

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 20204006 Dorsten, N of Bottrop

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/04	19:20:33.00	0.76	0.31	51.5390	6.8770				1.0f			6	308	0.19	1.25	m i ki	BNS	20204036
2012/02/04	19:20:30.70	0.25	0.11	51.6020	6.9200				1.0f			5	309			m i ki	GDNRW	20204026
2012/02/04	19:20:33.11	0.28	1.00	51.5570	6.8990	5.6	3.3	103	1.0f	14		9	133	0.26	2.17	m i ki	BGR	20204016
2012/02/04	19:20:30.50			51.6480	6.8620				1.0f							m i ki	BUG	20204006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.7		BNS	20204036
ML	1.9		GDNRW	20204026
ML	2.1	0.2	7 BGR	20204016
ML	2.2		BUG	20204006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LAUG	0.30	170.2	Pg	19:20:36.533	0.3									m_e	
LAUG	0.30	170.2	Sg	19:20:39.917	-0.2							60.0	0.86	m_e	
HES	0.30	158.2	Pg	19:20:35.840	-0.4									m_e	
HES	0.30	158.2	Sg	19:20:39.600	-0.5									m_e	
WTSB	0.32	353.0	Pg	19:20:39.599	3.1									m_e	ML 2.2
WTSB	0.32	353.0	Sg	19:20:45.234	4.5									m_e	
BUG	0.33	129.2	Pg	19:20:37.700	1.0					TA_				m_e	ML 2.2
BUG	0.33	129.2	Sg	19:20:43.300	2.4					TA_				m_e	
PLH	0.64	182.4	Pg	19:20:42.653	0.0									m_e	
PLH	0.64	182.4	Sg	19:20:50.792	-0.2							159.4	0.24	m_e	
HOBG	0.73	155.9	Pg	19:20:44.953	0.8									m_e	
IBBN	0.86	39.7	Pg	19:20:50.285	3.6									m_e	ML 2.3
IBBN	0.86	39.7	Sg	19:21:04.239	6.4									m_e	
GSH	0.96	198.5	Pg	19:20:48.799	0.2									m_e	
GSH	0.96	198.5	Sg	19:21:01.333	0.3							56.7	0.12	m_e	
ACN	1.00	209.5	Sg	19:21:02.801	0.5							13.6	0.12	m_e	
STB	1.05	180.8	Pg	19:20:51.227	0.9									m_e	
STB	1.05	180.8	Sg	19:21:04.105	0.1							26.8	0.85	m_e	
HGN	1.06	213.8	Pg	19:20:51.321	0.9									m_e	ML 2.4
HGN	1.06	213.8	Sg	19:21:05.692	1.6									m_e	
DREG	1.06	202.1	Pg	19:20:51.227	0.7									m_e	
AHRW	1.12	173.0	Pg	19:20:52.068	0.6									m_e	ML 2.2
AHRW	1.12	173.0	Sg	19:21:07.393	1.5									m_e	
MEM	1.17	207.6	Pg	19:20:53.701	1.2									m_e	
MEM	1.17	207.6	Sg	19:21:07.863	0.2									m_e	
WIT	1.17	354.3	Sg	19:21:14.660	6.9									m_e	
OLFT	1.19	193.7	Sg	19:21:08.690	0.5									m_e	
KOE	1.34	155.6	Pg	19:20:56.345	0.6									m_e	
HILG	1.36	184.9	Pg	19:20:56.345	0.2									m_e	
TNS	1.74	144.4	Sg	19:21:25.072	-0.7									m_e	ML 2.0
CLZ	2.18	83.5	Sg	19:21:41.561	1.7									m_e	ML 2.2

Event 20205008 Saulgau, SW of Ulm

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/05	15:23:28.60	0.07	0.41	48.0062	9.5078	1.4	1.0	142	6.0f		28	6	086			m i ke	LDG	20205038
2012/02/05	15:23:28.00			48.0000	9.4900				0.0							m i uk	SED	20205028
2012/02/05	15:23:28.74	0.65	0.89	47.9890	9.4940	10.0	4.4	171	10.0f		8	5	198	0.81	2.05	m i ke	BGR	20205018
2012/02/05	15:23:28.60	0.11	0.13	48.0020	9.4960	1.3	1.0	049	6.0	2.0	33	17	089	0.26	2.04	m i ke	LED	20205008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.4	5 LDG	20205038
ML	1.8		SED	20205028
ML	2.1	0.2	5 BGR	20205018
ML	1.7	0.2	21 LED	20205008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GUT	0.26	285.3	P*	15:23:33.760						T__				mci	ML 1.8
GUT	0.26	285.3	S*	15:23:37.720						T__				m__	
BUCH	0.46	348.0	P*	15:23:37.310						T__				m__	ML 1.2
BUCH	0.46	348.0	S*	15:23:43.870						T__				m__	
SISB	0.48	228.7	P*	15:23:37.890						T__				mc__	ML 1.7
SISB	0.48	228.7	S*	15:23:44.720						T__				m__	
UBR	0.52	127.8	P*	15:23:38.800						T__				mc__	ML 1.6
UBR	0.52	127.8	S*	15:23:46.460						T__				m__	
TUBL	0.59	332.3	P*	15:23:41.020						__				m__	ML 2.0
TUBL	0.59	332.3	PmP	15:23:41.750	-1.2					T__				m__	
TUBL	0.59	332.3	S*	15:23:47.530						T__				m__	
TUBL	0.59	332.3	SmS	15:23:51.100	-1.7					T__				m__	
LIENZ	0.71	180.1	P*	15:23:42.340						T__				m__	ML 1.3
LIENZ	0.71	180.1	SmS	15:23:55.920	0.1					T__				m__	
WILA	0.71	214.2	PmP	15:23:43.950	-0.8					T__				m__	ML 2.0
WILA	0.71	214.2	S*	15:23:52.090						T__				m__	
WILA	0.71	214.2	SmS	15:23:55.200	-0.7					T__				m__	
SLE	0.71	251.0	P*	15:23:42.000						T__				m__	ML 1.6
SLE	0.71	251.0	PmP	15:23:43.250	-1.6					__				m__	
SLE	0.71	251.0	S*	15:23:52.040						__				m__	
SLE	0.71	251.0	SmS	15:23:54.850	-1.1					T__				m__	
HDH	0.75	38.8	P*	15:23:43.200						__				m__	ML 1.9
HDH	0.75	38.8	PmP	15:23:43.870	-1.6					__				m__	
HDH	0.75	38.8	S*	15:23:52.860						T__				m__	
HDH	0.75	38.8	SmS	15:23:55.330	-1.7					T__				m__	
STU	0.79	345.5	Pg	15:23:44.905	1.3					__				m_e	ML 1.9
STU	0.79	345.5	Sg	15:23:56.341	2.4					__				m_e	
LBG	0.81	325.1	PmP	15:23:45.060	-1.3					T__				m__	ML 1.8
LBG	0.81	325.1	S*	15:23:54.460						T__				m__	
LBG	0.81	325.1	SmS	15:23:56.900	-1.7					__				m__	
BFO	0.84	293.3	P*	15:23:44.480						T__				mc__	ML 2.1
BFO	0.84	293.3	PmP	15:23:45.280	-1.7					T__				m__	
BFO	0.84	293.3	Sg	15:23:56.142	0.7					__				m_e	
OPP	1.00	300.1	PmP	15:23:48.070	-1.5					T__				m__	ML 2.0
OPP	1.00	300.1	Sg	15:24:00.870	0.4					__				m__	
FELD	1.01	263.4	P	15:23:47.550						__				m__	
FELD	1.01	263.4	PmP	15:23:48.230	-1.4					T__				m__	
SULZ	1.04	243.5	P	15:23:47.950						__				m__	ML 1.7
SULZ	1.04	243.5	Pg	15:23:48.770	0.5					T__				m__	
SULZ	1.04	243.5	PmP	15:23:49.020	-1.3					T__				m__	

SULZ	1.04	243.5	Sg	15:24:02.380	0.6	---	m_	
SULZ	1.04	243.5	SmS	15:24:03.790	-1.4	---	m_	
KIZ	1.06	268.1	Pg	15:23:48.950	0.4	T_	m_	ML 1.7
FUR	1.20	81.6	Sg	15:24:08.128	1.4	---	m_e	ML 2.2
END	1.21	257.0	P	15:23:50.110		T_	mC_	ML 1.5
END	1.21	257.0	PmP	15:23:51.790	-1.5	T_	m_	
SIND	1.35	3.0	Pg	15:23:53.760	-0.3	T_	m_	ML 1.8
SIND	1.35	3.0	Sg	15:24:11.660	0.2	T_	m_	
BALST	1.38	241.9	P	15:23:52.580		---	m_	ML 2.0
BALST	1.38	241.9	Sg	15:24:13.280	0.7	---	m_	
ECH	1.58	278.7	Pg	15:23:58.350	0.0	---	m_	ML 1.9
ECH	1.58	278.7	Sg	15:24:18.700	0.0	---	m_	
BOURR	1.64	249.1	Pg	15:23:59.900	0.4	---	m_	ML 1.7
GRB2	1.92	47.7	P	15:23:59.560		---	m_	ML 1.7
GRB2	1.92	47.7	S	15:24:23.260		---	m_	
GRA1	2.04	33.3	Sg	15:24:32.200	-1.1	---	m_	ML 1.7

Event 20205014 Vaduz/Liechtenstein, Swiss-Liechtenstein-Austrian border reg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/05	19:30:54.95	0.68	0.53	47.2151	9.2600	4.6	3.1	079	6.0	0.0	26	5	063			m i uk	ZAMG	20205034
2012/02/05	19:30:55.00			47.1900	9.3400				-1.0							m i uk	SED	20205024
2012/02/05	19:30:56.51	0.35	0.55	47.1670	9.3840	5.6	3.3	038	10.0f		12	8	106	0.12	2.38	m i ke	BGR	20205014

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	10 ZAMG	20205034
ML	1.5		SED	20205024
ML	1.5	0.5	6 BGR	20205014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	0.12	181.0	Pg	19:30:58.853	-0.5					T_				m_e	ML 0.6
PLONS	0.12	181.0	Sg	19:31:01.324	0.1					T_				m_e	
WILA	0.41	307.6	Pg	19:31:04.029	-0.3					T_				m_e	ML 1.9
WILA	0.41	307.6	Sg	19:31:10.286	0.5					T_				m_e	
OBER	0.66	68.4	Pg	19:31:09.628	0.5					T_				m_e	ML 1.1
SLE	0.85	315.2	Pg	19:31:11.945	-0.7					T_				m_e	ML 1.5
SULZ	0.93	293.3	Pg	19:31:15.418	1.2					T_				m_e	ML 1.8
SULZ	0.93	293.3	Sg	19:31:26.961	0.6					T_				m_e	
BALST	1.16	279.0	Sg	19:31:34.612	1.2					T_				m_e	ML 2.0
BFO	1.36	329.0	Pg	19:31:21.666	-0.6					T_				m_e	
BFO	1.36	329.0	Sg	19:31:39.969	0.1					T_				m_e	
RJOB	2.38	74.9	Pg	19:31:40.410	-0.9					T_				m_e	

Event 20206002 Austria

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/06	02:27:49.58	0.17	1.59	47.4025	15.1412	1.7	1.3	119	4.0	0.0	50	12	039			m i fe	ZAMG	20206012
2012/02/06	02:27:51.37	0.29	1.70	47.4120	15.1660	8.9	5.6	052	10.0f		26	15	158	0.29	4.68	m i ke	BGR	20206002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.2	15 ZAMG	20206012
ML	3.0	0.4	13 BGR	20206002

