

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 80902014 Erkelenz, SW of Moenchengladbach

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/09/02	01:58:52.10	0.07	0.31	51.0385	5.9911	1.4	0.9	146	10.0	0.0	48	11	143			m i ke	LDG	80902034
2008/09/02	01:58:51.97	0.48	0.59	51.0460	6.0740	6.7	3.3	111	10.0f		11	6	188	0.30	1.72	m i ke	BGR	80902024
2008/09/02	01:58:52.40	0.48	0.21	51.0610	6.0330				14.0	4.2		16	232	0.12	1.25	m i ke	BNS	80902014

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.6	1	LDG	80902034
ML	2.2	0.3	10 LDG	80902034
ML	1.9	0.1	3 BGR	80902024
ML	1.9		BNS	80902014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RODG	0.12	47.8	Pg	01:58:56.070	0.3					T__					
RODG	0.12	47.8	Sg	01:58:58.770	0.7					T__		563.4	0.15		
BD11	0.25	85.0	Pg	01:58:57.890	0.2					T__					
HGN	0.30	192.2	Pg	01:58:57.967	-0.6					---					
HGN	0.30	192.2	Sg	01:59:02.187	-0.7					---					
BD05	0.31	113.5	Pg	01:58:58.950	0.3					T__					
DREG	0.42	162.3	Pg	01:59:00.089	-0.5					---					
DREG	0.42	162.3	Sg	01:59:05.960	-0.3					---					
KLL	0.45	156.9	Pg	01:59:00.660	-0.5					T__					
KLL	0.45	156.9	Sg	01:59:07.000	-0.2					T__		25.5	0.23		
LAUG	0.64	62.7	Pg	01:59:04.260	-0.4					T__					
LAUG	0.64	62.7	Sg	01:59:12.820	-0.3					T__		32.8	0.27		
STB	0.69	132.2	Pg	01:59:05.500	-0.1					T__					
STB	0.69	132.2	Sg	01:59:14.780	0.1					T__		47.7	0.40		
BNS	0.73	97.2	Pg	01:59:06.150	-0.1					T__					
HOBG	0.82	94.9	Pg	01:59:07.960	-0.1					T__					
HOBG	0.82	94.9	Sg	01:59:19.360	0.5					T__		64.5	0.33		
BUG	0.86	63.4	Sg	01:59:19.509	-0.6					---					
HILG	0.87	151.7	Pg	01:59:08.520	-0.5					T__					ML 2.1
HILG	0.87	151.7	Sg	01:59:19.790	-0.6					T__		25.4	0.31		
WTSB	1.02	27.5	Pg	01:59:11.022	-0.8					---					
WTSB	1.02	27.5	Sg	01:59:24.670	-0.5					---					
BGG	1.19	135.4	Pg	01:59:13.150	-1.8					T__					
KOE	1.25	119.9	Pg	01:59:15.410	-0.6					T__					
WLF	1.40	176.8	Pg	01:59:17.303	-1.6					---					ML 1.8
WLF	1.40	176.8	Sg	01:59:34.964	-2.0					---					
TNS	1.75	117.8	Pg	01:59:24.507	-0.9					---					ML 1.9
TNS	1.75	117.8	Sg	01:59:46.046	-2.0					---					

Event 80903301 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/09/03	00:51:19.75	0.31		51.5170	15.9950	4.4	2.2	001	1.0f		26	16	094	0.70	3.82	m i ki	BGR	80903301

Magnitude	Err	Nsta	Author	OrigID
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ML 3.0 BGR 80903301

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.70	164.4	Pg	00:51:32.870	-0.1					T__				m_e	ML 2.4
KSP	0.70	164.4	Sg	00:51:42.804	0.8					T__				m_e	
BRG	1.44	244.2	Pn	00:51:45.303	-0.9					T__				m_e	ML 2.9
BRG	1.44	244.2	Pg	00:51:46.810	-0.0					T__				m_e	
BRG	1.44	244.2	Sg	00:52:06.469	1.0					T__				m_e	
RUE	1.67	306.0	Pn	00:51:47.713	-1.6					T__				m_e	ML 2.7
CLL	1.88	264.8	Pn	00:51:51.059	-1.1					T__				m_e	ML 2.6
CLL	1.88	264.8	Pg	00:51:54.300	-0.8									m_i	
CLL	1.88	264.8	Sg	00:52:19.409	0.0					T__				m_e	
GKP	1.91	22.9	Pg	00:51:57.347	1.6					T__				m_e	
MORC	2.00	150.0	Pn	00:51:53.165	-0.6					T__				m_e	
TANN	2.48	245.0	Pn	00:52:00.510	0.2					T__				m_e	ML 3.0
TANN	2.48	245.0	Sg	00:52:38.082	-0.5					T__				m_e	
WERD	2.56	246.7	Pn	00:52:01.261	-0.1					T__				m_e	ML 2.9
GUNZ	2.58	244.9	Pn	00:52:01.804	0.1					T__				m_e	ML 3.2
GUNZ	2.58	244.9	Sg	00:52:41.909	0.2					T__				m_e	
WERN	2.59	243.1	Pn	00:52:02.302	0.5					T__				m_e	ML 3.2
WERN	2.59	243.1	Pg	00:52:09.250	0.7					T__				m_e	
OJC	2.73	116.9	Pg	00:52:09.978	-1.2					T__				m_e	
OJC	2.73	116.9	Sg	00:52:46.619	0.2					T__				m_e	
MGBB	2.85	238.6	Pn	00:52:06.000	0.7									mci	ML 2.8
MOX	2.89	254.1	Pn	00:52:05.700	-0.1									mce	ML 3.4
MOX	2.89	254.1	Pg	00:52:13.900	-0.2									mce	
MOX	2.89	254.1	Sg	00:52:52.611	1.2					T__				m_e	
WET	3.10	221.2	Pn	00:52:08.944	0.3					T__				m_e	ML 3.1
WET	3.10	221.2	Sg	00:52:57.731	-0.4					T__				m_e	
CLZ	3.50	277.5	Pn	00:52:14.739	0.6					T__				m_e	
GRA1	3.54	240.8	Pn	00:52:15.567	0.9					T__				m_e	ML 3.6
GRA1	3.54	240.8	Sg	00:53:12.593	0.5					T__				m_e	
UBBA	3.82	261.8	Sg	00:53:20.516	-0.6					T__				m_e	

Event 80903012 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
2008/09/03	15:30:52.80	0.08	0.26	47.0392	9.4877	1.4	0.9	082	2.0	0.0	27	8	132			m i ke	LDG	80903042
2008/09/03	15:30:52.06	0.69	1.02	47.0284	9.3869	4.4	3.0	107	10.3	4.5	20	6	322			m i uk	ZAMG	80903032
2008/09/03	15:30:52.50			47.0450	9.4790				7.0							m i uk	SED	80903022
2008/09/03	15:30:54.23	0.70	0.81	47.1020	9.4760	7.8	3.3	024	10.0f		16	10	239	0.33	3.32	m i ke	BGR	80903012

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.5	0.1	7	LDG	80903042
ML 2.7	0.5	6	ZAMG	80903032
ML 2.3			SED	80903022
ML 2.2	0.2	7	BGR	80903012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DAVA	0.33	55.9	Pg	15:30:59.960	-0.7					T__				m_e	ML 1.9
DAVA	0.33	55.9	Sg	15:31:05.749	0.6					T__				m_e	

