

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 91102001 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/02	14:11:36.30	0.29	0.63	44.3004	17.5772	5.8	4.7	104	10.0f		129	35	271			m i ke	LDG	91102011
2019/11/02	14:11:33.50			44.3200	17.6100				10.0f							m i ke	EMSC	91102001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.5	0.3	29 LDG	91102011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RJOB	4.78	317.3	Pn	14:12:47.826	3.6					---					m_e
GEC2	5.26	330.7	Pn	14:12:53.286	2.6					---					m_e
WET	5.81	327.8	Pn	14:13:00.406	2.2					---					m_e
FUR	5.82	313.5	Pn	14:13:01.608	3.2					---					m_e
UBR	6.20	305.5	Pn	14:13:06.808	3.4					---					m_e
ROTZ	6.57	327.9	Pn	14:13:10.897	2.4					---					m_e
MANZ	6.79	328.6	Pn	14:13:13.792	2.4					---					m_e
GRA1	6.91	323.3	Pn	14:13:14.952	1.9					---					m_e
PLN	7.18	331.1	Pn	14:13:19.456	2.7					---					m_e
MOX	7.51	329.5	Pn	14:13:23.797	2.6					---					m_e
BFO	7.55	305.3	Pn	14:13:23.961	2.2					---					m_e
UBBA	8.27	324.5	Pn	14:13:34.356	2.8					---					m_e
TNS	8.56	316.8	Pn	14:13:39.170	3.7					---					m_e

Event 91104001 Ebingen/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/04	00:59:45.95	0.32	1.29	48.2517	9.0347	2.9	1.8	016	4.0	0.0	32	7	010			m i uk	ZAMG	91104051
2019/11/04	00:59:46.80	0.05	0.56	48.2311	9.0182	0.9	0.8	105	4.0f		236	39	039			m i ke	LDG	91104041
2019/11/04	00:59:47.51	1.14	0.51	48.2225	9.0000				10.0f		25	18	184	0.34	3.40	m i ke	BNS	91104031
2019/11/04	00:59:43.20		1.48	48.0800	9.1500				4.0f		60	34	255			m i ke	HLNUG	91104021
2019/11/04	00:59:46.79	0.12		48.2530	8.9970	1.1	1.1	123	10.9	2.1	79	42	034	0.37	4.32	m i ke	BGR	91104011
2019/11/04	00:59:46.75	0.04	0.16	48.2420	9.0080	0.5	0.4	105	4.0	2.0	69	34	033	0.01	3.07	m i ke	LED	91104001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	4.0	0.3	22 ZAMG	91104051
ML	4.1	0.3	45 LDG	91104041
ML	3.3		BNS	91104031
ML	3.8	0.2	26 HLNUG	91104021
ML	3.9	0.3	39 BGR	91104011
ML	3.8	0.2	99 LED	91104001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BHBD	0.01	334.9	Pg	00:59:47.680	0.2					T__				mc_ ML	3.8
BHBD	0.01	334.9	Sg	00:59:48.560	0.7					T__				m__	
EBIN	0.04	154.9	Pg	00:59:47.850	0.1					T__				mdi ML	4.1
EBIN	0.04	154.9	Sg	00:59:48.880	0.5					T__				m__	
ONST	0.04	351.5	Pg	00:59:48.040	0.3					T__				md_ ML	4.2

ONST	0.04	351.5	Sg	00:59:49.160	0.7	T__	m__	
MSS	0.07	206.0	Pg	00:59:48.500	0.3	T__	mc_ ML	4.3
MSS	0.07	206.0	Sg	00:59:49.890	0.6	T__	m__	
FREU	0.09	94.2	Pg	00:59:48.620	0.1	T__	mci ML	4.1
FREU	0.09	94.2	Sg	00:59:50.190	0.5	T__	m__	
JUNG	0.09	11.6	Pg	00:59:48.790	0.2	T__	md_ ML	4.0
JUNG	0.09	11.6	Sg	00:59:50.500	0.7	T__	m__	
BALG	0.11	287.0	Pg	00:59:49.140	0.3	T__	mc_ ML	4.1
BALG	0.11	287.0	Sg	00:59:50.960	0.6	T__	m__	
ERPF	0.15	47.1	Pg	00:59:49.970	0.3	T__	mc_ ML	3.8
ERPF	0.15	47.1	Sg	00:59:52.600	0.9	T__	m__	
MSGN	0.17	11.3	Pg	00:59:50.290	0.3	T__	md_	
MSGN	0.17	11.3	Sg	00:59:53.070	0.8	T__	m__	
GUT	0.19	157.3	Pg	00:59:50.470	0.2	T__	mdi ML	3.7
GUT	0.19	157.3	Sg	00:59:53.360	0.6	T__	m__	
A100A	0.22	345.6	Pg	00:59:51.160	0.2	T__	md_ ML	3.8
A100A	0.22	345.6	Sg	00:59:54.430	0.7	T__	m__	
ROTE	0.24	248.6	Pg	00:59:51.590	0.2	T__	mc_ ML	3.7
ROTE	0.24	248.6	Sg	00:59:55.150	0.6	T__	m__	
TUEB	0.27	7.5	Pg	00:59:52.170	0.2	T__	md_ ML	3.8
TUEB	0.27	7.5	Sg	00:59:56.110	0.6	T__	m__	
TUBL	0.29	10.0	Pg	00:59:52.280	0.1	T__	md_ ML	4.0
TUBL	0.29	10.0	Sg	00:59:56.260	0.4	T__	m__	
REUL	0.29	29.6	Pg	00:59:52.550	0.3	T__	mc_ ML	3.9
REUL	0.29	29.6	Sg	00:59:56.760	0.7	T__	m__	
ZWI	0.29	87.1	Pg	00:59:52.470	0.2	T__	mc_ ML	3.9
ZWI	0.29	87.1	Sg	00:59:56.700	0.6	T__	m__	
BUCH	0.31	47.7	Pg	00:59:53.000	0.4	T__	mc_ ML	4.0
BUCH	0.31	47.7	Sg	00:59:57.510	0.9	T__	m__	
EMING	0.36	197.3	Pg	00:59:53.880	0.3	T__	mc_ ML	4.2
EMING	0.36	197.3	Sg	00:59:58.820	0.5	T__	m__	
SAUL	0.41	124.3	Pg	00:59:54.670	0.2	T__	md_ ML	3.8
SAUL	0.41	124.3	Sg	01:00:00.500	0.8	T__	m__	
BFO	0.46	281.3	Pg	00:59:55.680	0.2	T__	mc_ ML	4.1
BFO	0.46	281.3	Sg	01:00:01.710	0.3	T__	m__	
BFO	0.46	281.3	SmS	01:00:06.340	-2.1	T__	m__	
WALHA	0.50	171.0	Pg	00:59:56.368	0.3	___	m_e ML	3.6
WALHA	0.50	171.0	Sg	01:00:02.974	0.5	___	m_e	
STU	0.54	13.0	Pg	00:59:57.180	0.2	T__	md_ ML	3.7
STU	0.54	13.0	PmP	00:59:59.520	-1.2	T__	m__	
STU	0.54	13.0	Sg	01:00:04.255	0.2	___	m_e	
STUT	0.55	11.1	Pg	00:59:57.330	0.2	T__	md_	
STUT	0.55	11.1	PmP	00:59:59.670	-1.1	T__	m__	
GALG	0.56	344.6	Pg	00:59:57.590	0.2	T__	md_ ML	3.5
GALG	0.56	344.6	PmP	00:59:59.780	-1.2	T__	m__	
GALG	0.56	344.6	Sg	01:00:05.080	0.4	T__	m__	
A103D	0.57	140.4	Pg	00:59:57.830	0.3	T__	md_ ML	3.8
A103D	0.57	140.4	Sg	01:00:05.810	0.9	T__	m__	
STEIN	0.58	189.3	Pg	00:59:58.020	0.3	T__	md_ ML	3.8
STEIN	0.58	189.3	Sg	01:00:05.810	0.6	T__	m__	
KONZ	0.59	169.6	Pg	00:59:58.170	0.3	T__	md_ ML	3.6
KONZ	0.59	169.6	Sg	01:00:06.560	1.1	___	m__	
SLE	0.59	216.1	Pg	00:59:57.920	0.1	T__	mc_ ML	3.8
SLE	0.59	216.1	PmP	01:00:00.120	-1.2	T__	m__	

SLE	0.59	216.1	Sg	01:00:05.720	0.3
DEGG	0.59	51.7	Pg	00:59:58.180	0.2
DEGG	0.59	51.7	Sg	01:00:06.500	0.9
OPP	0.60	295.4	Pg	00:59:58.230	0.1
OPP	0.60	295.4	Sg	01:00:06.020	0.1
BERGE	0.67	236.6	Pg	00:59:59.440	0.1
BERGE	0.67	236.6	PmP	01:00:01.260	-1.2
BERGE	0.67	236.6	Sg	01:00:08.976	1.0
BERGE	0.67	236.6	SmS	01:00:11.430	-1.9
ULMD	0.69	75.5	Pg	00:59:59.960	0.2
URBA	0.71	32.5	Pg	01:00:00.190	0.1
URBA	0.71	32.5	Sg	01:00:09.630	0.4
TETT	0.71	144.9	Pg	01:00:00.480	0.3
TETT	0.71	144.9	Sg	01:00:10.440	1.1
ROMAN	0.71	161.9	Pg	01:00:00.430	0.2
ROMAN	0.71	161.9	Sg	01:00:10.320	0.9
ROMAN	0.71	161.9	SmS	01:00:13.610	-0.9
BABA	0.72	311.7	Pg	01:00:00.460	0.1
BABA	0.72	311.7	PmP	01:00:01.920	-1.4
BABA	0.72	311.7	SmS	01:00:12.540	-2.1
OFFE	0.72	289.1	Pg	01:00:00.750	0.4
METMA	0.73	223.9	Pg	01:00:00.500	-0.1
METMA	0.73	223.9	PmP	01:00:02.180	-1.3
METMA	0.73	223.9	Sg	01:00:09.970	-0.1
METMA	0.73	223.9	SmS	01:00:12.890	-2.1
FELD	0.76	241.8	Pg	01:00:01.240	0.1
FELD	0.76	241.8	SmS	01:00:14.150	-1.7
KIZ	0.78	249.0	Pg	01:00:01.500	-0.0
KIZ	0.78	249.0	PmP	01:00:02.630	-1.6
BRET	0.80	344.8	Pg	01:00:02.200	0.4
FBB	0.81	253.1	Pg	01:00:02.050	0.1
FREI	0.81	253.7	Pg	01:00:02.140	0.1
FREI	0.81	253.7	PmP	01:00:03.140	-1.6
A107D	0.82	105.4	Pg	01:00:02.670	0.4
HDH	0.87	66.3	Pg	01:00:03.020	-0.1
A117A	0.88	24.6	Pg	01:00:03.460	0.0
VOGT	0.91	260.3	Pg	01:00:04.000	0.1
HEIN	0.91	9.5	Pg	01:00:04.240	0.4
HEIN	0.91	9.5	PmP	01:00:05.040	-1.3
UBR	0.93	126.9	Pg	01:00:04.700	0.5
UBR	0.93	126.9	Sg	01:00:17.398	1.2
STAU	0.93	246.9	Pg	01:00:04.170	-0.1
STAU	0.93	246.9	PmP	01:00:05.030	-1.7
NEEW	0.93	320.4	Pg	01:00:05.210	0.9
NEEW	0.93	320.4	Sg	01:00:17.757	1.4
SULZ	0.93	220.4	Pg	01:00:04.400	0.1
SULZ	0.93	220.4	Sg	01:00:16.996	0.6
BREI	0.97	258.1	Pg	01:00:05.360	0.3
BREI	0.97	258.1	PmP	01:00:06.040	-1.3
BREM	0.98	250.8	Pg	01:00:05.440	0.2
BREM	0.98	250.8	PmP	01:00:06.230	-1.3
ENDD	1.00	238.7	Pg	01:00:06.170	0.6
LIENZ	1.00	160.8	Pg	01:00:06.060	0.4
A115A	1.03	1.6	Pg	01:00:06.090	-0.1

T__	m__	
T__	mc_ ML	3.8
T__	m__	
T__	md_ ML	3.9
T__	m__	
T__	mc_ ML	3.9
T__	m__	
T__	m_e	
T__	m__	
T__	m__ ML	4.0
T__	mc_ ML	3.7
T__	m__	
T__	md_ ML	3.5
T__	m__	
T__	md_ ML	4.0
T__	m__	
T__	m__	
T__	md_ ML	4.1
T__	m__	
T__	m__	
T__	m__ ML	3.7
T__	md_ ML	4.0
T__	m__	
T__	m_e	
T__	m__	
T__	mc_ ML	4.1
T__	m__	
T__	mc_ ML	4.1
T__	m__	
T__	md_ ML	3.8
T__	mc_ ML	4.1
T__	m__ ML	4.1
T__	m__	
T__	mc_ ML	4.3
T__	mc_ ML	3.9
T__	m__ ML	4.2
T__	mc_ ML	4.0
T__	m__ ML	4.3
T__	m__	
T__	md_ ML	4.1
T__	m_e	
T__	m__ ML	3.9
T__	m__	
T__	md_ ML	3.6
T__	m_e	
T__	mc_ ML	4.0
T__	m_e	
T__	m__ ML	3.9
T__	m__	
T__	mc_ ML	3.9
T__	m__	
T__	m__	
T__	md_ ML	4.3
T__	m__	

ROTT	1.05	327.7	Pn	01:00:06.860	-0.8	---	m__ ML	3.5
HOHE	1.09	293.0	Pn	01:00:06.910	-1.3	---	m__	
LDE	1.10	328.8	Pg	01:00:08.520	1.1	---	m__ ML	3.7
LOES	1.10	235.2	Pn	01:00:06.500	-1.8	---	m__ ML	3.6
LDO	1.11	330.6	Pg	01:00:08.710	1.0	---	m__ ML	3.7
WLS	1.11	279.4	Pn	01:00:07.020	-1.4	---	mc_ ML	4.0
WLS	1.11	279.4	Pg	01:00:08.120	0.4	---	m__	
DAVA	1.12	148.1	Pg	01:00:08.260	0.4	---	md_ ML	4.0
WOER	1.14	46.5	Pn	01:00:07.360	-1.4	---	m__ ML	3.8
WOER	1.14	46.5	Pg	01:00:08.320	0.2	---	m__	
LEMB	1.14	314.3	Pg	01:00:08.287	-0.0	---	m_e	
LEMB	1.14	314.3	Sg	01:00:23.629	0.5	---	m_e	
WEIL	1.14	236.0	Pg	01:00:08.550	0.2	---	m__ ML	3.7
NORI	1.17	65.3	Pg	01:00:08.269	-0.6	---	m_e ML	4.0
NORI	1.17	65.3	Sg	01:00:25.122	1.1	---	m_e	
SIND	1.17	19.4	Pn	01:00:07.620	-1.7	---	md_ ML	4.0
SIND	1.17	19.4	Pg	01:00:09.260	0.4	---	m__	
SIND	1.17	19.4	Sg	01:00:23.500	-0.6	11.1	m__	
HEID	1.18	349.8	Pn	01:00:08.460	-0.9	---	m__ ML	3.4
HEID	1.18	349.8	Pg	01:00:09.640	0.7	---	m__	
PEB	1.19	314.5	Pn	01:00:08.450	-1.0	---	md_ ML	4.3
A128A	1.19	347.0	Pn	01:00:09.100	-0.3	---	m__ ML	3.8
WALT	1.19	257.2	Pn	01:00:07.910	-1.6	---	mc_ ML	4.2
WALT	1.19	257.2	Pg	01:00:09.560	0.4	---	m__	
WALT	1.19	257.2	Sg	01:00:25.720	1.2	---	m__	
OBER	1.20	133.6	Pg	01:00:09.810	0.4	---	m__ ML	3.8
OBER	1.20	133.6	Sg	01:00:26.183	1.3	---	m_e	
PLONS	1.22	168.0	Pg	01:00:10.072	0.3	---	m_e ML	3.3
PLONS	1.22	168.0	Sg	01:00:25.907	0.4	---	m_e	
ECH	1.23	269.5	Pn	01:00:08.580	-1.5	---	mc_ ML	4.3
ECH	1.23	269.5	Pg	01:00:10.121	0.1	---	m_e	
BALST	1.26	224.7	Pn	01:00:08.940	-1.5	---	mc_ ML	4.1
BALST	1.26	224.7	Pg	01:00:10.940	0.3	---	m__	
BALST	1.26	224.7	Sg	01:00:26.989	0.1	---	m_e	
MANN	1.30	344.2	Pg	01:00:12.000	0.8	---	m__ ML	3.4
ILLF	1.30	245.1	Pn	01:00:09.440	-1.5	---	mc_ ML	4.0
RETA	1.40	122.0	Pn	01:00:12.160	-0.1	---	m__ ML	4.5
WBA	1.42	355.0	Pn	01:00:11.420	-1.1	---	md_ ML	3.5
WBA	1.42	355.0	Sn	01:00:32.000	1.2	2.3	m__	
WBBU	1.42	346.4	Pg	01:00:15.000	1.4	---	m__ ML	3.7
WBBU	1.42	346.4	Sg	01:00:34.800	2.9	2.6	m__	
VOEL	1.44	300.9	Pn	01:00:12.270	-0.6	---	m__ ML	4.1
BOURR	1.46	235.3	Pn	01:00:11.650	-1.5	---	mc_ ML	4.1
FUR	1.51	92.2	Pg	01:00:15.259	-0.0	---	m_e ML	4.3
BE1	1.52	101.8	Pg	01:00:15.507	0.2	---	m_e ML	4.2
BE1	1.52	101.8	Sg	01:00:35.882	1.0	---	m_e	
IMS	1.54	332.1	Pn	01:00:13.120	-1.0	---	m__ ML	3.5
IMS	1.54	332.1	Pg	01:00:15.470	-0.2	---	m__	
IMS	1.54	332.1	Sg	01:00:35.900	0.4	0.4	m__	
ERNH	1.55	353.3	Pn	01:00:13.200	-1.1	---	m__ ML	3.8
ERNH	1.55	353.3	Sg	01:00:35.700	-0.3	3.3	m__	
ZUGS	1.56	121.2	Pg	01:00:16.183	0.0	---	m_e ML	3.2
ZUGS	1.56	121.2	Sg	01:00:37.004	0.7	---	m_e	
PART	1.60	117.0	Pg	01:00:16.956	0.1	---	m_e ML	3.8

