:52:02.432	-0.1	T__	3.7	m_e											
GRA4	3.58	238.9	Pn	00:51:07.614	-1.0	---		m_e											
GRA1	3.62	241.8	Pn	00:51:09.652	0.5	T__	21.0	m_e ML	4.6										
GRA1	3.62	241.8	Sg	00:52:08.443	0.3	T__	4.5	m_e											
NRDL	3.85	287.1	Pn	00:51:12.921	0.6	T__	11.8	m_e											
GTTG	3.85	272.9	Sg	00:52:15.069	-0.4	T__	3.7	m_e ML	4.4										
UBBA	3.92	262.2	Pn	00:51:13.101	-0.2	T__	3.0	m_e ML	4.2										
UBBA	3.92	262.2	Sg	00:52:18.204	0.5	T__	3.3	m_e											
RJOB	4.36	211.3	Pn	00:51:20.511	1.3	T__	17.2	m_e											
FUR	4.59	225.1	Pn	00:51:23.294	0.9	T__	7.3	m_e ML	4.7										
FUR	4.59	225.1	Sg	00:52:39.536	0.4	T__	3.2	m_e											
KAST	4.84	269.4	Pn	00:51:25.527	-0.2	T__	7.7	m_e											
TNS	5.03	258.2	Pn	00:51:28.603	0.3	T__	20.9	m_e											
TNS	5.03	258.2	Sg	00:52:53.937	1.0	T__	3.8	m_e											
IBBN	5.24	282.0	Pn	00:51:31.925	0.8	T__	9.1	m_e											
KOE	5.41	261.7	Pn	00:51:33.614	0.1	---		m_e											
HOBG	5.54	268.0	Pn	00:51:35.587	0.3	---		m_e											
BNS	5.65	267.9	Pn	00:51:36.714	0.1	---		m_e											
HLG	5.66	301.4	Pn	00:51:36.529	-0.3	T__	3.4	m_e											
BGG	5.71	260.2	Pn	00:51:37.626	0.1	---		m_e											
LAUG	5.74	272.0	Pn	00:51:38.023	0.1	---		m_e											
STB	5.92	264.7	Pn	00:51:40.819	0.4	---		m_e											
BFO	5.96	240.8	Pn	00:51:39.898	-0.9	T__	5.3	m_e											
KLL	6.24	265.9	Pn	00:51:44.212	-0.5	---		m_e											
KLL	6.24	265.9	Sn	00:52:55.212	4.0	---		m_e	26.8	0.79									
DREG	6.29	266.1	Pn	00:51:45.078	-0.2	---		m_e											
DREG	6.29	266.1	Sn	00:52:56.646	4.4	---		m_e	38.4	1.37									

Event 90829009 Braunsbedra, SW of Merseburg, NW of Weissenfels

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/08/29	09:20:48.20	0.88	1.41	51.2011	11.8950	6.0	1.9	149	0.0	0.0	12	1	019			m i sr	ZAMG	90829019
2019/08/29	09:20:47.30	0.16	0.50	51.2800	11.6680	1.1	1.1	044	0.0f		50	26	062	0.10	1.49	m i km	BGR	90829009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.2	4 ZAMG	90829019
ML	2.1	0.3	25 BGR	90829009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
NEUB	0.10	136.9	Pg	09:20:48.361	-0.8					T__				m_e	ML 2.7
NEUB	0.10	136.9	Sg	09:20:50.820	0.4					T__				m_e	
WIMM	0.26	337.2	Pg	09:20:51.956	-0.3					T__				m_e	ML 1.4
WIMM	0.26	337.2	Sg	09:20:56.244	0.6					T__				m_e	
TAUT	0.30	174.8	Pg	09:20:52.557	-0.4					T__				m_e	ML 2.2
TAUT	0.30	174.8	Sg	09:20:57.163	0.3					T__				m_e	
ZEITZ	0.37	128.4	Sg	09:20:59.217	0.2					T__				m_e	ML 1.9
POSS	0.50	276.3	Pg	09:20:56.250	-0.5					T__				m_e	ML 1.8
POSS	0.50	276.3	Sg	09:21:03.478	0.2					T__				m_e	
MUHB	0.56	47.7	Pg	09:20:57.139	-0.8					T__				m_e	
MUHB	0.56	47.7	Sg	09:21:04.988	-0.3					T__				m_e	
HKWD	0.59	139.8	Pg	09:20:58.062	-0.3					T__				m_e	ML 2.1
HKWD	0.59	139.8	Sg	09:21:06.337	0.4					T__				m_e	
CHRS	0.62	302.3	Pg	09:20:58.894	-0.2					T__				m_e	ML 1.5
CHRS	0.62	302.3	Sg	09:21:07.109	-0.0					T__				m_e	
MOX	0.64	183.0	Pg	09:20:59.104	-0.2					T__				m_e	ML 1.8
MOX	0.64	183.0	Sg	09:21:07.858	0.3					T__				m_e	
ABG1	0.65	118.4	Pg	09:20:59.930	0.4					T__				m_e	ML 2.4
ABG1	0.65	118.4	Sg	09:21:09.033	1.1					T__				m_e	
GRZ1	0.68	149.3	Pg	09:20:59.909	-0.3					T__				m_e	ML 1.5
HWTS	0.70	190.2	Pg	09:21:00.104	-0.4					T__				m_e	ML 1.9
HWTS	0.70	190.2	Sg	09:21:09.408	-0.1					T__				m_e	
SCHF	0.76	142.2	Pg	09:21:01.882	0.3					T__				m_e	ML 2.0
SCHF	0.76	142.2	Sg	09:21:12.165	0.7					T__				m_e	
CLL	0.84	87.6	Pg	09:21:02.501	-0.5					T__				m_e	ML 2.3
CLL	0.84	87.6	Sg	09:21:14.421	0.6					T__				m_e	
WERD	0.92	153.9	Pg	09:21:04.368	-0.4					T__				m_e	ML 2.1
WERD	0.92	153.9	Sg	09:21:16.882	0.2					T__				m_e	
TANN	1.00	149.6	Pg	09:21:05.709	-0.4					T__				m_e	ML 2.1
TANN	1.00	149.6	Sg	09:21:19.199	0.1					T__				m_e	
GUNZ	1.01	155.2	Pg	09:21:05.886	-0.4					T__				m_e	ML 2.2
GUNZ	1.01	155.2	Sg	09:21:19.617	0.3					T__				m_e	
ASSE	1.05	324.4	Pg	09:21:06.999	-0.1					T__				m_e	ML 1.9
ASSE	1.05	324.4	Sg	09:21:21.705	1.1					T__				m_e	
FLT1	1.08	345.9	Pg	09:21:07.353	-0.4					T__				m_e	ML 2.1
FLT1	1.08	345.9	Sg	09:21:21.950	0.2					T__				m_e	
GTTG	1.09	284.7	Pg	09:21:08.142	0.2					T__				m_e	ML 2.6
GTTG	1.09	284.7	Sg	09:21:23.095	1.0					T__				m_e	
ROHR	1.12	158.3	Pg	09:21:08.036	-0.4					T__				m_e	ML 2.7
ROHR	1.12	158.3	Sg	09:21:23.614	0.6					T__				m_e	
UBBA	1.14	246.9	Pg	09:21:08.595	-0.3					T__				m_e	ML 1.7
UBBA	1.14	246.9	Sg	09:21:24.747	1.1					T__				m_e	
HROE	1.21	232.6	Pg	09:21:09.901	-0.2					T__				m_e	ML 2.0
HROE	1.21	232.6	Sg	09:21:26.102	0.4					T__				m_e	
SPAHL	1.27	241.1	Pg	09:21:10.870	-0.4					T__				m_e	ML 2.2
SPAHL	1.27	241.1	Sg	09:21:27.598	-0.1					T__				m_e	
MANZ	1.32	167.6	Pn	09:21:11.347	-1.0					T__				m_e	ML 2.3
MANZ	1.32	167.6	Sg	09:21:28.920	-0.4					T__				m_e	
BRG	1.49	105.0	Pg	09:21:15.318	0.0					T__				m_e	ML 2.1
BRG	1.49	105.0	Sg	09:21:35.320	0.8					T__				m_e	