Effects	Loctyp	Location	Intensity	Scale	Author
	Summar		5.0	EMS	ZAMG

(Many people awoke, some objects toppled down. The quake was accompanied by a big bang and rumbling.)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	0.29	123.6	Pg	02:27:56.100	-1.0					T__				m_e	ML 2.5
ARSA	0.29	123.6	Sg	02:27:59.835	-1.2					T__				m_e	
MOA	0.75	306.1	Pg	02:28:04.006	-1.6					T__				m_e	ML 2.3
MOA	0.75	306.1	Sg	02:28:15.589	0.3					T__				m_e	
OBKA	1.00	205.2	Pg	02:28:08.875	-1.3					T__				m_e	ML 2.6
OBKA	1.00	205.2	Sg	02:28:22.245	-0.9					T__				m_e	
KBA	1.28	255.6	Pn	02:28:13.275	-1.3					T__				m_e	ML 2.3
KBA	1.28	255.6	Sg	02:28:32.445	0.3					T__				m_e	
RJOB	1.63	282.4	Pn	02:28:20.666	1.3					T__				m_e	ML 2.7
RJOB	1.63	282.4	Sg	02:28:44.364	1.1					T__				m_e	
GEC2	1.73	326.2	Pn	02:28:21.613	0.8					T__				m_e	ML 2.9
GEC2	1.73	326.2	Sg	02:28:43.997	-2.6					T__				m_e	
WET	2.31	319.5	Pn	02:28:30.619	2.1					T__				m_e	ML 3.1
WET	2.31	319.5	Sg	02:29:01.012	-3.7					T__				m_e	
WTTA	2.40	267.8	Pg	02:28:34.526	-2.0					T__				m_e	
FUR	2.72	287.5	Pn	02:28:36.498	2.4					T__				m_e	ML 3.2
FUR	2.72	287.5	Sg	02:29:17.612	-0.2					T__				m_e	
ROTZ	3.06	321.4	Pn	02:28:41.005	2.2					T__				m_e	ML 3.4
ROTZ	3.06	321.4	Sg	02:29:25.595	-3.1					T__				m_e	
MANZ	3.27	323.0	Pn	02:28:43.958	2.4					T__				m_e	ML 3.3
MANZ	3.27	323.0	Sg	02:29:33.134	-2.2					T__				m_e	
GRA1	3.47	312.6	Pn	02:28:45.895	1.7					T__				m_e	ML 3.5
GRA1	3.47	312.6	Sg	02:29:40.514	-1.0					T__				m_e	
DAVA	3.58	269.9	Pn	02:28:48.146	2.3					T__				m_e	
MOX	3.98	325.6	Pn	02:28:54.276	3.0					T__				m_e	ML 3.3
BFO	4.68	283.8	Pn	02:29:01.794	1.1					T__				m_e	ML 3.3

Event 20208004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/08	11:21:14.60	0.87	1.67	51.2523	16.0939	7.5	5.1	028	0.0	0.0	40	11	031			m i sr	ZAMG	20208014
2012/02/08	11:21:13.21	0.44	0.69	51.4310	16.1940	5.6	2.2	016	1.0f		23	16	198	0.59	3.64	m i ki	BGR	20208004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.3	14 ZAMG	20208014
ML	3.3	0.3	16 BGR	20208004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.59	173.9	Pg	11:21:23.271	-1.1					T__				m_e	ML 2.5
KSP	0.59	173.9	Sg	11:21:32.430	0.4					T__				m_e	
DPC	1.08	175.7	Pg	11:21:33.069	-0.6					T__				m_e	ML 3.3

DPC	1.08	175.7	Sg	11:21:48.160	0.5	T__	m_e												
BRG	1.52	249.3	Pn	11:21:39.563	-1.2	T__	m_e ML	3.1											
BRG	1.52	249.3	Sg	11:22:01.671	0.2	T__	m_e												
FBE	1.85	255.1	Sg	11:22:11.968	-0.1	T__	m_e ML	3.2											
MORC	1.86	152.1	Pn	11:21:44.894	-0.5	T__	m_e ML	3.3											
MORC	1.86	152.1	Sg	11:22:11.998	-0.4	---	m_e												
CLL	2.00	267.7	Pn	11:21:46.295	-0.9	T__	m_e ML	3.1											
CLL	2.00	267.7	Sg	11:22:17.479	0.9	T__	m_e												
OKC	2.02	141.4	Pn	11:21:46.529	-1.0	T__	m_e ML	2.8											
OJC	2.58	116.6	Sg	11:22:36.063	0.9	T__	m_e ML	3.3											
WERD	2.64	249.6	Pn	11:21:56.022	0.1	T__	m_e ML	3.3											
WERD	2.64	249.6	Sg	11:22:36.234	-0.8	T__	m_e												
MANZ	2.96	242.4	Pn	11:22:00.553	0.2	T__	m_e ML	3.5											
MANZ	2.96	242.4	Sg	11:22:47.656	0.3	---	m_e												
MOX	2.98	256.5	Pn	11:22:00.671	0.1	T__	m_e ML	3.6											
MOX	2.98	256.5	Sg	11:22:48.443	0.4	T__	m_e												
ROTZ	3.03	238.2	Pn	11:22:01.344	0.1	T__	m_e ML	3.3											
ROTZ	3.03	238.2	Sg	11:22:47.759	-1.7	---	m_e												
GEC2	3.04	212.7	Pn	11:22:02.372	1.0	T__	m_e ML	3.4											
WET	3.12	224.1	Pn	11:22:02.405	-0.0	T__	m_e ML	3.4											
GRA1	3.60	243.1	Pn	11:22:09.695	0.7	T__	m_e ML	3.8											
GRA1	3.60	243.1	Sg	11:23:08.992	1.3	T__	m_e												
CLZ	3.64	278.8	Pn	11:22:10.228	0.8	T__	m_e ML	3.5											

Event 20211004 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/11	09:39:34.30	0.25	0.65	51.6126	6.5128	4.0	2.8	002	1.0f		29	14	250			m i sr	LDG	20211044
2012/02/11	09:39:35.60	0.87	0.31	51.5210	6.5210				1.0f			7	291	0.31	1.33	m i ki	BNS	20211034
2012/02/11	09:39:35.00	0.27	0.11	51.5190	6.5740				1.0f			8	265			m i ki	GDNRW	20211024
2012/02/11	09:39:34.63	0.95	0.81	51.5060	6.4470	12.2	5.6	116	1.0f	8	5	219	0.52	1.85		m i ki	BGR	20211014
2012/02/11	09:39:34.60			51.5270	6.5050				1.0f							m i ki	BUG	20211004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.2	9 LDG	20211044
ML	1.8		BNS	20211034
ML	1.8		GDNRW	20211024
ML	2.3	0.1	5 BGR	20211014
ML	2.2		BUG	20211004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LAUG	0.33	122.6	Pg	09:39:41.546	0.8					---				m_e	
LAUG	0.33	122.6	Sg	09:39:46.383	1.4					---		104.0	0.22	m_e	
HES	0.37	115.3	Pg	09:39:41.740	0.1					---				m_e	
HES	0.37	115.3	Sg	09:39:46.870	0.5					---				m_e	
RWB	0.48	207.4	Sg	09:39:51.939	2.1					---		71.0	0.14	m_e	
BUG	0.48	100.0	Pg	09:39:44.700	1.0					TA_				m_e ML	2.2
BUG	0.48	100.0	Sg	09:39:52.000	2.0					TA_				m_e	
PLH	0.56	159.3	Pg	09:39:45.781	0.6					---				m_e	
PLH	0.56	159.3	Sg	09:39:53.069	0.7					---		162.0	0.20	m_e	
HOBG	0.75	136.0	Pg	09:39:50.073	1.3					---				m_e	

GSH	0.80	185.7	Pg	09:39:50.589	1.0	---												m_e				
GSH	0.80	185.7	Sg	09:40:01.236	1.4	---												29.3	0.21	m_e		
ACN	0.80	199.5	Pg	09:39:50.824	1.2	---														m_e		
ACN	0.80	199.5	Sg	09:40:01.755	1.8	---												25.2	0.08	m_e		
WBS	0.87	145.6	Pg	09:39:51.319	0.3	---														m_e		
WBS	0.87	145.6	Sg	09:40:02.812	0.6	---													31.6	0.18	m_e	
DREG	0.88	191.3	Pg	09:39:52.033	0.8	---														m_e		
DREG	0.88	191.3	Sg	09:40:04.970	2.4	---														m_e		
KLL	0.89	187.9	Pg	09:39:52.229	0.9	---														m_e		
STB	0.96	167.2	Pg	09:39:54.385	1.8	---														m_e		
STB	0.96	167.2	Sg	09:40:06.707	1.7	---													51.4	0.60	m_e	
TDN	0.99	163.6	Sg	09:40:07.219	1.1	---													27.6	0.13	m_e	
OLFT	1.03	183.0	Pg	09:39:54.870	0.8	---														m_e		
OLFT	1.03	183.0	Sg	09:40:08.752	1.3	---														m_e		
AHRW	1.05	159.8	Pg	09:39:56.017	1.6	---														m_e	ML	2.2
AHRW	1.05	159.8	Sg	09:40:10.315	2.4	---														m_e		
IBBN	1.10	44.3	Sg	09:40:12.121	2.6	---														m_e	ML	2.2
HILG	1.24	174.9	Pg	09:39:58.600	0.6	---														m_e		
KOE	1.35	144.5	Pg	09:39:59.874	-0.1	---														m_e		
TNS	1.79	136.0	Pg	09:40:08.848	0.5	---														m_e	ML	2.2
TNS	1.79	136.0	Sg	09:40:32.270	0.8	---														m_e		
WLF	1.88	187.0	Sg	09:40:33.403	-0.8	---														m_e	ML	2.3

Event 20211006 Zug, Schwyz/Ch, Zuger See

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/11	22:45:27.30	0.09	0.26	47.1393	8.5772	2.8	1.6	000	32.0f		100	40	059				m i ke LDG	20211046
2012/02/11	22:45:26.00			47.1500	8.5500				32.0								m i uk SED	20211036
2012/02/11	22:45:29.20	0.88	0.31	47.3390	8.6120				20.0f			13	271	1.01	4.16	m i ke BNS	20211026	
2012/02/11	22:45:27.33	0.50	0.69	47.1220	8.5380	6.7	3.3	013	10.0f		13	7	194	0.39	2.12	m i ke BGR	20211016	
2012/02/11	22:45:27.30	0.40	0.35	47.1600	8.5400	5.0	2.0	004	32.0f		42	19	197	0.36	3.22	m i ke LED	20211006	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		LDG	20211046
ML	4.2		SED	20211036
ML	3.4		BNS	20211026
ML	4.2	0.3	6 BGR	20211016
ML	4.0	0.3	30 LED	20211006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WILA	0.36	44.3	P*	22:45:35.570						T_				mc_ ML	4.7
WILA	0.36	44.3	S*	22:45:41.860						T_				m_	
SULZ	0.47	322.0	P*	22:45:37.430						T_				mdi ML	4.5
SULZ	0.47	322.0	S*	22:45:44.610						T_				m_	
PLONS	0.58	100.7	Pg	22:45:38.805						---				m_e	
PLONS	0.58	100.7	Sg	22:45:47.412						---				m_e	
SISB	0.60	28.5	P	22:45:38.940						T_				mc_ ML	4.4
SISB	0.60	28.5	Pg	22:45:39.780						T_				m_	
SISB	0.60	28.5	Sg	22:45:48.380						T_				m_	
BALST	0.60	287.4	P	22:45:39.020						T_				mc_ ML	4.4
BALST	0.60	287.4	S	22:45:47.670						T_				m_	

SLE	0.61	357.0	P	22:45:38.760	T__	md__ML	4.3
SLE	0.61	357.0	Pg	22:45:39.470	T__	m__	
SLE	0.61	357.0	Sg	22:45:48.140	T__	m__	
LIENZ	0.66	77.8	P	22:45:40.250	T__	mc__ML	3.9
LIENZ	0.66	77.8	Pg	22:45:40.640	T__	m__	
LIENZ	0.66	77.8	Sg	22:45:50.670	T__	m__	
END	0.78	315.9	P	22:45:41.230	T__	m__ML	4.1
END	0.78	315.9	Pg	22:45:42.320	T__	m__	
END	0.78	315.9	Sg	22:45:52.700	T__	m__	
FELD	0.80	333.4	P	22:45:41.600	T__	md__	
FELD	0.80	333.4	Pg	22:45:42.870	T__	m__	
KIZ	0.90	332.4	P	22:45:42.750	T__	md__ML	4.2
KIZ	0.90	332.4	Pg	22:45:44.460	T__	m__	
KIZ	0.90	332.4	Sg	22:45:56.390	T__	m__	
BOURR	0.92	285.3	P	22:45:43.400	T__	mc__ML	3.8
BOURR	0.92	285.3	Pg	22:45:45.060	---	m__	
BOURR	0.92	285.3	S	22:45:54.760	---	m__	
BOURR	0.92	285.3	Sg	22:45:57.580	T__	m__	
DAVA	0.92	81.6	P	22:45:43.980	T__	mc__ML	3.8
DAVA	0.92	81.6	Pg	22:45:44.730	T__	m__	
DAVA	0.92	81.6	Sg	22:45:57.370	T__	m__	
SPAK	0.96	9.9	P	22:45:44.130	T__	m__	
SPAK	0.96	9.9	Sg	22:45:58.330	---	m__	
FBB	0.96	331.4	P	22:45:43.760	T__	m__	
FBB	0.96	331.4	Pg	22:45:45.470	T__	m__	
GUT	0.99	22.8	P	22:45:43.650	T__	md__ML	4.2
GUT	0.99	22.8	Pg	22:45:46.130	T__	m__	
GUT	0.99	22.8	S*	22:46:05.600	---	m__	
GUT	0.99	22.8	Sg	22:45:59.550	T__	m__	
MOF	1.18	306.6	P	22:45:47.130	T__	m__	
LOMF	1.18	280.0	P	22:45:47.040	T__	mc__	
BFO	1.18	353.2	P	22:45:46.460	T__	md__ML	3.8
BFO	1.18	353.2	Pg	22:45:49.210	---	m__	
BFO	1.18	353.2	Sg	22:46:04.810	T__	m__	
UBR	1.18	63.3	P	22:45:47.230	T__	mc__ML	4.1
UBR	1.18	63.3	Pg	22:45:49.760	T__	m__	
UBR	1.18	63.3	Sg	22:46:06.270	T__	m__	
OBER	1.21	77.6	P	22:45:47.940	T__	m__	
OBER	1.21	77.6	Sg	22:46:06.486	---	m_e	
OPP	1.36	350.1	P	22:45:48.860	---	md__ML	3.7
BUCH	1.40	22.6	P	22:45:49.180	---	mc__ML	4.4
BUCH	1.40	22.6	Sg	22:46:12.220	---	m__	
TUBL	1.41	14.8	P	22:45:49.450	---	m__ML	4.1
LBG	1.51	6.4	P	22:45:50.830	---	md__ML	4.0
RETA	1.54	76.9	P	22:45:52.090	---	m__	
STU	1.67	15.0	P	22:45:52.410	---	m__ML	4.0
STU	1.67	15.0	Pg	22:45:52.964	---	m_e	
HDH	1.81	37.5	P	22:45:54.270	---	m__ML	4.1
LANF	1.89	345.2	P	22:45:56.650	---	m__	
PEB	1.98	344.2	P	22:45:57.760	---	m__ML	3.8
THEF	2.02	302.9	P	22:45:59.170	---	m__	
TMO58	2.04	353.6	P	22:45:59.060	---	m__	
FUR	2.10	60.4	Pg	22:46:00.503	---	m_eML	4.2
FUR	2.10	60.4	Sg	22:46:34.265	---	m_e	