OBER	0.63	60.9	PgD	15:31:05.900	-0.4	---	mdi	ML	2.0
OBER	0.63	60.9	Sg	15:31:16.200	1.7	---	mdi		
BFO	1.45	328.3	Pg	15:31:21.258	-0.4	T_	m_e	ML	2.1
BFO	1.45	328.3	Sg	15:31:40.558	0.2	T_	m_e		
WTTA	1.48	82.9	Pg	15:31:21.983	-0.1	T_	m_e	ML	2.1
WTTA	1.48	82.9	Sg	15:31:42.652	1.4	T_	m_e		
SCE	1.52	91.6	Pn	15:31:22.700	1.9	---	mci	ML	2.2
SCE	1.52	91.6	Sn	15:31:44.700	5.1	---	mci		
STU	1.68	353.6	Sg	15:31:48.072	0.4	T_	m_e	ML	2.5
RJOB	2.33	73.0	Pn	15:31:31.696	-0.1	T_	m_e	ML	2.4
RJOB	2.33	73.0	Sg	15:32:10.176	1.7	T_	m_e		
KBA	2.63	89.1	Sg	15:32:16.598	-1.4	T_	m_e	ML	2.2
WET	3.05	46.8	Pn	15:31:41.432	-0.1	T_	m_e	ML	2.6
WET	3.05	46.8	Sg	15:32:31.455	0.2	T_	m_e		
ROTZ	3.22	33.2	Sg	15:32:36.018	-0.6	T_	m_e		
MOA	3.32	75.2	Sg	15:32:39.892	0.1	T_	m_e		
GEC2	3.32	56.8	Pn	15:31:45.756	0.6	T_	m_e		
GEC2	3.32	56.8	Sg	15:32:38.622	-1.2	T_	m_e		

Event 80906003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/09/06	08:27:33.62	0.37	0.71	51.5290	16.1160	4.4	2.2	018	1.0f		35	16	201	0.69	3.61	m i ki	BGR	80906003

Magnitude	Err	Nsta	Author	OrigID
ML	3.6	0.4	11 BGR	80906003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.69	170.7	Pg	08:27:47.095	0.4					T_	59.5			m_e	ML 2.9
KSP	0.69	170.7	Sg	08:27:56.313	0.6					T_	3.3			m_e	
DPC	1.19	173.6	Pg	08:27:55.864	-0.1					T_	94.3			m_e	ML 3.2
DPC	1.19	173.6	Sg	08:28:11.787	0.5					T_	3.5			m_e	
BRG	1.51	245.1	Pn	08:28:00.211	-0.8					T_	4.8			m_e	ML 3.6
BRG	1.51	245.1	Pg	08:28:01.728	-0.4					T_	124.8			m_e	
BRG	1.51	245.1	Sg	08:28:22.362	0.7					T_	2.2			m_e	
FBE	1.83	251.7	Pn	08:28:04.805	-0.6					T_	2.4			m_e	ML 3.4
FBE	1.83	251.7	Pg	08:28:07.362	-0.8					T_	62.8			m_e	
FBE	1.83	251.7	Sg	08:28:32.022	0.2					T_	3.6			m_e	
CLL	1.95	264.7	Pn	08:28:06.005	-1.1					T_	38.4			m_e	ML 3.5
CLL	1.95	264.7	Pg	08:28:09.400	-1.0					---				m_i	
CLL	1.95	264.7	Sg	08:28:35.363	-0.3					T_	2.6			m_e	
MORC	1.97	152.1	Pn	08:28:07.159	-0.1					T_	80.5			m_e	ML 3.3
MORC	1.97	152.1	Sg	08:28:35.968	-0.3					T_	3.5			m_e	
OKC	2.13	141.9	Pn	08:28:08.706	-0.7					T_	4.1			m_e	ML 4.0
OKC	2.13	141.9	Sg	08:28:40.074	-1.1					T_	5.8			m_e	
TANN	2.56	245.6	Pn	08:28:15.395	0.2					T_	13.7			m_e	ML 3.9
TANN	2.56	245.6	Pg	08:28:22.506	0.7					T_	5.3			m_e	
TANN	2.56	245.6	Sg	08:28:55.191	0.4					T_	4.8			m_e	
WERD	2.63	247.2	Pn	08:28:16.199	-0.0					T_	11.8			m_e	ML 3.6
WERD	2.63	247.2	Pg	08:28:22.746	-0.4					T_	7.3			m_e	
WERD	2.63	247.2	Sg	08:28:58.845	1.7					T_	3.8			m_e	
OJC	2.67	118.0	Pn	08:28:16.803	0.1					T_	4.9			m_e	

OJC	2.67	118.0	Sg	08:28:59.563	1.2	T__	5.4	m_e											
MGBB	2.92	239.3	Pn	08:28:20.600	0.5	---		mdi	ML	3.5									
MOX	2.96	254.4	Pn	08:28:20.627	-0.1	T__	5.5	m_e	ML	4.2									
MOX	2.96	254.4	Pg	08:28:29.600	0.2	---		mce											
MOX	2.96	254.4	Sg	08:29:09.381	1.7	T__	9.6	m_e											
ROTZ	3.04	236.1	Pn	08:28:21.836	0.0	T__	17.4	m_e											
ROTZ	3.04	236.1	Sg	08:29:09.840	-0.4	T__	3.0	m_e											
GEC2	3.10	210.9	Pn	08:28:23.009	0.5	T__	29.6	m_e											
GEC2	3.10	210.9	Sg	08:29:10.597	-1.4	T__	3.2	m_e											
WET	3.16	222.2	Pn	08:28:23.774	0.4	T__	12.1	m_e											
CLZ	3.57	277.3	Pn	08:28:29.869	0.8	T__	5.3	m_e											
CLZ	3.57	277.3	Sg	08:29:26.691	-0.5	T__	2.4	m_e											
GRA1	3.61	241.3	Pn	08:28:30.294	0.8	T__	2.8	m_e	ML	4.4									
GRA1	3.61	241.3	Sg	08:29:28.439	0.2	T__	4.0	m_e											