PART	1.60	117.0	Sg	01:00:37.580	0.0	---	m_e	
WBB	1.62	352.1	Pn	01:00:14.640	-0.6	---	m__ ML	3.4
WBB	1.62	352.1	Sg	01:00:38.500	0.4	---	m__	1.1
RIED	1.65	346.2	Pn	01:00:15.200	-0.5	---	m__ ML	3.6
RIED	1.65	346.2	Sg	01:00:41.400	2.3	---	m__	1.7
MESS	1.67	354.7	Pn	01:00:14.800	-1.1	---	m__ ML	3.7
MESS	1.67	354.7	Sg	01:00:39.300	-0.4	---	m__	2.5
BODE	1.73	344.7	Pn	01:00:16.300	-0.5	---	m__ ML	3.4
BODE	1.73	344.7	Pg	01:00:19.770	0.4	---	m__	
BODE	1.73	344.7	Sg	01:00:42.800	1.0	---	m__	5.1
DREI	1.79	354.7	Pn	01:00:16.600	-1.0	---	m__ ML	3.7
DREI	1.79	354.7	Sg	01:00:43.700	0.2	---	m__	2.2
GWBO	1.82	338.9	Pn	01:00:17.410	-0.6	---	m__ ML	4.0
GWBO	1.82	338.9	Pg	01:00:21.430	0.4	---	m__	
GWBO	1.82	338.9	Sg	01:00:46.400	1.8	---	m__	4.1
GRC1	1.82	64.6	Pn	01:00:17.090	-1.0	---	m__ ML	3.8
GRC1	1.82	64.6	Pg	01:00:20.880	-0.3	---	m__	
CHMF	1.87	238.8	Pn	01:00:17.090	-1.6	---	mc_ ML	3.7
CHMF	1.87	238.8	Pg	01:00:21.830	-0.2	---	m__	
DUP	1.87	309.5	Pn	01:00:18.760	0.0	---	m__ ML	3.7
ABH	1.90	330.3	Pn	01:00:18.660	-0.4	---	md_ ML	3.4
ABH	1.90	330.3	Pg	01:00:22.580	0.0	---	m_e	
ABH	1.90	330.3	Sg	01:00:46.806	-0.3	---	m_e	
WBG	1.94	6.4	Pn	01:00:18.600	-1.1	---	m__ ML	4.0
WBG	1.94	6.4	Sg	01:00:48.200	-0.2	---	m__	2.3
GWBE	1.94	344.1	Pn	01:00:19.010	-0.7	---	m__ ML	3.1
GWBD	2.01	339.3	Pn	01:00:20.030	-0.5	---	m__ ML	3.4
GWBD	2.01	339.3	Sg	01:00:51.700	1.2	---	m__	0.9
TNS	2.01	349.7	Pn	01:00:19.920	-0.7	---	m__ ML	3.5
TNS	2.01	349.7	Sg	01:00:50.209	-0.5	---	m_e	
GRB2	2.03	58.6	Pn	01:00:19.760	-1.2	---	m__ ML	3.9
GRFO	2.05	44.2	Pn	01:00:19.938	-1.2	---	m_e	
GRFO	2.05	44.2	Pg	01:00:25.504	0.1	---	m_e	
GRA1	2.05	44.2	Pn	01:00:19.920	-1.3	---	m__ ML	4.0
GRA1	2.05	44.2	Pg	01:00:25.507	0.1	---	m_e	
GRA1	2.05	44.2	Sg	01:00:51.116	-0.9	---	m_e	
NAST	2.09	339.4	Pn	01:00:21.595	-0.1	---	m_e	
WMG	2.20	309.5	Pg	01:00:28.240	0.1	---	m__ ML	3.5
GWBC	2.20	347.6	Pn	01:00:23.130	-0.1	---	m__ ML	3.2
FACH	2.22	343.0	Pn	01:00:22.780	-0.6	---	m__ ML	3.4
BEUR	2.23	326.2	Pn	01:00:23.710	0.1	---	m__ ML	3.3
WBNH	2.24	9.1	Pn	01:00:22.400	-1.4	---	m__ ML	4.0
WBNH	2.24	9.1	Sn	01:00:57.700	7.4	---	m__	2.8
BGG	2.25	331.6	Pn	01:00:23.952	0.1	---	m_e	
PYRM	2.29	331.3	Pn	01:00:14.120	-10.3	---	m__ ML	3.2
KOE	2.34	339.6	Pn	01:00:25.308	0.3	---	m_e	
DEP18	2.34	335.2	Pn	01:00:25.830	0.8	---	m__	
WLF	2.35	308.3	Pn	01:00:25.620	0.4	---	m__ ML	3.7
WLF	2.35	308.3	Pg	01:00:31.106	-0.0	---	m_e	
WLF	2.35	308.3	Sg	01:01:00.282	-1.2	---	m_e	
OCHT	2.36	333.4	Pn	01:00:25.460	0.2	---	m__ ML	3.3
KW1	2.40	91.5	Sg	01:01:03.520	0.6	---	m_e ML	3.9
HROE	2.41	17.6	Pn	01:00:24.200	-1.9	---	m__ ML	3.8
HROE	2.41	17.6	Pg	01:00:32.302	0.1	---	m_e	

HROE	2.41	17.6	Sg	01:01:02.870	-0.6	---	m_e	
NICK	2.44	333.8	Pn	01:00:26.560	0.1	---	m__ ML	3.3
LAGB	2.46	330.3	Pn	01:00:26.540	-0.1	---	m__ ML	3.3
SPAHL	2.48	13.3	Pn	01:00:25.253	-1.7	---	m_e ML	4.3
SPAHL	2.48	13.3	Pg	01:00:33.975	0.5	---	m_e	
SPAHL	2.48	13.3	Sg	01:01:05.650	0.1	---	m_e	
GWBF	2.49	2.4	Pn	01:00:26.700	-0.4	---	m__ ML	3.8
GWBF	2.49	2.4	Sg	01:01:06.600	0.8	---	m__	1.5
GLOK	2.52	336.6	Pn	01:00:27.430	-0.1	---	m__ ML	3.2
LOH	2.52	321.2	Pn	01:00:27.750	0.2	---	m__	
HILG	2.55	324.3	Pn	01:00:28.039	0.1	---	m_e	
RJOB	2.58	99.9	Pn	01:00:29.810	1.4	---	m_e	
RJOB	2.58	99.9	Pg	01:00:31.462	-4.0	---	m_e	
ROTZ	2.59	52.8	Pn	01:00:27.786	-0.7	---	m_e ML	3.8
ROTZ	2.59	52.8	Pg	01:00:35.635	0.0	---	m_e	
BIW	2.60	343.5	Pn	01:00:28.450	-0.2	---	m__ ML	3.3
CRUX	2.63	25.5	Pn	01:00:27.000	-2.0	---	m__ ML	3.8
CRUX	2.63	25.5	Sg	01:01:08.800	-1.5	---	m__	1.4
WILW	2.63	312.8	Pn	01:00:28.280	-0.7	---	m__ ML	3.5
UBBA	2.66	13.7	Pn	01:00:27.682	-1.7	---	m_e ML	3.7
UBBA	2.66	13.7	Pg	01:00:36.404	-0.4	---	m_e	
UBBA	2.66	13.7	Sg	01:01:10.458	-0.7	---	m_e	
TDN	2.69	330.9	Pn	01:00:29.910	0.1	---	m__	
WET	2.71	69.1	Pn	01:00:30.101	0.0	---	m_e ML	3.8
WET	2.71	69.1	Pg	01:00:37.396	-0.4	---	m_e	
WET	2.71	69.1	Sg	01:01:12.434	-0.4	---	m_e	
VITZ	2.74	14.5	Pn	01:00:28.800	-1.7	---	m__ ML	4.1
VITZ	2.74	14.5	Sg	01:01:12.500	-1.2	---	m__	2.3
STB	2.74	329.9	Pn	01:00:30.571	0.0	---	m_e	
MOX	2.94	34.2	Pn	01:00:31.400	-1.8	---	m__ ML	4.0
MOX	2.94	34.2	Sg	01:01:17.400	-2.8	---	m__	1.8
HOBG	2.95	339.0	Pn	01:00:33.580	0.3	---	m_e	
BNS	2.97	337.1	Pn	01:00:33.985	0.4	---	m_e	
KLL	2.98	324.9	Pn	01:00:33.782	0.1	---	m_e	
KAST	2.99	352.9	Pn	01:00:33.669	-0.2	---	m_e ML	3.5
DREG	3.02	324.4	Pn	01:00:34.481	0.2	---	m_e	
MEM	3.07	321.7	Pn	01:00:35.110	0.2	---	m__ ML	3.5
GEC2	3.16	77.3	Pg	01:00:46.671	0.3	---	m_e ML	3.9
GEC2	3.16	77.3	Sg	01:01:27.443	0.1	---	m_e	
POSS	3.32	20.5	Pn	01:00:36.616	-1.7	---	m_e ML	4.3
GTTG	3.36	10.2	Pn	01:00:37.647	-1.3	---	m_e ML	4.3
LAUG	3.38	337.6	Pn	01:00:39.265	0.1	---	m_e	
BUG	3.39	341.3	Pn	01:00:39.691	0.4	---	m_e ML	3.5
NEUB	3.46	30.0	Pg	01:00:52.632	0.6	---	m_e ML	4.5
NEUB	3.46	30.0	Sg	01:01:35.645	-1.1	---	m_e	
CHRS	3.56	18.4	Pn	01:00:40.130	-1.5	---	m_e ML	4.0
CHRS	3.56	18.4	Pg	01:00:54.983	1.1	---	m_e	
CLZ	3.70	13.2	Pn	01:00:41.862	-1.7	---	m_e ML	4.1
CLZ	3.70	13.2	Pg	01:00:57.322	0.8	---	m_e	
CLL	4.01	38.6	Pn	01:00:46.961	-0.7	---	m_e ML	4.3
ASSE	4.03	14.7	Pn	01:00:46.553	-1.4	---	m_e ML	3.9
LUEB	4.06	357.3	Pn	01:00:48.218	-0.2	---	m_e ML	3.8
BRG	4.14	48.7	Pg	01:01:04.551	-0.3	---	m_e ML	4.1
FLT1	4.33	18.4	Pn	01:00:51.252	-0.8	---	m_e ML	4.0

FLT1 4.33 18.4 Pg 01:01:08.846 0.5

m_e

Event 91104003 Ebingen/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/04	13:31:34.51	0.65	0.76	48.2986	9.0845	5.8	1.9	016	5.0	0.0	13	4	008			m i uk	ZAMG	91104033
2019/11/04	13:31:36.00	0.05	0.38	48.2392	9.0189	1.0	0.8	144	5.0f		78	6	035			m i ke	LDG	91104023
2019/11/04	13:31:36.15	0.36	0.29	48.2490	9.0070	4.4	2.2	149	10.0f		14	9	146	0.37	1.27	m i ke	BGR	91104013
2019/11/04	13:31:35.81	0.03	0.12	48.2400	9.0060	0.4	0.3	114	5.0	2.0	66	35	035	0.01	1.44	m i ke	LED	91104003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.3	4 ZAMG	91104033
ML	2.5	0.3	6 LDG	91104023
ML	1.7	0.3	6 BGR	91104013
ML	1.9	0.2	38 LED	91104003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BHBD	0.01	350.8	Pg	13:31:37.740	1.1					___				m__	
EBIN	0.04	151.6	Pg	13:31:37.100	0.2					T__				mdi ML	1.9
ONST	0.04	353.6	Pg	13:31:37.270	0.3					T__				md_ ML	2.4
ONST	0.04	353.6	Sg	13:31:38.340	0.5					T__				m__	
MSS	0.07	205.7	Pg	13:31:37.760	0.4					T__				mc_ ML	2.0
MSS	0.07	205.7	Sg	13:31:39.160	0.7					T__				m__	
FREU	0.09	92.8	Pg	13:31:37.880	0.2					T__				mci ML	2.2
FREU	0.09	92.8	Sg	13:31:39.370	0.4					T__				m__	
JUNG	0.09	12.1	Pg	13:31:38.030	0.3					T__				mci ML	2.2
JUNG	0.09	12.1	Sg	13:31:39.610	0.5					T__				m__	
BALG	0.11	288.2	Pg	13:31:38.390	0.4					T__				mc_ ML	2.0
BALG	0.11	288.2	Sg	13:31:40.170	0.7					T__				m__	
ERPF	0.15	46.9	Pg	13:31:39.220	0.4					T__				mc_ ML	1.9
ERPF	0.15	46.9	Sg	13:31:41.700	0.8					T__				m__	
MSGN	0.17	11.6	Sg	13:31:42.220	0.8					T__				m__	
GUT	0.18	156.6	Pg	13:31:39.740	0.4					T__				mdi ML	1.8
GUT	0.18	156.6	Sg	13:31:42.550	0.7					T__				m__	
A100A	0.22	346.0	Pg	13:31:40.380	0.3					T__				mdi	
A100A	0.22	346.0	Sg	13:31:43.540	0.6					T__				m__	
ROTE	0.24	248.9	Pg	13:31:40.830	0.4					T__				mci ML	1.5
ROTE	0.24	248.9	Sg	13:31:44.380	0.8					T__				m__	
TUBL	0.29	10.2	Pg	13:31:41.540	0.3					T__				m_ ML	1.9
TUBL	0.29	10.2	Sg	13:31:45.340	0.3					T__				m__	
REUL	0.29	29.7	Pg	13:31:45.940	4.6					___				m__	
ZWI	0.29	86.7	Pg	13:31:41.680	0.3					T__				mci ML	1.8
ZWI	0.29	86.7	Sg	13:31:45.780	0.5					T__				m__	
BUCH	0.31	47.6	Pg	13:31:42.230	0.5					T__				mc_ ML	2.0
BUCH	0.31	47.6	Sg	13:31:46.690	0.9					T__				m__	
EMING	0.36	197.2	Pg	13:31:43.120	0.5					T__				m_ ML	2.2
EMING	0.36	197.2	Sg	13:31:48.140	0.8					T__				m__	
BFO	0.46	281.6	Pg	13:31:44.910	0.4					T__				mci ML	1.8
BFO	0.46	281.6	Sg	13:31:50.902	0.4					___				m_e	
WALHA	0.49	170.8	Pg	13:31:45.600	0.5					T__				md_ ML	1.7
WALHA	0.49	170.8	Sg	13:31:52.660	1.1					T__				m__	

A124A	0.53	320.3	Pg	13:31:46.340	0.5	T__	md_		
A124A	0.53	320.3	Sg	13:31:53.440	0.7	T__	m__		
GALG	0.57	344.8	Pg	13:31:46.830	0.3	T__	md_ ML	1.7	
GALG	0.57	344.8	PmP	13:31:48.930	-1.0	T__	m__		
GALG	0.57	344.8	Sg	13:31:54.310	0.5	T__	m__		
A103D	0.57	140.2	Sg	13:31:55.090	1.1	T__	m__		
SLE	0.58	216.1	Pg	13:31:47.170	0.3	T__	mc_ ML	1.6	
SLE	0.58	216.1	Sg	13:31:55.270	0.8	T__	m__		
SLE	0.58	216.1	SmS	13:31:58.900	-1.2	T__	m__		
DEGG	0.60	51.6	Pg	13:31:47.430	0.4	T__	mc_ ML	1.7	
DEGG	0.60	51.6	Sg	13:31:55.730	0.9	T__	m__		
OPP	0.60	295.6	Sg	13:31:55.200	0.2	___	m__ ML	1.9	
BERGE	0.66	236.7	Pg	13:31:48.700	0.3	T__	mc_ ML	1.9	
BERGE	0.66	236.7	PmP	13:31:50.480	-0.9	T__	m__		
BERGE	0.66	236.7	Sg	13:31:58.456	1.5	___	m_e		
BERGE	0.66	236.7	SmS	13:32:00.700	-1.4	T__	m__		
URBA	0.71	32.5	Sg	13:31:58.740	0.3	___	m__ ML	1.9	
URBA	0.71	32.5	SmS	13:32:01.950	-1.4	T__	m__		
ROMAN	0.71	161.8	Sg	13:31:59.670	1.2	T__	m__ ML	2.0	
BABA	0.72	311.9	Pg	13:31:49.690	0.3	T__	m__ ML	2.1	
BABA	0.72	311.9	PmP	13:31:51.160	-1.1	T__	m__		
BABA	0.72	311.9	Sg	13:31:59.690	0.9	T__	m__		
METMA	0.73	224.0	Pg	13:31:49.790	0.2	T__	m__ ML	2.0	
METMA	0.73	224.0	PmP	13:31:51.390	-1.0	T__	m__		
METMA	0.73	224.0	SmS	13:32:02.350	-1.5	T__	m__		
KIZ	0.78	249.1	Pg	13:31:50.760	0.2	T__	mc_ ML	2.4	
KIZ	0.78	249.1	PmP	13:31:51.790	-1.4	T__	m__		
BRET	0.80	345.0	Pg	13:31:51.420	0.5	T__	md_ ML	1.6	
BRET	0.80	345.0	Sg	13:32:04.070	2.8	___	m__		
UBR	0.93	126.7	Pg	13:31:54.040	0.8	T__	m__ ML	1.9	
UBR	0.93	126.7	Sg	13:32:08.020	2.8	___	m__		
SULZ	0.93	220.4	Sg	13:32:06.247	0.9	___	m_e		
ENDD	1.00	238.7	Pn	13:31:54.600	-1.2	T__	mc_ ML	2.0	
ENDD	1.00	238.7	Pg	13:31:55.400	0.8	T__	m__		
ENDD	1.00	238.7	Sn	13:32:08.490	-1.4	T__	m__		
WLS	1.11	279.5	Sg	13:32:11.280	0.1	___	m__ ML	2.1	
NORI	1.18	65.3	Pg	13:31:58.387	0.4	___	m_e ML	1.9	
NORI	1.18	65.3	Sg	13:32:13.755	0.6	___	m_e		
SIND	1.18	19.4	Sg	13:32:13.790	0.6	___	m__ ML	2.1	
PEB	1.19	314.6	Sg	13:32:14.840	1.3	T__	m__ ML	2.1	
BALST	1.26	224.7	Sg	13:32:16.720	0.8	___	m_e		
ILLF	1.30	245.2	Pg	13:32:00.550	0.3	T__	m__ ML	1.8	
WBA	1.42	355.1	Sg	13:32:21.300	0.4	___	m__ ML	1.9	
VOEL	1.44	301.0	Sg	13:32:22.280	0.6	___	m__ ML	1.9	