KTD	2.18	352.2	P	22:46:00.790	---	m	ML	4.0
SIND	2.30	17.6	P	22:46:00.610	---	m	ML	3.8
SWS	2.33	2.6	P	22:46:01.780	---	m	ML	3.7
TOD	2.45	4.0	P	22:46:03.490	---	m		
IMS	2.47	350.3	P	22:46:04.300	---	m	ML	3.7
GRC1	2.71	46.2	P	22:46:06.340	---	m	ML	4.0
ABH	2.80	346.8	P	22:46:09.170	---	m	ML	3.4
WLF	2.96	328.6	P	22:46:12.810	---	m	ML	3.6
WBG	3.06	9.7	P	22:46:08.260	---	m	ML	3.9
TNS	3.06	358.9	P	22:46:12.560	---	m	ML	3.4
BGG	3.15	345.8	Pn	22:46:14.400	---	m	e	
BGG	3.15	345.8	Sn	22:46:48.900	---	82.2	0.63	m_e
FACH	3.22	353.8	P	22:46:14.800	---	m	ML	3.5
KOE	3.31	351.0	Pn	22:46:16.900	---	m	e	
HILG	3.36	339.3	Pn	22:46:17.400	---	m	e	
STB	3.61	342.6	Pn	22:46:20.700	---	m	e	
KLL	3.78	338.0	Pn	22:46:23.100	---	m	e	
DREG	3.82	337.5	Pn	22:46:23.600	---	m	e	
HOBG	3.90	348.8	Pn	22:46:24.100	---	m	e	
BNS	3.91	347.3	Pn	22:46:24.900	---	m	e	
LAUG	4.32	346.6	Pn	22:46:30.500	---	m	e	

Event 20213003 Rotenburg/Soltau

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/13	06:04:31.60	1.02	0.31	53.0520	9.6560				3.0f			10	250	1.11	3.19	m i ki	BNS	20213013
2012/02/13	06:04:30.24	0.24	0.80	53.0210	9.5790	3.3	3.3	110	5.0f		31	26	063	0.14	4.92	m i ki	BGR	20213003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		BNS	20213013
ML	2.9	0.3	15 BGR	20213003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GOLD	0.14	223.1	Pg	06:04:34.947	2.0					T				m_e	
IGAD	0.58	294.3	Pg	06:04:41.705	0.4					T				m_e ML	2.9
HAM3	0.59	23.3	Pg	06:04:43.961	2.5					T				m_e ML	3.1
CLNZ	0.83	94.9	Pg	06:04:48.209	2.3					T				m_e ML	3.4
CLNZ	0.83	94.9	Sg	06:04:59.638	3.0					T				m_e	
GOR6	0.96	90.4	Pg	06:04:49.665	1.3					T				m_e	
ZARR	0.96	55.8	Pg	06:04:49.908	1.5					T				m_e ML	3.4
ZARR	0.96	55.8	Sg	06:05:04.239	3.4					T				m_e	
BSEG	1.01	25.4	Pg	06:04:50.600	1.2					T				m_e ML	2.8
BSEG	1.01	25.4	Sg	06:05:04.142	1.7					T				m_e	
GOR2	1.04	86.8	Pg	06:04:50.609	0.8					T				m_e	
GOR1	1.04	91.0	Pg	06:04:50.850	1.0					T				m_e	
ASSE	1.11	142.8	Pg	06:04:51.804	0.6					T				m_e ML	2.5
ASSE	1.11	142.8	Sg	06:05:07.321	1.7					T				m_e	
GOR3	1.12	88.6	Pg	06:04:52.051	0.8					T				m_e	
FLT1	1.22	123.8	Pg	06:04:54.070	0.8					T				m_e ML	2.7
FLT1	1.22	123.8	Sg	06:05:10.975	2.0					T				m_e	
CLZ	1.27	157.4	Pg	06:04:54.428	0.2					T				m_e ML	2.7

IBBN	1.31	237.8	Pg	06:04:56.117	1.1	T__	m_e	ML	3.0
HLG	1.54	319.8	Pg	06:04:58.070	-1.2	T__	m_e		
WIMM	1.91	141.1	Pn	06:05:02.713	0.1	T__	m_e	ML	2.5
WTSB	1.99	239.2	Pg	06:05:04.834	-3.0	__	m_e		
VITZ	2.16	171.4	Pn	06:05:06.413	0.5	T__	m_e		
UBBA	2.22	173.1	Pn	06:05:06.673	-0.1	T__	m_e	ML	2.5
HOBG	2.46	215.0	Pn	06:05:12.100	2.0	__	m_e		
HWTS	2.70	153.5	Pn	06:05:14.564	1.3	T__	m_e		
CLL	2.71	127.8	Pn	06:05:14.600	1.1	__	m_e		
MLFH	2.71	144.3	Pn	06:05:14.691	1.2	T__	m_e		
TNS	2.89	194.5	Pn	06:05:16.470	0.6	T__	m_e	ML	3.0
SCHF	2.92	142.2	Pn	06:05:17.625	1.3	T__	m_e	ML	2.9
STB	2.96	216.0	Pn	06:05:19.100	2.3	__	m_e		
WERD	3.08	145.6	Pn	06:05:19.338	0.9	T__	m_e		
BGG	3.14	207.2	Pn	06:05:21.600	2.3	__	m_e		
NKC	3.31	146.3	Pn	06:05:23.200	1.6	T__	m_e	ML	3.1
BRG	3.44	126.9	Pn	06:05:25.123	1.8	T__	m_e		
GEC2	4.92	146.5	Pn	06:05:45.600	2.2	T__	m_e		

Event 20214010 Feldkirch/A, Swiss-Liechtenstein-Austrian border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/14	13:30:56.79	0.55	0.83	47.2702	9.4319	4.5	1.8	119	0.0	0.0	19	4	100			m i uk	ZAMG	20214030
2012/02/14	13:30:56.00			47.2500	9.4900				2.0							m i uk	SED	20214020
2012/02/14	13:30:58.11	0.29	0.62	47.2100	9.4970	4.4	2.2	003	10.0f		17	10	119	0.18	2.97	m i ke	BGR	20214010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	7 ZAMG	20214030
ML	1.8		SED	20214020
ML	1.7	0.4	7 BGR	20214010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	0.18	206.2	Pg	13:31:01.097	-0.8					T__				m_e	ML 1.0
PLONS	0.18	206.2	Sg	13:31:04.370	-0.1					T__				m_e	
DAVA	0.27	73.4	Pg	13:31:02.826	-0.7					T__				m_e	ML 1.3
DAVA	0.27	73.4	Sg	13:31:07.374	0.2					T__				m_e	
WILA	0.45	297.3	Pg	13:31:06.204	-0.5					T__				m_e	ML 2.0
WILA	0.45	297.3	Sg	13:31:13.399	0.7					T__				m_e	
SLE	0.88	309.7	Sg	13:31:25.827	-0.3					T__				m_e	ML 1.7
SULZ	0.99	289.3	Sg	13:31:30.687	1.0					T__				m_e	ML 2.1
BALST	1.23	276.5	Pg	13:31:21.625	0.3					T__				m_e	ML 2.3
BALST	1.23	276.5	Sg	13:31:37.707	0.4					T__				m_e	
BFO	1.37	325.4	Pg	13:31:23.256	-0.7					T__				m_e	ML 1.7
BFO	1.37	325.4	Sg	13:31:41.518	-0.1					T__				m_e	
WTTA	1.45	87.1	Pg	13:31:26.304	0.7					T__				m_e	
WTTA	1.45	87.1	Sg	13:31:44.777	0.4					T__				m_e	
RJOB	2.29	75.5	Sg	13:32:12.197	1.2					T__				m_e	
WET	2.97	48.1	Pn	13:31:44.110	-0.2					T__				m_e	
WET	2.97	48.1	Sg	13:32:31.735	-0.8					T__				m_e	

Station	Time	Phase	Depth	Mag	Def	SNR	Amp	Per	Qual	Magnitude
HILG	07:06:53.436	Sg	0.6	1.31	185.4	---			m_e	
BGG	07:06:37.940	Pg	0.0	1.42	167.9	---			m_e	
BGG	07:06:55.813	Sg	-0.5	1.42	167.9	---			m_e	
LOH	07:06:56.027	Sg	-0.6	1.43	188.6	---	136.2	0.13	m_e	
TNS	07:07:03.641	Sg	-1.4	1.70	143.6	---			m_e ML	2.4
WLF	07:07:12.186	Sg	-2.0	1.99	193.5	---			m_e ML	2.6
UBBA	07:06:51.746	Pg	0.9	2.11	110.5	---			m_e	

Event 20216012 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/16	22:28:53.10	0.40	0.62	50.2300	18.8280	15.6	4.4	000	1.0f		7	6	159	0.59	3.17	m i ki	BGR	20216042

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.4	6 BGR	20216042

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OKC	0.59	228.4	Pg	22:29:05.228	1.0					T__				m_e ML	2.3
OJC	0.62	90.6	Pg	22:29:05.405	0.6					T__				m_e ML	2.9
OJC	0.62	90.6	Sg	22:29:14.120	1.3					T__				m_e	
MORC	0.94	241.7	Pn	22:29:11.258	-1.6					T__				m_e ML	3.6
DPC	1.61	275.3	Sg	22:29:43.757	-0.3					T__				m_e ML	3.5
KSP	1.72	291.8	Pn	22:29:22.708	-0.7					T__				m_e ML	2.9
BRG	3.17	283.6	Pg	22:29:52.579	-0.3					T__				m_e ML	3.2

Event 20219004 Innsbruck, Hall/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/19	04:43:45.16	0.11	0.35	47.3252	11.4676	1.1	0.7	002	6.6	1.3	56	11	022			m i fe	ZAMG	20219014
2012/02/19	04:43:47.13	0.22	1.33	47.3090	11.4740	4.4	3.3	178	5.0f		31	16	148	0.12	2.51	m i ke	BGR	20219004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	16 ZAMG	20219014
ML	2.0	0.3	9 BGR	20219004

Effects	Loctyp	Location	Intensity	Scale	Author
	Summar		4.0	EMS	ZAMG

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.12	112.3	Pg	04:43:48.627	-0.9					T__				m_e	
WTTA	0.12	112.3	Sg	04:43:50.488	-0.7					T__				m_e	
OBER	0.81	277.4	Pg	04:44:01.848	-0.5					T__				m_e ML	1.7
OBER	0.81	277.4	Sg	04:44:13.860	1.1					T__				m_e	
FUR	0.86	351.2	Pg	04:44:03.207	-0.2					T__				m_e	
FUR	0.86	351.2	Sg	04:44:15.413	0.8					T__				m_e	
RJOB	0.99	63.9	Pg	04:44:07.628	1.8					T__				m_e ML	1.9
RJOB	0.99	63.9	Sg	04:44:21.884	3.3					T__				m_e	
DAVA	1.08	269.4	Pg	04:44:06.546	-1.0					T__				m_e ML	2.1
DAVA	1.08	269.4	Sg	04:44:23.973	2.5					T__				m_e	