Event 90829003 Konstanz/Lake of Constance

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/08/29	14:22:49.44	0.18	1.72	47.7624	9.1248	1.7	1.0	046	5.0	0.0	40	6	019			m i uk	ZAMG	90829053
2019/08/29	14:22:50.20	0.06	0.63	47.7376	9.1022	1.0	0.8	084	3.0f		241	39	060			m i ke	LDG	90829043
2019/08/29	14:22:52.68	0.40	1.57	47.8700	9.1330				3.6	1.8	22	11	182	0.27	2.40	m i ke	BUG	90829033
2019/08/29	14:22:50.37	0.96	0.38	47.7347	9.0955				5.1	4.2	30	24	096	0.34	3.47	m i ke	BNS	90829023
2019/08/29	14:22:49.90	0.15	0.86	47.7570	9.1240	2.2	1.1	152	5.0f		81	34	053	0.00	4.48	m i ke	BGR	90829013
2019/08/29	14:22:49.89	0.06	0.24	47.7400	9.1080	0.7	0.7	135	3.0f		15	54	050	0.02	2.71	m i ke	LED	90829003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.3	21 ZAMG	90829053
ML	3.5	0.4	46 LDG	90829043
MD	3.4	0.2	9 BUG	90829033
ML	4.0	0.2	9 BUG	90829033
ML	2.8		BNS	90829023
ML	3.4	0.3	27 BGR	90829013
ML	3.4	0.2	68 LED	90829003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WALHA	0.02	38.4	Pg	14:22:50.240	-0.2					T__				m__	
WALHA	0.02	38.4	Sg	14:22:50.930	0.0					T__				m__	
KONZ	0.08	152.5	Pg	14:22:51.560	-0.0					T__				md_ ML	3.8
KONZ	0.08	152.5	Sg	14:22:53.380	0.7					T__				m__	
STEIN	0.18	246.5	Pg	14:22:53.540	0.3					T__				mci ML	3.4
STEIN	0.18	246.5	Sg	14:22:56.590	1.1					T__				m__	
ROMAN	0.23	138.8	Pg	14:22:54.490	0.2					T__				mc_ ML	3.5
ROMAN	0.23	138.8	Sg	14:22:58.240	0.9					T__				m__	
EMING	0.23	311.6	Pg	14:22:54.470	0.1					T__				mc_ ML	3.4
EMING	0.23	311.6	Sg	14:22:58.180	0.8					T__				m__	
A103D	0.30	78.3	Pg	14:22:55.800	0.2					T__				mc_ ML	3.3
A103D	0.30	78.3	Sg	14:23:00.450	0.9					T__				m__	
GUT	0.33	0.8	Pg	14:22:56.150	0.0					T__				mdi ML	3.6
GUT	0.33	0.8	Sg	14:23:01.070	0.6					T__				m__	
TETT	0.35	103.1	Pg	14:22:56.750	0.3					T__				mc_ ML	3.3
TETT	0.35	103.1	Sg	14:23:02.220	1.2					T__				m__	
WILA	0.35	202.7	Pg	14:22:56.860	0.3					T__				mc_ ML	3.3
WILA	0.35	202.7	Sg	14:23:02.000	0.9					T__				m__	
WILA	0.35	202.7	SmS	14:23:09.510	-0.1					___				m__	
SAUL	0.38	44.5	Pg	14:22:57.130	0.0					T__				m_ ML	3.2
SAUL	0.38	44.5	Sg	14:23:02.590	0.5					T__				m__	
A102A	0.40	8.7	Pg	14:22:57.640	0.1					___				m_ ML	3.1
A102A	0.40	8.7	Sg	14:23:03.580	0.8					___		9.1		m__	
SLE	0.41	273.9	Pg	14:22:57.810	0.1					T__				m_i ML	3.4
SLE	0.41	273.9	Sg	14:23:03.610	0.5					T__				m__	
MSS	0.45	347.4	Pg	14:22:58.480	0.1					T__				md_ ML	3.0
MSS	0.45	347.4	Sg	14:23:05.000	0.8					T__				m__	
EBIN	0.47	353.8	Sg	14:23:05.720	0.8					T__				m_ ML	3.1
FREU	0.50	2.2	Pg	14:22:59.270	0.0					T__				md_ ML	3.2
FREU	0.50	2.2	Sg	14:23:06.190	0.5					T__				m__	
FREU	0.50	2.2	SmS	14:23:11.210	-1.3					T__				m__	
ROTE	0.51	324.8	Pg	14:22:59.460	0.0					T__				md_ ML	3.2