Event 91105001 Switzerland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/05	00:54:21.70	0.05	0.75	46.3030	7.3963	0.9	0.8	090	5.0f		278	39	016			m i ke	LDG	91105011
2019/11/05	00:54:23.23	0.51	1.14	46.3600	7.3610	10.0	6.7	133	10.0f		26	16	284	1.00	4.21	m i ke	BGR	91105001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.5	0.3	49 LDG	91105011
ML	3.4	0.4	12 BGR	91105001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	1.00	13.1	Pn	00:54:41.260	-1.4					T__				m_e	ML 3.2
BALST	1.00	13.1	Pg	00:54:42.186	-0.0					T__				m_e	
BALST	1.00	13.1	Sg	00:54:56.822	1.6					T__				m_e	
SULZ	1.28	23.4	Pn	00:54:45.674	-0.7					T__				m_e	ML 3.8
SULZ	1.28	23.4	Sg	00:55:04.681	0.8					T__				m_e	
METMA	1.48	23.9	Pn	00:54:50.358	1.1					T__				m_e	ML 3.0
METMA	1.48	23.9	Sg	00:55:10.264	-0.1					T__				m_e	
PLONS	1.55	62.8	Pn	00:54:50.725	0.6					T__				m_e	ML 3.0
SLE	1.60	28.3	Pn	00:54:52.503	1.6					T__				m_e	ML 4.1
BERGE	1.61	19.9	Pn	00:54:49.818	-1.1					T__				m_e	ML 3.1
BERGE	1.61	19.9	Pg	00:54:52.414	-1.2					T__				m_e	
WALHA	1.84	40.1	Pn	00:54:56.957	2.9					T__				m_e	ML 3.7
WALHA	1.84	40.1	Sg	00:55:21.698	-0.0					T__				m_e	
BFO	2.08	18.1	Pn	00:54:55.837	-1.4					T__				m_e	ML 3.0
BFO	2.08	18.1	Sg	00:55:27.838	-1.4					T__				m_e	
UBR	2.29	53.8	Pn	00:55:00.487	0.3					T__				m_e	ML 3.6
UBR	2.29	53.8	Pg	00:55:05.834	-0.6					T__				m_e	
UBR	2.29	53.8	Sg	00:55:36.535	0.5					T__				m_e	
STU	2.71	26.5	Pn	00:55:03.981	-1.9					T__				m_e	ML 3.4
STU	2.71	26.5	Sg	00:55:50.143	0.8					T__				m_e	
ROTT	2.82	10.5	Pn	00:55:06.472	-0.9					T__				m_e	
FUR	3.21	54.4	Sg	00:56:04.552	-0.7					T__				m_e	ML 3.8
WLF	3.40	346.7	Pn	00:55:16.239	1.0					T__				m_e	ML 3.5
ABH	3.52	2.0	Pn	00:55:16.870	-0.0					T__				m_e	
TNS	3.93	10.2	Pn	00:55:21.582	-0.8					T__				m_e	
GRFO	4.21	36.4	Sg	00:56:36.352	-0.7					T__				m_e	

Event 91105003 Switzerland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/05	03:36:50.70	0.05	0.76	46.2892	7.4092	1.0	0.9	105	5.0f		267	39	020			m i ke	LDG	91105013
2019/11/05	03:36:50.98	0.51	0.70	46.3270	7.3430	6.7	4.4	124	10.0f		31	15	300	1.04	3.96	m i ke	BGR	91105003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.5	0.3	48 LDG	91105013
ML	3.4	0.4	11 BGR	91105003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	1.04	13.3	Pn	03:37:10.182	-0.8					T__				m_e	ML 3.2
BALST	1.04	13.3	Pg	03:37:11.132	0.5					T__				m_e	
BALST	1.04	13.3	Sg	03:37:26.174	2.1					T__				m_e	
SULZ	1.31	23.3	Pn	03:37:14.680	0.0					T__				m_e	ML 3.9
SULZ	1.31	23.3	Pg	03:37:16.054	0.3					T__				m_e	
SULZ	1.31	23.3	Sg	03:37:33.443	0.7					T__				m_e	
METMA	1.52	23.8	Pn	03:37:17.013	-0.4					T__				m_e	ML 2.9
METMA	1.52	23.8	Pg	03:37:19.393	-0.2					T__				m_e	

METMA	1.52	23.8	Sg	03:37:39.120	-0.2	T__	m_e												
PLONS	1.57	61.9	Pn	03:37:19.515	1.3	T__	m_e												
PLONS	1.57	61.9	Pg	03:37:20.722	0.0	T__	m_e												
SLE	1.64	28.2	Pn	03:37:18.683	-0.4	T__	m_e	ML	4.0										
SLE	1.64	28.2	Pg	03:37:21.407	-0.5	T__	m_e												
SLE	1.64	28.2	Sg	03:37:43.003	-0.1	T__	m_e												
BERGE	1.65	19.9	Pn	03:37:18.519	-0.7	T__	m_e	ML	3.0										
BERGE	1.65	19.9	Pg	03:37:21.566	-0.5	T__	m_e												
BERGE	1.65	19.9	Sg	03:37:43.046	-0.3	T__	m_e												
WALHA	1.87	39.7	Pn	03:37:22.235	-0.0	T__	m_e	ML	3.7										
WALHA	1.87	39.7	Sg	03:37:50.842	0.3	T__	m_e												
EMING	1.87	32.6	Pn	03:37:21.962	-0.3	T__	m_e	ML	2.9										
EMING	1.87	32.6	Pg	03:37:25.678	-0.6	T__	m_e												
EMING	1.87	32.6	Sg	03:37:49.638	-0.9	T__	m_e												
BFO	2.11	18.1	Pn	03:37:24.783	-0.7	T__	m_e	ML	2.9										
BFO	2.11	18.1	Sg	03:37:56.710	-1.4	T__	m_e												
UBR	2.32	53.3	Pg	03:37:34.769	0.0	T__	m_e	ML	3.6										
UBR	2.32	53.3	Sg	03:38:05.522	0.7	T__	m_e												
ROTT	2.85	10.6	Pn	03:37:35.383	-0.2	T__	m_e												
FUR	3.24	54.0	Sg	03:38:33.274	-0.7	T__	m_e	ML	3.8										
NORI	3.26	41.6	Pg	03:37:53.408	0.9	T__	m_e	ML	3.8										
ABH	3.56	2.1	Pn	03:37:45.773	0.7	T__	m_e												
TNS	3.96	10.3	Pn	03:37:50.497	-0.1	T__	m_e												

Event 91105004 Ebingen/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/05	05:34:41.10	0.29	0.55	48.2061	9.1547	4.2	2.3	071	10.0f		21	3	239			m i ke	LDG	91105014
2019/11/05	05:34:42.62	0.60	1.14	48.2290	9.0480	8.9	5.6	022	0.0f		10	6	205	0.36	0.94	m i km	BGR	91105004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.2	3 LDG	91105014
ML	1.4	0.2	4 BGR	91105004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
EMING	0.36	202.0	Pg	05:34:48.067	-1.3					T__				m_e	ML 1.5
EMING	0.36	202.0	Sg	05:34:53.365	-0.7					T__				m_e	
WALHA	0.48	173.9	Pg	05:34:50.060	-1.6					T__				m_e	
WALHA	0.48	173.9	Sg	05:34:57.265	-0.6					T__				m_e	
BFO	0.49	282.2	Pg	05:34:51.227	-0.6					T__				m_e	ML 1.0
BFO	0.49	282.2	Sg	05:34:58.652	0.5					T__				m_e	
METMA	0.74	226.2	Sg	05:35:07.955	1.8					T__				m_e	ML 1.4
UBR	0.90	127.3	Pg	05:34:59.535	0.0					T__				m_e	ML 1.7
UBR	0.90	127.3	Sg	05:35:13.043	1.9					T__				m_e	
SULZ	0.94	222.2	Sg	05:35:13.374	0.9					T__				m_e	

Event 91105005 Switzerland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
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2019/11/05 06:00:21.90	0.07	0.93	46.3035	7.3948	1.4	1.2	106	4.0f	187	22	017							m i ke LDG	91105015
2019/11/05 06:00:21.19	0.80	0.61	46.3040	7.2990	8.9	6.7	106	10.0f	17	10	313	1.07	2.36					m i ke BGR	91105005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.2	23 LDG	91105015
ML	2.9	0.4	10 BGR	91105005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	1.07	14.6	Sg	06:00:56.703	1.5					T__				m_e ML	2.9
SULZ	1.35	24.1	Sg	06:01:04.075	0.1					T__				m_e ML	3.5
METMA	1.55	24.4	Pg	06:00:50.534	0.1					T__				m_e ML	2.5
METMA	1.55	24.4	Sg	06:01:10.318	-0.2					T__				m_e	
PLONS	1.61	61.7	Pg	06:00:50.924	-0.7					T__				m_e ML	2.4
SLE	1.67	28.7	Pn	06:00:49.966	0.2					T__				m_e ML	3.5
SLE	1.67	28.7	Pg	06:00:52.658	-0.1					T__				m_e	
SLE	1.67	28.7	Sg	06:01:13.597	-0.8					T__				m_e	
BERGE	1.68	20.6	Pn	06:00:49.984	0.2					T__				m_e ML	2.6
BERGE	1.68	20.6	Pg	06:00:52.788	-0.1					T__				m_e	
EMING	1.91	32.9	Pg	06:00:56.835	-0.4					T__				m_e ML	2.8
WALHA	1.91	40.0	Pg	06:00:57.258	0.0					T__				m_e ML	2.9
WALHA	1.91	40.0	Sg	06:01:22.100	0.2					T__				m_e	
BFO	2.14	18.6	Pn	06:00:56.048	-0.1					T__				m_e ML	2.6
BFO	2.14	18.6	Sg	06:01:28.034	-1.3					T__				m_e	
UBR	2.36	53.3	Pg	06:01:05.855	0.2					T__				m_e ML	3.0
UBR	2.36	53.3	Sg	06:01:37.055	0.9					T__				m_e	

Event 91105006 Switzerland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/05	07:18:43.20	0.05	0.71	46.2918	7.3885	1.0	0.9	102	5.0f	195	24	020				m i ke LDG	91105016	
2019/11/05	07:18:43.28	0.76	0.34	46.3500	7.2530	8.9	5.6	135	10.0f	17	9	313	1.03	2.11		m i ke BGR	91105006	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.3	28 LDG	91105016
ML	2.8	0.4	9 BGR	91105006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	1.03	16.9	Pn	07:19:03.134	-0.0					T__				m_e ML	2.7
SULZ	1.32	26.2	Pn	07:19:07.211	0.2					T__				m_e ML	3.5
SULZ	1.32	26.2	Pg	07:19:08.936	0.8					T__				m_e	
SULZ	1.32	26.2	Sg	07:19:25.735	0.5					T__				m_e	
METMA	1.52	26.2	Pn	07:19:09.822	0.0					T__				m_e ML	2.5
METMA	1.52	26.2	Pg	07:19:12.037	0.0					T__				m_e	
METMA	1.52	26.2	Sg	07:19:31.695	-0.1					T__				m_e	
PLONS	1.62	63.6	Sg	07:19:35.069	0.3					T__				m_e ML	2.4
BERGE	1.65	22.1	Pn	07:19:11.336	-0.2					T__				m_e ML	2.6
BERGE	1.65	22.1	Pg	07:19:14.165	-0.2					T__				m_e	
BERGE	1.65	22.1	Sg	07:19:35.617	-0.1					T__				m_e	
SLE	1.65	30.4	Pg	07:19:14.073	-0.3					T__				m_e ML	3.5
SLE	1.65	30.4	Sg	07:19:35.594	-0.2					T__				m_e	

EMING	1.89	34.5	Pg	07:19:18.295	-0.6					T__				m_e	ML	2.8
EMING	1.89	34.5	Sg	07:19:42.871	-0.4					T__				m_e		
WALHA	1.89	41.6	Sg	07:19:43.439	-0.1					T__				m_e	ML	3.1
BFO	2.11	19.8	Pn	07:19:17.397	-0.4					T__				m_e	ML	2.5

Event 91105007 Switzerland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/05	07:47:57.90	0.04	0.65	46.3012	7.4014	0.9	0.8	090	4.0f		206	23	017			m i ke	LDG	91105017
2019/11/05	07:47:58.24	0.70	0.47	46.3750	7.2590	11.1	5.6	111	10.0f		18	9	313	1.01	2.09	m i ke	BGR	91105007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.3	28 LDG	91105017
ML	2.7	0.4	8 BGR	91105007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BALST	1.01	17.1	Pn	07:48:17.353	-0.4					T__				m_e	ML	2.5
BALST	1.01	17.1	Pg	07:48:18.276	1.0					T__				m_e		
SULZ	1.29	26.5	Pn	07:48:21.805	0.2					T__				m_e	ML	3.2
SULZ	1.29	26.5	Sg	07:48:39.657	0.3					T__				m_e		
METMA	1.50	26.5	Pg	07:48:26.509	-0.0					T__				m_e	ML	2.3
METMA	1.50	26.5	Sg	07:48:46.076	0.1					T__				m_e		
PLONS	1.60	64.4	Pn	07:48:26.815	1.0					T__				m_e	ML	2.3
PLONS	1.60	64.4	Pg	07:48:28.670	0.2					T__				m_e		
BERGE	1.62	22.3	Pn	07:48:25.839	-0.3					T__				m_e	ML	2.4
BERGE	1.62	22.3	Pg	07:48:28.762	-0.1					T__				m_e		
BERGE	1.62	22.3	Sg	07:48:50.139	0.3					T__				m_e		
SLE	1.63	30.7	Pn	07:48:25.806	-0.4					T__				m_e	ML	3.3
SLE	1.63	30.7	Pg	07:48:28.547	-0.4					T__				m_e		
SLE	1.63	30.7	Sg	07:48:49.964	0.0					T__				m_e		
EMING	1.86	34.8	Pg	07:48:32.743	-0.7					T__				m_e	ML	2.7
EMING	1.86	34.8	Sg	07:48:56.969	-0.6					T__				m_e		
WALHA	1.87	42.0	Pg	07:48:33.137	-0.4					T__				m_e	ML	2.9
BFO	2.09	20.0	Pn	07:48:31.948	-0.4					T__				m_e		

Event 91105011 Switzerland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/05	19:51:14.50	0.05	0.92	46.2992	7.3869	1.1	1.0	103	5.0f		284	38	021			m i ke	LDG	91105021
2019/11/05	19:51:15.93	0.54	0.81	46.3970	7.2870	6.7	5.6	108	10.0f		25	14	303	0.98	4.97	m i ke	BGR	91105011

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.6	0.2	4 LDG	91105021
ML	3.3	0.4	47 LDG	91105021
ML	3.2	0.5	9 BGR	91105011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BALST	0.98	16.4	Pn	19:51:34.004	-1.1					T__				m_e	ML	3.3

BALST	0.98	16.4	Pg	19:51:35.187	0.7	T__	m_e												
BALST	0.98	16.4	Sg	19:51:48.266	1.1	T__	m_e												
SULZ	1.26	26.2	Pn	19:51:38.468	-0.5	T__	m_e ML	3.8											
SULZ	1.26	26.2	Pg	19:51:39.692	-0.1	T__	m_e												
SULZ	1.26	26.2	Sg	19:51:57.580	1.4	T__	m_e												
PLONS	1.58	64.8	Pn	19:51:43.445	0.3	T__	m_e ML	2.7											
PLONS	1.58	64.8	Pg	19:51:45.372	-0.3	T__	m_e												
PLONS	1.58	64.8	Sg	19:52:04.846	-1.3	T__	m_e												
SLE	1.60	30.5	Pn	19:51:42.466	-1.0	T__	m_e ML	4.0											
SLE	1.60	30.5	Pg	19:51:45.303	-0.8	T__	m_e												
SLE	1.60	30.5	Sg	19:52:06.845	0.1	T__	m_e												
BFO	2.06	19.7	Pn	19:51:48.545	-1.2	T__	m_e ML	2.8											
BFO	2.06	19.7	Pg	19:51:54.407	-0.3	T__	m_e												
BFO	2.06	19.7	Sg	19:52:20.190	-1.2	T__	m_e												
UBR	2.31	55.2	Sg	19:52:29.352	-0.1	T__	m_e ML	3.4											
ZUGS	2.72	66.7	Pn	19:52:00.009	1.3	T__	m_e ML	2.4											
ZUGS	2.72	66.7	Sg	19:52:42.138	-0.2	T__	m_e												
BE1	3.07	59.1	Pn	19:52:03.850	0.4	T__	m_e ML	3.3											
NORI	3.24	42.9	Sg	19:52:59.344	0.6	T__	m_e ML	3.6											
TNS	3.90	11.0	Pn	19:52:14.231	-0.5	T__	m_e												
RJOB	3.98	68.3	Pn	19:52:16.652	0.8	T__	m_e												
KW1	3.99	62.5	Pn	19:52:17.135	1.2	T__	m_e												
WET	4.65	51.8	Pn	19:52:24.508	-0.4	T__	m_e												
GEC2	4.97	58.1	Pn	19:52:29.103	-0.1	T__	m_e												

Event 91106003 Ebingen/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/06	10:08:51.30	0.05	0.38	48.2292	9.0222	1.0	0.8	139	4.0f		77	4	073			m i ke	LDG	91106023
2019/11/06	10:08:50.62	0.91	0.61	48.2720	9.0550	8.9	4.4	051	10.0f		13	7	258	0.40	1.31	m i ke	BGR	91106013
2019/11/06	10:08:51.27	0.03	0.12	48.2350	9.0080	0.4	0.3	118	4.0	2.0	56	29	060	0.01	1.26	m i ke	LED	91106003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.2	5 LDG	91106023
ML	1.9	0.3	7 BGR	91106013
ML	2.0	0.1	36 LED	91106003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BHBD	0.01	348.5	Pg	10:08:52.260	0.3					T__				mc_ ML	2.0
BHBD	0.01	348.5	Sg	10:08:53.110	0.6					T__				m__	
EBIN	0.03	149.4	Pg	10:08:52.380	0.2					T__				md_ ML	2.2
EBIN	0.03	149.4	Sg	10:08:53.310	0.5					T__				m__	
ONST	0.05	352.7	Pg	10:08:52.660	0.2					T__				md_	
ONST	0.05	352.7	Sg	10:08:53.780	0.6					T__				m__	
MSS	0.06	208.7	Pg	10:08:53.000	0.3					T__				mc_ ML	2.3
MSS	0.06	208.7	Sg	10:08:54.290	0.7					T__				m__	
FREU	0.09	89.5	Pg	10:08:53.220	0.2					T__				mci ML	2.3
FREU	0.09	89.5	Sg	10:08:54.750	0.5					T__				m__	
JUNG	0.10	10.7	Pg	10:08:53.450	0.2					T__				m__ ML	2.2
JUNG	0.10	10.7	Sg	10:08:55.090	0.5					T__				m__	
BALG	0.11	290.5	Pg	10:08:53.700	0.3					T__				mc_ ML	2.1