KBA	1.29	99.6	Pg	04:44:10.109	-1.4	T__	m_e	ML	1.8
KBA	1.29	99.6	Sg	04:44:28.658	0.5	T__	m_e		
PLONS	1.45	260.4	Pg	04:44:14.645	0.3	T__	m_e	ML	1.7
PLONS	1.45	260.4	Sg	04:44:34.126	1.0	T__	m_e		
WILA	1.74	274.4	Pg	04:44:18.955	-1.0	T__	m_e	ML	2.4
WILA	1.74	274.4	Sg	04:44:43.440	1.0	T__	m_e		
MOA	1.96	73.0	Pg	04:44:22.443	-1.6	T__	m_e		
MOA	1.96	73.0	Sg	04:44:49.775	0.4	T__	m_e		
WET	2.06	26.5	Pn	04:44:21.014	-0.5	T__	m_e	ML	2.3
WET	2.06	26.5	Sn	04:44:47.194	1.1	T__	m_e		
SLE	2.06	283.9	Sg	04:44:52.320	-0.4	T__	m_e	ML	2.2
GEC2	2.14	43.3	Pn	04:44:22.143	-0.5	T__	m_e	ML	2.2
GEC2	2.14	43.3	Sn	04:44:50.190	2.2	T__	m_e		
GEC2	2.14	43.3	Sg	04:44:54.109	-1.0	T__	m_e		
OBKA	2.25	109.7	Pg	04:44:28.912	-0.6	T__	m_e		
OBKA	2.25	109.7	Sg	04:45:00.145	1.6	T__	m_e		
BFO	2.35	297.0	Pn	04:44:26.339	0.9	T__	m_e		
BFO	2.35	297.0	Sg	04:45:00.282	-1.4	T__	m_e		
GRA1	2.39	356.1	Sg	04:45:02.417	-0.6	T__	m_e		
ROTZ	2.51	10.9	Pg	04:44:32.810	-1.5	T__	m_e		
ROTZ	2.51	10.9	Sg	04:45:05.151	-1.6	T__	m_e		

Event 20219005 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/19	09:41:23.50	0.32	0.69	51.5250	6.5810	4.4	3.3	112	1.0f		13	7	096	0.44	1.76	m i k i	BGR	20219015
2012/02/19	09:41:20.90			51.5320	6.4940				1.0f							m i k i	BUG	20219005
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	1.8	0.1	4 BGR	20219015
ML	2.0		BUG	20219005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OPLO	0.39	281.4	Sg	09:41:38.799	5.4									m_e	
WTSB	0.47	23.4	Pg	09:41:31.863	2.0									m_e	ML 1.7
WTSB	0.47	23.4	Sg	09:41:38.223	2.3									m_e	
BUG	0.49	100.4	Pg	09:41:31.100	0.9					TA_				m_e	ML 2.0
BUG	0.49	100.4	Sg	09:41:38.200	1.7					TA_				m_e	
HGN	0.85	204.9	Pg	09:41:39.035	2.2									m_e	ML 1.9
HGN	0.85	204.9	Sg	09:41:51.681	3.9									m_e	
MEM	0.97	198.4	Pg	09:41:40.744	1.5									m_e	
MEM	0.97	198.4	Sg	09:41:54.746	3.0									m_e	
AHRW	1.06	159.5	Pg	09:41:42.564	1.8									m_e	ML 1.9
AHRW	1.06	159.5	Sg	09:41:57.126	2.7									m_e	
TNS	1.80	136.0	Pn	09:41:54.328	2.1									m_e	
TNS	1.80	136.0	Sg	09:42:19.232	1.2									m_e	

Event 20221007 Koblenz/Middle Rhine Area

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/21	02:34:57.00	0.06	0.74	50.3634	7.3534	1.2	1.0	032	10.0	0.0	95	22	040			m i ke	LDG	20221047
2012/02/21	02:34:57.40	0.98	0.31	50.3900	7.3500				11.2	3.7		11	227			m i ke	GDRNW	20221037
2012/02/21	02:34:56.95	0.31	0.50	50.3850	7.3620	4.4	3.3	093	10.0f		11	6	083	0.24	2.39	m i ke	BGR	20221027
2012/02/21	02:34:57.50	1.04	0.31	50.3710	7.3850				10.6	5.4		21	050	0.17	2.70	m i ke	BNS	20221017
2012/02/21	02:34:57.62	0.14	0.32	50.3760	7.3830	1.5	1.3	347	11.0	3.0	47	23	089	0.17	2.67	m i ke	LED	20221007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.1	0.0	3 LDG	20221047
ML	2.9	0.3	25 LDG	20221047
ML	2.4		GDRNW	20221037
ML	2.4	0.2	6 BGR	20221027
ML	2.4		BNS	20221017
ML	2.5	0.1	23 LED	20221007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BHE	0.13	260.0	Pg	02:35:00.639	-0.1									m_i	
BHE	0.13	260.0	Sg	02:35:02.511	-0.3							1692.7	0.10	m_e	
BGG	0.17	189.8	P*	02:35:01.260										mci	
BGG	0.17	189.8	S*	02:35:03.620										m__	
KOE	0.23	77.4	P*	02:35:02.300										mdi	
KOE	0.23	77.4	S*	02:35:05.480										m__	
AHRW	0.26	310.3	P*	02:35:02.680										md_ ML	2.5
AHRW	0.26	310.3	S*	02:35:05.900										m__	
FSH	0.35	210.5	P*	02:35:03.970										mc_ ML	2.5
FSH	0.35	210.5	S*	02:35:08.290										m__	
FACH	0.39	92.7	P*	02:35:05.060										mdi ML	2.3
FACH	0.39	92.7	S*	02:35:09.710										m__	
STB	0.41	302.5	P*	02:35:05.570										mdi	
STB	0.41	302.5	S*	02:35:10.460										m__	
WBS	0.43	351.7	Pg	02:35:06.075	0.1									m_e	
WBS	0.43	351.7	Sg	02:35:11.295	-0.5							196.9	0.08	m_e	
HILG	0.46	259.7	P*	02:35:06.140										mc_	
BIW	0.46	39.0	P*	02:35:07.200										m__	
BIW	0.46	39.0	S*	02:35:11.550										m__	
ABH	0.51	167.9	P*	02:35:08.340										m__	
ABH	0.51	167.9	S*	02:35:13.190										m__	
WBC	0.57	87.9	P*	02:35:08.250										md_ ML	2.8
WBC	0.57	87.9	PmP	02:35:09.780	-1.4									m__	
LOH	0.58	250.7	Pg	02:35:08.223	-0.4									m_e	
LOH	0.58	250.7	Sg	02:35:15.997	-0.2							219.5	0.10	m_e	
BNS	0.60	347.5	Pg	02:35:08.929	-0.2									mce	
BT1Q	0.60	347.5	P*	02:35:00.240										mdi	
BT1Q	0.60	347.5	S*	02:35:01.990										m__	
HOBG	0.61	357.1	Pg	02:35:09.031	-0.2									mce	
OLFT	0.62	281.3	Pg	02:35:09.310	-0.2									m_e	
OLFT	0.62	281.3	Sg	02:35:17.277	-0.4									m_e	
TNS	0.70	102.3	P*	02:35:10.570										md_ ML	2.4
TNS	0.70	102.3	PmP	02:35:11.860	-1.3									m__	
TNS	0.70	102.3	SmS	02:35:21.790	-2.0									m__	
RUP	0.71	197.3	P*	02:35:10.260										mc_	
RUP	0.71	197.3	Pg	02:35:10.860	-0.2									m__	
BLI	0.71	258.8	P*	02:35:10.480										md_ ML	2.4

BLI	0.71	258.8	SmS	02:35:23.180	-1.1	T__	m__			
PLH	0.72	330.6	Pg	02:35:11.269	-0.1	---	m_e			
PLH	0.72	330.6	Sg	02:35:20.020	-0.8	---	m_e	383.5	0.16	
GSH	0.73	299.8	Pg	02:35:11.040	-0.5	---	m_e			
GSH	0.73	299.8	Sg	02:35:20.633	-0.5	---	m_e	59.6	0.07	
KLL	0.73	292.1	Pg	02:35:11.070	-0.5	---	mde			
RIVT	0.78	210.9	P*	02:35:11.010		T__	m__	ML		2.7
RIVT	0.78	210.9	SmS	02:35:24.820	-1.2	T__	m__			
DREG	0.79	291.9	Pg	02:35:12.208	-0.3	---	mde			
IMS	0.85	156.7	P*	02:35:13.600		T__	md__	ML		2.9
IMS	0.85	156.7	PmP	02:35:14.420	-1.2	T__	m__			
IMS	0.85	156.7	SmS	02:35:25.650	-2.4	T__	m__			
ENTS	0.87	1.2	Pg	02:35:13.205	-0.8	---	m_e			
ENTS	0.87	1.2	Sg	02:35:25.182	-0.1	---	m_e			
MEM	0.90	285.5	P*	02:35:14.160		T__	m__			
MEM	0.90	285.5	SmS	02:35:27.050	-2.5	T__	m__			
ACN	0.92	296.3	Pg	02:35:14.412	-0.6	---	m_e			
ACN	0.92	296.3	Sg	02:35:26.176	-0.7	---	m_e			
WBB	0.98	122.5	P	02:35:17.850		---	m__	ML		2.3
WBB	0.98	122.5	Pg	02:35:18.870	2.7	---	m__			
LAUG	1.01	344.3	Pg	02:35:16.191	-0.6	---	mde			
HES	1.01	347.9	Pg	02:35:15.300	-1.5	---	m_e			
DUP	1.04	202.0	P*	02:35:16.180		T__	m__	ML		2.4
DUP	1.04	202.0	SmS	02:35:30.820	-2.6	T__	m__			
SORT	1.04	20.6	Pg	02:35:16.737	-0.6	---	m_e			
SORT	1.04	20.6	Sg	02:35:30.680	-0.2	---	m_e	62.6	0.23	
RWB	1.06	313.5	Sg	02:35:30.540	-1.0	---	m_e	71.6	0.14	
WLF	1.06	228.5	P*	02:35:15.800		T__	m__	ML		2.4
WLF	1.06	228.5	Pg	02:35:16.640	-1.1	T__	m__			
WLF	1.06	228.5	SmS	02:35:31.700	-2.5	---	m__			
BUG	1.07	356.2	Pg	02:35:17.161	-0.7	---	mce	ML		2.5
BUG	1.07	356.2	Sg	02:35:30.193	-1.5	---	m_e			
KTD	1.15	156.6	Pg	02:35:19.140	-0.2	T__	m__	ML		2.9
KTD	1.15	156.6	Sg	02:35:33.660	-0.6	T__	m__			
WBA	1.17	127.5	P	02:35:21.210		---	m__	ML		2.4
WBA	1.17	127.5	Pg	02:35:22.170	2.4	---	m__			
TOD	1.19	129.6	Pg	02:35:19.830	-0.4	T__	m__			
SWS	1.23	135.9	Pg	02:35:20.210	-0.7	T__	m__	ML		2.5
SWS	1.23	135.9	Sg	02:35:35.470	-1.4	T__	m__			
WBG	1.27	98.5	Pg	02:35:18.590	-3.1	---	m__	ML		2.6
PEB	1.33	170.5	Pg	02:35:21.740	-1.0	T__	m__	ML		2.8
PEB	1.33	170.5	Sg	02:35:38.720	-1.2	T__	m__			
UBBA	1.72	74.1	Pg	02:35:26.394	-3.7	---	m_e			
SIND	1.76	124.8	P	02:35:27.520		---	m__	ML		2.5
SIND	1.76	124.8	Pg	02:35:30.620	-0.3	---	m__			
LBG	1.94	151.3	Sg	02:35:57.150	-2.2	---	m__	ML		2.5
WLS	1.96	180.6	Pg	02:35:32.470	-2.2	---	m__			
BFO	2.14	162.9	P	02:35:32.750		---	m__	ML		2.5
BFO	2.14	162.9	Pg	02:35:37.042	-0.9	---	m_e			
BFO	2.14	162.9	Sg	02:36:05.253	-0.3	---	m_e			
THEF	2.33	203.4	Pg	02:35:39.150	-2.4	---	m__			
CLZ	2.38	50.9	Pn	02:35:34.800	-0.9	---	m_e	ML		2.8
CLZ	2.38	50.9	Pg	02:35:41.212	-1.3	---	m_e			
KIZ	2.44	171.6	Pg	02:35:42.420	-1.3	---	m__	ML		2.5