ROTE	0.51	324.8	Sg	14:23:06.520	0.5	T__	m__	
ROTE	0.51	324.8	SmS	14:23:11.560	-1.2	T__	m__	
BHBD	0.51	352.2	Pg	14:22:59.660	0.1	T__	m__ ML	3.2
BHBD	0.51	352.2	Sg	14:23:06.940	0.8	T__	m__	
ZUR	0.51	224.0	Pg	14:22:59.787	0.2	---	m_e	
ZUR	0.51	224.0	Sg	14:23:07.339	1.1	---	m_e	
LIENZ	0.51	149.4	Pg	14:23:00.120	0.5	T__	md_ ML	3.1
LIENZ	0.51	149.4	Sg	14:23:08.020	1.7	T__	m__	
A101B	0.53	315.5	Pg	14:23:00.030	0.1	---	m__ ML	3.3
A101B	0.53	315.5	Sg	14:23:07.270	0.5	---	m__	
A104C	0.53	43.3	Pg	14:22:59.980	0.0	T__	mc_ ML	3.3
A104C	0.53	43.3	Sg	14:23:07.430	0.6	T__	m__	
ONST	0.55	352.4	Sg	14:23:08.070	0.7	T__	m__ ML	3.3
ZWI	0.56	23.7	Pg	14:23:00.460	-0.1	T__	mc_ ML	3.2
ZWI	0.56	23.7	Sg	14:23:08.230	0.4	T__	m__	
METMA	0.58	267.5	Pg	14:23:00.710	-0.0	T__	mc_ ML	3.2
METMA	0.58	267.5	Sg	14:23:08.550	0.3	T__	m__	
METMA	0.58	267.5	SmS	14:23:12.920	-1.5	T__	m__	
JUNG	0.59	355.3	Sg	14:23:09.310	0.6	T__	m__ ML	3.1
ACB	0.59	255.6	Pg	14:23:01.158	0.1	---	m_e	
ACB	0.59	255.6	Sg	14:23:09.479	0.7	---	m_e	
ERPF	0.61	4.2	Pg	14:23:01.500	0.2	---	m__ ML	2.9
ERPF	0.61	4.2	Sg	14:23:10.060	0.9	T__	m__	
BERGE	0.64	282.2	Pg	14:23:02.000	0.1	T__	mc_ ML	3.5
BERGE	0.64	282.2	Sg	14:23:10.690	0.5	T__	m__	
BERGE	0.64	282.2	SmS	14:23:14.460	-1.4	---	m__	
MSGN	0.67	357.2	PmP	14:23:04.470	-1.3	T__	m__	
MSGN	0.67	357.2	SmS	14:23:15.330	-1.3	T__	m__	
DAVA	0.69	130.7	Pg	14:23:03.490	0.6	T__	m__ ML	3.4
DAVA	0.69	130.7	Sg	14:23:13.294	1.4	---	m_e	
DAVA	0.69	130.7	SmS	14:23:17.500	0.3	T__	m__	
SULZ	0.70	252.9	Pg	14:23:03.310	0.2	T__	mc_ ML	3.5
SULZ	0.70	252.9	Sg	14:23:13.280	1.0	T__	m__	
PLONS	0.72	164.9	Pg	14:23:03.674	0.3	---	m_e ML	2.6
PLONS	0.72	164.9	Sg	14:23:13.871	1.2	---	m_e	
A100A	0.72	350.4	Pg	14:23:03.450	-0.1	T__	md_ ML	3.6
A100A	0.72	350.4	Sg	14:23:13.610	0.7	T__	m__	
BUCH	0.73	12.9	Pg	14:23:03.590	-0.0	T__	md_ ML	3.6
BUCH	0.73	12.9	Sg	14:23:13.850	0.8	T__	m__	
BUCH	0.73	12.9	SmS	14:23:17.190	-1.0	T__	m__	
A109A	0.74	18.3	Pg	14:23:04.020	0.1	---	m__ ML	3.6
A109A	0.74	18.3	Sg	14:23:14.270	0.8	---	m__	
FELD	0.75	280.8	Pg	14:23:04.130	0.0	T__	mc_ ML	3.9
FELD	0.75	280.8	PmP	14:23:05.890	-1.2	T__	m__	
FELD	0.75	280.8	Sg	14:23:15.070	1.2	T__	m__	
FELD	0.75	280.8	SmS	14:23:17.460	-1.4	T__	m__	
A108A	0.78	38.2	Pg	14:23:04.390	-0.1	T__	m__	
A108A	0.78	38.2	PmP	14:23:06.770	-0.7	T__	m__	
A108A	0.78	38.2	Sg	14:23:14.950	0.4	T__	m__	
TUBL	0.78	358.8	Pg	14:23:04.410	-0.2	T__	md_ ML	3.7
TUBL	0.78	358.8	PmP	14:23:05.940	-1.6	T__	m__	
TUBL	0.78	358.8	Sg	14:23:15.080	0.3	T__	m__	
TUBL	0.78	358.8	SmS	14:23:17.940	-1.7	T__	m__	
BFO	0.79	318.9	Pg	14:23:04.630	-0.1	T__	md_ ML	4.0