BALG	0.11	290.5	Sg	10:08:55.480	0.5	T__	m__	
ERPF	0.16	45.2	Pg	10:08:54.630	0.3	T__	mc_ ML	2.0
ERPF	0.16	45.2	Sg	10:08:57.190	0.8	T__	m__	
MSGN	0.18	10.9	Pg	10:08:54.970	0.3	T__	mc_	
MSGN	0.18	10.9	Sg	10:08:57.710	0.7	T__	m__	
GUT	0.18	156.4	Pg	10:08:54.990	0.3	T__	mdi ML	2.1
GUT	0.18	156.4	Sg	10:08:57.740	0.7	T__	m__	
A100A	0.22	346.0	Pg	10:08:55.800	0.2	T__	md_	
A100A	0.22	346.0	Sg	10:08:59.010	0.5	T__	m__	
ROTE	0.24	250.1	Pg	10:08:56.090	0.3	T__	mci ML	1.5
ROTE	0.24	250.1	Sg	10:08:59.580	0.6	T__	m__	
TUEB	0.28	7.3	Pg	10:08:56.870	0.3	T__	m_ ML	1.8
TUBL	0.29	9.8	Pg	10:08:56.980	0.2	T__	mc_ ML	2.0
TUBL	0.29	9.8	Sg	10:09:00.900	0.3	T__	m__	
ZWI	0.29	85.7	Pg	10:08:57.050	0.2	T__	mc_ ML	1.9
REUL	0.30	29.0	Pg	10:08:57.230	0.3	T__	mc_	
REUL	0.30	29.0	Sg	10:09:01.410	0.7	T__	m__	
BUCH	0.31	46.8	Pg	10:08:57.660	0.4	T__	mc_ ML	2.2
BUCH	0.31	46.8	Sg	10:09:02.180	0.9	T__	m__	
EMING	0.36	197.7	Pg	10:08:58.380	0.4	T__	mc_ ML	2.3
EMING	0.36	197.7	Sg	10:09:03.310	0.7	T__	m__	
SAUL	0.40	123.5	Sg	10:09:05.120	1.0	___	m__	
A104C	0.45	103.8	Sg	10:09:06.530	1.1	___	m__	
BFO	0.46	282.1	Pg	10:09:00.230	0.2	T__	mci ML	2.0
BFO	0.46	282.1	Sg	10:09:06.193	0.2	___	m_e	
WALHA	0.49	170.9	Pg	10:09:00.850	0.4	T__	md_ ML	1.8
WALHA	0.49	170.9	Sg	10:09:07.790	1.0	___	m__	
A124A	0.53	320.5	Pg	10:09:01.720	0.4	T__	md_	
A124A	0.53	320.5	Sg	10:09:08.820	0.5	T__	m__	
STU	0.55	12.9	PmP	10:09:04.060	-1.3	T__	m__	
STU	0.55	12.9	SmS	10:09:12.960	-2.0	T__	m__	
A108A	0.56	78.1	Sg	10:09:09.960	0.9	___	m__	
A103D	0.57	139.9	Sg	10:09:10.340	1.1	___	m__	
GALG	0.57	344.8	Pg	10:09:02.230	0.2	T__	md_ ML	1.7
GALG	0.57	344.8	PmP	10:09:04.310	-1.3	T__	m__	
GALG	0.57	344.8	Sg	10:09:09.810	0.4	T__	m__	
SLE	0.58	216.5	Pg	10:09:02.400	0.1	T__	mc_ ML	1.8
SLE	0.58	216.5	PmP	10:09:04.610	-1.2	T__	m__	
SLE	0.58	216.5	Sg	10:09:10.165	0.4	___	m_e	
DEGG	0.60	51.2	Pg	10:09:02.830	0.3	T__	mc_ ML	1.9
DEGG	0.60	51.2	Sg	10:09:11.210	0.9	T__	m__	
OPP	0.61	296.0	Pg	10:09:02.940	0.2	T__	m_ ML	2.1
OPP	0.61	296.0	Sg	10:09:10.590	0.1	T__	m__	
BERGE	0.66	237.1	Pg	10:09:03.950	0.2	T__	mc_ ML	2.0
BERGE	0.66	237.1	PmP	10:09:05.750	-1.2	T__	m__	
BERGE	0.66	237.1	SmS	10:09:15.990	-1.7	T__	m__	
TETT	0.70	144.6	Sg	10:09:14.910	1.3	___	m__	
ROMAN	0.71	161.7	Sg	10:09:14.820	1.1	___	m_ ML	2.1
ROMAN	0.71	161.7	SmS	10:09:17.750	-1.1	T__	m__	
URBA	0.71	32.2	Pg	10:09:05.550	0.8	___	m_ ML	2.1
URBA	0.71	32.2	PmP	10:09:06.520	-1.2	T__	m__	
URBA	0.71	32.2	Sg	10:09:14.180	0.2	T__	m__	
URBA	0.71	32.2	SmS	10:09:17.460	-1.6	T__	m__	
BABA	0.73	312.1	Pg	10:09:05.110	0.1	___	m_ ML	2.2

BABA	0.73	312.1	PmP	10:09:06.530	-1.4	---	m_												
METMA	0.73	224.3	Pg	10:09:05.020	0.0	---	m_	ML	2.1										
METMA	0.73	224.3	PmP	10:09:06.630	-1.3	---	m_												
METMA	0.73	224.3	SmS	10:09:17.350	-2.0	---	m_												
FELD	0.76	242.2	Pg	10:09:05.750	0.1	---	m_	ML	2.0										
KIZ	0.78	249.4	Pg	10:09:06.020	0.0	---	mc_	ML	2.0										
KIZ	0.78	249.4	PmP	10:09:07.040	-1.7	---	m_												
BRET	0.81	345.0	Pg	10:09:06.830	0.3	---	mdi	ML	1.9										
HDH	0.87	65.9	Sn	10:09:20.510	-2.0	---	m_	ML	2.0										
VOGT	0.91	260.7	Pg	10:09:08.590	0.2	---	m_	ML	1.9										
VOGT	0.91	260.7	Sg	10:09:21.550	1.5	---	m_												
SULZ	0.93	220.7	Pn	10:09:08.930	-1.5	---	m_	ML	1.9										
SULZ	0.93	220.7	Pg	10:09:09.200	0.4	---	m_												
LIENZ	0.99	160.6	Pg	10:09:11.340	1.3	---	m_	ML	2.3										
ENDD	1.00	239.0	Pn	10:09:09.860	-1.5	---	mc_	ML	2.1										
ENDD	1.00	239.0	Pg	10:09:10.630	0.6	---	m_												
ENDD	1.00	239.0	Sn	10:09:23.450	-2.0	---	m_												
WOER	1.14	46.3	Sg	10:09:28.000	0.5	---	m_	ML	2.2										
SIND	1.18	19.2	Sg	10:09:29.100	0.3	---	m_	ML	2.3										
BALST	1.26	224.9	Pn	10:09:13.490	-1.5	---	mc_	ML	2.2										
BALST	1.26	224.9	Pg	10:09:15.460	0.4	---	m_												
BALST	1.26	224.9	Sg	10:09:31.929	0.6	---	m_e												

Event 91107006 Switzerland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/07	18:35:38.70	0.05	0.88	46.3140	7.3556	1.0	1.0	083	5.0f		285	39	022			m i ke	LDG	91107016
2019/11/07	18:35:40.16	0.62	0.98	46.3560	7.3090	7.8	7.8	007	10.0f		21	11	305	1.01	4.67	m i ke	BGR	91107006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4	0.3	46 LDG	91107016
ML	3.2	0.5	10 BGR	91107006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	1.01	14.9	Pn	18:35:58.718	-1.1					T_				m_e	ML 3.3
BALST	1.01	14.9	Pg	18:36:00.518	1.1					T_				m_e	
BALST	1.01	14.9	Sg	18:36:14.424	1.9					T_				m_e	
SULZ	1.29	24.8	Pn	18:36:03.268	-0.3					T_				m_e	ML 3.8
SULZ	1.29	24.8	Pg	18:36:04.652	0.0					T_				m_e	
SULZ	1.29	24.8	Sg	18:36:22.425	1.0					T_				m_e	
PLONS	1.58	63.2	Pn	18:36:08.210	0.7					T_				m_e	ML 2.9
PLONS	1.58	63.2	Sg	18:36:31.275	0.8					T_				m_e	
SLE	1.62	29.3	Pn	18:36:07.299	-0.8					T_				m_e	ML 3.9
SLE	1.62	29.3	Pg	18:36:10.086	-0.7					T_				m_e	
SLE	1.62	29.3	Sg	18:36:31.698	-0.2					T_				m_e	
BFO	2.09	18.9	Pn	18:36:13.406	-1.0					T_				m_e	ML 2.9
BFO	2.09	18.9	Pg	18:36:18.942	-0.7					T_				m_e	
BFO	2.09	18.9	Sg	18:36:45.334	-1.3					T_				m_e	
OBER	2.29	61.7	Sg	18:36:52.556	-0.6					T_				m_e	ML 2.6
ZUGS	2.72	65.8	Pn	18:36:24.666	1.7					T_				m_e	ML 2.5
ZUGS	2.72	65.8	Sg	18:37:05.815	-0.9					T_				m_e	

BE1	3.08	58.3	Pn	18:36:28.997	1.2	T__	m_e	ML	3.4
TNS	3.94	10.7	Pn	18:36:39.071	-0.4	T__	m_e		
GRA1	4.24	36.7	Pg	18:36:58.987	-1.1	T__	m_e	ML	3.6
WET	4.67	51.3	Pn	18:36:49.028	-0.3	T__	m_e	ML	3.5

Event 91107008 Besancon/F, Doubs Valley

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/07	21:56:47.40	0.04	0.51	47.3149	6.3748	0.9	0.6	106	5.0f		133	23	045			m i ke	LDG	91107018
2019/11/07	21:56:46.71	0.81		47.3030	6.3240	4.4	4.4	049	9.6	3.4	23	10	295	0.93	2.09	m i ke	BGR	91107008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.5	0.1	2 LDG	91107018
ML	2.6	0.3	24 LDG	91107018
ML	2.1	0.3	9 BGR	91107008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	0.93	87.5	Pg	21:57:04.358	0.0					T__				m_e	ML 2.2
BALST	0.93	87.5	Sg	21:57:16.854	0.5					T__				m_e	
ECH	1.07	31.3	Pg	21:57:06.752	-0.2					T__				m_e	ML 1.8
ECH	1.07	31.3	Sg	21:57:21.017	0.1					T__				m_e	
SULZ	1.23	78.8	Pg	21:57:10.641	0.7					T__				m_e	ML 2.6
SULZ	1.23	78.8	Sg	21:57:26.556	0.6					T__				m_e	
METMA	1.37	71.9	Pn	21:57:10.905	-0.3					T__				m_e	ML 1.9
METMA	1.37	71.9	Pg	21:57:12.775	0.3					T__				m_e	
METMA	1.37	71.9	Sg	21:57:30.240	0.1					T__				m_e	
BERGE	1.37	64.9	Pn	21:57:11.077	-0.2					T__				m_e	ML 1.9
BERGE	1.37	64.9	Pg	21:57:12.828	0.2					T__				m_e	
BERGE	1.37	64.9	Sn	21:57:28.857	0.2					T__				m_e	
BERGE	1.37	64.9	Sg	21:57:30.532	0.1					T__				m_e	
SLE	1.54	71.7	Pn	21:57:13.303	-0.2					T__				m_e	ML 2.9
SLE	1.54	71.7	Pg	21:57:15.717	0.0					T__				m_e	
SLE	1.54	71.7	Sg	21:57:35.093	-0.5					T__				m_e	
BFO	1.69	51.9	Sn	21:57:36.233	0.0					T__				m_e	ML 2.0
BFO	1.69	51.9	Sg	21:57:40.663	0.1					T__				m_e	
EMING	1.80	69.9	Sg	21:57:43.956	-0.0					T__				m_e	ML 2.1
WALHA	1.94	75.6	Pg	21:57:23.252	-0.1					T__				m_e	
WALHA	1.94	75.6	Sg	21:57:48.211	-0.3					T__				m_e	
PLONS	2.09	95.8	Pg	21:57:26.195	0.0					T__				m_e	ML 2.0
PLONS	2.09	95.8	Sg	21:57:53.160	-0.1					T__				m_e	

Event 91108001 Adriatic Sea

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/08	01:26:07.00	0.34	0.96	42.6417	17.6747	8.0	6.3	029	10.0f		110	32	318			m i ke	LDG	91108011
2019/11/08	01:26:04.58	0.59	1.48	42.3120	17.5900	20.0	11.1	054	10.0f		39	25	328	4.73	9.41	m i ke	BGR	91108001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
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ML 4.0 0.3 37 LDG 91108011
 ML 4.5 0.3 23 BGR 91108001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OBKA	4.73	333.7	Pn	01:27:15.176	0.6					T__				m_e	ML 4.7
ARSA	5.15	344.2	Pn	01:27:19.173	-1.1					T__				m_e	ML 3.9
KBA	5.64	329.1	Pn	01:27:27.306	0.4					T__				m_e	ML 4.3
KBA	5.64	329.1	Sn	01:28:27.952	1.2					T__				m_e	
MOA	6.01	338.2	Pn	01:27:32.077	0.1					T__				m_e	ML 4.3
MOA	6.01	338.2	Sn	01:28:40.140	4.6					T__				m_e	
RJOB	6.39	329.7	Pn	01:27:38.665	1.5					T__				m_e	ML 4.3
RJOB	6.39	329.7	Sn	01:28:45.137	0.7					T__				m_e	
WTTA	6.51	321.6	Pn	01:27:39.726	1.0					T__				m_e	ML 4.8
WTTA	6.51	321.6	Sn	01:28:50.006	2.9					T__				m_e	
KW1	6.79	330.6	Pn	01:27:43.752	1.2					T__				m_e	
KW1	6.79	330.6	Sn	01:28:55.025	1.3					T__				m_e	
PART	6.92	320.8	Pn	01:27:46.416	2.2					T__				m_e	ML 4.5
PART	6.92	320.8	Sn	01:28:59.829	3.1					T__				m_e	
ZUGS	6.92	319.7	Pn	01:27:45.384	1.0					T__				m_e	ML 4.1
ZUGS	6.92	319.7	Sn	01:29:01.542	4.6					T__				m_e	
GEC2	7.07	338.8	Pn	01:27:46.894	0.5					T__				m_e	ML 4.2
GEC2	7.07	338.8	Sn	01:29:02.553	2.1					T__				m_e	
BE1	7.17	323.5	Pn	01:27:48.660	0.9					T__				m_e	ML 4.8
FUR	7.34	325.0	Sn	01:29:06.233	-0.6					T__				m_e	ML 4.8
DAVA	7.39	315.0	Pn	01:27:52.814	2.2					T__				m_e	ML 4.7
DAVA	7.39	315.0	Sn	01:29:11.421	3.6					T__				m_e	
PLONS	7.51	311.9	Pn	01:27:54.131	1.8					T__				m_e	ML 4.3
PLONS	7.51	311.9	Sn	01:29:14.239	3.5					T__				m_e	
UBR	7.53	318.0	Pn	01:27:52.506	-0.1					T__				m_e	ML 4.7
WET	7.58	336.0	Pn	01:27:52.945	-0.3					T__				m_e	ML 4.2
WET	7.58	336.0	Sn	01:29:13.911	1.6					T__				m_e	
NORI	8.05	325.1	Pn	01:28:00.162	0.6					T__				m_e	ML 4.6
NORI	8.05	325.1	Sn	01:29:21.471	-1.9					T__				m_e	
WALHA	8.08	315.2	Pn	01:28:00.909	0.9					T__				m_e	ML 4.8
EMING	8.31	315.2	Pn	01:28:03.687	0.5					T__				m_e	ML 4.6
EMING	8.31	315.2	Sn	01:29:28.409	-1.2					T__				m_e	
ROTZ	8.33	335.3	Pn	01:28:03.577	0.1					T__				m_e	ML 4.3
SLE	8.42	313.5	Pn	01:28:05.751	1.1					T__				m_e	ML 5.1
METMA	8.52	312.5	Pn	01:28:07.450	1.5					T__				m_e	ML 4.3
METMA	8.52	312.5	Sn	01:29:33.884	-0.5					T__				m_e	
MANZ	8.56	335.6	Pn	01:28:05.817	-0.7					T__				m_e	ML 4.3
BERGE	8.65	313.2	Pn	01:28:08.174	0.4					T__				m_e	ML 4.4
ECH	9.41	312.4	Pn	01:28:19.395	1.4					T__				m_e	

Event 91111001 France

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/11	10:52:44.85	0.64	0.39	44.4461	4.4941				10.0f		19	12	349	6.03	7.10	m i ke	BNS	91111021
2019/11/11	10:52:46.10	0.04	0.82	44.5377	4.6526	1.0	0.8	020	2.0	0.0	333	41	038			m i ke	LDG	91111011
2019/11/11	10:52:44.29	0.46	1.61	44.4870	4.3930	17.8	7.8	130	10.0f		41	20	314	3.66	7.85	m i ke	BGR	91111001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	5.3		BNS	91111021
MD	4.9	0.2	7 LDG	91111011
ML	5.4	0.3	49 LDG	91111011
ML	5.6	0.3	19 BGR	91111001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	3.66	37.7	Pn	10:53:38.815	-1.0					T__				m_e	ML 5.6
BALST	3.66	37.7	Sg	10:54:37.773	-2.8					T__				m_e	
SULZ	3.99	39.0	Pn	10:53:43.021	-1.3					T__				m_e	ML 6.3
SULZ	3.99	39.0	Pg	10:54:00.803	1.3					T__				m_e	
SULZ	3.99	39.0	Sg	10:54:49.194	-1.9					T__				m_e	
PLONS	4.32	51.9	Pn	10:53:49.780	1.0					T__				m_e	ML 5.1
SLE	4.34	39.4	Pn	10:53:47.321	-1.7					T__				m_e	ML 6.0
SLE	4.34	39.4	Sg	10:54:59.403	-2.7					T__				m_e	
BFO	4.70	33.8	Pn	10:53:51.771	-2.2					T__				m_e	ML 5.3
BFO	4.70	33.8	Pg	10:54:13.239	0.3					T__				m_e	
BFO	4.70	33.8	Sn	10:54:43.496	-1.0					T__				m_e	
BFO	4.70	33.8	Sg	10:55:15.087	1.3					T__				m_e	
UBR	5.09	49.1	Pn	10:53:59.392	0.2					T__				m_e	ML 5.4
UBR	5.09	49.1	Sn	10:54:54.643	1.1					T__				m_e	
UBR	5.09	49.1	Sg	10:55:24.974	-1.0					T__				m_e	
WLF	5.31	12.4	Pn	10:54:04.657	2.4					T__				m_e	ML 5.6
STU	5.40	35.9	Pn	10:54:01.208	-2.2					T__				m_e	ML 5.6
STU	5.40	35.9	Sg	10:55:32.811	-3.1					T__				m_e	
FUR	6.00	49.8	Sn	10:55:15.325	0.3					T__				m_e	ML 5.7
HILG	6.01	14.1	Sn	10:55:20.279	5.2					___		876.3	0.84	m_e	
BGG	6.06	18.2	Pn	10:54:13.829	1.5					___				m_e	
BGG	6.06	18.2	Sn	10:55:21.182	4.9					___		757.5	1.13	m_e	
NAST	6.17	21.1	Sn	10:55:22.611	3.6					___		555.9	0.85	m_e	
KLL	6.29	11.2	Pn	10:54:16.649	1.1					___				m_e	
KLL	6.29	11.2	Sn	10:55:26.202	4.4					___				m_e	
DREG	6.30	10.7	Pn	10:54:16.562	1.0					___				m_e	
DREG	6.30	10.7	Sn	10:55:26.044	4.1					___		527.1	1.01	m_e	
STB	6.33	14.2	Pn	10:54:16.993	1.0					___				m_e	
STB	6.33	14.2	Sn	10:55:26.572	4.0					___		632.3	0.79	m_e	
KOE	6.35	19.6	Pn	10:54:17.256	1.0					___				m_e	
KOE	6.35	19.6	Sn	10:55:27.908	4.7					___		1078.9	0.85	m_e	
TNS	6.36	24.1	Pn	10:54:15.612	-0.8					T__				m_e	ML 5.7
TNS	6.36	24.1	Pg	10:54:44.438	0.3					T__				m_e	
TNS	6.36	24.1	Sg	10:56:07.181	0.9					T__				m_e	
JUE	6.56	11.2	Sn	10:55:33.322	5.1					___		2933.3	0.98	m_e	
RJOB	6.67	57.9	Pn	10:54:21.426	0.9					T__				m_e	
RJOB	6.67	57.9	Sn	10:55:33.209	2.6					T__				m_e	
BNS	6.74	15.1	Sn	10:55:37.940	5.6					___		754.3	0.76	m_e	
RODG	6.76	9.6	Sn	10:55:39.318	6.4					___		1400.9	1.06	m_e	
HOBG	6.79	15.9	Pn	10:54:23.633	1.4					___				m_e	
HOBG	6.79	15.9	Sn	10:55:39.222	5.7					___		827.9	0.65	m_e	
GRA1	6.97	39.3	Pn	10:54:23.175	-1.6					T__				m_e	ML 5.8
GRA1	6.97	39.3	Sg	10:56:27.528	1.7					T__				m_e	
LAUG	7.07	13.0	Pn	10:54:27.427	1.3					___				m_e	
LAUG	7.07	13.0	Sn	10:55:44.837	4.7					___		306.9	1.28	m_e	
BUG	7.21	14.4	Pn	10:54:29.577	1.6					T__				m_e	ML 5.6
KAST	7.24	20.4	Pn	10:54:27.669	-0.6					T__				m_e	ML 5.5