KIZ 2.44 171.6 Sg 02:36:13.940 -1.4
 END 2.67 174.9 Pg 02:35:46.560 -1.4
 MOX 2.70 82.7 Pn 02:35:39.600 -0.5

m__
 m__ ML 2.3
 m_e

Event 20221009 Lahr/Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/21	08:15:11.00			48.2700	7.7800				8.0							m i uk	SED	20221039
2012/02/21	08:15:11.40	0.05	0.42	48.2830	7.7479	1.1	1.0	127	15.0	0.0	24	9	039			m i ke	LDG	20221029
2012/02/21	08:15:11.64	0.59	0.39	48.2870	7.7550	6.7	3.3	098	10.0f		11	6	191	0.38	1.99	m i ke	BGR	20221019
2012/02/21	08:15:11.30	0.16	0.22	48.2870	7.7480	1.7	1.3	110	11.0	3.0	36	18	063	0.29	1.60	m i ke	LED	20221009

Magnitude	Err	Nsta	Author	OrigID
ML	1.7		SED	20221039
MD	2.6	1	LDG	20221029
ML	2.3	0.3	6 LDG	20221029
ML	1.7	0.3	5 BGR	20221019
ML	1.6	0.2	16 LED	20221009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLS	0.29	295.8	P*	08:15:17.260						T__				md__	
WLS	0.29	295.8	S*	08:15:21.360						T__				m__	
WLS	0.29	295.8	SmS	08:15:25.850	-2.2					T__				m__	
KIZ	0.35	161.0	P*	08:15:18.240						T__				mdi ML	1.1
KIZ	0.35	161.0	S*	08:15:22.700						T__				m__	
OPP	0.36	54.0	P*	08:15:18.390						T__				mci ML	1.4
OPP	0.36	54.0	PmP	08:15:19.560	-2.5					T__				m__	
OPP	0.36	54.0	S*	08:15:23.950						T__				m__	
BFO	0.39	83.4	P*	08:15:19.030						T__				mc ML	1.5
BFO	0.39	83.4	S*	08:15:24.100						T__				m__	
FELD	0.44	157.3	P*	08:15:20.090						T__				md__	
FELD	0.44	157.3	S*	08:15:25.970						T__				m__	
FELD	0.44	157.3	SmS	08:15:29.350	-1.8					T__				m__	
END	0.57	180.7	P*	08:15:22.860						T__				m__	
END	0.57	180.7	S*	08:15:29.790						T__				m__	
END	0.57	180.7	SmS	08:15:31.630	-2.6					T__				m__	
MOF	0.60	223.6	P*	08:15:22.830						T__				mc__	
MOF	0.60	223.6	PmP	08:15:23.750	-1.6					T__				m__	
SLE	0.72	136.0	P*	08:15:25.150						T__				md ML	1.5
SLE	0.72	136.0	Sg	08:15:33.828	-0.6					T__				m_e	
SLE	0.72	136.0	SmS	08:15:36.450	-1.7					T__				m__	
PEB	0.78	358.5	P*	08:15:26.400						T__				m ML	1.7
PEB	0.78	358.5	PmP	08:15:26.960	-1.2					T__				m__	
PEB	0.78	358.5	S*	08:15:36.510						T__				m__	
LBG	0.79	61.1	PmP	08:15:26.770	-1.6					T__				m__	
LBG	0.79	61.1	SmS	08:15:38.190	-1.9					T__				m__	
SULZ	0.80	162.0	P*	08:15:26.670						T__				md ML	1.4
SULZ	0.80	162.0	PmP	08:15:27.010	-1.4					T__				m__	
SULZ	0.80	162.0	S*	08:15:37.330						T__				m__	
SULZ	0.80	162.0	SmS	08:15:38.450	-1.8					T__				m__	
GUT	0.94	102.8	P	08:15:28.450						T__				m ML	1.9

GUT	0.94	102.8	Pg	08:15:29.640	0.6	T__	m__		
GUT	0.94	102.8	Sg	08:15:41.510	0.3	T__	m__		
BALST	0.95	182.2	Pg	08:15:29.570	0.2	T__	m__	ML	1.8
BALST	0.95	182.2	Sg	08:15:41.792	0.1	---	m_e		
BOURR	0.96	201.4	Pg	08:15:29.760	0.3	---	m__	ML	1.6
BOURR	0.96	201.4	Sg	08:15:42.750	0.9	T__	m__		
BUCH	1.08	80.7	Sg	08:15:46.380	0.7	---	m__	ML	1.8
LOMF	1.12	213.8	Sg	08:15:47.890	0.8	T__	m__		
WILA	1.17	137.8	Pg	08:15:33.795	0.4	---	m_e	ML	1.9
WILA	1.17	137.8	Sg	08:15:49.900	1.3	T__	m__		
THEF	1.17	267.8	Pg	08:15:33.470	0.1	T__	m__		
THEF	1.17	267.8	Sg	08:15:48.960	0.4	---	m__		
IMS	1.31	4.3	Pg	08:15:36.350	0.3	T__	m__	ML	1.8
IMS	1.31	4.3	Sg	08:15:53.580	0.5	T__	m__		
SWS	1.35	27.3	Sg	08:15:54.700	0.4	---	m__	ML	1.8
RUP	1.49	342.5	Pg	08:15:39.420	0.1	---	m__		
RIVT	1.56	336.0	Pg	08:15:40.610	-0.2	---	m__	ML	1.5
ABH	1.60	355.4	Pg	08:15:41.480	-0.0	---	m__	ML	1.6
ABH	1.60	355.4	Sg	08:16:01.840	-0.4	---	m__		
TNS	1.99	13.0	Sg	08:16:14.901	0.3	---	m_e		

Event 20222005 Erkelenz, SW of Moenchengladbach

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/22	20:38:45.40	0.06	0.48	50.9964	6.1792	1.3	0.9	126	12.0f		50	11	101			m i ke	LDG	20222025
2012/02/22	20:38:45.65	0.27	0.51	50.9850	6.2020	3.3	2.2	115	10.0f		16	9	080	0.28	1.62	m i ke	BGR	20222015
2012/02/22	20:38:45.60	1.56	0.41	51.0070	6.1510				12.2	6.0		21	153	0.14	1.34	m i ke	BNS	20222005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.5	1	LDG	20222025
ML	2.5	0.3	12 LDG	20222025
ML	2.0	0.2	5 BGR	20222015
ML	1.8		BNS	20222005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RODG	0.14	7.6	Pg	20:38:49.267	0.3					T__				mde	
RODG	0.14	7.6	Sg	20:38:52.261	1.0					T__		1157.3	0.14	m_e	
HGN	0.28	209.7	Pg	20:38:51.088	-0.2					T__				mce	ML 1.6
HGN	0.28	209.7	Sg	20:38:55.130	-0.0					T__				m_e	
DREG	0.35	171.4	Pg	20:38:52.191	-0.3					T__				mce	
DREG	0.35	171.4	Sg	20:38:56.921	-0.3					T__		52.1	0.26	m_e	
KLL	0.37	164.2	Pg	20:38:52.630	-0.3					T__				mce	
MEM	0.41	192.7	Pg	20:38:53.301	-0.3					T__				mce	
MEM	0.41	192.7	Sg	20:38:58.920	-0.1					T__				m_e	
STB	0.60	133.2	Pg	20:38:57.183	0.1					T__				mde	
LAUG	0.60	55.0	Pg	20:38:56.663	-0.5					T__				mde	
LAUG	0.60	55.0	Sg	20:39:04.378	-0.7					T__		34.3	0.09	m_e	
OPLO	0.63	344.0	Pg	20:38:53.926	-3.6					---				m_e	
OPLO	0.63	344.0	Sg	20:39:07.540	1.8					---				m_e	
BNS	0.65	93.4	Pg	20:38:58.943	1.0					T__				m_e	
BNS	0.65	93.4	Sg	20:39:06.217	-0.2					T__		95.1	0.36	m_e	

HOBG	0.74	91.3	Pg	20:38:59.640	-0.1	T__												mce		
AHRW	0.75	128.2	Pg	20:38:59.654	-0.2	T__												mde ML	1.8	
AHRW	0.75	128.2	Sg	20:39:09.235	-0.4	---												m_e		
HILG	0.79	154.7	Pg	20:39:00.414	-0.2	T__												mce		
BUG	0.82	57.8	Pg	20:39:00.480	-0.8	T__												mce ML	2.1	
BUG	0.82	57.8	Sg	20:39:11.581	-0.4	T__							35.5	0.20				m_e		
RCHB	1.03	214.9	Pg	20:39:04.683	-0.5	T__												mce		
RCHB	1.03	214.9	Sg	20:39:18.549	-0.1	T__												m_e		
WTSB	1.04	22.6	Pg	20:39:04.487	-0.8	T__												mce ML	2.2	
WTSB	1.04	22.6	Sg	20:39:18.892	0.0	---												m_e		
BGG	1.10	136.3	Pg	20:39:05.191	-1.2	T__												mce		
BGG	1.10	136.3	Sg	20:39:19.740	-1.0	T__							17.0	0.31				m_e		
UCC	1.15	260.2	Sg	20:39:22.556	0.3	---												m_e		
WLF	1.34	180.0	Pg	20:39:10.261	-0.7	T__												m_e ML	2.1	
WLF	1.34	180.0	Sg	20:39:27.339	-1.1	T__												m_e		
TNS	1.65	117.4	Pg	20:39:16.312	-0.5	---												m_e		
TNS	1.65	117.4	Sg	20:39:36.174	-2.1	---												m_e		

Event 20224001 Zug, Schwyz/Ch, Zuger See

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/24	00:32:30.20	0.05	0.37	47.2098	8.5306	1.0	1.0	134	30.0	0.0	130	35	016			m i ke	LDG	20224031
2012/02/24	00:32:29.00			47.1400	8.5300				32.0			0				m i uk	SED	20224021
2012/02/24	00:32:30.27	0.36		47.1490	8.5280	7.8	3.3	022	20.4	0.4	34	19	192	0.37	4.04	m i ke	BGR	20224011
2012/02/24	00:32:30.50	0.20	0.29	47.1700	8.5300	3.0	2.0	006	32.0f		47	19	196	0.35	2.32	m i ke	LED	20224001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	7 LDG	20224031
ML	3.5		SED	20224021
ML	3.4	0.3	15 BGR	20224011
ML	3.4	0.3	22 LED	20224001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WILA	0.35	46.2	P*	00:32:38.600						T__				mc_ ML	3.9
WILA	0.35	46.2	S*	00:32:44.780						T__				m__	
SULZ	0.46	321.9	P*	00:32:40.330						T__				mde ML	3.9
SULZ	0.46	321.9	S*	00:32:47.670						T__				m__	
BALST	0.59	286.6	P	00:32:42.140						T__				mc_ ML	3.7
BALST	0.59	286.6	Sg	00:32:50.950						T__				m__	
PLONS	0.59	101.5	Pg	00:32:41.925						---				m_e ML	3.5
PLONS	0.59	101.5	Sg	00:32:50.170						---				m_e	
SISB	0.59	29.5	P	00:32:42.060						T__				mc_ ML	3.7
SISB	0.59	29.5	Pg	00:32:42.660						T__				m__	
SISB	0.59	29.5	S	00:32:50.610						---				m__	
SISB	0.59	29.5	Sg	00:32:51.650						T__				m__	
SLE	0.60	357.6	P	00:32:41.910						T__				md_ ML	3.6
SLE	0.60	357.6	Sg	00:32:51.020						T__				m__	
LIENZ	0.67	78.8	P	00:32:43.470						T__				mci ML	3.2
LIENZ	0.67	78.8	Sg	00:32:53.180						T__				m__	
END	0.76	315.8	P	00:32:44.220						T__				md_ ML	3.8
END	0.76	315.8	Pg	00:32:45.540						T__				m__	