Event 80908004 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/09/08	07:26:43.90	1.09	0.41	51.5370	6.5760				1.0f				8 287	0.46	1.42	m i ki	BNS	80908024
2008/09/08	07:26:44.66	0.67	1.02	51.4910	6.6130	11.1	4.4	128	1.0f		10	6 204	0.41	2.36	m i ki	BGR	80908014	
2008/09/08	07:26:42.90			51.4710	6.5130				1.0f				305	0.06	0.47	m i ki	BUG	80908004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		BNS	80908024
ML	2.3	0.2	4 BGR	80908014
ML	2.2		BUG	80908004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.06	39.1	Pg	07:26:44.600	0.6					T__				m__	ML 1.3
BRHE	0.06	39.1	Sg	07:26:45.600	0.9					T__				m__	
RODG	0.39	212.6	Sg	07:27:00.140	4.9					---				m_e	
BUG	0.47	93.4	Pg	07:26:52.800	1.0					TA_				m_e	ML 2.2
BUG	0.47	93.4	Sg	07:26:59.900	2.0					TA_				m__	
HOBG	0.71	133.2	Pg	07:26:58.390	2.1					---				m_e	
HOBG	0.71	133.2	Sg	07:27:07.810	2.4					---				m_e	
DREG	0.83	192.4	Pg	07:27:00.820	2.3					---				m_e	
DREG	0.83	192.4	Pg	07:27:00.926	2.4					---	6.0			m_e	
DREG	0.83	192.4	Sg	07:27:13.470	4.3					---	4.1			m_e	
KLL	0.83	188.8	Pg	07:27:00.650	2.0					---				m_e	
KLL	0.83	188.8	Sg	07:27:14.210	4.8					---		75.4	0.27	m_e	
STB	0.90	166.7	Pg	07:27:01.670	1.8					---				m_e	
STB	0.90	166.7	Sg	07:27:15.560	4.0					---		72.8	0.50	m_e	
IBBN	1.14	42.1	Sg	07:27:19.402	0.4					---	2.2			m_e	ML 2.4
HILG	1.18	174.9	Sg	07:27:23.840	3.3					---				m_e	
KOE	1.30	143.2	Pg	07:27:08.310	1.0					---				m_e	
KOE	1.30	143.2	Sg	07:27:26.250	2.1					---				m_e	
BGG	1.37	157.3	Pg	07:27:08.970	0.3					---				m_e	
BGG	1.37	157.3	Sg	07:27:28.460	2.1					---		21.7	0.37	m_e	
TNS	1.75	134.9	Pg	07:27:17.147	1.3					---	3.2			m_e	ML 2.2
TNS	1.75	134.9	Sg	07:27:39.173	0.8					---	2.2			m_e	
WLF	1.82	187.4	Sg	07:27:42.992	2.2					---				m_e	

CLZ	2.42	79.7	Pg	07:27:28.285	-0.3	---	2.3										m_e	ML	2.3
CLZ	2.42	79.7	Sg	07:27:58.065	-1.8	---	2.1										m_e		

Event 80910018 Inn Valley/A, W of Innsbruck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/09/10	13:21:15.42	0.40	1.16	47.3480	11.0350	7.8	4.4	004	10.0f		12	9	165	0.42	2.33	m i ke	BGR	80910028
2008/09/10	13:21:14.80	0.26	0.16	47.3504	11.0342	1.7	1.1	015	9.4	2.3	9	5	150			m i uk	ZAMG	80910018

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	3 BGR	80910028
ML	2.2	0.5	5 ZAMG	80910018

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.42	101.8	Pg	13:21:23.383	0.6					---				m_e	ML 1.7
WTTA	0.42	101.8	Sg	13:21:29.329	1.0					---				m_e	
DAVA	0.78	265.8	Sg	13:21:39.480	-0.4					---				m_e	ML 2.0
FUR	0.83	11.2	Sg	13:21:43.203	1.9					---				m_e	ML 2.5
RJOB	1.25	71.3	Pn	13:21:36.456	-1.3					---				m_e	
RJOB	1.25	71.3	Sg	13:21:55.661	1.0					---				m_e	
KBA	1.59	99.0	Sg	13:22:07.793	2.3					---				m_e	
BFO	2.06	299.4	Pg	13:21:53.960	0.3					---				m_e	
BFO	2.06	299.4	Sg	13:22:23.131	2.7					---				m_e	
WET	2.17	33.7	Sg	13:22:23.640	-0.3					---				m_e	
MOA	2.24	75.9	Sg	13:22:26.897	1.0					---				m_e	
GEC2	2.33	49.0	Sg	13:22:28.034	-0.7					---				m_e	

Event 80910017 Inn Valley/A, W of Innsbruck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/09/10	13:22:58.30	0.36	1.12	47.3960	11.0440	6.7	4.4	179	10.0f		11	8	155	0.42	2.29	m i ke	BGR	80910027
2008/09/10	13:22:56.77	0.26	0.19	47.3486	11.0131	1.7	1.1	017	8.5	2.5	9	5	144			m i uk	ZAMG	80910017

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	4 BGR	80910027
ML	2.1	0.5	5 ZAMG	80910017

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.43	101.1	Pg	13:23:05.290	0.3					---				m_e	ML 1.7
WTTA	0.43	101.1	Sg	13:23:11.489	0.8					---				m_e	
DAVA	0.77	265.8	Pg	13:23:14.106	2.7					---				m_e	ML 2.0
DAVA	0.77	265.8	Sg	13:23:24.330	3.0					---				m_e	
FUR	0.83	12.1	Sg	13:23:24.874	1.5					---				m_e	ML 2.3
RJOB	1.26	71.4	Pn	13:23:20.213	0.2					---				m_e	ML 2.1
RJOB	1.26	71.4	Sg	13:23:39.555	2.5					---				m_e	
KBA	1.61	98.8	Sg	13:23:49.876	2.0					---				m_e	
BFO	2.05	299.6	Sg	13:24:02.543	0.6					---				m_e	
WET	2.18	34.0	Sg	13:24:04.891	-1.3					---				m_e	

GEC2 2.34 49.2 Sg 13:24:10.096 -1.0

m_e

Event 80910010 Inn Valley/A, W of Innsbruck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/09/10	13:24:50.20	0.09	0.52	47.3595	11.0566	2.1	1.3	158	2.0	0.0	23	9	126			m i ke	LDG	80910030
2008/09/10	13:24:50.86	0.29	1.36	47.3930	11.0620	5.6	3.3	002	10.0f		28	13	155	0.41	3.96	m i ke	BGR	80910020
2008/09/10	13:24:49.40	0.16	0.24	47.3400	11.0185	1.3	0.9	008	9.4	1.2	19	7	134			m i fe	ZAMG	80910010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.8	0.4	7	LDG	80910030
ML 2.7	0.2	8	BGR	80910020
ML 2.8	0.4	10	ZAMG	80910010

Effects Loctyp Location Intensity Scale Author
 F Summar 4.0- 5.0 EMS ZAMG
 (Felt clearly, even outdoors)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PART	0.17	22.1	Pg	13:24:52.700	-0.3									mci	ML 2.6
PART	0.17	22.1	Sg	13:24:55.400	-0.0									mci	
WTTA	0.43	100.1	Pg	13:24:57.881	0.3						35.7			m_e	
WTTA	0.43	100.1	Sg	13:25:04.385	1.2						7.4			m_e	
OBER	0.50	278.0	Pg	13:24:59.700	0.8									mci	ML 2.2
OBER	0.50	278.0	Sg	13:25:07.100	1.7									mci	
SCE	0.56	122.4	Pg	13:25:00.000	-0.0									mdi	ML 2.2
SCE	0.56	122.4	Sg	13:25:08.600	1.3									mdi	
DAVA	0.77	266.5	Pg	13:25:05.036	1.0						11.5			m_e	
DAVA	0.77	266.5	Sg	13:25:16.353	2.2						8.0			m_e	
FUR	0.84	11.8	Pg	13:25:05.810	0.5						3.6			m_e	ML 2.6
FUR	0.84	11.8	Sg	13:25:17.176	0.9						2.4			m_e	
NORI	1.41	349.4	Pn	13:25:16.000	1.6									mdi	ML 2.8
NORI	1.41	349.4	Sn	13:25:32.400	0.2									mdi	
KBA	1.60	98.5	Pg	13:25:19.746	0.1						9.6			m_e	ML 2.4
KBA	1.60	98.5	Sg	13:25:43.199	2.8						4.9			m_e	
BFO	2.06	299.7	Pn	13:25:25.170	1.9						7.6			m_e	ML 2.8
BFO	2.06	299.7	Sn	13:25:50.257	2.7						6.7			m_e	
BFO	2.06	299.7	Sg	13:25:55.116	0.3						2.9			m_e	
WET	2.19	33.8	Pn	13:25:25.299	0.3						4.0			m_e	ML 2.5
WET	2.19	33.8	Sn	13:25:52.629	2.1						4.9			m_e	
WET	2.19	33.8	Sg	13:25:57.481	-1.5						1.3			m_e	
MOA	2.25	75.7	Sg	13:26:01.003	0.1						5.9			m_e	ML 2.6
GEC2	2.34	49.0	Pg	13:25:32.797	-0.7						2.6			m_e	ML 2.5
GEC2	2.34	49.0	Sn	13:25:55.878	1.7						7.4			m_e	
GEC2	2.34	49.0	Sg	13:26:02.415	-1.4						2.2			m_e	
GRA1	2.36	3.2	Pg	13:25:33.491	-0.3						2.4			m_e	ML 2.9
GRA1	2.36	3.2	Sg	13:26:03.493	-0.8						2.0			m_e	
TANN	3.22	16.6	Pn	13:25:38.590	-0.4						1.6			m_e	ML 3.2
TANN	3.22	16.6	Sn	13:26:16.556	1.8						2.6			m_e	
TANN	3.22	16.6	Sg	13:26:29.499	-2.2						2.1			m_e	
MOX	3.33	6.5	Pn	13:25:39.407	-1.1						1.5			m_e	