UBBA	7.37	28.8	Pn	10:54:28.313	-1.8	T__	m_e	ML	5.3
UBBA	7.37	28.8	Pg	10:55:05.034	1.9	T__	m_e		
WET	7.44	48.2	Pn	10:54:30.428	-0.6	T__	m_e	ML	5.4
WET	7.44	48.2	Sn	10:55:48.521	-0.2	T__	m_e		
ROTZ	7.49	42.4	Pn	10:54:30.115	-1.6	T__	m_e	ML	5.6
ROTZ	7.49	42.4	Sn	10:55:49.117	-0.7	T__	m_e		
MANZ	7.59	40.8	Pn	10:54:31.804	-1.3	T__	m_e	ML	5.4
MANZ	7.59	40.8	Sn	10:55:50.817	-1.4	T__	m_e		
GEC2	7.72	52.4	Pn	10:54:34.347	-0.6	T__	m_e	ML	5.4
GEC2	7.72	52.4	Sn	10:55:55.694	0.2	T__	m_e		
MOX	7.85	35.7	Pn	10:54:34.141	-2.4	T__	m_e	ML	5.5
MOX	7.85	35.7	Sn	10:55:59.391	1.1	T__	m_e		
MOX	7.85	35.7	Sg	10:56:56.610	3.1	T__	m_e		

Event 91112002 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
2019/11/12	09:53:13.90	0.09	0.63	48.6257	7.7348	2.1	1.5	170	6.0f		53	12	048			m i si	LDG	91112022
2019/11/12	09:53:13.85	0.33	0.62	48.6230	7.7810	3.3	2.2	057	5.0f		19	12	105	0.47	1.82	m i ki	BGR	91112012
2019/11/12	09:53:14.29	0.23	0.29	48.6090	7.7870	2.4	2.2	338	5.0f		36	27	048	0.07	1.43	m i ki	LED	91112002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.4	1	LDG	91112022
ML	2.7	0.2	13 LDG	91112022
ML	2.2	0.4	11 BGR	91112012
ML	2.1	0.2	24 LED	91112002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
A123A	0.07	87.8	Pg	09:53:16.090	0.3					T__				m_i	
A123A	0.07	87.8	Sg	09:53:17.940	1.0					T__				m__	
HOHE	0.21	284.1	Pg	09:53:18.390	0.1					T__				m__	ML 2.0
HOHE	0.21	284.1	Sg	09:53:21.700	0.7					T__				m__	
OPP	0.29	112.8	Pg	09:53:19.760	-0.0					T__				m__	ML 2.3
OPP	0.29	112.8	Sg	09:53:23.670	0.1					T__				m__	
BABA	0.29	67.5	Pg	09:53:19.830	0.0					T__				mc__	ML 1.7
BABA	0.29	67.5	Sg	09:53:23.910	0.3					T__				m__	
WLS	0.35	235.8	Pg	09:53:20.960	0.1					T__				m__	ML 1.9
WLS	0.35	235.8	Sg	09:53:25.890	0.5					T__				m__	
NEEW	0.41	30.9	Pg	09:53:22.280	0.3					T__				m__	ML 1.9
NEEW	0.41	30.9	Sg	09:53:28.400	1.2					T__				m__	
BFO	0.46	127.6	Pg	09:53:22.896	-0.0					___				m_e	ML 1.9
BFO	0.46	127.6	Sg	09:53:28.960	0.1					T__				m__	
PEB	0.46	354.2	Pg	09:53:22.830	-0.2					T__				m__	ML 1.9
A124A	0.47	85.2	Pg	09:53:23.150	-0.0					T__				m__	
A124A	0.47	85.2	Sg	09:53:29.350	0.1					T__				m__	
VOGT	0.53	188.4	Sg	09:53:32.230	0.9					T__				m__	ML 1.8
VOEL	0.57	309.5	Sg	09:53:32.950	0.6					T__				m__	ML 1.8
ECH	0.57	226.9	Pg	09:53:25.185	0.1					___				m_e	ML 1.9
ECH	0.57	226.9	Sg	09:53:32.940	0.4					___				m_e	
FBB	0.61	175.8	SmS	09:53:37.280	-1.9					T__				m__	ML 2.4
KIZ	0.66	172.3	SmS	09:53:38.150	-2.3					T__				m__	ML 2.5

GALG	0.68	74.5	Pg	09:53:27.060	-0.1	T__	m__ ML	2.5
GALG	0.68	74.5	Sg	09:53:35.790	-0.1	T__	m__	
BRET	0.72	55.4	SmS	09:53:40.050	-1.9	T__	m__ ML	2.4
ROTE	0.74	127.5	PmP	09:53:29.610	-1.5	T__	m__ ML	2.5
FELD	0.75	168.8	Pg	09:53:28.790	0.4	T__	m__ ML	2.2
A100A	0.77	101.3	Pg	09:53:29.520	0.7	T__	m__	
A100A	0.77	101.3	SmS	09:53:41.530	-1.8	T__	m__	
BERGE	0.78	160.4	PmP	09:53:29.740	-2.0	T__	m__ ML	2.1
BERGE	0.78	160.4	Sg	09:53:40.034	0.9	---	m_e	
TUBL	0.86	95.3	SmS	09:53:43.650	-2.2	T__	m__ ML	2.3
MSS	0.89	118.5	Sg	09:53:43.010	0.4	T__	m__ ML	2.1
ENDD	0.89	182.1	Pg	09:53:31.620	0.5	T__	m__ ML	2.1
METMA	0.95	160.7	Pg	09:53:32.394	0.2	---	m_e ML	1.9
METMA	0.95	160.7	Sg	09:53:44.615	0.1	---	m_e	
SLE	0.97	150.5	Pg	09:53:32.620	0.1	T__	m__ ML	2.2
SLE	0.97	150.5	Sg	09:53:45.777	0.8	---	m_e	
FREU	0.97	112.1	Sg	09:53:46.210	1.1	T__	m__ ML	2.3
IMS	0.99	4.3	Pg	09:53:33.070	0.1	T__	m__ ML	2.1
EMING	1.00	134.9	Sg	09:53:46.713	0.5	---	m_e	
SULZ	1.10	168.5	PmP	09:53:35.720	-1.3	T__	m__ ML	2.3
SULZ	1.10	168.5	Sg	09:53:48.365	-1.0	---	m_e	
WALHA	1.24	133.4	Sg	09:53:54.820	1.3	T__	m__ ML	2.6
BALST	1.27	182.8	Pg	09:53:38.383	0.1	---	m_e ML	2.2
BALST	1.27	182.8	Sg	09:53:53.305	-1.5	---	m_e	
A103D	1.43	123.9	Sg	09:54:00.490	0.9	---	m__	
WLF	1.50	315.2	Sg	09:54:00.680	-1.4	---	m_e ML	2.1
TNS	1.67	14.7	Sg	09:54:06.587	-0.8	---	m_e ML	2.1
UBR	1.81	120.1	Sg	09:54:11.580	-0.1	---	m_e ML	2.5

Event 91112004 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
2019/11/12	10:28:06.40	0.07	0.41	48.6083	7.7571	1.6	1.0	164	7.0f		58	12	046			m i si	LDG	91112024
2019/11/12	10:28:06.56	0.35	0.18	48.6230	7.7690	4.4	2.2	063	5.0f		15	11	105	0.47	1.82	m i ki	BGR	91112014
2019/11/12	10:28:06.67	0.08	0.16	48.6010	7.7930	1.2	0.7	357	5.0f		27	19	048	0.07	1.00	m i ki	LED	91112004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.3	1	LDG	91112024
ML	2.5	0.2	15 LDG	91112024
ML	2.0	0.3	11 BGR	91112014
ML	1.8	0.2	17 LED	91112004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
A123A	0.07	80.7	Pg	10:28:08.490	0.3					T__				mci	
A123A	0.07	80.7	Sg	10:28:10.330	1.1					T__				m__	
HOHE	0.21	285.9	Pg	10:28:10.780	0.0					T__				m__ ML	1.8
HOHE	0.21	285.9	Sg	10:28:14.090	0.5					T__				m__	
OPP	0.28	111.6	Pg	10:28:12.170	0.1					T__				m__ ML	2.1
OPP	0.28	111.6	Sg	10:28:16.060	0.4					T__				m__	
BABA	0.29	65.8	Pg	10:28:12.230	0.1					T__				mc__ ML	1.5
BABA	0.29	65.8	Sg	10:28:16.160	0.2					T__				m__	

WLS	0.35	237.3	Pg	10:28:13.380	0.1	T__	mc_ ML	1.7
NEEW	0.41	29.9	Sg	10:28:20.820	1.0	T__	m_ ML	1.5
BFO	0.45	127.1	Pg	10:28:15.320	0.2	T__	md_ ML	1.6
BFO	0.45	127.1	Sg	10:28:21.400	0.4	T__	m_	
A124A	0.47	84.2	Pg	10:28:15.520	0.0	T__	mc_	
A124A	0.47	84.2	Sg	10:28:21.750	0.2	T__	m_	
PEB	0.47	353.9	Pg	10:28:15.240	-0.3	T__	m_ ML	1.7
VOGT	0.53	189.0	Sg	10:28:24.510	1.1	T__	m_ ML	1.6
ECH	0.57	227.8	Pg	10:28:17.374	-0.1	---	m_e ML	1.6
VOEL	0.57	309.9	Pg	10:28:17.340	-0.2	T__	m_ ML	1.6
FBB	0.60	176.2	SmS	10:28:29.680	-1.7	T__	m_ ML	2.3
KIZ	0.65	172.6	Sg	10:28:28.060	0.7	T__	m_ ML	2.4
KIZ	0.65	172.6	SmS	10:28:30.540	-2.1	T__	m_	
GALG	0.68	73.8	Pg	10:28:19.480	0.0	T__	mc_ ML	2.2
GALG	0.68	73.8	Sg	10:28:28.200	-0.1	T__	m_	
ROTE	0.74	127.2	PmP	10:28:22.020	-1.4	T__	m_ ML	2.1
BERGE	0.77	160.5	PmP	10:28:22.150	-1.8	T__	m_ ML	1.9
BERGE	0.77	160.5	Sg	10:28:31.908	0.6	---	m_e	
ENDD	0.89	182.4	Pg	10:28:24.030	0.6	T__	m_ ML	1.8
METMA	0.94	160.8	Pg	10:28:24.890	0.5	---	m_e ML	1.8
METMA	0.94	160.8	Sg	10:28:37.192	0.6	---	m_e	
SLE	0.96	150.5	Sg	10:28:38.107	1.0	---	m_e ML	2.4
FREU	0.96	111.8	Sg	10:28:38.470	1.2	T__	m_ ML	2.0
EMING	1.00	134.8	Pg	10:28:25.760	0.3	---	m_e ML	2.1
EMING	1.00	134.8	Sg	10:28:38.958	0.6	---	m_e	
IMS	1.00	4.0	Pg	10:28:25.540	0.1	T__	m_ ML	1.9
WALHA	1.23	133.2	Pg	10:28:30.600	0.8	---	m_e ML	2.2
WALHA	1.23	133.2	Sg	10:28:46.815	1.1	---	m_e	
BALST	1.27	183.0	Sg	10:28:47.505	0.6	---	m_e ML	2.0
WLF	1.51	315.4	Sg	10:28:53.900	-0.8	---	m_e ML	2.1
TNS	1.68	14.5	Sg	10:28:59.195	-0.8	---	m_e ML	2.1
UBR	1.80	119.9	Sg	10:29:04.606	0.8	---	m_e ML	2.3

Event 91112005 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
2019/11/12	11:31:10.90	0.08	0.64	48.5957	7.7317	1.8	1.3	132	6.0f		78	15	048			m i si	LDG	91112025
2019/11/12	11:31:11.47	0.36	0.53	48.6400	7.8440	4.4	2.2	064	5.0f		15	12	108	0.45	1.90	m i ki	BGR	91112015
2019/11/12	11:31:11.28	0.08	0.19	48.6030	7.7860	1.2	0.8	350	5.0f		36	24	048	0.07	1.03	m i ki	LED	91112005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.6	1	LDG	91112025
ML	2.4	0.2	19 LDG	91112025
ML	1.9	0.4	11 BGR	91112015
ML	1.8	0.2	19 LED	91112005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
A123A	0.07	82.9	Pg	11:31:13.120	0.3					T__				mci	
A123A	0.07	82.9	Sg	11:31:14.960	1.0					T__				m_	
OFFE	0.18	135.4	Pg	11:31:15.080	0.3					T__				m_ ML	1.5
OFFE	0.18	135.4	Sg	11:31:18.150	0.9					T__				m_	

HOHE	0.21	285.7	Pg	11:31:15.390	0.1	T__	mc_	ML	1.7
HOHE	0.21	285.7	Sg	11:31:18.680	0.7	T__	m__		
OPP	0.29	111.6	Pg	11:31:16.800	0.1	T__	md_	ML	2.0
OPP	0.29	111.6	Sg	11:31:20.660	0.2	T__	m__		
BABA	0.29	66.5	Pg	11:31:16.840	-0.0	T__	mci	ML	1.4
BABA	0.29	66.5	Sg	11:31:20.980	0.3	T__	m__		
WLS	0.34	236.6	Pg	11:31:17.960	0.1	T__	m__	ML	1.6
WLS	0.34	236.6	Sg	11:31:22.850	0.6	T__	m__		
NEEW	0.41	30.6	Pg	11:31:19.320	0.3	T__	m__	ML	1.5
NEEW	0.41	30.6	Sg	11:31:25.390	1.0	T__	m__		
BFO	0.45	126.9	Pg	11:31:19.940	0.1	T__	md_	ML	1.6
BFO	0.45	126.9	Sg	11:31:26.010	0.3	T__	m__		
PEB	0.47	354.4	Pg	11:31:19.880	-0.2	T__	md_	ML	1.6
PEB	0.47	354.4	Sg	11:31:26.110	-0.0	T__	m__		
A124A	0.47	84.4	Pg	11:31:20.140	-0.0	T__	mc_		
A124A	0.47	84.4	Sg	11:31:26.420	0.1	T__	m__		
VOGT	0.53	188.5	Sg	11:31:29.130	1.0	T__	m__	ML	1.4
ECH	0.57	227.3	Pg	11:31:21.990	-0.0	T__	mc_	ML	2.1
ECH	0.57	227.3	Sg	11:31:32.635	3.3	---	m_e		
VOEL	0.57	310.0	Pg	11:31:22.100	0.1	T__	m__	ML	1.4
VOEL	0.57	310.0	Sg	11:31:29.860	0.5	T__	m__		
ROTT	0.58	24.3	Sg	11:31:31.040	1.4	T__	m__		
KIZ	0.65	172.2	PmP	11:31:25.090	-1.6	T__	m__	ML	2.1
GALG	0.68	74.1	Pg	11:31:24.100	-0.1	T__	m__	ML	2.3
ROTE	0.74	127.1	PmP	11:31:26.620	-1.4	T__	m__	ML	2.2
FELD	0.74	168.6	Pg	11:31:25.640	0.4	T__	m__	ML	1.9
A100A	0.77	100.8	Sg	11:31:36.880	1.1	T__	m__		
BERGE	0.78	160.2	Pg	11:31:26.010	0.1	T__	m__	ML	1.6
BERGE	0.78	160.2	Sg	11:31:37.629	1.6	---	m_e		
ENDD	0.89	182.1	Pg	11:31:28.380	0.3	T__	m__	ML	1.8
METMA	0.94	160.6	Sg	11:31:42.300	1.0	---	m_e	ML	1.7
SLE	0.96	150.3	Pg	11:31:29.610	0.2	T__	m__	ML	1.8
SLE	0.96	150.3	Sg	11:31:42.847	1.0	---	m_e		
IMS	0.99	4.3	Pg	11:31:30.150	0.1	T__	m__	ML	1.9
GUT	1.03	120.6	Pn	11:31:30.700	-1.0	T__	m__	ML	2.1
SULZ	1.10	168.4	Sg	11:31:46.909	0.8	---	m_e	ML	2.6
WALHA	1.23	133.1	Sg	11:31:51.242	0.8	---	m_e	ML	2.2
BALST	1.27	182.8	Sg	11:31:52.277	0.7	---	m_e	ML	2.0
WLF	1.51	315.4	Sg	11:31:58.745	-0.4	---	m_e	ML	1.6
TNS	1.68	14.6	Sg	11:32:03.813	-0.7	---	m_e	ML	1.6
UBR	1.80	119.9	Sg	11:32:08.579	-0.0	---	m_e	ML	2.2
PLONS	1.89	144.8	Sg	11:32:11.159	-0.1	---	m_e		