END	0.76	315.8	Sg	00:32:55.790	T__	m__		
FELD	0.79	333.5	P	00:32:44.720	T__	md__		
FELD	0.79	333.5	Pg	00:32:45.800	T__	m__		
FELD	0.79	333.5	Sg	00:32:56.720	T__	m__		
KIZ	0.89	332.5	P	00:32:45.850	T__	md__ ML	3.5	
KIZ	0.89	332.5	Pg	00:32:47.320	T__	m__		
KIZ	0.89	332.5	S	00:32:57.150	T__	m__		
KIZ	0.89	332.5	Sg	00:32:59.240	T__	m__		
BOURR	0.91	284.8	P	00:32:46.530	T__	mc__ ML	3.3	
BOURR	0.91	284.8	Pg	00:32:47.970	T__	m__		
BOURR	0.91	284.8	S	00:32:57.820	T__	m__		
BOURR	0.91	284.8	Sg	00:33:00.010	T__	m__		
DAVA	0.92	82.3	P	00:32:47.070	T__	mc__ ML	3.3	
DAVA	0.92	82.3	Pg	00:32:47.940	T__	m__		
DAVA	0.92	82.3	Sg	00:33:00.952	T__	m_e		
SPAK	0.95	10.4	Pg	00:32:48.590	T__	mc__		
SPAK	0.95	10.4	Sg	00:33:01.190	T__	m__		
FBB	0.95	331.5	P	00:32:46.780	T__	m__		
FBB	0.95	331.5	Pg	00:32:48.430	T__	m__		
FBB	0.95	331.5	S	00:32:58.170	T__	m__		
FBB	0.95	331.5	Sg	00:33:01.190	T__	m__		
GUT	0.98	23.4	P	00:32:46.840	T__	mc__ ML	3.5	
GUT	0.98	23.4	Pg	00:32:49.060	T__	m__		
GUT	0.98	23.4	S	00:32:59.560	T__	m__		
GUT	0.98	23.4	Sg	00:33:02.480	T__	m__		
MOF	1.16	306.4	P	00:32:50.090	T__	m__		
BFO	1.17	353.4	P	00:32:49.610	T__	md__ ML	3.0	
BFO	1.17	353.4	Pg	00:32:52.130	T__	m__		
BFO	1.17	353.4	S	00:33:03.260	T__	m__		
BFO	1.17	353.4	Sg	00:33:07.660	T__	m__		
LOMF	1.17	279.5	P	00:32:50.150	T__	mc__		
LOMF	1.17	279.5	Pg	00:32:52.450	T__	m__		
LOMF	1.17	279.5	Sg	00:33:07.950	T__	m__		
UBR	1.18	63.9	P	00:32:50.420	T__	mc__ ML	3.2	
UBR	1.18	63.9	Pg	00:32:52.660	T__	m__		
UBR	1.18	63.9	Sg	00:33:08.620	T__	m__		
OBER	1.22	78.1	P	00:32:51.040	T__	mc__		
OBER	1.22	78.1	Sg	00:33:09.510	T__	m__		
OPP	1.35	350.3	P	00:32:52.080	T__	md__ ML	2.8	
OPP	1.35	350.3	Pg	00:32:55.680	T__	m__		
BUCH	1.39	23.1	P	00:32:52.290	T__	m__ ML	3.5	
BUCH	1.39	23.1	Sg	00:33:14.850	T__	m__		
TUBL	1.40	15.1	Sg	00:33:14.720	T__	m__ ML	3.1	
LBG	1.50	6.7	P	00:32:54.000	T__	m__ ML	3.3	
RETA	1.55	77.3	P	00:32:55.230	T__	mc__ ML	2.8	
RETA	1.55	77.3	Pg	00:32:58.430	T__	m__		
HDH	1.81	37.9	P	00:32:57.420	T__	md__ ML	3.4	
HDH	1.81	37.9	Sg	00:33:26.320	T__	m__		
PEB	1.97	344.3	P	00:33:00.910	T__	md__ ML	3.1	
THEF	2.01	302.7	P	00:33:02.280	T__	m__		
FUR	2.10	60.8	Pg	00:33:09.394	T__	m_e ML	3.4	
WTTA	2.11	86.3	Pn	00:33:05.745	T__	m_e		
SIND	2.29	17.8	P	00:33:03.810	T__	md__ ML	3.4	
SWS	2.32	2.7	P	00:33:04.990	T__	m__ ML	2.9	

RJOB	2.94	77.3	Pn	00:33:15.701	---	m_e	
TNS	3.05	359.0	Pn	00:33:16.205	---	m_e ML	3.1
TNS	3.05	359.0	Sg	00:34:09.389	---	m_e	
GRA1	3.09	34.3	Pn	00:33:14.483	---	m_e ML	3.6
KBA	3.28	89.8	Pn	00:33:20.989	---	m_e	
WET	3.51	54.2	Pn	00:33:21.236	---	m_e ML	3.4
WET	3.51	54.2	Sg	00:34:21.416	---	m_e	
ROTZ	3.56	41.8	Pn	00:33:20.780	---	m_e ML	3.5
ROTZ	3.56	41.8	Sg	00:34:22.100	---	m_e	
GEC2	3.84	62.3	Pn	00:33:26.674	---	m_e ML	3.4
GEC2	3.84	62.3	Sn	00:34:09.728	---	m_e	
MOA	3.93	77.9	Pn	00:33:28.463	---	m_e	
MOX	4.02	29.1	Sg	00:34:37.721	---	m_e ML	3.6

Event 20224005 Darmstadt-East

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/24	05:40:42.00	0.11	0.81	49.9044	8.6332	2.0	1.5	062	7.0f		32	13	116			m i ke	LDG	20224035
2012/02/24	05:40:42.30	1.44	0.41	49.9170	8.6130				7.3	9.8		8	206	0.32	1.60	m i ke	BNS	20224025
2012/02/24	05:40:41.86	0.25	0.41	49.9260	8.6960	2.2	2.2	172	10.0f		19	14	085	0.34	2.00	m i ke	BGR	20224015
2012/02/24	05:40:41.82	0.12	0.19	49.9110	8.6750	2.3	0.9	074	7.0f		29	17	101	0.07	2.28	m i ke	LED	20224005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.2	1	LDG	20224035
ML	2.5	0.4	10 LDG	20224035
ML	2.0		BNS	20224025
ML	1.9	0.2	5 BGR	20224015
ML	2.0	0.2	23 LED	20224005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WBB	0.07	186.7	P*	05:40:46.460						---				md_ ML	2.4
WBA	0.27	160.1	P*	05:40:50.620						---				md_ ML	2.0
TOD	0.32	164.7	P*	05:40:48.050						T_				md_	
TOD	0.32	164.7	S*	05:40:52.470						T_				m_	
TNS	0.34	335.0	P*	05:40:49.160						---				m_	
TNS	0.34	335.0	S*	05:40:53.320						T_				m_	
TNS	0.34	335.0	SmS	05:40:57.840	-2.7					T_				m_	
SWS	0.43	177.8	P*	05:40:49.940						T_				md_ ML	2.2
SWS	0.43	177.8	S*	05:40:55.700						T_				m_	
WBC	0.55	331.9	P*	05:40:53.740						T_				m_	
WBC	0.55	331.9	S*	05:40:59.000						T_				m_	
IMS	0.59	237.9	P*	05:40:53.700						T_				m_	
IMS	0.59	237.9	PmP	05:40:55.150	-1.0					T_				m_	
IMS	0.59	237.9	S*	05:41:00.830						T_				m_	
IMS	0.59	237.9	SmS	05:41:04.000	-2.0					T_				m_	
FACH	0.62	315.8	P*	05:40:53.840						T_				m_ ML	1.8
FACH	0.62	315.8	S*	05:41:01.970						T_				m_	
ABH	0.73	268.1	P*	05:40:54.880						---				m_ ML	2.0
ABH	0.73	268.1	PmP	05:40:56.920	-1.3					T_				m_	
KOE	0.79	310.8	Pg	05:40:56.480	-0.3					---				m_e	
LDAU	0.81	206.2	Pg	05:40:58.501	1.4					---				m_e	

SIND	0.82	132.6	P*	05:40:58.050												m__	ML	1.9
SIND	0.82	132.6	SmS	05:41:09.820	-2.2											m__		
BGG	0.91	289.5	Pg	05:40:59.059	0.1											m__		
BGG	0.91	289.5	Sg	05:41:10.256	-0.5						46.9	0.36				m__		
BIW	0.98	327.2	P*	05:41:00.540												m__	ML	2.0
FSH	1.02	279.9	P*	05:41:01.410												m__	ML	2.2
PEB	1.05	216.8	P	05:41:00.780												mC__	ML	2.3
PEB	1.05	216.8	SmS	05:41:17.180	-1.2											m__		
RUP	1.06	259.3	P	05:41:01.290												m__		
RUP	1.06	259.3	Pg	05:41:02.220	0.3											m__		
LANF	1.09	211.6	Sg	05:41:16.910	0.4											m__		
AHRW	1.20	302.2	Pg	05:41:04.920	0.4											m__	ML	1.8
AHRW	1.20	302.2	Sg	05:41:19.633	-0.4											m__		
UBBA	1.24	42.5	Sg	05:41:20.925	-0.4											m__	ML	1.9
RIVT	1.25	261.4	P	05:41:04.460												m__	ML	1.9
RIVT	1.25	261.4	Sg	05:41:22.670	1.1											m__		
LBG	1.25	176.4	Pg	05:41:05.950	0.5											m__	ML	2.2
LBG	1.25	176.4	Sg	05:41:22.380	0.8											m__		
DUP	1.32	248.5	P	05:41:05.460												m__	ML	1.8
DUP	1.32	248.5	Pg	05:41:07.460	0.7											m__		
VITZ	1.33	42.2	Sg	05:41:23.236	-0.9											m__		
TIEF	1.33	45.1	Sg	05:41:23.808	-0.4											m__		
HILG	1.34	287.3	Pg	05:41:05.621	-1.4											m__		
STB	1.36	300.9	Pg	05:41:05.919	-1.5											m__		
STB	1.36	300.9	Sg	05:41:22.948	-2.0						12.3	0.45				m__		
HOBG	1.37	322.0	Pg	05:41:06.138	-1.5											m__		
OPP	1.45	192.9	P	05:41:06.250												m__	ML	2.1
OPP	1.45	192.9	Pg	05:41:09.510	0.4											m__		
OPP	1.45	192.9	S	05:41:24.800												m__		
BUCH	1.53	162.9	Pg	05:41:11.010	0.4											m__	ML	2.2
BUCH	1.53	162.9	Sg	05:41:31.020	0.6											m__		
BFO	1.60	188.3	P	05:41:08.420												m__	ML	2.0
BFO	1.60	188.3	Pg	05:41:12.230	0.3											m__		
BFO	1.60	188.3	Sg	05:41:33.070	0.5											m__		
WLF	1.65	262.4	Pn	05:41:10.603	0.2											m__		
WLF	1.65	262.4	Sg	05:41:34.955	0.8											m__		
GRA1	1.66	96.6	Pg	05:41:13.090	-0.0											m__	ML	2.1
GRA1	1.66	96.6	Sg	05:41:34.870	0.3											m__		
GRA3	1.71	94.0	Pg	05:41:14.018	-0.1											m__		
GRA3	1.71	94.0	Sg	05:41:36.128	-0.1											m__		
SCHD	1.74	68.0	Sg	05:41:36.098	-1.0											m__		
GRA4	1.82	99.9	Sg	05:41:39.487	-0.1											m__		
GRB1	2.00	104.0	Sg	05:41:45.108	-0.2											m__		
MOX	2.02	67.5	Sg	05:41:45.644	-0.3											m__		
SISB	2.23	175.0	Sg	05:41:53.470	0.7											m__	ML	2.0
END	2.28	196.0	Pg	05:41:24.580	-0.2											m__	ML	1.8
END	2.28	196.0	Sg	05:41:53.820	-0.5											m__		

Event 20224006 Tann, E of Fulda

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/24	08:37:34.61	0.23	0.50	50.7100	10.1370	2.2	1.1	033	1.0f		45	24	101	0.13	1.63	m i ki	BGR	20224036