MOX	3.33	6.5	Pg	13:25:52.200	0.1	---													m_e
MOX	3.33	6.5	Sn	13:26:18.723	1.4	---					3.1								m_e
TNS	3.34	330.5	Pn	13:25:41.952	1.3	---					3.7								m_e
TNS	3.34	330.5	Sn	13:26:20.113	2.4	---					5.6								m_e
BRG	4.02	27.4	Sg	13:26:54.155	-2.9	---					1.6								m_e
CLL	4.17	17.3	Sg	13:27:01.000	-1.0	---													m_e

Event 80910011 Inn Valley/A, W of Innsbruck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/09/10	13:33:35.40	0.08	0.34	47.3417	11.0231	1.8	1.4	175	3.0f		20	6	108			m i ke	LDG	80910031
2008/09/10	13:33:35.91	0.29	0.95	47.3980	11.0580	4.4	3.3	014	10.0f		24	12	154	0.41	3.31	m i ke	BGR	80910021
2008/09/10	13:33:35.07	0.12	0.19	47.3441	11.0222	1.0	0.7	003	8.6	1.0	23	7	140			m i fe	ZAMG	80910011

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.4	8 LDG	80910031
ML	2.6	0.2	8 BGR	80910021
ML	2.7	0.3	12 ZAMG	80910011

Effects	Loctyp	Location	Intensity Scale	Author
F	Summar		4.0- 5.0 EMS	ZAMG
(Felt clearly, even outdoors)				

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PART	0.16	21.9	Pg	13:33:38.400	-0.1									mci	ML 2.3
PART	0.16	21.9	Sg	13:33:41.000	0.1									mci	
WTTA	0.42	100.7	Pg	13:33:43.358	0.2						34.4			m_e	
WTTA	0.42	100.7	Sg	13:33:50.076	1.3						6.4			m_e	
OBER	0.50	277.5	Pg	13:33:45.400	0.8									mci	ML 2.2
OBER	0.50	277.5	Sg	13:33:52.900	1.8									mci	
SCE	0.56	122.9	Pg	13:33:45.600	-0.1									mdi	ML 2.1
SCE	0.56	122.9	Sg	13:33:53.700	0.7									mdi	
DAVA	0.78	266.2	Pg	13:33:50.575	0.8						10.3			m_e	ML 2.4
DAVA	0.78	266.2	Sg	13:34:02.390	2.5						7.7			m_e	
FUR	0.84	11.6	Sg	13:34:02.800	1.0									m_e	
NORI	1.40	349.2	Pn	13:34:01.600	1.5									mdi	ML 2.9
NORI	1.40	349.2	Sn	13:34:18.000	0.1									mdi	
KBA	1.60	98.7	Pg	13:34:05.983	0.7						7.6			m_e	ML 2.3
KBA	1.60	98.7	Sg	13:34:26.412	0.5						4.6			m_e	
BFO	2.06	299.6	Pg	13:34:14.324	0.4						0.6			m_e	ML 2.7
BFO	2.06	299.6	Sg	13:34:40.431	-0.1						3.1			m_e	
WET	2.18	33.8	Pn	13:34:10.851	0.1						4.4			m_e	ML 2.6
WET	2.18	33.8	Pg	13:34:15.432	-0.8						3.1			m_e	
WET	2.18	33.8	Sg	13:34:42.660	-1.8						2.1			m_e	
GEC2	2.34	49.0	Pg	13:34:17.930	-1.2						2.4			m_e	ML 2.4
GEC2	2.34	49.0	Sn	13:34:41.342	1.5									m_e	
GEC2	2.34	49.0	Sg	13:34:48.078	-1.2						2.1			m_e	
GRA1	2.35	3.2	Pg	13:34:18.709	-0.7						2.5			m_e	ML 2.9
GRA1	2.35	3.2	Sg	13:34:49.618	-0.2						2.4			m_e	
OBKA	2.55	107.8	Sg	13:34:56.479	0.4						3.6			m_e	ML 2.7
TANN	3.21	16.6	Pg	13:34:35.441	-0.2						2.9			m_e	ML 3.0

TANN	3.21	16.6	Sg	13:35:15.097	-2.1	---	2.4	m_e
MOX	3.32	6.5	Pn	13:34:24.929	-1.3	---	1.4	m_e
MOX	3.32	6.5	(Pg)	13:34:38.300	0.6	---		m_e
MOX	3.32	6.5	Sn	13:35:04.360	1.3	---		m_e
TNS	3.34	330.4	Pn	13:34:27.545	1.1	---	3.6	m_e
TNS	3.34	330.4	Sn	13:35:03.559	0.1	---		m_e
CLL	4.17	17.3	Pn	13:34:37.000	-0.6	---		m_i
CLL	4.17	17.3	Sg	13:35:45.000	-2.5	---		m_e

Event 80910012 Inn Valley/A, W of Innsbruck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/09/10	13:57:26.80	0.09	0.41	47.3426	11.0377	2.1	1.5	168	2.0	0.0	20	8	108			m i ke	LDG	80910032
2008/09/10	13:57:27.48	0.27	1.04	47.3830	11.0480	4.4	3.3	015	10.0f		33	15	155	0.42	4.48	m i ke	BGR	80910022
2008/09/10	13:57:26.28	0.13	0.32	47.3501	11.0216	1.1	0.7	000	10.0	1.0	22	7	143			m i fe	ZAMG	80910012

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.5	7 LDG	80910032
ML	2.8	0.2	8 BGR	80910022
ML	3.0	0.4	12 ZAMG	80910012