4.4

5.6

BFO	0.79	318.9	PmP	14:23:06.150	-1.4	T__	m__	
BFO	0.79	318.9	Sg	14:23:15.700	0.8	___	m_e	
BFO	0.79	318.9	SmS	14:23:18.130	-1.6	T__	m__	
KIZ	0.83	285.6	Pg	14:23:05.400	-0.1	T__	mc_ ML	4.0
KIZ	0.83	285.6	PmP	14:23:06.760	-1.5	T__	m__	
KIZ	0.83	285.6	Sg	14:23:16.710	0.5	T__	m__	
KIZ	0.83	285.6	SmS	14:23:19.060	-1.7	T__	m__	
A105A	0.87	112.2	Pg	14:23:07.350	1.1	___	m__ ML	3.5
A105A	0.87	112.2	SmS	14:23:21.700	-0.2	___	m__	2.9
OBER	0.87	112.2	Pg	14:23:07.033	0.8	___	m_e ML	3.4
OBER	0.87	112.2	SmS	14:23:22.270	0.4	___	m__	
FBB	0.88	287.7	PmP	14:23:07.730	-1.4	T__	m__ ML	3.7
FBB	0.88	287.7	SmS	14:23:21.030	-1.3	T__	m__	
FREI	0.89	288.0	Sg	14:23:19.190	1.0	T__	m__ ML	3.6
ENDD	0.92	269.0	Pg	14:23:07.200	-0.1	T__	mc_ ML	4.1
ENDD	0.92	269.0	Sg	14:23:19.610	0.4	T__	m__	
ENDD	0.92	269.0	SmS	14:23:21.670	-1.7	T__	m__	
DEGG	0.96	24.7	Pg	14:23:07.840	-0.1	T__	m__ ML	3.6
DEGG	0.96	24.7	Sg	14:23:21.250	0.9	T__	m__	
OPP	0.98	321.3	Pg	14:23:08.060	-0.2	T__	m__ ML	3.4
OPP	0.98	321.3	PmP	14:23:08.840	-1.8	T__	m__	
A124A	0.99	335.9	Pg	14:23:08.600	-0.0	T__	md_ ML	3.3
A124A	0.99	335.9	Sg	14:23:22.330	0.8	T__	m__	
VOGT	1.02	290.0	Pg	14:23:09.260	0.1	T__	m__ ML	3.9
WEIL	1.03	262.3	SmS	14:23:25.390	-0.9	T__	m__ ML	3.6
STU	1.03	3.1	Pg	14:23:09.204	-0.1	___	m_e ML	3.5
STU	1.03	3.1	PmP	14:23:09.970	-1.6	T__	m__	
STU	1.03	3.1	Sg	14:23:22.964	0.3	___	m_e	4.8
BALST	1.04	247.6	Pg	14:23:09.490	0.1	T__	m__ ML	3.6
BALST	1.04	247.6	PmP	14:23:10.810	-0.9	T__	m__	
BALST	1.04	247.6	Sg	14:23:24.558	1.7	___	m_e	
GALG	1.07	348.4	Pg	14:23:09.770	-0.3	T__	md_ ML	3.5
GALG	1.07	348.4	PmP	14:23:10.450	-1.8	T__	m__	
GALG	1.07	348.4	Sg	14:23:23.890	0.0	T__	m__	
A106B	1.09	21.7	Pg	14:23:09.880	-0.6	___	m__ ML	3.8
A106B	1.09	21.7	Sg	14:23:24.920	0.3	___	m__	5.6
HDH	1.12	40.6	Pn	14:23:10.120	-1.6	T__	md_ ML	3.9
HDH	1.12	40.6	Sn	14:23:25.550	-1.6	T__	m__	
HDH	1.12	40.6	SmS	14:23:27.160	-1.8	T__	m__	
ZELS	1.14	300.2	Sg	14:23:26.884	0.9	___	m_e	
URBA	1.14	16.0	Pn	14:23:10.510	-1.6	T__	md_ ML	3.5
URBA	1.14	16.0	Sn	14:23:26.370	-1.3	T__	m__	
URBA	1.14	16.0	SmS	14:23:28.340	-1.3	T__	m__	
RETA	1.14	102.2	Pg	14:23:12.130	0.7	T__	m__ ML	3.4
RETA	1.14	102.2	Sg	14:23:27.788	1.6	___	m_e	
BABA	1.15	328.4	Pn	14:23:10.910	-1.3	T__	md_ ML	3.3
BABA	1.15	328.4	PmP	14:23:11.950	-1.7	T__	m__	
ILLF	1.25	268.0	Pn	14:23:12.420	-1.1	T__	mc_ ML	3.5
WALT	1.25	281.1	Pg	14:23:13.470	0.0	T__	m__ ML	3.4
ZUGS	1.30	103.7	Pg	14:23:14.714	0.3	___	m_e	
BRET	1.30	347.8	Pn	14:23:13.090	-1.2	T__	md_ ML	3.6
BRET	1.30	347.8	PmP	14:23:14.720	-1.6	T__	m__	
BRET	1.30	347.8	Sn	14:23:29.630	-1.9	T__	m__	
BOURR	1.31	255.5	Pn	14:23:13.410	-1.0	T__	md_ ML	3.6