Event 91112001 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
2019/11/12	13:38:13.60	0.04	0.48	48.6156	7.7595	0.8	0.7	152	6.0f		184	35	032			m i si	LDG	91112031
2019/11/12	13:38:14.14	1.63	0.63	48.5919	7.7800				4.0	4.3	22	15	097	0.02	2.30	m i ke	BNS	91112021
2019/11/12	13:38:13.53	0.22		48.6280	7.7920	2.2	1.1	086	5.0f		39	21	088	0.46	3.90	m i ki	BGR	91112011
2019/11/12	13:38:13.74	0.07	0.16	48.6070	7.7910	0.9	0.6	351	6.0	2.0	47	27	047	0.07	1.03	m i ki	LED	91112001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.7	1	LDG	91112031
ML	3.5	0.4	38 LDG	91112031
ML	2.9		BNS	91112021
ML	3.2	0.4	20 BGR	91112011
ML	3.2	0.2	26 LED	91112001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STR	0.03	225.4	Pg	13:38:15.216	0.3					___				mci	
STR	0.03	225.4	Sg	13:38:16.673	0.9					___				m_e	
A123A	0.07	86.0	Pg	13:38:15.590	0.2					T__				m_i	
A123A	0.07	86.0	Sg	13:38:17.450	1.0					T__				m__	
HOHE	0.21	284.4	Pg	13:38:17.880	0.1					T__				m_i ML	3.1
HOHE	0.21	284.4	Sg	13:38:20.928	0.3					___				m_e	
OPP	0.28	112.6	Pg	13:38:19.280	0.1					T__				m__ ML	3.3
OPP	0.28	112.6	Sg	13:38:23.160	0.2					T__				m__	
BABA	0.29	67.0	Pg	13:38:19.300	0.0					T__				mci ML	2.7
BABA	0.29	67.0	Sg	13:38:23.440	0.4					T__				m__	
WLS	0.35	236.3	Pg	13:38:20.490	0.1					T__				mci ML	2.8
WLS	0.35	236.3	Sg	13:38:25.440	0.5					T__				m__	
CIEL	0.36	308.8	Pg	13:38:20.573	-0.0					___				m_e	
CIEL	0.36	308.8	Sg	13:38:25.721	0.4					___				m_e	
NEEW	0.41	30.5	Pg	13:38:21.760	0.3					T__				mc_ ML	2.7
NEEW	0.41	30.5	Sg	13:38:27.930	1.2					T__				m__	
BFO	0.45	127.6	Pg	13:38:22.450	0.1					T__				md_ ML	3.0
BFO	0.45	127.6	Sg	13:38:28.460	0.3					T__				m__	
PEB	0.46	354.0	Pg	13:38:22.330	-0.2					T__				md_ ML	2.9
A124A	0.47	84.9	Pg	13:38:22.630	0.0					T__				mc_	
A124A	0.47	84.9	Sg	13:38:28.890	0.2					T__				m__	
VOGT	0.53	188.7	Pg	13:38:24.180	0.4					T__				md_ ML	2.9
VOGT	0.53	188.7	Sg	13:38:31.600	0.9					T__				m__	
VOEL	0.57	309.5	Pg	13:38:24.350	-0.1					T__				m__ ML	2.8
VOEL	0.57	309.5	Sg	13:38:32.330	0.4					T__				m__	
ROTT	0.57	24.1	Sg	13:38:33.520	1.5					___				m__ ML	2.9
ECH	0.57	227.3	Pg	13:38:24.498	-0.1					___				m_e ML	2.9
ECH	0.57	227.3	Sg	13:38:32.517	0.5					___				m_e	
FBB	0.61	176.1	Pg	13:38:25.550	0.3					T__				m__ ML	3.4
FBB	0.61	176.1	Sg	13:38:33.780	0.7					T__				m__	
LDE	0.61	21.9	Sg	13:38:35.150	1.8					___				m__	
KIZ	0.66	172.5	Pg	13:38:26.240	0.1					T__				md_ ML	3.6
KIZ	0.66	172.5	Sg	13:38:35.090	0.4					T__				m__	
KIZ	0.66	172.5	SmS	13:38:37.550	-2.1					T__				m__	
GALG	0.68	74.3	Pg	13:38:26.550	0.0					T__				mc_ ML	3.5
GALG	0.68	74.3	Sg	13:38:35.300	-0.0					T__				m__	
GALG	0.68	74.3	SmS	13:38:38.360	-1.9					T__				m__	
BRET	0.72	55.2	PmP	13:38:28.160	-1.9					T__				m__ ML	3.4
BRET	0.72	55.2	SmS	13:38:39.550	-1.7					T__				m__	
WALT	0.73	208.3	Pg	13:38:27.950	0.5					T__				m__ ML	3.3
ROTE	0.74	127.5	PmP	13:38:29.160	-1.3					T__				m__ ML	3.5
FELD	0.74	168.9	Pg	13:38:27.920	0.1					T__				m__ ML	3.2
BERGE	0.78	160.5	Pg	13:38:28.520	0.1					T__				md_ ML	3.1
BERGE	0.78	160.5	Sg	13:38:39.086	0.5					___				m_e	
MSS	0.89	118.4	Pg	13:38:30.760	0.3					T__				m__ ML	3.2
MSS	0.89	118.4	Sg	13:38:42.420	0.4					T__				m__	

ENDD	0.89	182.3	Pg	13:38:30.640	0.0	T__	m__	ML	3.2
ENDD	0.89	182.3	PmP	13:38:31.230	-1.7	T__	m__		
STU	0.94	79.4	Pg	13:38:31.947	0.5	___	m_e	ML	3.1
STU	0.94	79.4	Sg	13:38:43.712	0.1	___	m_e		
METMA	0.95	160.8	Pn	13:38:31.520	-1.4	T__	m__	ML	3.1
METMA	0.95	160.8	Sg	13:38:44.491	0.6	___	m_e		
SLE	0.96	150.6	Pn	13:38:32.000	-1.1	T__	md__	ML	3.2
SLE	0.96	150.6	Sn	13:38:45.450	-1.3	T__	m__		
FREU	0.97	112.1	Pn	13:38:32.190	-1.0	T__	md__	ML	3.3
FREU	0.97	112.1	Sn	13:38:45.610	-1.2	T__	m__		
IMS	0.99	4.1	Pn	13:38:32.060	-1.5	T__	m__	ML	3.1
IMS	0.99	4.1	Sn	13:38:45.090	-2.3	T__	m__		
ILLF	0.99	201.3	Pn	13:38:32.710	-0.8	T__	m__	ML	3.6
GUT	1.03	120.8	Pn	13:38:33.180	-0.9	T__	md__	ML	3.4
SULZ	1.10	168.6	Pn	13:38:34.140	-0.9	___	m_e	ML	3.9
SULZ	1.10	168.6	Pg	13:38:35.089	0.6	___	m_e		
SULZ	1.10	168.6	Sg	13:38:48.536	-0.2	___	m_e		
WALHA	1.23	133.4	Pn	13:38:36.342	-0.5	___	m_e	ML	3.3
WALHA	1.23	133.4	Pg	13:38:37.493	0.5	___	m_e		
WALHA	1.23	133.4	Sg	13:38:52.431	-0.5	___	m_e		
BALST	1.27	182.9	Pn	13:38:36.547	-0.8	___	m_e	ML	3.0
BALST	1.27	182.9	Pg	13:38:37.901	0.2	___	m_e		
BALST	1.27	182.9	Sg	13:38:54.747	0.5	___	m_e		
ABH	1.28	353.0	Pg	13:38:37.517	-0.5	___	m_e		
WLF	1.51	315.2	Pn	13:38:40.726	0.2	___	m_e	ML	2.7
WLF	1.51	315.2	Pg	13:38:41.961	-0.2	___	m_e		
WLF	1.51	315.2	Sg	13:39:00.527	-1.1	___	m_e		
NAST	1.59	1.6	Pn	13:38:43.020	1.4	___	m_e		
NAST	1.59	1.6	Sg	13:39:02.300	-1.9	___	m_e		
BGG	1.63	349.7	Pn	13:38:43.529	1.4	___	m_e		
BGG	1.63	349.7	Sg	13:39:03.800	-1.6	___	m_e		
TNS	1.67	14.6	Pn	13:38:42.133	-0.6	___	m_e	ML	2.9
TNS	1.67	14.6	Pg	13:38:44.571	-0.7	___	m_e		
TNS	1.67	14.6	Sg	13:39:05.400	-1.5	___	m_e		
UBR	1.80	120.1	Pg	13:38:48.591	0.9	___	m_e	ML	3.5
KOE	1.82	358.8	Pg	13:38:47.800	-0.2	___	m_e		
KOE	1.82	358.8	Sg	13:39:09.400	-2.1	___	m_e		
HILG	1.83	337.2	Pg	13:38:48.100	-0.2	___	m_e		
HILG	1.83	337.2	Sg	13:39:10.300	-1.7	___	m_e		
NORI	1.88	85.5	Pg	13:38:49.045	-0.0	___	m_e	ML	3.2
PLONS	1.89	145.0	Pn	13:38:46.235	0.5	___	m_e	ML	2.6
PLONS	1.89	145.0	Pg	13:38:49.917	0.6	___	m_e		
STB	2.08	343.1	Pg	13:38:51.500	-1.5	___	m_e		
DREG	2.29	334.5	Pg	13:38:54.100	-2.8	___	m_e		
DREG	2.29	334.5	Sg	13:39:22.200	-4.3	___	m_e		
BE1	2.39	105.7	Pg	13:38:58.083	-0.7	___	m_e	ML	3.5
BE1	2.39	105.7	Sg	13:39:29.769	0.2	___	m_e		
GRA1	2.49	62.9	Pg	13:38:59.853	-0.9	___	m_e	ML	3.3
GRA1	2.49	62.9	Sg	13:39:32.407	-0.5	___	m_e		
ROTZ	3.11	66.4	Pg	13:39:11.651	-0.7	___	m_e	ML	3.0
KW1	3.23	96.8	Pg	13:39:15.166	0.6	___	m_e	ML	3.7
WET	3.39	79.0	Pg	13:39:16.951	-0.6	___	m_e	ML	3.2
GEC2	3.91	84.3	Pg	13:39:26.900	-0.4	___	m_e	ML	3.5

Event 91112007 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
2019/11/12	14:24:08.90	0.13	0.53	48.5993	7.7694	2.9	1.9	138	6.0f		37	10	125			m i si	LDG	91112027
2019/11/12	14:24:09.86	1.01	0.32	48.6000	7.8120	8.9	3.3	002	5.0f		12	9	251	0.44	1.79	m i ki	BGR	91112017
2019/11/12	14:24:09.22	0.09	0.21	48.6060	7.7850	1.3	1.0	347	5.0f		23	15	048	0.07	0.78	m i ki	LED	91112007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.5	1	LDG	91112027
ML	2.5	0.2	13 LDG	91112027
ML	1.9	0.4	8 BGR	91112017
ML	1.7	0.2	13 LED	91112007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
A123A	0.07	85.4	Pg	14:24:11.060	0.3					T__				mci	
A123A	0.07	85.4	Sg	14:24:12.900	1.0					T__				m__	
HOHE	0.21	285.0	Pg	14:24:13.430	0.2					T__				m__ ML	1.7
OPP	0.29	112.1	Sg	14:24:18.660	0.2					T__				m__ ML	2.0
BABA	0.29	67.1	Pg	14:24:14.800	0.0					T__				mci ML	1.7
BABA	0.29	67.1	Sg	14:24:18.860	0.3					T__				m__	
WLS	0.35	236.1	Pg	14:24:15.920	0.1					T__				mci ML	1.6
NEEW	0.41	30.9	Pg	14:24:17.270	0.3					T__				m__ ML	1.6
NEEW	0.41	30.9	Sg	14:24:23.410	1.1					T__				m__	
BFO	0.45	127.2	Pg	14:24:17.850	0.0					T__				md_ ML	1.6
BFO	0.45	127.2	Sg	14:24:24.050	0.3					T__				m__	
PEB	0.46	354.4	Pg	14:24:17.830	-0.2					T__				md_ ML	1.7
PEB	0.46	354.4	Sg	14:24:24.110	0.1					T__				m__	
A124A	0.47	84.8	Pg	14:24:18.130	0.0					T__				m__	
A124A	0.47	84.8	Sg	14:24:24.360	0.1					T__				m__	
VOGT	0.53	188.3	Sg	14:24:27.030	0.9					T__				m__ ML	1.6
VOEL	0.57	309.8	Pg	14:24:19.890	-0.0					T__				mc_ ML	1.5
ECH	0.57	227.1	Pg	14:24:21.432	1.4					---				m_e ML	1.5
ECH	0.57	227.1	Sg	14:24:27.991	0.6					---				m_e	
KIZ	0.66	172.2	Sg	14:24:30.040	-0.1					T__				m__ ML	2.3
KIZ	0.66	172.2	SmS	14:24:32.970	-2.3					T__				m__	
GALG	0.68	74.3	Pg	14:24:22.050	-0.0					T__				m__ ML	2.3
GALG	0.68	74.3	Sg	14:24:30.780	-0.1					T__				m__	
FELD	0.74	168.6	Pg	14:24:23.750	0.5					T__				m__ ML	2.0
BERGE	0.78	160.2	PmP	14:24:24.690	-1.9					T__				m__ ML	1.9
BERGE	0.78	160.2	Sg	14:24:34.437	0.4					---				m_e	
METMA	0.95	160.6	Sg	14:24:39.779	0.4					---				m_e ML	1.7
SLE	0.96	150.4	Sg	14:24:40.612	0.8					---				m_e ML	2.4
EMING	1.00	134.8	Sg	14:24:41.577	0.5					---				m_e ML	2.0
SULZ	1.10	168.4	Sg	14:24:44.473	0.3					---				m_e ML	2.5
WALHA	1.23	133.2	Sg	14:24:48.302	-0.2					---				m_e ML	1.9
UBR	1.81	120.0	Sg	14:25:06.939	0.4					---				m_e	

Event 91113003 Hamm/Westfalen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/13	06:20:15.86	0.69	0.28	51.6479	7.7720				0.0	3.5	23	13	097	0.38	1.47	m i ki	BNS	91113023
2019/11/13	06:20:16.47	0.33	0.57	51.6380	7.7510	3.3	2.2	125	1.0f		19	14	123	0.36	1.96	m i ki	BGR	91113013
2019/11/13	06:20:15.60	0.22	0.11	51.6450	7.7210				1.0f				23	138		m i ki	GDNRW	91113003

(#PRIME)
(Felt.)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		BNS	91113023
ML	2.3	0.2	12 BGR	91113013
ML	2.2		GDNRW	91113003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HMES	0.01	14.5	Pg	06:20:15.830	-0.1					T__				m_e	
HMES	0.01	14.5	Sg	06:20:16.340	0.2					T__				m_e	
SORT	0.33	152.1	Pg	06:20:22.700	0.8					T__				m_e	
SORT	0.33	152.1	Sg	06:20:27.470	1.3					T__		147.4	0.39	m_e	
BULI	0.34	236.5	Sg	06:20:27.960	1.4					T__				m_e	
BUG	0.35	234.1	Pg	06:20:22.968	0.8					---				m_e	ML 2.3
BUG	0.35	234.1	Sg	06:20:28.929	2.3					---				m_e	
BKLB	0.35	234.0	Pg	06:20:22.850	0.7					T__				m_e	
ENTS	0.45	205.7	Pg	06:20:24.780	0.7					T__				m_e	
ENTS	0.45	205.7	Sg	06:20:31.030	1.2					T__				m_e	
HES	0.51	236.9	Pg	06:20:25.580	0.4					T__				m_e	
HES	0.51	236.9	Sg	06:20:32.850	1.2					T__		108.8	0.41	m_e	
LAUG	0.57	239.0	Pg	06:20:27.100	0.8					---				m_e	
LAUG	0.57	239.0	Sg	06:20:35.482	1.9					---		82.3	0.45	m_e	
KAST	0.62	135.3	Pg	06:20:27.696	0.4					---				m_e	ML 2.0
KAST	0.62	135.3	Sg	06:20:36.232	1.0					---				m_e	
WTSB	0.65	299.8	Pg	06:20:28.714	0.8					---				m_e	
IBBN	0.66	2.0	Pg	06:20:29.076	1.0					---				m_e	ML 2.2
IBBN	0.66	2.0	Sg	06:20:38.289	1.7					---				m_e	
HOBG	0.70	200.2	Pg	06:20:29.616	0.7					---				m_e	
HOBG	0.70	200.2	Sg	06:20:40.760	2.8					---		170.3	0.26	m_e	
BNS	0.76	206.8	Sg	06:20:42.114	2.3					---				m_e	
PLH	0.85	221.7	Pg	06:20:32.230	0.5					T__				m_e	
PLH	0.85	221.7	Sg	06:20:43.780	1.1					T__				m_e	
WBS	0.88	198.3	Pg	06:20:32.810	0.6					T__				m_e	
WBS	0.88	198.3	Sg	06:20:44.470	0.8					T__		61.2	0.39	m_e	
LUEB	0.89	42.4	Pg	06:20:32.690	0.4					---				m_e	ML 2.4
LUEB	0.89	42.4	Sg	06:20:44.894	1.1					---				m_e	
BIW	0.92	175.4	Pg	06:20:33.910	1.0					T__				m_e	
BIW	0.92	175.4	Sg	06:20:45.940	1.2					T__				m_e	
GLOK	1.12	189.4	Pg	06:20:37.140	0.5					T__				m_e	
RWB	1.12	241.6	Pg	06:20:37.260	0.6					T__				m_e	
LOCC	1.16	48.2	Sg	06:20:54.132	1.7					---				m_e	
TDN	1.18	204.8	Pg	06:20:38.280	0.5					T__				m_e	
TDN	1.18	204.8	Sg	06:20:54.080	1.1					T__		156.1	0.28	m_e	
STB	1.19	208.1	Pg	06:20:38.196	0.2					---				m_e	
STB	1.19	208.1	Sg	06:20:54.810	1.5					---		92.6	0.24	m_e	
KOE	1.22	179.7	Pg	06:20:38.827	0.2					---				m_e	
KOE	1.22	179.7	Sg	06:20:55.594	1.2					---		46.0	0.60	m_e	
GSH	1.24	223.3	Pg	06:20:39.470	0.5					T__				m_e	
GSH	1.24	223.3	Sg	06:20:55.810	0.9					T__		58.9	0.38	m_e	

GWBC	1.30	164.4	Pg	06:20:40.510	0.4	T__												m_e	
FACH	1.30	172.3	Pg	06:20:40.150	0.0	T__												m_e	
OCHT	1.33	190.1	Pg	06:20:40.510	-0.1	T__												m_e	
OCHT	1.33	190.1	Sg	06:20:58.360	0.6	T__												m_e	
KLL	1.33	222.1	Pg	06:20:40.539	-0.2	---												m_e	
KLL	1.33	222.1	Sg	06:20:58.847	0.9	---												m_e	
BHE	1.34	195.0	Pg	06:20:41.070	0.3	T__												m_e	
LAGB	1.34	197.1	Pg	06:20:40.900	0.0	T__												m_e	
ACN	1.34	230.3	Sg	06:20:58.880	0.6	T__					55.7	0.15						m_e	
DREG	1.35	224.1	Pn	06:20:40.900	-0.0	---												m_e	
DREG	1.35	224.1	Sg	06:20:59.411	0.8	---					51.1	0.27						m_e	
GTTG	1.40	93.2	Sg	06:21:01.243	1.2	---												m_e	ML 2.6
OLFT	1.41	215.9	Pn	06:20:42.100	0.4	T__												m_e	
OLFT	1.41	215.9	Sg	06:21:00.230	-0.2	T__												m_e	
BGG	1.46	189.7	Pn	06:20:42.200	-0.1	---												m_e	
TNS	1.49	161.9	Pn	06:20:42.717	-0.1	---												m_e	ML 2.2
TNS	1.49	161.9	Pg	06:20:44.154	0.4	---												m_e	
TNS	1.49	161.9	Sg	06:21:04.068	1.0	---												m_e	
LOH	1.64	207.5	Pn	06:20:45.200	0.4	T__												m_e	
LOH	1.64	207.5	Sn	06:21:05.900	0.4	T__					38.3	0.22						m_e	
UBBA	1.65	119.2	Pg	06:20:47.450	0.8	---												m_e	ML 2.0
CLZ	1.65	82.1	Pg	06:20:46.598	-0.2	---												m_e	ML 2.4
SPAHL	1.69	125.0	Pg	06:20:47.661	0.1	---												m_e	ML 2.6
ABH	1.77	183.6	Pn	06:20:46.800	0.3	---												m_e	
ASSE	1.89	74.0	Pg	06:20:51.903	0.8	---												m_e	
HROE	1.89	125.0	Pg	06:20:51.956	0.7	---												m_e	ML 2.3
CHRS	1.92	89.8	Pg	06:20:52.529	0.7	---												m_e	ML 2.2
POSS	1.98	97.8	Pg	06:20:52.586	-0.4	---												m_e	ML 2.7