Magnitude Err Nsta Author
ML 2.6 0.2 16 BGR

OrigID
20224036

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TIEF	0.13	8.7	Pg	08:37:37.752	0.6					T__				m_e	
TIEF	0.13	8.7	Sg	08:37:39.724	0.9					T__				m_e	
UBBA	0.14	321.7	Pg	08:37:37.791	0.6					T__				m_e	
UBBA	0.14	321.7	Sg	08:37:39.627	0.6					T__				m_e	
VITZ	0.18	350.8	Pg	08:37:38.594	0.6					T__				m_e	
VITZ	0.18	350.8	Sg	08:37:41.165	0.8					T__				m_e	
SCHD	0.70	104.0	Pg	08:37:48.206	0.3					T__				m_e ML	2.7
SCHD	0.70	104.0	Sg	08:37:57.611	0.6					T__				m_e	
POSS	0.77	36.1	Pg	08:37:49.277	0.1					T__				m_e	
HWTS	0.85	97.4	Pg	08:37:50.965	0.2					T__				m_e	
HWTS	0.85	97.4	Sg	08:38:02.210	0.4					T__				m_e	
MOX	0.94	93.4	Pg	08:37:52.502	0.2					T__				m_e ML	2.5
MOX	0.94	93.4	Sg	08:38:04.862	0.4					T__				m_e	
TAUT	1.03	74.1	Pg	08:37:53.905	-0.1					T__				m_e ML	2.7
TAUT	1.03	74.1	Sg	08:38:07.372	0.0					T__				m_e	
CLZ	1.14	7.3	Pn	08:37:55.475	-1.6					T__				m_e ML	2.6
CLZ	1.14	7.3	Sg	08:38:10.659	-0.2					T__				m_e	
NEUB	1.15	63.6	Pn	08:37:56.033	-1.1					T__				m_e ML	2.9
NEUB	1.15	63.6	Sg	08:38:11.270	0.3					T__				m_e	
TNS	1.18	246.3	Pn	08:37:56.520	-1.0					T__				m_e ML	2.3
TNS	1.18	246.3	Sg	08:38:13.117	1.0					T__				m_e	
WIMM	1.18	46.1	Pn	08:37:56.463	-1.1					T__				m_e ML	2.5
WIMM	1.18	46.1	Sg	08:38:11.818	-0.3					T__				m_e	
GRA1	1.23	145.3	Pn	08:37:58.081	-0.2					T__				m_e ML	2.4
GRA1	1.23	145.3	Sg	08:38:14.559	0.8					T__				m_e	
MLFH	1.23	85.5	Pn	08:37:57.741	-0.5					T__				m_e	
PLN	1.30	99.2	Pn	08:37:58.670	-0.5					T__				m_e	
PLN	1.30	99.2	Sg	08:38:16.531	0.6					T__				m_e	
TRIB	1.32	105.0	Pn	08:37:59.040	-0.4					T__				m_e	
TRIB	1.32	105.0	Sg	08:38:16.987	0.4					T__				m_e	
HKWD	1.35	84.1	Pg	08:38:00.148	0.0					T__				m_e ML	3.0
HKWD	1.35	84.1	Sg	08:38:17.911	0.3					T__				m_e	
WERD	1.40	99.9	Pn	08:38:00.260	-0.3					T__				m_e ML	2.6
WERD	1.40	99.9	Sg	08:38:19.436	0.3					T__				m_e	
SCHF	1.44	90.4	Pn	08:38:00.964	-0.1					T__				m_e ML	2.6
SCHF	1.44	90.4	Sg	08:38:20.268	0.0					T__				m_e	
GUNZ	1.44	103.1	Pn	08:38:00.845	-0.2					T__				m_e ML	2.7
GUNZ	1.44	103.1	Sg	08:38:20.516	0.2					T__				m_e	
ROHR	1.47	108.1	Pn	08:38:01.257	-0.2					T__				m_e ML	2.4
ROHR	1.47	108.1	Sg	08:38:21.521	0.3					T__				m_e	
MULD	1.47	100.8	Pn	08:38:01.381	-0.1					T__				m_e ML	2.8
MULD	1.47	100.8	Sg	08:38:21.307	-0.0					T__				m_e	
WERN	1.49	105.7	Pn	08:38:01.701	0.0					T__				m_e ML	2.9
WERN	1.49	105.7	Sg	08:38:22.020	0.2					T__				m_e	
ROTZ	1.63	124.7	Sg	08:38:25.991	-0.3					T__				m_e ML	2.4

Event 20225006 Darmstadt-East

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2012/02/25	12:10:02.40	0.07	0.89	49.9143	8.6702	1.3	1.1	028	10.0	0.0	53	11	067			m i ke	LDG	20225036	
2012/02/25	12:10:03.30	2.19	0.70	49.9170	8.6130				7.3f				10	206	0.32	1.80	m i ke	BNS	20225026
2012/02/25	12:10:02.33	0.23	0.63	49.9230	8.7000	2.2	2.2	008	10.0f		29	22	073	0.34	2.82	m i ke	BGR	20225016	
2012/02/25	12:10:02.40	0.20	0.29	49.9100	8.6800	3.0	1.0	075	9.0	2.0	34	18	084	0.07	2.28	m i ke	LED	20225006	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.8	0.2	2 LDG	20225036
ML	2.4	0.4	12 LDG	20225036
ML	1.9		BNS	20225026
ML	2.0	0.2	5 BGR	20225016
ML	2.0	0.2	26 LED	20225006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WBB	0.07	189.6	P*	12:10:07.340						---				mdi	ML 2.6
WBA	0.27	160.7	P*	12:10:11.560						---				md	ML 2.0
TOD	0.31	165.2	P*	12:10:08.670						T_				md	
TOD	0.31	165.2	S*	12:10:13.060						T_				m	
TNS	0.35	334.5	P*	12:10:09.800						T_				m	
TNS	0.35	334.5	S*	12:10:13.900						T_				m	
TNS	0.35	334.5	SmS	12:10:18.430	-2.2					T_				m	
SWS	0.43	178.2	P*	12:10:10.530						T_				m	ML 2.2
SWS	0.43	178.2	S*	12:10:17.170						---				m	
SWS	0.43	178.2	SmS	12:10:21.150	-1.1					---				m	
WBC	0.55	331.6	P*	12:10:12.830						T_				mde	ML 1.9
WBC	0.55	331.6	PmP	12:10:14.530	-1.4					T_				m	
WBC	0.55	331.6	S*	12:10:19.790						T_				m	
WBC	0.55	331.6	SmS	12:10:24.130	-1.0					---				m	
IMS	0.59	238.2	P*	12:10:14.350						T_				m	
IMS	0.59	238.2	PmP	12:10:15.790	-0.8					T_				m	
IMS	0.59	238.2	S*	12:10:21.460						T_				m	
IMS	0.59	238.2	SmS	12:10:24.620	-1.6					---				m	
FACH	0.63	315.7	P*	12:10:14.350						T_				m	ML 1.8
FACH	0.63	315.7	S*	12:10:22.820						T_				m	
FACH	0.63	315.7	SmS	12:10:26.030	-1.0					T_				m	
ABH	0.73	268.2	P*	12:10:15.560						T_				m	ML 2.0
ABH	0.73	268.2	PmP	12:10:17.530	-1.1					T_				m	
KOE	0.80	310.7	Pg	12:10:17.716	0.2					---				m_e	
KOE	0.80	310.7	Sg	12:10:27.560	-0.3					---		32.9	0.77	m_e	
SIND	0.82	132.8	PmP	12:10:19.410	-0.7					T_				m	ML 1.8
SIND	0.82	132.8	S*	12:10:29.870						T_				m	
BGG	0.91	289.5	Pg	12:10:19.791	0.1					---				m_e	
BGG	0.91	289.5	Sg	12:10:30.988	-0.5					---		43.0	0.37	m_e	
BIW	0.98	327.1	P*	12:10:21.170						T_				m	ML 1.9
BIW	0.98	327.1	S*	12:10:34.110						---				m	
FSH	1.02	280.0	Pg	12:10:22.130	0.4					T_				m	ML 2.2
FSH	1.02	280.0	S	12:10:34.510						---				m	
PEB	1.05	216.9	P	12:10:21.360						T_				m	ML 2.3
PEB	1.05	216.9	PmP	12:10:22.900	-1.1					---				m	
RUP	1.07	259.4	P	12:10:21.770						T_				m	
LANF	1.09	211.8	Sg	12:10:37.550	0.4					T_				m	
STU	1.19	163.4	Sg	12:10:41.230	1.0					---				m_e	ML 2.3

AHRW	1.20	302.2	Pg	12:10:24.628	-0.5	---	m_e	ML	1.7
AHRW	1.20	302.2	Sg	12:10:40.390	-0.4	---	m_		
UBBA	1.24	42.3	Sg	12:10:41.142	-0.7	---	m_e	ML	2.0
LBG	1.25	176.5	Pg	12:10:26.560	0.6	T_	m_	ML	2.2
LBG	1.25	176.5	Sg	12:10:42.930	0.8	T_	m_		
RIVT	1.25	261.5	P	12:10:24.940		T_	m_	ML	1.8
RIVT	1.25	261.5	Pg	12:10:26.270	0.2	T_	m_		
VITZ	1.33	42.1	Sg	12:10:43.961	-0.7	---	m_e		
TIEF	1.33	45.0	Sg	12:10:45.163	0.4	---	m_e		
HILG	1.34	287.3	Pg	12:10:27.249	-0.4	---	m_e		
STB	1.36	300.9	Pg	12:10:26.132	-2.0	---	m_e		
OPP	1.45	193.0	P	12:10:26.870		---	m_	ML	2.2
OPP	1.45	193.0	Pg	12:10:29.950	0.2	---	m_		
OPP	1.45	193.0	Sg	12:10:48.530	0.0	---	m_		
BUCH	1.53	163.0	Pg	12:10:31.760	0.6	---	m_	ML	2.3
BUCH	1.53	163.0	Sg	12:10:51.650	0.7	---	m_		
BLI	1.57	282.8	Pg	12:10:31.330	-0.7	---	m_	ML	2.0
BFO	1.60	188.4	P	12:10:28.990		---	m_	ML	2.1
BFO	1.60	188.4	Pg	12:10:32.840	0.3	---	m_		
BFO	1.60	188.4	S	12:10:48.920		---	m_		
BFO	1.60	188.4	Sg	12:10:53.690	0.5	---	m_		
WLF	1.65	262.4	Pn	12:10:30.864	0.1	---	m_e	ML	1.8
WLF	1.65	262.4	Pg	12:10:30.894	-2.6	---	m_e		
WLF	1.65	262.4	S	12:10:50.630		---	m_		
WLF	1.65	262.4	Sg	12:10:55.950	1.1	---	m_		
GRA1	1.66	96.6	Pg	12:10:33.340	-0.3	---	m_	ML	2.1
GRA1	1.66	96.6	Sg	12:10:55.520	0.5	---	m_		
HDH	1.66	142.5	Sg	12:10:54.780	-0.4	---	m_	ML	1.9
GRA3	1.71	94.0	Sg	12:10:56.862	0.1	---	m_e		
DREG	1.74	296.7	Pg	12:10:31.851	-3.3	---	m_e		
SCHD	1.74	67.9	Pn	12:10:32.384	0.4	---	m_e		
SCHD	1.74	67.9	Sg	12:10:56.647	-1.0	---	m_e		
GRA2	1.75	97.4	Pg	12:10:35.187	-0.2	---	m_e		
GRA2	1.75	97.4	Sg	12:10:58.495	0.5	---	m_e		
GRA4	1.81	99.9	Sg	12:11:00.118	0.0	---	m_e		
MEM	1.84	293.3	Pg	12:10:33.516	-3.7	---	m_e		
GRB4	1.92	102.2	Sg	12:11:02.981	-0.3	---	m_e		
HGN	1.95	297.0	Sg	12:11:03.805	-0.6	---	m_e		
ECH	1.97	211.1	Pg	12:10:38.700	-0.8	---	m_	ML	2.1
ECH	1.97	211.1	Sg	12:11:04.600	-0.3	---	m_		
GRB1	1.99	104.0	Sg	12:11:05.713	-0.0	---	m_e		
MOX	2.01	67.5	Sg	12:11:05.078	-1.4	---	m_e		
KIZ	2.02	194.7	P	12:10:34.810		---	m_	ML	2.1
KIZ	2.02	194.7	Pg	12:10:40.340	-0.1	---	m_		
GRC1	2.06	115.2	Sg	12:11:06.588	-1.3	---	m_e		
ROTZ	2.28	92.3	Sg	12:11:13.291	-1.6	---	m_e		
END	2.28	196.1	P	12:10:38.480		---	m_	ML	1.6
END	2.28	196.1	Pg	12:10:45.120	-0.3	---	m_		
END	2.28	196.1	Sg	12:11:14.960	0.1	---	m_		
WERD	2.38	75.6	Pg	12:10:47.915	0.6	---	m_e		
WERD	2.38	75.6	Sg	12:11:17.274	-0.9	---	m_e		
WERN	2.40	79.5	Sg	12:11:17.606	-1.1	---	m_e		
WET	2.83	104.1	Sg	12:11:32.305	-0.0	---	m_e		

Event 20226017 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/26	11:52:26.84	0.59	1.17	51.4027	16.0985	5.5	4.1	167	0.0	0.0	46	14	029			m i sr	ZAMG	20226037
2012/02/26	11:52:27.30	0.59	0.31	51.8080	15.9810				5.0f					1.58	6.16	m i ki	BNS	20226027
2012/02/26	11:52:25.56	0.33	0.77	51.5230	16.2040	4.4	2.2	017	1.0f		41	15	201	0.68	3.65	m i ki	BGR	20226017