A117A	1.34	13.0	Pn	14:23:13.110	-1.7	T__		md_ ML	3.8
A117A	1.34	13.0	Sn	14:23:30.780	-1.6	T__		m__	
PART	1.38	99.5	Sg	14:23:33.484	-0.1	___		m_e	
ECH	1.39	290.8	Pn	14:23:14.220	-1.2	___		m__ ML	3.5
ECH	1.39	290.8	Pg	14:23:15.870	-0.2	___		m__	
ECH	1.39	290.8	Sg	14:23:33.919	-0.1	___	4.9	m_e	
NORI	1.41	45.3	Pn	14:23:14.017	-1.7	___	46.0	m_e ML	3.6
NORI	1.41	45.3	Pg	14:23:16.497	0.1	___	3.7	m_e	
NORI	1.41	45.3	Sg	14:23:34.940	0.3	___	11.4	m_e	
WOER	1.49	30.6	Pn	14:23:15.060	-1.7	___		mc_ ML	3.7
WOER	1.49	30.6	Sn	14:23:34.710	-1.1	___		m__	
FUR	1.51	73.0	Pg	14:23:18.432	0.0	___		m_e ML	3.8
FUR	1.51	73.0	Sn	14:23:36.467	0.1	___		m_e	
FUR	1.51	73.0	Sg	14:23:38.891	1.0	___	21.7	m_e	
ROTT	1.53	335.7	Pn	14:23:16.715	-0.6	___	10.5	m_e	
ROTT	1.53	335.7	Pg	14:23:19.489	0.8	___	1.5	m_e	
LDE	1.57	336.3	Pg	14:23:20.640	1.1	___		m_e	
LDE	1.57	336.3	Sg	14:23:37.593	-2.3	___	3.4	m_e	
PEB	1.62	325.7	Pn	14:23:17.580	-0.9	___		m__ ML	3.5
SIND	1.64	11.4	Pn	14:23:16.950	-1.9	___		md_ ML	3.4
SIND	1.64	11.4	PmP	14:23:20.900	-1.4	___		m__	
SIND	1.64	11.4	Sn	14:23:37.680	-1.8	___		m__	
CHMF	1.73	254.4	Pn	14:23:19.010	-1.1	___		m__ ML	3.5
VOEL	1.80	313.7	Pn	14:23:20.440	-0.6	___		m__ ML	3.3
WBA	1.92	354.4	Pn	14:23:21.380	-1.3	___		md_ ML	3.0
IMS	2.02	337.2	Pn	14:23:23.050	-0.9	___		mc_ ML	3.2
WBB	2.12	352.2	Pn	14:23:24.420	-1.0	___		m__ ML	2.8
BODE	2.24	346.5	Pg	14:23:33.485	1.5	___		m_e	
BODE	2.24	346.5	Sg	14:24:00.799	-0.1	___	3.7	m_e	
GRB2	2.29	47.0	Pn	14:23:25.780	-1.8	___		m__ ML	3.5
ABH	2.38	335.0	Pn	14:23:28.410	-0.4	___		md_ ML	3.0
GRA1	2.40	34.8	Pn	14:23:26.920	-2.2	___		m__ ML	3.5
GRA1	2.40	34.8	Pg	14:23:35.324	0.2	___	2.7	m_e	
GRA1	2.40	34.8	Sn	14:23:56.236	-1.0	___		m_e	
GRA1	2.40	34.8	Sg	14:24:04.743	-1.4	___	3.4	m_e	
WBG	2.44	3.6	Pn	14:23:28.240	-1.4	___		m__ ML	3.5
RIVT	2.50	322.7	Pn	14:23:31.286	0.8	___	17.0	m_e	
RIVT	2.50	322.7	Pg	14:23:37.146	0.1	___	6.5	m_e	
RIVT	2.50	322.7	Sg	14:24:08.005	-1.4	___	2.3	m_e	
TNS	2.52	350.3	Pn	14:23:30.083	-0.7	___	7.9	m_e ML	3.1
TNS	2.52	350.3	Sn	14:23:58.010	-2.1	___		m_e	
TNS	2.52	350.3	Sg	14:24:10.209	0.3	___	1.9	m_e	
WMG	2.59	317.2	Pn	14:23:32.260	0.5	___		m__ ML	3.0
GWBC	2.71	348.6	Pn	14:23:33.190	-0.1	___		m__ ML	2.8
BGG	2.73	335.4	Pn	14:23:33.560	-0.0	___		m_e	
WLF	2.74	315.7	Pn	14:23:35.047	1.3	___	3.4	m_e ML	3.2
WLF	2.74	315.7	Pg	14:23:42.272	0.7	___	1.9	m_e	
WLF	2.74	315.7	Sg	14:24:16.015	-0.9	___	3.6	m_e	
KOE	2.83	342.0	Pn	14:23:35.230	0.2	___		m_e	
KOE	2.83	342.0	Sn	14:24:08.990	1.6	___		m_e	
WET	2.87	59.3	Pn	14:23:34.500	-1.0	___	6.5	m_e ML	3.5
WET	2.87	59.3	Pg	14:23:43.204	-0.7	___	5.7	m_e	
WET	2.87	59.3	Sn	14:24:08.281	0.0	___		m_e	
WET	2.87	59.3	Sg	14:24:19.536	-1.5	___	4.4	m_e	