Effects Loctyp Location Intensity Scale Author
 _F Summar 4.0- 5.0 EMS ZAMG
 (Felt clearly, even outdoors)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PART	0.16	22.8	Pg	13:57:29.700	-0.0					---				mci	ML 2.6
PART	0.16	22.8	Sg	13:57:32.400	0.3					---				mci	
WTTA	0.43	101.5	Pg	13:57:34.936	0.5					---	42.0			m_e	
WTTA	0.43	101.5	Sg	13:57:41.620	1.5					---	3.7			m_e	
OBER	0.50	276.8	Pg	13:57:36.700	0.9					---				mci	ML 2.4
OBER	0.50	276.8	Sg	13:57:44.200	1.9					---				mci	
SCE	0.56	123.4	Pg	13:57:37.000	-0.0					---				mdi	ML 2.4
SCE	0.56	123.4	Sg	13:57:45.700	1.3					---				mdi	
DAVA	0.78	265.7	Pg	13:57:41.843	0.8					---	13.1			m_e	
DAVA	0.78	265.7	Sg	13:57:53.926	2.8					---	5.8			m_e	
FUR	0.83	11.8	Pg	13:57:42.842	0.8					---	5.5			m_e	ML 2.8
FUR	0.83	11.8	Sg	13:57:54.496	1.7					---	3.1			m_e	
NORI	1.40	349.2	Pn	13:57:53.000	1.9					---				mdi	ML 3.1
NORI	1.40	349.2	Sn	13:58:09.400	0.7					---				mdi	
KBA	1.60	98.9	Pn	13:57:55.818	1.9					---	18.1			m_e	ML 2.6
KBA	1.60	98.9	Sg	13:58:18.678	1.5					---	5.7			m_e	
BFO	2.06	299.5	Pn	13:58:01.896	1.9					---	13.1			m_e	ML 2.7
BFO	2.06	299.5	Pg	13:58:05.598	0.5					---	8.0			m_e	
BFO	2.06	299.5	Sg	13:58:31.675	0.0					---	3.4			m_e	
WET	2.18	33.9	Pn	13:58:02.298	0.6					---	8.0			m_e	ML 2.7
WET	2.18	33.9	Sg	13:58:34.572	-1.0					---	1.4			m_e	
MOA	2.24	75.9	Pg	13:58:08.187	-0.4					---	4.3			m_e	
MOA	2.24	75.9	Sg	13:58:38.050	0.4					---	5.3			m_e	
GEC2	2.33	49.1	Pg	13:58:09.745	-0.5					---	5.6			m_e	ML 2.7
GEC2	2.33	49.1	Sn	13:58:33.122	2.4					---	6.8			m_e	

GEC2	2.33	49.1	Sg	13:58:39.653	-0.8	---	1.9											m_e	
GRA1	2.35	3.2	Pg	13:58:10.536	0.0	---	4.8											m_e ML	2.9
GRA1	2.35	3.2	Sg	13:58:40.834	-0.0	---	2.0											m_e	
OBKA	2.55	107.9	Sg	13:58:48.354	1.0	---	4.1											m_e ML	2.7
TANN	3.21	16.6	Pn	13:58:15.199	-0.5	---	2.5											m_e ML	3.2
TANN	3.21	16.6	Pg	13:58:26.817	0.1	---	2.2											m_e	
TANN	3.21	16.6	Sn	13:58:53.581	2.3	---	2.4											m_e	
TANN	3.21	16.6	Sg	13:59:06.530	-1.7	---	2.0											m_e	
MOX	3.32	6.5	Pn	13:58:16.296	-0.9	---	1.6											m_e	
MOX	3.32	6.5	Pg	13:58:29.356	0.5	---	2.7											m_e	
MOX	3.32	6.5	Sn	13:58:55.501	1.6	---	3.0											m_e	
MOX	3.32	6.5	Sg	13:59:11.343	-0.4	---	1.8											m_e	
TNS	3.34	330.4	Pn	13:58:18.626	1.2	---	5.1											m_e	
TNS	3.34	330.4	Sn	13:58:55.405	1.1	---	3.6											m_e	
CLL	4.16	17.3	Pn	13:58:28.282	-0.3	---	1.6											m_e ML	2.5
CLL	4.16	17.3	Sn	13:59:16.000	2.3	---												m_e	
CLL	4.16	17.3	Sg	13:59:36.000	-2.5	---												m_i	
CLZ	4.51	354.9	Pg	13:58:53.182	1.9	---	2.1											m_e	

Event 80910014 Inn Valley/A, W of Innsbruck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/09/10	18:47:13.28	0.35	1.02	47.3910	11.0700	4.4	3.3	171	10.0f		22	10	155	0.40	3.27	m i ke	BGR	80910024
2008/09/10	18:47:11.89	0.25	0.16	47.3516	11.0208	1.6	1.0	018	8.9	2.2	11	5	148			m i fe	ZAMG	80910014

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	8 BGR	80910024
ML	2.2	0.2	7 ZAMG	80910014

Effects	Loctyp	Location	Intensity	Scale	Author
F	Summar		3.0-	4.0 EMS	ZAMG

(Felt)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.43	101.7	Pg	18:47:20.408	0.3					---	7.4			m_e	
WTTA	0.43	101.7	Sg	18:47:26.874	1.2					---	6.2			m_e	
DAVA	0.78	265.6	Pg	18:47:28.969	2.4					---	4.9			m_e ML	1.8
DAVA	0.78	265.6	Sg	18:47:38.878	2.2					---	6.7			m_e	
FUR	0.83	11.8	Pg	18:47:28.351	0.8					---	2.2			m_e ML	1.9
FUR	0.83	11.8	Sg	18:47:39.847	1.5					---	2.7			m_e	
BFO	2.05	299.4	Pg	18:47:52.596	2.0					---	2.1			m_e ML	2.0
BFO	2.05	299.4	Sn	18:48:12.592	2.6					---	5.5			m_e	
BFO	2.05	299.4	Sg	18:48:17.754	0.6					---	3.3			m_e	
WET	2.18	33.9	Pg	18:47:52.024	-0.9					---	1.6			m_e ML	2.0
WET	2.18	33.9	Sn	18:48:13.971	1.1					---	4.6			m_e	
WET	2.18	33.9	Sg	18:48:19.874	-1.2					---	1.2			m_e	
MOA	2.24	76.0	Sg	18:48:23.563	0.3					---	5.6			m_e ML	1.9
GEC2	2.33	49.2	Pg	18:47:55.372	-0.5					---	2.2			m_e ML	1.9
GEC2	2.33	49.2	Sn	18:48:18.178	1.7					---	6.0			m_e	
GEC2	2.33	49.2	Sg	18:48:24.880	-1.1					---	2.2			m_e	
GRA1	2.34	3.2	Pg	18:47:56.085	-0.0					---	2.1			m_e ML	2.2

GRA1	2.34	3.2	Sg	18:48:26.225	-0.2	---	2.6	m_e	
TANN	3.21	16.6	Sn	18:48:38.732	1.7	---	1.6	m_e ML	2.4
TANN	3.21	16.6	Sg	18:48:52.114	-1.7	---	1.7	m_e	
MOX	3.32	6.5	Sn	18:48:39.929	0.3	---	2.0	m_e	
MOX	3.32	6.5	Sg	18:48:56.855	-0.4	---	1.5	m_e	

Event 80915007 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/09/15	09:24:47.54	1.33	1.25	50.2160	18.5000	15.6	6.7	062	1.0f		17	14	287	0.44	4.71	m i ki	BGR	80915007