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.5	0.2	16 ZAMG	20226037
ML	3.4		BNS	20226027
ML	3.8	0.3	15 BGR	20226017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.68	175.3	Pg	11:52:38.928	0.5					T__				m_e	ML 2.9
KSP	0.68	175.3	Sg	11:52:48.242	1.0					T__				m_e	
DPC	1.18	176.3	Pg	11:52:47.706	-0.0					T__				m_e	ML 3.8
DPC	1.18	176.3	Sg	11:53:03.462	0.6					T__				m_e	
BRG	1.56	246.2	Pn	11:52:52.842	-0.8					T__				m_e	ML 3.8
BRG	1.56	246.2	Pg	11:52:54.823	-0.1					T__				m_e	
BRG	1.56	246.2	Sg	11:53:15.584	0.5					T__				m_e	
FBE	1.88	252.5	Pn	11:52:57.692	-0.4					T__				m_e	ML 3.6
FBE	1.88	252.5	Pg	11:53:00.939	-0.1					T__				m_e	
FBE	1.88	252.5	Sg	11:53:25.361	-0.0					T__				m_e	
MORC	1.94	153.6	Pn	11:52:59.053	0.2					T__				m_e	ML 3.9
MORC	1.94	153.6	Sg	11:53:28.012	0.8					T__				m_e	
CLL	2.01	265.1	Pn	11:52:59.093	-0.6					T__				m_e	ML 3.7
CLL	2.01	265.1	Pg	11:53:02.733	-0.7					T__				m_e	
CLL	2.01	265.1	Sg	11:53:29.843	0.5					T__				m_e	
OKC	2.09	143.1	Pn	11:53:00.499	-0.3					T__				m_e	ML 3.4
OKC	2.09	143.1	Pg	11:53:04.967	0.1					T__				m_e	
OKC	2.09	143.1	Sg	11:53:31.377	-0.5					T__				m_e	
OJC	2.62	118.5	Pn	11:53:06.842	-1.1					T__				m_e	ML 3.9
OJC	2.62	118.5	Pg	11:53:14.533	-0.3					T__				m_e	
OJC	2.62	118.5	Sg	11:53:48.397	-0.3					T__				m_e	
WERD	2.68	247.9	Pn	11:53:09.227	0.4					T__				m_e	ML 3.8
WERD	2.68	247.9	Pg	11:53:15.543	-0.5					T__				m_e	
WERD	2.68	247.9	Sg	11:53:49.490	-1.2					T__				m_e	
MOX	3.01	254.8	Pn	11:53:13.636	0.3					T__				m_e	ML 4.3
MOX	3.01	254.8	Pg	11:53:21.844	-0.5					T__				m_e	
MOX	3.01	254.8	Sg	11:54:01.593	0.3					T__				m_e	
ROTZ	3.08	236.8	Pn	11:53:14.715	0.4					T__				m_e	ML 3.8
ROTZ	3.08	236.8	Pg	11:53:24.223	0.6					T__				m_e	
ROTZ	3.08	236.8	Sg	11:54:02.876	-0.6					T__				m_e	
GEC2	3.12	211.9	Pn	11:53:15.349	0.5					T__				m_e	ML 3.9
GEC2	3.12	211.9	Pg	11:53:23.601	-0.8					T__				m_e	
GEC2	3.12	211.9	Sg	11:54:04.042	-0.6					T__				m_e	
WET	3.19	223.0	Pn	11:53:16.267	0.5					T__				m_e	ML 3.8
WET	3.19	223.0	Sg	11:54:05.591	-1.2					T__				m_e	
CLZ	3.63	277.3	Pn	11:53:22.738	1.0					T__				m_e	ML 4.0
CLZ	3.63	277.3	Pg	11:53:33.284	-0.7					T__				m_e	
CLZ	3.63	277.3	Sg	11:54:22.200	1.4					T__				m_e	

GRA1	3.65	241.9	Pn	11:53:23.021	1.0	T__	m_e	ML	4.4
GRA1	3.65	241.9	Pg	11:53:36.873	2.5	T__	m_e		
GRA1	3.65	241.9	Sg	11:54:22.654	1.1	T__	m_e		
BGG	5.75	260.2	Pn	11:53:51.400	1.0	---	m_e		
STB	5.95	264.7	Pn	11:53:53.500	0.3	---	m_e		
HILG	6.13	262.1	Pn	11:53:56.200	0.6	---	m_e		
KLL	6.27	265.8	Pn	11:53:58.300	0.8	---	m_e		

Event 20228008 Bad Ems, E of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2012/02/28	17:25:16.70	0.07	0.76	50.2741	7.7766	1.3	1.1	054	10.0f		41	12	054			m i ke	LDG	20228038
2012/02/28	17:25:17.00	0.77	0.21	50.2680	7.7920				4.0	13.8		9	162	0.16	1.07	m i ke	BNS	20228028
2012/02/28	17:25:16.36	0.33	0.64	50.2690	7.7950	4.4	3.3	001	10.0f		14	10	074	0.42	2.26	m i ke	BGR	20228018
2012/02/28	17:25:16.89	0.15	0.24	50.2720	7.8020	2.7	1.5	319	10.0f		28	16	063	0.15	1.79	m i ke	LED	20228008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.6	0.1	2 LDG	20228038
ML	2.5	0.3	14 LDG	20228038
ML	1.8		BNS	20228028
ML	1.9	0.2	7 BGR	20228018
ML	2.0	0.2	18 LED	20228008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
FACH	0.15	55.4	P*	17:25:20.140						T__				mci	ML 2.4
FACH	0.15	55.4	PmP	17:25:23.310	-2.5					---				m__	
FACH	0.15	55.4	S*	17:25:22.190						T__				m__	
KOE	0.16	343.7	Pg	17:25:20.452	0.1					---				mci	
KOE	0.16	343.7	Sg	17:25:22.620	-0.1					---		332.8	0.32	m_e	
BGG	0.30	257.7	Pg	17:25:22.912	0.0					---				mci	
BGG	0.30	257.7	Sg	17:25:26.589	-0.4					---		110.1	0.13	m_e	
WBC	0.32	67.6	P*	17:25:22.800						T__				mC_	ML 1.8
TNS	0.42	96.6	P*	17:25:25.090						T__				m__	ML 2.0
TNS	0.42	96.6	S*	17:25:30.610						T__				m__	
TNS	0.42	96.6	SmS	17:25:34.650	-1.7					---				m__	
ABH	0.42	202.8	P*	17:25:24.960						T__				mC_	ML 2.1
ABH	0.42	202.8	S*	17:25:30.160						T__				m__	
BIW	0.46	2.8	P*	17:25:25.540						T__				mC_	ML 2.0
BIW	0.46	2.8	S*	17:25:30.980						T__				m__	
FSH	0.49	246.5	P*	17:25:25.940						T__				mC_	ML 2.0
FSH	0.49	246.5	S*	17:25:31.870						T__				m__	
FSH	0.49	246.5	SmS	17:25:36.460	-1.4					T__				m__	
AHRW	0.54	300.5	P*	17:25:27.090						T__				m__	ML 1.5
AHRW	0.54	300.5	S*	17:25:33.860						T__				m__	
IMS	0.68	174.6	P*	17:25:29.840						T__				m__	ML 2.1
IMS	0.68	174.6	PmP	17:25:31.360	-0.9					---				m__	
IMS	0.68	174.6	S*	17:25:38.370						T__				m__	
IMS	0.68	174.6	SmS	17:25:41.710	-1.1					---				m__	
STB	0.69	298.1	Pg	17:25:29.723	-0.3					---				m_e	
WBB	0.70	127.5	P*	17:25:33.930						---				m__	ML 1.7
WBB	0.70	127.5	PmP	17:25:35.330	2.8					---				m__	

TOD	0.32	164.1	P*	23:45:22.880		T__	mde		
TOD	0.32	164.1	S*	23:45:27.350		T__	m__		
TNS	0.34	335.5	P*	23:45:23.980		T__	m__		
TNS	0.34	335.5	S*	23:45:28.990		T__	m__		
SWS	0.43	177.3	P*	23:45:24.770		T__	m__ ML	1.9	
SWS	0.43	177.3	S*	23:45:30.510		T__	m__		
WBC	0.55	332.2	P*	23:45:26.970		T__	m__ ML	1.5	
WBC	0.55	332.2	PmP	23:45:28.560	-1.4	T__	m__		
WBC	0.55	332.2	S*	23:45:33.890		T__	m__		
IMS	0.59	237.8	P*	23:45:27.890		T__	m__ ML	1.6	
IMS	0.59	237.8	PmP	23:45:29.790	-0.8	T__	m__		
IMS	0.59	237.8	S*	23:45:35.570		T__	m__		
FACH	0.62	316.1	P*	23:45:28.640		T__	m__ ML	1.5	
FACH	0.62	316.1	S*	23:45:36.720		T__	m__		
KTD	0.70	213.0	P*	23:45:30.540		___	m__ ML	2.0	
ABH	0.72	268.2	P*	23:45:29.710		T__	m__ ML	1.6	
KOE	0.79	311.0	Pg	23:45:32.166	0.7	___	m_e		
LDAU	0.81	206.0	P*	23:45:32.770		___	m__		
SIND	0.83	132.4	Pg	23:45:33.120	1.0	T__	m__ ML	1.5	
BIW	0.98	327.4	P*	23:45:35.120		T__	m__ ML	1.6	
FSH	1.02	280.0	P	23:45:36.320		T__	m__ ML	1.8	
FSH	1.02	280.0	Sg	23:45:48.690	-0.2	T__	m__		
PEB	1.05	216.7	P	23:45:35.570		T__	mce ML	2.0	
RUP	1.06	259.3	Pg	23:45:37.610	1.1	T__	m__		
STU	1.19	163.1	Sg	23:45:55.848	1.5	___	m_e		
AHRW	1.20	302.4	Sg	23:45:54.370	-0.3	___	m_e ML	1.6	
UBBA	1.24	42.5	Sg	23:45:55.706	-0.4	___	m_e ML	1.7	
RIVT	1.25	261.4	Pn	23:45:39.260	-0.1	T__	m__ ML	1.5	
RIVT	1.25	261.4	Pg	23:45:40.450	0.4	T__	m__		
LBG	1.25	176.2	Pg	23:45:40.660	0.6	T__	m__ ML	1.9	
LBG	1.25	176.2	Sg	23:45:57.140	0.9	T__	m__		
VITZ	1.33	42.3	Sg	23:45:58.162	-0.7	___	m_e		
HILG	1.33	287.4	Pg	23:45:41.281	-0.4	___	m_e		
TIEF	1.33	45.2	Sg	23:45:58.214	-0.8	___	m_e		
STB	1.36	301.0	Pg	23:45:41.094	-1.0	___	m_e		
OPP	1.45	192.8	Pn	23:45:41.050	-1.1	___	m__ ML	1.8	
OPP	1.45	192.8	Pg	23:45:43.970	0.1	___	m__		
OPP	1.45	192.8	Sn	23:45:59.390	-0.9	___	m__		
OPP	1.45	192.8	Sg	23:46:02.700	0.1	___	m__		
BUCH	1.53	162.7	Pg	23:45:45.890	0.6	___	m__ ML	2.0	
BUCH	1.53	162.7	Sg	23:46:05.810	0.7	___	m__		
BLI	1.56	282.8	Pg	23:45:45.340	-0.6	___	m__ ML	1.6	
BFO	1.60	188.2	Pg	23:45:46.720	0.1	___	m__ ML	1.7	
BFO	1.60	188.2	Sg	23:46:07.530	0.3	___	m__		
WLF	1.64	262.4	P	23:45:45.350		___	m__ ML	1.3	
WLF	1.64	262.4	Sg	23:46:10.020	1.2	___	m__		
GRA1	1.66	96.6	Pg	23:45:47.590	-0.3	___	m__ ML	1.7	
GRA1	1.66	96.6	Sg	23:46:09.500	0.2	___	m__		
GRA3	1.71	93.9	Sg	23:46:10.963	-0.1	___	m_e		
WLS	1.73	210.4	Sn	23:46:06.400	-0.5	___	m__		
SCHD	1.74	68.0	Sg	23:46:11.378	-0.5	___	m_e ML	2.2	
GRA2	1.75	97.3	Sg	23:46:12.704	0.4	___	m_e		
GRA4	1.82	99.9	Sg	23:46:14.360	-0.0	___	m_e		
HWTS	1.92	68.1	Sg	23:46:17.169	-0.3	___	m_e		

GRB4	1.92	102.2	Sg	23:46:17.216	-0.4	---	m_e	
ECH	1.96	210.9	Pg	23:45:52.550	-1.0	---	m_e	ML 1.9
MOX	2.02	67.6	Sg	23:46:20.510	-0.2	---	m_e	
SLE	2.15	183.2	Sg	23:46:24.563	-0.2	---	m_e	
CLZ	2.21	28.4	Sg	23:46:27.139	0.4	---	m_e	
MANZ	2.21	86.7	Sg	23:46:25.504	-1.4	---	m_e	
ROTZ	2.29	92.2	Sg	23:46:27.495	-1.7	---	m_e	
PLN	2.31	74.2	Sg	23:46:28.920	-0.9	---	m_e	
GUNZ	2.39	77.7	Sg	23:46:31.329	-1.1	---	m_e	
WERN	2.41	79.6	Sg	23:46:31.703	-1.3	---	m_e	
WET	2.84	104.1	Sg	23:46:46.541	-0.1	---	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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