29.8 0.49

ROTZ	2.88	44.1	Pn	14:23:33.757	-1.9	---	4.7										m_e ML	3.5
ROTZ	2.88	44.1	Pg	14:23:42.707	-1.4	---	2.8										m_e	
ROTZ	2.88	44.1	Sn	14:24:07.255	-1.2	---											m_e	
ROTZ	2.88	44.1	Sg	14:24:19.920	-1.4	---	4.2										m_e	
MANZ	2.99	40.2	Pg	14:23:45.516	-0.7	---											m_e ML	3.5
MANZ	2.99	40.2	Sn	14:24:10.660	-0.5	---											m_e	
MANZ	2.99	40.2	Sg	14:24:25.033	0.2	---	3.2										m_e	
UBBA	3.13	10.4	Pg	14:23:49.024	0.1	---											m_e ML	3.2
UBBA	3.13	10.4	Sg	14:24:28.042	-1.4	---	3.2										m_e	
STB	3.22	333.4	Pn	14:23:40.598	0.4	---											m_e	
GEC2	3.25	68.4	Pn	14:23:40.483	-0.2	---	5.8										m_e ML	3.5
GEC2	3.25	68.4	Pg	14:23:50.133	-1.0	---	5.0										m_e	
GEC2	3.25	68.4	Sg	14:24:32.931	-0.2	---	1.8										m_e	
MOX	3.33	28.5	Pn	14:23:39.392	-2.4	---	4.6										m_e ML	3.5
MOX	3.33	28.5	Pg	14:23:52.768	0.0	---	3.9										m_e	
MOX	3.33	28.5	Sn	14:24:20.386	1.2	---											m_e	
MOX	3.33	28.5	Sg	14:24:34.644	-1.2	---	5.8										m_e	
PLN	3.39	34.9	Pg	14:23:53.204	-0.6	---											m_e ML	3.2
PLN	3.39	34.9	Sn	14:24:20.309	-0.3	---											m_e	
PLN	3.39	34.9	Sg	14:24:36.109	-1.6	---	3.9										m_e	
KLL	3.43	328.9	Pn	14:23:43.304	0.2	---											m_e	
HOBG	3.44	341.1	Pn	14:23:43.601	0.3	---											m_e	
HOBG	3.44	341.1	Sn	14:24:23.390	1.6	---						35.9	0.25				m_e	
TANN	3.46	38.1	Pg	14:23:54.752	-0.4	---											m_e ML	3.6
TANN	3.46	38.1	Sg	14:24:38.458	-1.4	---	5.1										m_e	
DREG	3.47	328.4	Pn	14:23:44.181	0.5	---											m_e	
DREG	3.47	328.4	Sn	14:24:24.221	1.7	---						15.9	0.62				m_e	
KAST	3.49	352.9	Pn	14:23:43.559	-0.4	---	9.3										m_e	
CLL	4.37	33.9	Sg	14:25:07.774	-1.0	---	5.0										m_e ML	3.8
BRG	4.44	43.4	Pg	14:24:14.286	0.7	---											m_e ML	3.5
BRG	4.44	43.4	Sg	14:25:11.155	0.1	---	3.1										m_e	
ASSE	4.50	12.3	Sg	14:25:12.845	-0.1	---	3.5										m_e ML	3.3

Event 90829004 Konstanz/Lake of Constance

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/08/29	19:14:23.67	0.13	0.47	47.7482	9.0998	1.3	0.9	032	5.0	0.0	34	8	019			m i uk	ZAMG	90829044
2019/08/29	19:14:23.90	0.06	0.42	47.7396	9.1019	1.0	0.9	078	4.0f		81	15	056			m i ke	LDG	90829034
2019/08/29	19:14:24.81	0.45	0.83	47.7770	9.1090				3.9	2.1	21	11	198	0.30	1.50	m i ke	BUG	90829024
2019/08/29	19:14:24.09	0.20	0.82	47.7640	9.1060	3.3	2.2	160	5.0f		32	20	067	0.02	3.44	m i ke	BGR	90829014
2019/08/29	19:14:23.81	0.10	0.29	47.7380	9.1110	1.1	1.1	032	3.0f		65	34	050	0.02	1.49	m i ke	LED	90829004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.2	8 ZAMG	90829044
ML	2.3	0.3	16 LDG	90829034
MD	2.7	0.3	8 BUG	90829024
ML	2.3	0.2	8 BUG	90829024
ML	1.9	0.3	14 BGR	90829014
ML	1.9	0.3	36 LED	90829004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
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WALHA	0.02	28.8	Pg	19:14:24.280	-0.1	T__	mdi	ML	2.7
WALHA	0.02	28.8	Sg	19:14:25.010	0.2	T__	m__		
KONZ	0.08	153.1	Pg	19:14:25.500	0.1	T__	m__	ML	2.3
KONZ	0.08	153.1	Sg	19:14:27.340	0.8	T__	m__		
STEIN	0.18	247.3	Pg	19:14:27.490	0.3	T__	mc__	ML	1.9
STEIN	0.18	247.3	Sg	19:14:30.560	1.1	T__	m__		
ROMAN	0.23	138.8	Pg	19:14:28.420	0.2	T__	md__	ML	1.7
ROMAN	0.23	138.8	Sg	19:14:32.110	0.9	T__	m__		
EMING	0.24	311.6	Pg	19:14:28.480	0.2	T__	mc__	ML	1.8
EMING	0.24	311.6	Sg	19:14:32.190	0.8	T__	m__		
A103D	0.30	77.8	Pg	19:14:29.790	0.3	T__	md__	ML	1.6
A103D	0.30	77.8	Sg	19:14:34.460	1.0	T__	m__		
GUT	0.33	0.5	Pg	19:14:30.190	0.1	T__	m__	ML	2.0
GUT	0.33	0.5	Sg	19:14:35.120	0.7	T__	m__		
TETT	0.35	102.8	Sg	19:14:36.180	1.3	T__	m__	ML	1.6
WILA	0.35	203.1	Pg	19:14:30.790	0.3	T__	mc__	ML	1.8
WILA	0.35	203.1	Sg	19:14:36.290	1.3	T__	m__		
A102A	0.41	8.3	Pg	19:14:31.630	0.1	---	m__	ML	2.3
A102A	0.41	8.3	Sg	19:14:37.650	0.9	---	m__		0.2
SLE	0.42	274.1	Pg	19:14:31.780	0.1	T__	m__	ML	1.7
SLE	0.42	274.1	Sg	19:14:37.560	0.5	T__	m__		
MSS	0.45	347.2	Pg	19:14:32.510	0.2	T__	m__	ML	1.5
MSS	0.45	347.2	Sg	19:14:39.020	0.8	T__	m__		
FREU	0.50	2.0	Pg	19:14:33.330	0.1	T__	m__	ML	1.6
FREU	0.50	2.0	Sg	19:14:40.480	0.8	T__	m__		
ROTE	0.51	324.8	Pg	19:14:33.490	0.1	T__	m__	ML	1.7
ROTE	0.51	324.8	Sg	19:14:40.440	0.4	T__	m__		
ROTE	0.51	324.8	SmS	19:14:45.410	-1.4	---	m__		
LIENZ	0.51	149.5	Pg	19:14:34.030	0.6	T__	m__	ML	1.5
LIENZ	0.51	149.5	Sg	19:14:41.900	1.8	---	m__		
A104C	0.53	43.0	Pg	19:14:34.050	0.2	---	m__	ML	1.8
A104C	0.53	43.0	Sg	19:14:41.380	0.6	---	m__		0.1
A101B	0.53	315.5	Pg	19:14:33.960	0.1	---	m__	ML	1.9
A101B	0.53	315.5	Sg	19:14:41.290	0.5	---	m__		0.2
ZWI	0.56	23.4	Pg	19:14:34.470	-0.0	T__	m__	ML	1.6
ZWI	0.56	23.4	Sg	19:14:42.270	0.5	T__	m__		
ZWI	0.56	23.4	SmS	19:14:47.210	-0.8	T__	m__		
METMA	0.58	267.8	Pg	19:14:34.670	-0.0	T__	mc__	ML	1.8
METMA	0.58	267.8	PmP	19:14:37.020	-1.3	T__	m__		
METMA	0.58	267.8	Sg	19:14:42.510	0.3	T__	m__		
BERGE	0.64	282.4	Pg	19:14:35.990	0.1	T__	mc__	ML	2.0
BERGE	0.64	282.4	Sg	19:14:44.650	0.5	T__	m__		
BERGE	0.64	282.4	SmS	19:14:48.340	-1.5	T__	m__		
DAVA	0.69	130.7	SmS	19:14:51.410	0.3	---	m__	ML	1.8
SULZ	0.70	253.1	Pg	19:14:37.330	0.2	T__	m__	ML	1.8
SULZ	0.70	253.1	Sg	19:14:47.440	1.2	T__	m__		
A100A	0.73	350.3	Pg	19:14:38.350	0.9	---	m__	ML	2.1
A100A	0.73	350.3	Sg	19:14:48.950	2.1	---	m__		0.2
A100A	0.73	350.3	SmS	19:14:50.630	-1.4	T__	m__		
BUCH	0.73	12.7	Pg	19:14:37.920	0.3	T__	m__	ML	1.9
BUCH	0.73	12.7	PmP	19:14:39.450	-1.2	T__	m__		
BUCH	0.73	12.7	Sg	19:14:47.870	0.9	T__	m__		
BUCH	0.73	12.7	SmS	19:14:51.140	-1.0	T__	m__		
A109A	0.74	18.1	Pg	19:14:38.840	1.0	---	m__	ML	2.1