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.2	9 BGR	80915007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OKC	0.44	211.0	Pg	09:24:55.837	-0.0					T_	12.8			m_e	
OKC	0.44	211.0	Sg	09:25:04.066	2.5					T_				m_e	
MORC	0.76	234.9	Pg	09:25:01.765	-0.0					T_	22.0			m_e ML	2.7
MORC	0.76	234.9	Sg	09:25:14.068	2.5					T_				m_e	
DPC	1.40	276.3	Pg	09:25:12.636	-1.3					T_	27.1			m_e	
DPC	1.40	276.3	Sg	09:25:33.466	1.5					T_				m_e	
PRU	2.55	266.4	Sg	09:26:09.278	0.8					T_				m_e	
BRG	2.97	284.5	Sg	09:26:23.597	1.7					T_				m_e ML	3.0
FBE	3.34	284.2	Sg	09:26:34.577	0.8					T_				m_e ML	3.0
GEC2	3.40	248.1	Sg	09:26:33.405	-2.2					T_				m_e ML	3.2
CLL	3.64	289.5	Pg	09:25:57.000	0.8					---				m_e ML	3.0
CLL	3.64	289.5	Sg	09:26:45.000	1.7					---				m_e	
WET	3.79	255.7	Sg	09:26:49.642	1.7					T_				m_e ML	3.4
NKC	3.87	272.6	Sg	09:26:50.282	-0.2					T_				m_e	
WERN	3.92	273.4	Sg	09:26:51.534	-0.4					T_				m_e ML	3.3
PLN	4.05	276.2	Sg	09:26:57.542	1.2					T_				m_e	
ROTZ	4.07	266.1	Sg	09:26:56.047	-0.8					T_				m_e ML	3.2
MOX	4.40	278.2	Sg	09:27:09.708	2.2					T_				m_e ML	3.2
GRA1	4.71	266.4	Sg	09:27:16.008	-1.2					T_				m_e ML	3.6

Event 80915001 Garmisch-Partenkirchen, German-Austrian border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/09/15	17:27:03.70	0.16	0.63	47.2345	11.2760	4.6	2.8	007	5.0f		20	6	111			m i ke	LDG	80915021
2008/09/15	17:27:01.73	0.25	0.51	47.4073	11.2775	1.5	0.7	011	12.0	2.3	23	8	153			m i fe	ZAMG	80915011
2008/09/15	17:27:03.64	0.17	1.33	47.4180	11.2980	3.3	2.2	151	10.0f		40	25	073	0.15	3.23	m i ke	BGR	80915001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.2	7 LDG	80915021
ML	2.6	0.5	12 ZAMG	80915011
ML	2.5	0.2	12 BGR	80915001

Effects	Loctyp	Location	Intensity	Scale	Author
_F_____	Summar		4.0-	5.0 EMS	ZAMG

(Felt clearly)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
PART	0.15	302.4	Pg	17:27:05.300	-1.6					---				mdi	ML	2.5
PART	0.15	302.4	Sg	17:27:07.900	-1.2					---				mdi		
MOTA	0.15	241.0	Pg	17:27:05.427	-1.5					T__	353.3			m_e		
MOTA	0.15	241.0	Sg	17:27:08.318	-0.9					T__				m_e		
WATA	0.21	113.5	Pg	17:27:06.422	-1.4					T__	103.0			m_e		
WATA	0.21	113.5	Sg	17:27:10.591	-0.2					T__				m_e		
SQTA	0.21	197.1	Pg	17:27:06.626	-1.3					T__	92.4			m_e		
SQTA	0.21	197.1	Sg	17:27:10.225	-0.6					T__				m_e		
WTTA	0.28	123.8	Pg	17:27:07.747	-1.4					T__	35.1			m_e		
WTTA	0.28	123.8	Sg	17:27:12.889	0.0					T__				m_e		
SCE	0.47	143.4	Pg	17:27:11.600	-1.1					---				mdi	ML	1.7
SCE	0.47	143.4	Sg	17:27:18.200	-0.7					---				mdi		
OBER	0.68	269.4	Pg	17:27:15.600	-1.0					---				mce	ML	1.9
OBER	0.68	269.4	Sg	17:27:26.500	1.1					---				mce		
FUR	0.75	358.8	Sg	17:27:28.816	1.3					T__				m_e	ML	2.1
DAVA	0.97	262.7	Pg	17:27:21.957	-0.0					T__	26.3			m_e	ML	2.5
DAVA	0.97	262.7	Sg	17:27:36.806	2.2					T__				m_e		
RJOB	1.06	71.9	Pn	17:27:25.033	1.1					T__	8.7			m_e	ML	2.5
RJOB	1.06	71.9	Sg	17:27:40.369	2.9					T__				m_e		
FUORN	1.06	221.8	Pg	17:27:22.113	-1.7					T__	7.1			m_e		
DAVOX	1.16	237.1	Pn	17:27:23.851	-1.4					T__	5.4			m_e		
LIENZ	1.23	265.0	Pn	17:27:26.515	0.3					T__	3.4			m_e		
LIENZ	1.23	265.0	Sg	17:27:44.329	1.6					T__				m_e		
BERNI	1.33	221.4	Pn	17:27:27.343	-0.2					T__	3.4			m_e		
PLONS	1.35	254.9	Sg	17:27:48.085	1.4					T__				m_e		
NORI	1.38	341.2	Pn	17:27:29.400	1.2					---				mdi	ML	2.6
NORI	1.38	341.2	Sn	17:27:48.400	2.8					---				mdi		
KBA	1.43	103.0	Pg	17:27:32.571	1.9					T__	2.6			m_e		
VDL	1.57	234.2	Pg	17:27:33.839	0.6					T__	4.9			m_e		
WILA	1.62	270.8	Pn	17:27:33.498	2.0					T__	2.3			m_e		
WILA	1.62	270.8	Sg	17:27:54.035	-1.1					T__				m_e		
ZUR	1.84	269.5	Sg	17:28:02.639	0.5					T__				m_e		
STU	1.95	314.7	Sg	17:28:05.165	-0.5					T__				m_e	ML	2.7
WET	2.02	30.8	Pn	17:27:37.595	0.7					T__	3.7			m_e	ML	2.3
WET	2.02	30.8	Pg	17:27:41.783	0.0					T__	5.5			m_e		
WET	2.02	30.8	Sn	17:28:03.932	3.2					---				m_e		
WET	2.02	30.8	Sg	17:28:07.405	-0.5					T__				m_e		
MOA	2.05	76.7	Sg	17:28:08.889	0.2					T__				m_e	ML	2.8
GEC2	2.15	47.5	Pn	17:27:39.353	0.7					T__	1.7			m_e	ML	2.1
GEC2	2.15	47.5	Sn	17:28:07.645	3.9					---				m_e		
GEC2	2.15	47.5	Sg	17:28:12.002	0.1					T__				m_e		
BFO	2.19	295.7	Pn	17:27:41.018	1.8					T__	2.3			m_e	ML	2.3
BFO	2.19	295.7	Sg	17:28:12.265	-1.0					T__				m_e		
GRA1	2.27	358.8	Sg	17:28:15.844	-0.1					T__				m_e	ML	2.7
ROTZ	2.42	14.0	Pg	17:27:49.347	-0.0					T__	3.5			m_e	ML	2.5
ROTZ	2.42	14.0	Sg	17:28:18.271	-2.4					T__				m_e		
TANN	3.09	13.9	Pg	17:28:01.137	-0.8					T__	2.0			m_e	ML	2.7
TANN	3.09	13.9	Sg	17:28:39.420	-2.5					T__				m_e		
MOX	3.23	3.6	Sn	17:28:31.062	1.8					T__				m_e	ML	2.6
MOX	3.23	3.6	Sg	17:28:45.473	-0.9					T__				m_e		
CLL	4.04	15.3	Sg	17:29:12.000	-0.2					---				m_e		