Event 91113001 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
2019/11/13	22:42:40.40	0.04	0.52	48.6195	7.7444	0.8	0.7	155	6.0f		174	23	027			m i s i	LDG	91113021
2019/11/13	22:42:40.34	0.21		48.6210	7.7770	1.1	1.1	076	5.0f		49	26	089	0.47	2.61	m i k i	BGR	91113011
2019/11/13	22:42:40.55	0.10	0.31	48.6090	7.7910	1.1	1.1	121	6.0	2.0	99	49	047	0.07	1.93	m i k i	LED	91113001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.9	0.0	3 LDG	91113021
ML	2.7	0.4	26 LDG	91113021
ML	2.4	0.3	24 BGR	91113011
ML	2.5	0.2	56 LED	91113001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
A123A	0.07	87.7	Pg	22:42:42.320	0.2					T__				mci	
A123A	0.07	87.7	Sg	22:42:44.150	0.9					T__				m__	
OFFE	0.18	137.5	Pg	22:42:44.350	0.2					T__				md_ ML	2.1
HOHE	0.21	283.9	Pg	22:42:44.640	0.0					T__				mc_ ML	2.3
OPP	0.28	113.0	Pg	22:42:46.000	-0.0					T__				md_ ML	2.4
OPP	0.28	113.0	Sg	22:42:49.880	0.1					T__				m__	
BABA	0.29	67.3	Pg	22:42:46.040	-0.0					T__				mc_ ML	2.0
BABA	0.29	67.3	Sg	22:42:49.990	0.2					T__				m__	

WLS	0.35	236.0	Pg	22:42:47.230	0.0	T__	mc_ ML	2.1
WLS	0.35	236.0	Sg	22:42:52.250	0.5	T__	m__	
NEEW	0.40	30.6	Pg	22:42:48.480	0.3	T__	mc_ ML	2.1
NEEW	0.40	30.6	Sg	22:42:54.580	1.1	T__	m__	
BFO	0.45	127.8	Pg	22:42:49.180	0.0	T__	md_ ML	2.2
BFO	0.45	127.8	Sg	22:42:55.230	0.2	T__	m__	
PEB	0.46	353.9	Pg	22:42:49.060	-0.2	T__	md_ ML	2.1
A124A	0.47	85.1	Pg	22:42:49.350	-0.0	T__	mc_	
A124A	0.47	85.1	Sg	22:42:55.590	0.1	T__	m__	
VOGT	0.53	188.7	Pg	22:42:50.960	0.3	T__	md_ ML	2.1
VOGT	0.53	188.7	Sg	22:42:58.430	0.8	T__	m__	
VOEL	0.57	309.3	Pg	22:42:51.090	-0.2	T__	m__ ML	2.1
VOEL	0.57	309.3	Sg	22:42:59.060	0.4	T__	m__	
ROTT	0.57	24.2	Pg	22:42:51.740	0.4	T__	m__ ML	2.2
ROTT	0.57	24.2	Sg	22:43:00.180	1.4	T__	m__	
ROTT	0.57	24.2	SmS	22:43:03.190	-1.2	T__	m__	
ECH	0.57	227.1	Pg	22:42:51.278	-0.1	___	m_e ML	2.0
FBB	0.61	176.1	Sg	22:43:00.660	0.7	T__	m__ ML	2.7
FBB	0.61	176.1	SmS	22:43:03.340	-1.9	T__	m__	
LDE	0.61	21.9	SmS	22:43:04.540	-0.8	T__	m__ ML	2.5
KIZ	0.66	172.6	Pg	22:42:53.020	0.0	T__	md_ ML	2.9
KIZ	0.66	172.6	SmS	22:43:04.230	-2.3	T__	m__	
GALG	0.68	74.5	Pg	22:42:53.260	-0.1	T__	mc_ ML	2.8
GALG	0.68	74.5	Sg	22:43:02.170	0.1	T__	m__	
GALG	0.68	74.5	SmS	22:43:05.050	-2.0	T__	m__	
BRET	0.72	55.3	Pg	22:42:53.840	-0.2	T__	m__ ML	2.6
BRET	0.72	55.3	PmP	22:42:54.860	-2.0	T__	m__	
WALT	0.73	208.2	Pg	22:42:54.790	0.5	T__	m__ ML	2.4
ROTE	0.74	127.6	Pg	22:42:54.750	0.2	T__	mc_ ML	2.6
ROTE	0.74	127.6	PmP	22:42:55.730	-1.5	T__	m__	
ROTE	0.74	127.6	Sg	22:43:04.220	0.1	T__	m__	
ROTE	0.74	127.6	SmS	22:43:06.820	-1.9	T__	m__	
FELD	0.75	169.0	Pg	22:42:55.090	0.4	T__	md_ ML	2.5
FELD	0.75	169.0	PmP	22:42:55.700	-1.6	T__	m__	
FELD	0.75	169.0	Sg	22:43:05.070	0.8	T__	m__	
A100A	0.77	101.3	Pg	22:42:55.150	0.1	T__	m__	
A100A	0.77	101.3	Sg	22:43:05.830	0.8	T__	m__	
BERGE	0.78	160.6	Pg	22:42:55.310	0.0	T__	m__ ML	2.5
BERGE	0.78	160.6	PmP	22:42:55.970	-1.9	T__	m__	
BERGE	0.78	160.6	Sg	22:43:05.829	0.4	___	m_e	
TUBL	0.86	95.3	Sg	22:43:08.010	0.1	T__	m__ ML	2.5
MSS	0.89	118.6	Pg	22:42:57.690	0.4	T__	m__ ML	2.9
MSS	0.89	118.6	PmP	22:42:58.150	-1.5	T__	m__	
MSS	0.89	118.6	Sg	22:43:09.260	0.4	T__	m__	
ENDD	0.89	182.3	Pg	22:42:57.520	0.1	T__	m__ ML	2.4
ENDD	0.89	182.3	PmP	22:42:57.920	-1.8	T__	m__	
STU	0.94	79.6	Pg	22:42:58.720	0.4	T__	m__ ML	2.4
STU	0.94	79.6	Sg	22:43:11.380	0.9	T__	m__	
METMA	0.95	160.9	Pg	22:42:58.590	0.1	T__	m__ ML	2.5
METMA	0.95	160.9	PmP	22:42:58.910	-1.7	T__	m__	
METMA	0.95	160.9	Sg	22:43:11.219	0.5	___	m_e	
SLE	0.96	150.7	Pg	22:42:58.760	0.0	T__	m__ ML	2.3
SLE	0.96	150.7	PmP	22:42:59.310	-1.6	T__	m__	
SLE	0.96	150.7	Sg	22:43:12.100	0.9	___	m_e	

FREU	0.97	112.2	Pn	22:42:58.990	-1.0	T__	m__ ML	2.5
FREU	0.97	112.2	PmP	22:42:59.510	-1.4	T__	m__	
FREU	0.97	112.2	Sg	22:43:12.330	1.0	T__	m__	
IMS	0.99	4.1	Pn	22:42:58.870	-1.4	T__	m__ ML	2.3
IMS	0.99	4.1	Pg	22:42:59.360	0.2	T__	m__	
IMS	0.99	4.1	Sn	22:43:11.720	-2.4	T__	m__	
ILLF	0.99	201.2	Pg	22:42:59.680	0.4	T__	m__ ML	2.7
EMING	1.00	135.0	Pn	22:42:59.550	-0.9	T__	md__ ML	2.7
EMING	1.00	135.0	Pg	22:43:00.070	0.6	T__	m__	
EMING	1.00	135.0	Sn	22:43:13.150	-1.3	T__	m__	
GUT	1.03	120.9	Pn	22:42:59.950	-0.9	T__	md__ ML	2.7
GUT	1.03	120.9	Pg	22:43:00.620	0.6	T__	m__	
GUT	1.03	120.9	Sn	22:43:13.670	-1.5	T__	m__	
DUP	1.04	321.0	Pn	22:43:00.200	-0.8	T__	m__ ML	2.4
BUCH	1.05	98.2	Pn	22:43:00.160	-0.9	T__	m__ ML	2.7
BUCH	1.05	98.2	Pg	22:43:00.850	0.6	T__	m__	
BUCH	1.05	98.2	Sn	22:43:14.170	-1.4	T__	m__	
A115A	1.06	50.8	Sn	22:43:14.450	-1.4	T__	m__	
SULZ	1.10	168.6	Pn	22:43:00.980	-0.9	T__	md__ ML	2.6
SULZ	1.10	168.6	Pg	22:43:01.800	0.5	T__	m__	
SULZ	1.10	168.6	Sn	22:43:15.220	-1.6	T__	m__	
SULZ	1.10	168.6	Sg	22:43:16.430	0.9	T__	m__	
STEIN	1.18	142.1	Pg	22:43:03.600	0.7	T__	m__ ML	3.1
STEIN	1.18	142.1	Sg	22:43:19.410	1.2	T__	m__	
URBA	1.21	78.4	Pn	22:43:02.030	-1.2	T__	m__ ML	2.5
URBA	1.21	78.4	Pg	22:43:03.170	-0.1	T__	m__	
WALHA	1.23	133.5	Pn	22:43:02.960	-0.7	T__	mc__ ML	2.8
WALHA	1.23	133.5	Pg	22:43:04.120	0.3	T__	m__	
WALHA	1.23	133.5	Sn	22:43:19.050	-0.9	T__	m__	
WALHA	1.23	133.5	Sg	22:43:19.587	-0.2	___	m_e	
WBA	1.24	32.4	Pn	22:43:01.750	-2.0	T__	mc__ ML	3.0
WBA	1.24	32.4	Pg	22:43:03.780	-0.2	T__	m__	
WBA	1.24	32.4	Sn	22:43:17.850	-2.3	T__	m__	
WBA	1.24	32.4	Sg	22:43:20.440	0.4	T__	m__	
A117A	1.25	68.9	Pg	22:43:03.850	-0.2	T__	m__	
A117A	1.25	68.9	Sg	22:43:20.780	0.5	T__	m__	
DEGG	1.27	89.3	Pg	22:43:04.830	0.3	T__	m__ ML	2.9
BALST	1.27	182.9	Pn	22:43:03.130	-1.1	T__	m__ ML	2.3
BALST	1.27	182.9	Pg	22:43:04.664	0.1	___	m_e	
BALST	1.27	182.9	Sg	22:43:21.477	0.4	___	m_e	
ABH	1.28	353.0	Pg	22:43:04.300	-0.4	T__	m__ ML	2.1
ABH	1.28	353.0	Sg	22:43:20.899	-0.4	___	m_e	
A104C	1.33	110.6	Sg	22:43:23.770	0.9	T__	m__	
GWBO	1.33	5.4	Sg	22:43:23.340	0.4	T__	m__ ML	2.8
BODE	1.34	14.0	Sg	22:43:23.200	-0.1	T__	m__ ML	2.3
WMG	1.36	318.1	Pg	22:43:05.920	-0.2	___	m__ ML	2.3
WMG	1.36	318.1	Sg	22:43:23.430	-0.3	___	m__	
A108A	1.38	100.2	Sg	22:43:25.110	0.8	___	m__	
SIND	1.40	57.5	Sg	22:43:25.960	0.8	___	m__ ML	2.2
A103D	1.42	123.9	Sg	22:43:26.480	0.7	___	m__	
ROMAN	1.47	134.8	Pg	22:43:08.800	0.6	___	m__ ML	2.5
ROMAN	1.47	134.8	Sg	22:43:27.900	0.7	___	m__	
WLF	1.50	315.2	Pg	22:43:08.760	-0.2	___	m__ ML	2.4
WLF	1.50	315.2	Sg	22:43:27.410	-1.0	___	m__	

TETT	1.54	127.3	Sg	22:43:30.360	0.8	---	m__	ML	3.1
CHMF	1.56	209.7	Pn	22:43:06.480	-1.6	---	mc_	ML	2.4
CHMF	1.56	209.7	Sg	22:43:30.730	0.6	---	m__		
HDH	1.60	90.0	Pg	22:43:10.800	0.1	---	m__	ML	3.1
HDH	1.60	90.0	Sg	22:43:31.310	-0.0	---	m__		
TNS	1.67	14.6	Pn	22:43:09.719	0.2	---	m_e	ML	2.2
TNS	1.67	14.6	Pg	22:43:11.228	-0.8	---	m_e		
TNS	1.67	14.6	Sg	22:43:32.878	-0.7	---	m_e		
WOER	1.68	75.0	Pg	22:43:12.250	0.1	---	m__	ML	2.7
WOER	1.68	75.0	Sg	22:43:33.460	-0.4	---	m__		
LIENZ	1.74	138.4	Pg	22:43:14.160	0.8	---	mc_	ML	3.1
FACH	1.75	4.2	Sg	22:43:35.330	-0.9	---	m__	ML	2.2
OCHT	1.75	350.9	Pg	22:43:13.450	-0.1	---	m__		
UBR	1.80	120.1	Pg	22:43:15.330	0.8	---	m__	ML	2.6
UBR	1.80	120.1	Sg	22:43:38.380	0.5	---	m__		
WBG	1.86	32.3	Sg	22:43:40.280	0.6	---	m__	ML	2.5
NORI	1.87	85.5	Pg	22:43:15.793	-0.1	---	m_e	ML	2.5
NORI	1.87	85.5	Sg	22:43:40.097	-0.0	---	m_e		
PLONS	1.89	145.0	Pn	22:43:12.962	0.4	---	m_e	ML	1.9
PLONS	1.89	145.0	Pg	22:43:16.589	0.4	---	m_e		
PLONS	1.89	145.0	Sn	22:43:36.046	0.7	---	m_e		
PLONS	1.89	145.0	Sg	22:43:40.504	-0.1	---	m_e		
DAVA	1.93	132.6	Sg	22:43:41.730	-0.0	---	m__	ML	2.4
OBER	2.06	124.7	Sg	22:43:46.065	0.0	---	m_e	ML	2.0
FUR	2.36	99.6	Sg	22:43:55.674	0.2	---	m_e	ML	2.9
BE1	2.39	105.7	Sg	22:43:56.325	-0.1	---	m_e	ML	2.8
ZUGS	2.44	118.0	Pg	22:43:27.325	0.7	---	m_e	ML	1.9
ZUGS	2.44	118.0	Sg	22:43:58.684	0.5	---	m_e		
SPAHL	2.46	33.1	Sg	22:43:58.581	-0.2	---	m_e	ML	2.8
HROE	2.46	37.6	Sg	22:43:58.635	-0.2	---	m_e	ML	2.5
PART	2.49	115.4	Sg	22:43:59.965	0.4	---	m_e	ML	2.4
GRA1	2.49	62.9	Sg	22:43:59.521	-0.2	---	m_e	ML	2.6
KAST	2.62	8.6	Sg	22:44:03.024	-0.9	---	m_e	ML	2.4

Event 91114001 Ebingen/Swabian Jura

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/14	06:36:38.60	0.52	0.64	48.1429	9.0664	7.4	5.2	089	10.0f		14	4	264			m i ke	LDG	91114021
2019/11/14	06:36:36.42	0.72	1.00	48.2786	9.1313	5.7	2.2	016	0.0	0.0	19	6	017			m i sm	ZAMG	91114011
2019/11/14	06:36:38.75	0.28		48.2250	9.0460	3.3	2.2	174	0.0	0.0	23	15	096	0.36	1.49	m i km	BGR	91114001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.1	6 LDG	91114021
ML	2.2	0.2	6 ZAMG	91114011
ML	1.8	0.3	14 BGR	91114001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
EMING	0.36	202.1	Pg	06:36:44.460	-1.0					T__				m_e	ML 1.6
EMING	0.36	202.1	Sg	06:36:49.690	-0.4					T__				m_e	
WALHA	0.48	173.7	Sg	06:36:53.210	-0.6					T__				m_e	ML 1.5
BFO	0.49	282.7	Pg	06:36:47.582	-0.4					T__				m_e	ML 1.4
BFO	0.49	282.7	Sg	06:36:53.840	-0.4					T__				m_e	

SLE	0.59	219.1	Pg	06:36:48.778	-1.1	T__	m_e	ML	2.1
SLE	0.59	219.1	Sg	06:36:57.141	-0.3	T__	m_e		
BERGE	0.68	239.0	Sg	06:37:00.904	0.6	T__	m_e	ML	1.5
METMA	0.74	226.3	Pg	06:36:52.987	0.3	T__	m_e	ML	1.6
METMA	0.74	226.3	Sg	06:37:03.092	0.9	T__	m_e		
UBR	0.90	127.0	Pg	06:36:56.074	0.4	T__	m_e	ML	2.0
UBR	0.90	127.0	Sg	06:37:07.232	0.0	T__	m_e		
SULZ	0.94	222.3	Pg	06:36:55.999	-0.4	T__	m_e	ML	2.5
SULZ	0.94	222.3	Sg	06:37:09.587	1.1	T__	m_e		
ROTT	1.08	327.1	Pg	06:36:59.737	0.6	T__	m_e		
NORI	1.16	64.1	Pg	06:36:59.882	-0.7	T__	m_e	ML	1.9
NORI	1.16	64.1	Sg	06:37:16.555	1.0	T__	m_e		
OBER	1.17	133.9	Sg	06:37:17.292	1.3	T__	m_e	ML	1.6
PLONS	1.20	169.0	Pg	06:37:00.692	-0.6	T__	m_e	ML	1.7
PLONS	1.20	169.0	Sg	06:37:17.002	0.2	T__	m_e		
ECH	1.26	270.3	Sg	06:37:19.007	0.3	T__	m_e	ML	1.8
BALST	1.27	226.1	Sg	06:37:19.693	0.6	T__	m_e	ML	2.0
BEL	1.49	101.4	Sg	06:37:25.469	-0.5	T__	m_e	ML	2.2