2019/08/29 21:16:39.54	1.18	1.00	46.9810	9.9720			2.7	4.3	17	9 284	0.48	1.74	m i ke	BUG	90829028
2019/08/29 21:16:39.87	0.19	0.59	47.0669	9.9361	1.0	0.8 163	2.9	9.9	34	9 019			m i uk	ZAMG	90829018
2019/08/29 21:16:41.15	0.38	0.75	47.0670	9.9310	4.4	2.2 170	10.0f		36	17 197	0.38	3.09	m i ke	BGR	90829008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	11 LDG	90829038
MD	2.5	0.6	7 BUG	90829028
ML	2.3	0.3	7 BUG	90829028
ML	1.9	0.3	11 ZAMG	90829018
ML	1.8	0.5	15 BGR	90829008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	0.38	267.5	Pg	21:16:47.183	-1.2					T__	77.7			m_e	ML 1.1
PLONS	0.38	267.5	Sg	21:16:53.015	-0.4					T__	6.8			m_e	
OBER	0.42	35.8	Pg	21:16:48.398	-0.8					T__	3.3			m_e	ML 0.9
OBER	0.42	35.8	Sg	21:16:54.559	-0.2					T__	8.1			m_e	
A105A	0.42	35.8	Pg	21:16:47.960	-1.3					---				m_	
A105A	0.42	35.8	Sg	21:16:54.170	-0.6					---		0.1		m_	
WILA	0.78	297.0	Pg	21:16:55.292	-0.6					T__	1.6			m_e	ML 2.0
WILA	0.78	297.0	Sg	21:17:06.574	0.6					T__	2.6			m_e	
A103D	0.78	340.8	Pg	21:16:57.580	1.7					---				m_	ML 1.9
A103D	0.78	340.8	Sg	21:17:10.450	4.4					---		0.1		m_	
WALHA	0.88	321.7	Pg	21:16:57.942	0.2					T__	1.5			m_e	ML 1.8
WALHA	0.88	321.7	Sg	21:17:10.005	0.8					T__	3.2			m_e	
A104C	1.08	350.2	Pg	21:17:01.830	0.3					---				m_	ML 2.0
EMING	1.11	318.9	Pg	21:17:02.473	0.4					T__	6.2			m_e	ML 1.7
EMING	1.11	318.9	Sg	21:17:16.702	0.3					T__	3.3			m_e	
A102A	1.18	335.6	Pg	21:17:03.290	-0.2					---				m_	ML 1.9
A102A	1.18	335.6	Sg	21:17:19.720	0.9					---		0.0		m_	
SLE	1.20	306.2	Pg	21:17:03.705	-0.1					T__	4.2			m_e	ML 2.4
SLE	1.20	306.2	Sg	21:17:20.246	0.9					T__	6.8			m_e	
A108A	1.28	357.0	Pg	21:17:04.280	-1.1					---				m_	ML 2.3
A108A	1.28	357.0	Sg	21:17:22.670	0.7					---		0.1		m_	
METMA	1.31	300.2	Pg	21:17:05.589	-0.3					T__	3.8			m_e	ML 1.5
METMA	1.31	300.2	Sg	21:17:22.988	0.2					T__	9.2			m_e	
SULZ	1.32	291.2	Pg	21:17:06.271	0.2					T__	1.6			m_e	ML 2.7
SULZ	1.32	291.2	Sg	21:17:23.930	0.8					T__	10.0			m_e	
A101B	1.40	319.0	Pg	21:17:07.200	-0.5					---				m_	ML 3.0
A101B	1.40	319.0	Sg	21:17:25.900	0.0					---		0.2		m_	
FUR	1.42	39.1	Pg	21:17:07.617	-0.4					T__	1.7			m_e	ML 1.9
FUR	1.42	39.1	Sg	21:17:26.889	0.5					T__	1.6			m_e	
BERGE	1.43	304.8	Pg	21:17:07.969	-0.2					T__	3.2			m_e	ML 1.6
BERGE	1.43	304.8	Sg	21:17:26.824	0.1					T__	7.5			m_e	
A100A	1.54	334.4	Pn	21:17:07.610	-0.3					---				m_	ML 2.2
A100A	1.54	334.4	Sg	21:17:29.800	-0.4					---		0.1		m_	
BALST	1.54	280.9	Pn	21:17:08.240	0.3					T__	1.2			m_e	ML 2.0
BALST	1.54	280.9	Pg	21:17:10.507	0.2					T__	2.5			m_e	
BALST	1.54	280.9	Sn	21:17:28.007	1.0					T__	1.7			m_e	
BALST	1.54	280.9	Sg	21:17:30.794	0.5					T__	8.7			m_e	
BFO	1.66	320.1	Pn	21:17:09.660	0.1					---				m_	ML 1.5
BFO	1.66	320.1	Pg	21:17:12.029	-0.5					T__	2.2			m_e	
BFO	1.66	320.1	Sg	21:17:33.510	-0.5					T__	7.6			m_e	
NORI	1.72	15.5	Sg	21:17:35.488	-0.3					T__	4.3			m_e	ML 2.2