Event 80917014 Delemont, Solothurn/CH

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/09/17	02:57:45.18	0.43	0.31	47.1621	7.7189	2.7	2.4	037	12.7	2.6	18	2	351			m i uk	ZAMG	80917044
2008/09/17	02:57:43.00	0.05	0.53	47.2160	7.5303	1.2	0.8	132	8.0f		66	18	053			m i ke	LDG	80917034
2008/09/17	02:57:45.01	1.08	0.63	47.2890	7.6350	10.0	3.3	042	10.0f		12	9	249	1.14	3.95	m i ke	BGR	80917024
2008/09/17	02:57:42.90			47.2310	7.5530				8.0							m i uk	SED	80917014

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.4	2 ZAMG	80917044
MD	2.7	0.2	2 LDG	80917034
ML	2.5	0.3	18 LDG	80917034
ML	2.1	0.1	3 BGR	80917024
ML	2.1		SED	80917014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	1.22	25.1	Pg	02:58:05.944	0.1									m_e	ML 2.0
BFO	1.22	25.1	Sg	02:58:22.241	0.6									m_e	
DAVA	1.58	87.1	Pg	02:58:13.570	0.9									m_e	ML 2.1
DAVA	1.58	87.1	Sg	02:58:33.937	0.8									m_e	
STU	1.89	34.9	Sg	02:58:41.500	-1.5									m_e	ML 2.3
WLF	2.60	339.6	Sg	02:59:06.801	1.1									m_e	
WTTA	2.77	87.8	Sg	02:59:11.594	0.6									m_e	
TNS	3.05	10.8	Sg	02:59:20.567	0.8									m_e	
GRA1	3.46	43.3	Pg	02:58:48.345	0.2									m_e	
GRA1	3.46	43.3	Sg	02:59:32.475	-0.4									m_e	
RJOB	3.58	79.9	Sg	02:59:36.563	-0.0									m_e	
WET	4.03	59.7	Sg	02:59:50.338	-0.7									m_e	

Event 80917011 Koblenz/Middle Rhine Area

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/09/17	20:09:07.10	0.06	0.34	50.3148	7.4183	1.2	0.9	077	7.0f		32	9	108			m i ke	LDG	80917031
2008/09/17	20:09:06.72	0.39	0.55	50.3000	7.4450	5.6	3.3	138	10.0f		8	6	121	0.65	2.40	m i ke	BGR	80917021
2008/09/17	20:09:07.20	0.62	0.21	50.3260	7.4150				4.6	19.7		8	139	0.13	1.07	m i ke	BNS	80917011

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.8		1 LDG	80917031
ML	2.4	0.3	10 LDG	80917031
ML	1.6	0.1	4 BGR	80917021
ML	1.5		BNS	80917011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BGG	0.13	202.5	Pg	20:09:10.050	0.3					T__				mci	
BGG	0.13	202.5	Sg	20:09:11.790	0.3					T__		166.6	0.14	m_i	
KOE	0.23	63.7	Pg	20:09:11.730	0.2					T__				mdi	
KOE	0.23	63.7	Sg	20:09:14.540	0.1					T__		113.8	0.30	m_e	

KBA	1.37	88.1	Pg	22:11:04.805	0.1	---	68.7	m_e	ML	2.6
KBA	1.37	88.1	Sg	22:11:22.039	-0.4	---		m_e		
MOA	2.13	66.9	Pg	22:11:19.028	-0.1	---	28.8	m_e	ML	2.6
MOA	2.13	66.9	Sg	22:11:48.058	1.3	---		m_e		
OBKA	2.26	102.6	Pg	22:11:20.939	-0.7	---	6.5	m_e	ML	2.6
OBKA	2.26	102.6	Sg	22:11:50.981	0.1	---		m_e		
WET	2.33	25.6	Pn	22:11:18.582	2.3	---	15.6	m_e	ML	2.8
WET	2.33	25.6	Sn	22:11:47.383	4.3	---		m_e		
WET	2.33	25.6	Sg	22:11:53.565	0.5	---		m_e		
GEC2	2.39	40.5	Pn	22:11:19.595	2.5	---	10.0	m_e	ML	2.7
GEC2	2.39	40.5	Sn	22:11:49.244	4.7	---		m_e		
GEC2	2.39	40.5	Sg	22:11:55.162	0.2	---		m_e		
BFO	2.40	303.4	Pn	22:11:20.379	3.3	---	1.4	m_e	ML	2.5
BFO	2.40	303.4	Pg	22:11:27.591	3.5	---	8.4	m_e		
BFO	2.40	303.4	Sn	22:11:49.957	5.4	---		m_e		
GRA1	2.64	358.4	Sn	22:11:54.479	4.1	---		m_e	ML	3.0
GRA1	2.64	358.4	Sg	22:12:03.341	0.4	---		m_e		
ROTZ	2.78	11.7	Pn	22:11:23.543	1.2	---	3.1	m_e	ML	2.7
ROTZ	2.78	11.7	Pg	22:11:32.405	1.1	---	9.2	m_e		
ROTZ	2.78	11.7	Sn	22:11:56.887	3.3	---		m_e		
ROTZ	2.78	11.7	Sg	22:12:07.475	0.3	---		m_e		
WERN	3.31	11.6	Pg	22:11:41.841	0.6	---	2.9	m_e	ML	3.0
WERN	3.31	11.6	Sn	22:12:09.792	3.7	---		m_e		
WERN	3.31	11.6	Sg	22:12:24.635	0.6	---		m_e		
MOX	3.60	2.8	Pn	22:11:33.600	0.2	---		mce	ML	2.9
MOX	3.60	2.8	Sn	22:12:16.795	3.9	---		m_e		
MOX	3.60	2.8	Sg	22:12:35.441	2.1	---		m_e		
TNS	3.70	330.0	Pn	22:11:38.012	3.2	---	2.1	m_e		
TNS	3.70	330.0	Sn	22:12:20.760	5.4	---		m_e		
CLL	4.39	13.7	Pn	22:11:47.005	2.8	---	1.7	m_e	ML	3.2
CLL	4.39	13.7	Sg	22:13:00.024	1.5	---		m_e		

Event 80918010 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2008/09/18	14:33:16.40	0.14	0.31	51.6138	6.5689	2.1	1.4	005	1.0f		32	12	254			m i sr	LDG	80918040	
2008/09/18	14:33:17.90	0.82	0.31	51.5390	6.5590				1.0f				10	277	0.30	1.42	m i ki	BNS	80918030
2008/09/18	14:33:18.57	0.60	0.95	51.4780	6.6410	8.9	3.3	132	1.0f		13	8	201	0.39	3.33	m i ki	BGR	80918020	
2008/09/18	14:33:16.70			51.5900	6.5800				1.0f							m i ki	BUG	80918010	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.3	11 LDG	80918040
ML	2.3		BNS	80918030
ML	2.6	0.3	6 BGR	80918020
ML	2.3		BUG	80918010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
LAUG	0.33	136.4	Pg	14:33:23.500	0.6					---				m_e		
LAUG	0.33	136.4	Sg	14:33:28.480	1.3					---		147.1	0.69	m_e		
BUG	0.45	108.9	Pg	14:33:26.200	0.9					TA_				mce	ML	2.3
BUG	0.45	108.9	Sg	14:33:33.200	2.1					TA_				m_		