Event 91119003 France

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/19	11:09:37.30	0.04	0.58	46.1486	2.9575	0.8	0.8	093	2.0	0.0	166	39	045			m i ke	LDG	91119013
2019/11/19	11:09:38.92	0.70	0.86	46.1870	3.0610	8.9	6.7	142	5.0f		27	13	313	3.38	5.40	m i ke	BGR	91119003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.4	0.0	2 LDG	91119013
ML	3.6	0.4	49 LDG	91119013
ML	3.6	0.3	9 BGR	91119003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	3.38	68.4	Pn	11:10:31.611	0.4					T__				m_e	ML 3.6
BALST	3.38	68.4	Pg	11:10:42.948	0.4					T__				m_e	
BALST	3.38	68.4	Sg	11:11:25.367	-0.8					T__				m_e	
ECH	3.44	52.4	Pn	11:10:31.192	-0.9					T__				m_e	ML 3.6
ECH	3.44	52.4	Pg	11:10:43.656	-0.2					T__				m_e	
ECH	3.44	52.4	Sg	11:11:27.898	-0.5					T__				m_e	
SULZ	3.71	66.9	Pg	11:10:48.699	-0.0					T__				m_e	ML 4.2
SULZ	3.71	66.9	Sg	11:11:36.323	-0.3					T__				m_e	
METMA	3.86	64.8	Pg	11:10:51.140	-0.5					T__				m_e	ML 3.4
METMA	3.86	64.8	Sn	11:11:20.827	0.7					T__				m_e	
METMA	3.86	64.8	Sg	11:11:40.548	-0.9					T__				m_e	
BERGE	3.87	62.4	Pg	11:10:51.253	-0.6					T__				m_e	ML 3.4
BERGE	3.87	62.4	Sg	11:11:41.750	-0.2					T__				m_e	
SLE	4.03	65.0	Pn	11:10:39.465	-0.5					T__				m_e	
SLE	4.03	65.0	Pg	11:10:54.137	-0.7					T__				m_e	
WLF	4.05	29.6	Sg	11:11:48.318	0.8					T__				m_e	ML 3.7
BFO	4.17	57.1	Pn	11:10:41.898	-0.0					T__				m_e	ML 3.4
BFO	4.17	57.1	Pg	11:10:57.604	0.1					T__				m_e	
BFO	4.17	57.1	Sn	11:11:29.423	2.0					T__				m_e	
BFO	4.17	57.1	Sg	11:11:51.243	-0.1					T__				m_e	

EMING	4.30	64.5	Pg	11:10:59.590	-0.3	T__	m_e	ML	3.6
EMING	4.30	64.5	Sn	11:11:32.251	1.8	T__	m_e		
EMING	4.30	64.5	Sg	11:11:55.558	0.2	T__	m_e		
PLONS	4.42	76.5	Sg	11:12:00.188	0.7	T__	m_e	ML	3.2
ABH	4.76	37.4	Sg	11:12:09.624	-0.4	T__	m_e		
UBR	5.04	70.2	Sg	11:12:20.666	1.7	T__	m_e		
TNS	5.40	39.7	Sg	11:12:30.622	0.2	T__	m_e		

Event 91120001 Verden, SE of Bremen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/20	17:28:37.00	0.26	0.67	53.0305	9.2966	4.6	3.3	155	5.0f		37	11	247			m i ke	LDG	91120021
2019/11/20	17:28:38.56	0.73	0.33	52.9823	9.2197				5.0f		18	11	224	0.14	3.01	m i ki	BNS	91120011
2019/11/20	17:28:38.93	0.20	1.04	52.9230	9.3180	3.3	2.2	124	5.0f		27	18	086	0.03	1.72	m i ki	BGR	91120001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.1	12 LDG	91120021
ML	3.2		BNS	91120011
ML	3.2	0.3	13 BGR	91120001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DEEL	0.03	356.2	Pg	17:28:39.462	-0.5					T__				m_e	
GOLD	0.06	90.8	Pg	17:28:39.659	-0.8					T__				m_e	
GOLD	0.06	90.8	Sg	17:28:42.873	1.4					___				m_e	
RETHO	0.20	172.4	Sg	17:28:48.240	2.9					T__				m_e	ML 3.0
RETH	0.20	172.4	Pg	17:28:43.492	0.8					T__				m_e	
RETH	0.20	172.4	Sg	17:28:47.602	2.3					T__				m_e	
SYKE	0.27	260.7	Pg	17:28:44.485	0.4					T__				m_e	ML 3.3
SYKE	0.27	260.7	Sg	17:28:50.762	3.1					T__				m_e	
LOCC	0.52	192.0	Pg	17:28:50.346	1.5					T__				m_e	
LOCC	0.52	192.0	Sg	17:28:59.021	3.4					T__				m_e	
FBRG	0.53	91.5	Pg	17:28:50.611	1.6					T__				m_e	ML 3.7
FBRG	0.53	91.5	Sg	17:28:59.945	4.1					T__				m_e	
FAHL	0.70	269.3	Sg	17:29:04.474	3.2					T__				m_e	ML 3.3
LUEB	0.73	211.2	Pg	17:28:53.441	0.7					T__				m_e	ML 3.0
LUEB	0.73	211.2	Sg	17:29:05.306	3.1					T__				m_e	
SEVE	0.76	261.2	Pg	17:28:54.068	0.7					T__				m_e	ML 3.3
SEVE	0.76	261.2	Sg	17:29:06.479	3.3					T__				m_e	
HAM4	0.78	44.4	Pg	17:28:54.889	1.2					T__				m_e	ML 3.4
HAM4	0.78	44.4	Sg	17:29:07.745	3.9					T__				m_e	
RAST	0.97	269.8	Pg	17:28:58.100	0.9					T__				m_e	ML 3.4
KUDEN	1.05	356.1	Pg	17:28:58.542	-0.2					T__				m_e	ML 3.0
KUDEN	1.05	356.1	Sg	17:29:12.587	0.3					T__				m_e	
IBBN	1.13	237.5	Pg	17:28:59.005	-1.2					___				m_e	ML 3.2
IBBN	1.13	237.5	Sg	17:29:16.380	1.5					T__				m_e	
ZARR	1.15	56.0	Sg	17:29:17.617	2.2					T__				m_e	ML 3.5
BSEG	1.17	30.1	Pg	17:28:59.679	-1.4					T__				m_e	ML 2.7
GOR1	1.20	86.0	Pg	17:29:02.628	1.1					T__				m_e	
GOR1	1.20	86.0	Sg	17:29:19.610	2.5					T__				m_e	
FALKS	1.72	135.4	Sg	17:29:31.044	-2.5					T__				m_e	ML 2.9
KAST	1.81	198.2	Pn	17:29:09.594	-0.3					___				m_e	

KAST	1.81	198.2	Sn	17:29:32.797	0.8	---	m_e
BUG	1.94	221.1	Pn	17:29:10.379	-1.4	---	m_e
BUG	1.94	221.1	Sn	17:29:34.303	-0.9	---	136.9 0.56 m_e
LAUG	2.14	223.8	Pn	17:29:13.433	-1.0	---	m_e
HOBG	2.29	213.0	Pn	17:29:15.953	-0.5	---	m_e
KOE	2.68	202.1	Pn	17:29:22.042	0.2	---	m_e
BGG	2.98	205.2	Pn	17:29:25.158	-0.7	---	m_e

Event 91120002 Verden, SE of Bremen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/20	21:32:58.50	0.47	0.88	52.8400	9.1700	10.2	5.3	001	5.0f		45	18	231			m i ke	LDG	91120022
2019/11/20	21:32:57.49	0.89	0.40	52.9777	9.2160				5.0f		18	13	161	0.14	3.01	m i ki	BNS	91120012
2019/11/20	21:32:57.04	0.19	0.70	52.9400	9.3140	2.2	2.2	159	5.0f		32	19	088	0.02	1.73	m i ki	BGR	91120002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.3	10 LDG	91120022
ML	2.8		BNS	91120012
ML	3.0	0.3	18 BGR	91120002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DEEL	0.02	0.5	Pg	21:32:58.067	0.1					T__				m_e	
GOLD	0.07	104.9	Pg	21:32:59.080	0.5					T__				m_e	
GOLD	0.07	104.9	Sg	21:33:01.757	2.1					T__				m_e	
RETHO	0.21	172.4	Pg	21:33:02.123	1.0					T__				m_e ML	2.6
RETHO	0.21	172.4	Sg	21:33:06.782	2.8					T__				m_e	
RETH	0.21	172.3	Pg	21:33:02.069	0.9					T__				m_e	
RETH	0.21	172.3	Sg	21:33:06.265	2.3					T__				m_e	
SYKE	0.27	257.1	Pg	21:33:02.860	0.6					T__				m_e ML	3.2
SYKE	0.27	257.1	Sg	21:33:08.486	2.7					T__				m_e	
FBRG	0.53	93.3	Pg	21:33:08.999	1.9					T__				m_e ML	3.3
FBRG	0.53	93.3	Sg	21:33:18.052	4.0					T__				m_e	
LOCC	0.54	191.4	Pg	21:33:08.858	1.6					T__				m_e	
FAHL	0.70	267.9	Pg	21:33:11.687	1.4					T__				m_e ML	3.4
FAHL	0.70	267.9	Sg	21:33:23.352	4.0					T__				m_e	
LUEB	0.74	210.4	Pg	21:33:12.040	0.9					T__				m_e ML	2.9
LUEB	0.74	210.4	Sg	21:33:24.393	3.7					T__				m_e	
SEVE	0.76	259.9	Pg	21:33:12.509	1.0					T__				m_e ML	3.2
HAM4	0.77	45.4	Pg	21:33:12.705	1.1					T__				m_e ML	3.3
HAM4	0.77	45.4	Sg	21:33:25.790	4.1					---				m_e	
RAST	0.96	268.8	Sg	21:33:30.580	2.9					---				m_e ML	3.2
KUDEN	1.03	356.1	Pg	21:33:16.600	0.1					T__				m_e ML	3.0
KUDEN	1.03	356.1	Sg	21:33:31.251	1.4					T__				m_e	
IBBN	1.14	236.7	Pn	21:33:17.403	-1.5					T__				m_e ML	3.2
IBBN	1.14	236.7	Sg	21:33:35.034	1.8					T__				m_e	
ASSE	1.16	133.9	Pg	21:33:19.121	0.2					T__				m_e ML	2.3
ASSE	1.16	133.9	Sg	21:33:35.584	1.7					T__				m_e	
BSEG	1.16	30.6	Pn	21:33:17.946	-1.3					T__				m_e ML	2.8
BSEG	1.16	30.6	Pg	21:33:18.656	-0.3					---				m_e	
BSEG	1.16	30.6	Sg	21:33:35.417	1.5					T__				m_e	
GOR1	1.20	86.8	Pn	21:33:19.214	-0.6					T__				m_e ML	2.8

CLZ	1.27	149.1	Pn	21:33:20.765	-0.0	T__	m_e	ML	2.6
CLZ	1.27	149.1	Sg	21:33:37.911	0.4	T__	m_e		
GTTG	1.45	163.8	Pn	21:33:23.296	0.1	T__	m_e	ML	2.9
GTTG	1.45	163.8	Sg	21:33:42.990	-0.2	T__	m_e		
FALKS	1.73	135.7	Pn	21:33:27.011	-0.0	T__	m_e	ML	2.5
KAST	1.82	198.0	Pn	21:33:27.908	-0.3	---	m_e		
BUG	1.95	220.7	Pn	21:33:28.837	-1.2	---	m_e		
LAUG	2.15	223.4	Pn	21:33:31.902	-0.8	---	m_e		
HOBG	2.31	212.7	Pn	21:33:35.195	0.4	---	m_e		
KOE	2.70	201.9	Pn	21:33:40.301	0.2	---	m_e		
BGG	3.00	205.0	Pn	21:33:43.669	-0.5	---	m_e		

Event 91130001 Switzerland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/30	02:14:45.80	0.04	0.63	46.0725	7.3264	0.8	0.6	110	4.0f		310	39	026			m i ke	LDG	91130011
2019/11/30	02:14:48.63	0.49	0.92	46.1770	7.2760	6.7	5.6	087	10.0f		30	19	279	1.19	5.05	m i ke	BGR	91130001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.2	0.0	2 LDG	91130011
ML	3.2	0.3	43 LDG	91130011
ML	3.0	0.3	18 BGR	91130001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	1.19	13.8	Pn	02:15:09.953	-0.8					T__				m_e	ML 3.2
SULZ	1.47	22.6	Pn	02:15:13.537	-0.9					T__				m_e	ML 3.8
SULZ	1.47	22.6	Sn	02:15:33.684	0.9					T__				m_e	
SULZ	1.47	22.6	Sg	02:15:36.263	0.9					T__				m_e	
METMA	1.67	23.1	Pn	02:15:15.830	-1.4					T__				m_e	ML 2.9
METMA	1.67	23.1	Sg	02:15:41.709	-0.2					T__				m_e	
PLONS	1.69	58.1	Pn	02:15:17.710	0.3					T__				m_e	ML 2.5
PLONS	1.69	58.1	Sg	02:15:43.256	0.9					T__				m_e	
SLE	1.79	27.2	Pn	02:15:17.461	-1.4					T__				m_e	ML 3.7
SLE	1.79	27.2	Sg	02:15:44.919	-0.7					T__				m_e	
BERGE	1.80	19.6	Pn	02:15:17.603	-1.4					T__				m_e	ML 2.7
BERGE	1.80	19.6	Sn	02:15:40.599	-0.0					T__				m_e	
BERGE	1.80	19.6	Sg	02:15:45.500	-0.5					T__				m_e	
WALHA	2.02	38.0	Pn	02:15:20.841	-1.0					T__				m_e	ML 2.9
WALHA	2.02	38.0	Sg	02:15:53.297	0.5					T__				m_e	
EMING	2.02	31.4	Pn	02:15:20.591	-1.4					T__				m_e	ML 2.9
EMING	2.02	31.4	Sg	02:15:52.671	-0.3					T__				m_e	
ECH	2.04	357.8	Pn	02:15:21.159	-1.0					T__				m_e	ML 2.6
DAVA	2.10	57.2	Pn	02:15:23.256	0.2					T__				m_e	ML 2.8
BFO	2.27	18.0	Pn	02:15:23.600	-1.7					T__				m_e	ML 2.7
BFO	2.27	18.0	Sg	02:15:59.556	-1.2					T__				m_e	
UBR	2.45	51.1	Pn	02:15:27.394	-0.3					T__				m_e	ML 2.9
WTTA	3.18	68.4	Pn	02:15:39.223	1.6					T__				m_e	ML 2.9
FUR	3.37	52.4	Pn	02:15:40.090	-0.1					T__				m_e	ML 3.2
RIVT	3.55	354.7	Pn	02:15:42.878	0.3					T__				m_e	
WLF	3.57	348.2	Sn	02:16:24.365	2.3					T__				m_e	ML 3.3
WLF	3.57	348.2	Sg	02:16:41.699	-0.3					T__				m_e	
TNS	4.12	10.5	Sn	02:16:37.651	2.6					T__				m_e	ML 3.0

GRA1	4.40	35.5	Pg	02:16:10.051	-1.5	T__	m_e	ML	3.3
MOA	5.05	68.1	Pn	02:16:03.514	0.5	T__	m_e	ML	3.0

Event 91130004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2019/11/30	04:58:35.42	0.43	0.24	51.3323	16.0859				5.0f		9	7	348	5.35	6.23	m i ki	BNS	91130024
2019/11/30	04:58:35.57	0.42	1.23	51.3534	15.9698	4.3	2.5	052	0.0	0.0	37	18	036			m i sr	ZAMG	91130014
2019/11/30	04:58:33.99	0.37	0.80	51.4800	16.1590	4.4	2.2	016	1.0f		33	17	199	0.64	3.61	m i ki	BGR	91130004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.7		BNS	91130024
ML	3.4	0.2	17 ZAMG	91130014
ML	3.7	0.3	17 BGR	91130004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.64	172.4	Pg	04:58:46.628	0.5					T__				m_e	ML 3.0
KSP	0.64	172.4	Sg	04:58:55.914	1.5					T__				m_e	
DPC	1.13	174.7	Pn	04:58:55.350	-1.0					T__				m_e	ML 4.0
DPC	1.13	174.7	Sg	04:59:10.308	0.3					T__				m_e	
BRG	1.52	247.3	Pn	04:59:00.606	-0.9					T__				m_e	ML 3.5
BRG	1.52	247.3	Sg	04:59:22.471	0.3					T__				m_e	
FBE	1.84	253.5	Pn	04:59:05.300	-0.6					T__				m_e	ML 3.4
FBE	1.84	253.5	Sg	04:59:32.069	-0.5					T__				m_e	
MORC	1.92	152.2	Pn	04:59:07.047	0.1					T__				m_e	ML 3.9
MORC	1.92	152.2	Sg	04:59:34.918	0.1					T__				m_e	
CLL	1.98	266.2	Pn	04:59:06.792	-1.0					T__				m_e	ML 3.5
CLL	1.98	266.2	Sg	04:59:36.142	-0.7					T__				m_e	
OKC	2.07	141.7	Pn	04:59:08.561	-0.4					T__				m_e	ML 3.3
OKC	2.07	141.7	Sg	04:59:39.243	-0.5					T__				m_e	
TANN	2.56	246.9	Pn	04:59:15.704	0.0					T__				m_e	ML 3.9
TANN	2.56	246.9	Sg	04:59:54.735	-0.6					T__				m_e	
OJC	2.62	117.3	Pn	04:59:15.174	-1.3					T__				m_e	ML 3.8
OJC	2.62	117.3	Sg	04:59:57.766	0.5					T__				m_e	
WERD	2.64	248.5	Pn	04:59:16.784	0.1					T__				m_e	ML 3.7
WERD	2.64	248.5	Sg	04:59:58.388	0.6					T__				m_e	
MANZ	2.97	241.4	Pn	04:59:21.585	0.4					T__				m_e	ML 3.9
MANZ	2.97	241.4	Sg	05:00:09.155	0.9					T__				m_e	
MOX	2.97	255.5	Pn	04:59:21.211	-0.1					T__				m_e	ML 3.9
MOX	2.97	255.5	Sg	05:00:09.742	1.3					T__				m_e	
ROTZ	3.04	237.2	Pn	04:59:22.429	0.3					T__				m_e	ML 3.5
ROTZ	3.04	237.2	Sg	05:00:08.819	-1.6					T__				m_e	
GEC2	3.07	211.8	Pn	04:59:23.014	0.5					T__				m_e	ML 3.8
WET	3.14	223.2	Pn	04:59:23.902	0.4					T__				m_e	ML 3.7
WET	3.14	223.2	Sg	05:00:13.702	0.0					T__				m_e	
CLZ	3.61	278.0	Pn	04:59:30.559	0.7					T__				m_e	ML 3.8
CLZ	3.61	278.0	Sg	05:00:30.738	2.2					T__				m_e	
GRA1	3.61	242.2	Pn	04:59:30.559	0.7					T__				m_e	ML 4.2
GRA1	3.61	242.2	Sg	05:00:28.175	-0.4					T__				m_e	
KOE	5.41	262.1	Pn	04:59:54.982	0.7					---				m_e	
HOBG	5.54	268.3	Pn	04:59:57.410	1.3					---				m_e	

BGG	5.71	260.6	Pn	04:59:58.705	0.3	---											m_e
BGG	5.71	260.6	Sn	05:01:02.730	3.2	---					14.9	0.86					m_e
LAUG	5.74	272.3	Pn	04:59:59.677	0.8	---											m_e
STB	5.92	265.0	Pn	05:00:01.783	0.5	---											m_e
STB	5.92	265.0	Sn	05:01:07.403	2.8	---					25.3	1.03					m_e
HILG	6.09	262.5	Pn	05:00:04.208	0.6	---											m_e
DREG	6.29	266.4	Pn	05:00:07.360	1.2	---											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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