RJOB	2.05	69.9	Pg	21:17:18.816	-1.0	T__	2.9	m_e	ML	1.9
RJOB	2.05	69.9	Sg	21:17:48.045	1.7	T__	6.1	m_e		
ECH	2.19	302.6	Pn	21:17:16.565	-0.2	T__	1.1	m_e		
ECH	2.19	302.6	Sn	21:17:41.555	-0.8	T__	1.0	m_e		
ECH	2.19	302.6	Sg	21:17:49.665	-1.2	T__	2.9	m_e		
GEC2	3.09	53.5	Pg	21:17:39.372	0.0	T__	2.4	m_e		
GEC2	3.09	53.5	Sn	21:18:05.211	1.9	T__	1.5	m_e		
GEC2	3.09	53.5	Sg	21:18:19.034	-0.3	T__	1.0	m_e		
ROTZ	3.09	28.4	Sg	21:18:18.212	-1.3	T__	1.8	m_e	ML	2.0

Event 90830006 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/08/30	13:01:38.50	0.43	1.14	44.6596	18.6000	9.3	7.9	007	10.0f		96	37	311			m i ke	LDG	90830016
2019/08/30	13:01:33.92	1.06	0.55	44.4140	18.8010	16.7	8.9	016	10.0f		32	29	325	5.33	9.10	m i ke	BGR	90830006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.1	0.3	36 LDG	90830016
ML	4.7	0.2	8 BGR	90830006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RJOB	5.33	310.7	Pn	13:02:53.173	1.1					T__				m_e	ML 4.6
RJOB	5.33	310.7	Sn	13:03:51.079	2.3					T__				m_e	
GEC2	5.65	323.5	Pn	13:02:57.146	0.8					T__				m_e	ML 4.5
WET	6.23	321.5	Pn	13:03:05.240	1.0					T__				m_e	ML 4.6
FUR	6.41	308.5	Pn	13:03:08.244	1.6					T__				m_e	ML 4.9
FUR	6.41	308.5	Sn	13:04:15.387	1.3					T__				m_e	
OBER	6.63	299.8	Pn	13:03:10.316	0.6					T__				m_e	
ROTZ	6.98	322.4	Pn	13:03:14.019	-0.4					T__				m_e	ML 4.7
NORI	7.07	310.4	Pn	13:03:15.944	0.2					T__				m_e	ML 4.8
MANZ	7.19	323.2	Pn	13:03:18.285	1.0					T__				m_e	ML 4.7
BRG	7.24	334.9	Pn	13:03:19.242	1.3					T__				m_e	
WERN	7.30	325.8	Pn	13:03:18.991	0.1					T__				m_e	
TANN	7.37	326.7	Pn	13:03:20.247	0.5					T__				m_e	
GRA1	7.38	318.4	Pn	13:03:20.700	0.9					T__				m_e	ML 5.0
GUNZ	7.38	326.0	Pn	13:03:20.394	0.5					T__				m_e	
MULD	7.39	326.5	Pn	13:03:20.627	0.6					T__				m_e	
TRIB	7.45	325.2	Pn	13:03:21.375	0.5					T__				m_e	
WERD	7.46	326.3	Pn	13:03:21.947	1.0					T__				m_e	
FBE	7.46	332.6	Pn	13:03:21.636	0.6					T__				m_e	
PLN	7.55	325.9	Pn	13:03:22.993	0.9					T__				m_e	
SCHF	7.60	327.7	Pn	13:03:23.161	0.3					T__				m_e	
GRZ1	7.68	327.1	Pn	13:03:25.803	1.8					T__				m_e	
HKWD	7.77	327.9	Pn	13:03:25.765	0.5					T__				m_e	
MOX	7.89	324.7	Pn	13:03:27.571	0.8					T__				m_e	
HWTS	7.91	323.9	Pn	13:03:28.236	1.2					T__				m_e	
CLL	7.91	332.7	Pn	13:03:27.227	0.2					T__				m_e	
TAUT	8.11	326.6	Pn	13:03:31.187	1.4					T__				m_e	
BFO	8.21	302.2	Pn	13:03:31.415	0.3					T__				m_e	
NEUB	8.26	327.8	Pn	13:03:32.838	1.0					T__				m_e	
POSS	8.72	325.3	Pn	13:03:39.170	1.1					T__				m_e	

TNS	9.10	313.3	Pn	13:03:44.265	1.1
TNS	9.10	313.3	Sn	13:05:18.877	1.5

T__	m_e
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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