NEUB	2.73	265.0	Sg	03:39:18.047	0.8	T__	8.9	m_e
MOX	2.96	254.4	Pn	03:38:37.900	0.3	---		mce
MOX	2.96	254.4	Pg	03:38:45.682	-0.7	T__	5.5	m_e
MOX	2.96	254.4	Sg	03:39:25.772	1.2	T__	10.7	m_e
GEC2	3.09	210.9	Pn	03:38:40.447	1.0	T__	12.0	m_e
WET	3.15	222.2	Pn	03:38:40.208	-0.1	T__	8.0	m_e
ASSE	3.42	282.3	Pg	03:38:54.830	-0.1	T__	7.3	m_e

Event 80924003 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2008/09/24	13:55:37.10			51.4640	6.6020				5.0f							m i uk	NEIC	80924043	
2008/09/24	13:55:38.10	0.09	0.37	51.4934	6.6415	1.8	1.2	146	1.0f		31	11	157			m i sr	LDG	80924033	
2008/09/24	13:55:37.30	0.86	0.41	51.5360	6.5880				1.0f				6	286	0.47	1.32	m i ki	BNS	80924023
2008/09/24	13:55:38.07	0.57	1.02	51.4700	6.6560	8.9	4.4	126	1.0f		11	7	201	0.38	2.57	m i ki	BGR	80924013	
2008/09/24	13:55:35.70			51.5280	6.5290				1.0f				344	0.03	0.47	m i ki	BUG	80924003	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		NEIC	80924043
ML	3.0	0.3	12 LDG	80924033
ML	2.3		BNS	80924023
ML	2.5	0.2	4 BGR	80924013
ML	2.3		BUG	80924003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BRHE	0.03	115.5	Pg	13:55:37.400	1.1					T__				m__	ML	1.5
BRHE	0.03	115.5	Sg	13:55:38.600	1.9					T__				m__		
RODG	0.44	209.7	Sg	13:55:53.260	3.6					---				m_e		
BUG	0.47	100.4	Pg	13:55:45.500	1.0					TA_				mde	ML	2.3
BUG	0.47	100.4	Sg	13:55:52.700	2.1					TA_				m__		
HOBG	0.74	136.9	Pg	13:55:51.100	1.4					---				m_e		
DREG	0.88	192.2	Pg	13:55:53.831	1.5					---	15.8			m_e	ML	2.6
DREG	0.88	192.2	Sg	13:56:06.161	2.4					---	5.2			m_e		
KLL	0.89	188.9	Pg	13:55:54.530	2.0					---				m_e		
STB	0.95	168.1	Pg	13:55:55.650	2.0					---				m_e		
STB	0.95	168.1	Sg	13:56:08.650	2.6					---		71.4	0.42	m_e		
IBBN	1.09	43.8	Pg	13:55:58.250	2.1					---	2.0			m_e	ML	2.6
IBBN	1.09	43.8	Sg	13:56:12.847	2.6					---	7.9			m_e		
KOE	1.34	145.1	Pg	13:56:01.710	0.8					---				m_e		
TNS	1.78	136.4	Pg	13:56:09.793	0.5					---	5.4			m_e		
TNS	1.78	136.4	Sg	13:56:31.148	-1.1					---	2.6			m_e		
WLF	1.88	187.5	Sg	13:56:35.483	0.1					---	3.8			m_e	ML	2.6
CLZ	2.40	81.0	Sg	13:56:50.766	-1.3					---	2.3			m_e		
ASSE	2.63	75.1	Sg	13:56:59.411	0.1					---	1.7			m_e		

Event 80925001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/09/25	03:50:31.75	0.85	0.88	51.4840	16.1540	12.2	8.9	171	1.0f		12	7	318	1.51	6.60	m i ki	BGR	80925031

Magnitude Err Nsta Author OrigID
 ML 3.1 0.1 3 BGR 80925031

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.51	247.1	Pn	03:50:58.536	-0.7					T__	29.3			m_e	ML 3.1
BRG	1.51	247.1	Sg	03:51:20.258	0.4					T__	7.3			m_e	
CLL	1.97	266.1	Pn	03:51:04.825	-0.6					T__	19.2			m_e	ML 3.1
CLL	1.97	266.1	Pg	03:51:08.000	-0.9					---				m_i	
CLL	1.97	266.1	Sg	03:51:34.174	-0.3					T__	4.1			m_e	
MGBB	2.92	240.3	Pn	03:51:18.600	0.4					---				mdi	ML 3.1
MOX	2.97	255.4	Pn	03:51:19.000	0.0					---				mce	
MOX	2.97	255.4	Pg	03:51:27.900	0.1					---				mce	
MOX	2.97	255.4	Sg	03:52:07.300	1.1					---				mce	
ASSE	3.45	282.9	Pg	03:51:36.241	-0.5					T__	3.2			m_e	ML 3.2
ASSE	3.45	282.9	Sg	03:52:22.197	0.9					T__	3.9			m_e	
GRAI	3.61	242.1	Pn	03:51:28.258	0.7					T__	3.3			m_e	
HROE	3.89	258.2	Pn	03:51:31.900	0.5					---				mdi	ML 3.4
TNS	5.02	258.5	Pn	03:51:47.324	0.5					T__	3.2			m_e	
TNS	5.02	258.5	Sg	03:53:10.807	-0.5					T__	2.5			m_e	
BFO	5.94	241.0	Pg	03:52:25.107	1.4					T__	1.8			m_e	
BFO	5.94	241.0	Sg	03:53:39.684	-0.8					T__	3.0			m_e	
WLF	6.60	257.9	Sg	03:54:03.631	2.2					T__	3.1			m_e	

Event 80926001 Friedrichshafen, SW of Ravensburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/09/26	02:21:31.90	0.50	0.82	47.6670	9.4798	3.2	1.8	136	10.2	3.6	36	7	316			m i uk	ZAMG	80926041
2008/09/26	02:21:32.50	0.05	0.41	47.6494	9.4189	0.9	0.9	028	5.0f			14	031			m i ke	LDG	80926031
2008/09/26	02:21:31.80			47.6700	9.4500				5.0							m i uk	SED	80926021
2008/09/26	02:21:32.38	0.20	0.74	47.6910	9.4400	3.3	2.2	165	10.0f		26	16	074	0.40	3.28	m i ke	BGR	80926011
2008/09/26	02:21:32.37	0.16	0.22	47.6600	9.4300	2.6	1.2	011	7.0f		30	13	148	0.31	1.89	m i ke	LED	80926001

(#PRIME)

Magnitude Err Nsta Author OrigID
 ML 2.4 0.5 11 ZAMG 80926041
 MD 2.5 0.1 2 LDG 80926031
 ML 2.4 0.3 17 LDG 80926031
 ML 2.0 SED 80926021
 ML 2.1 0.3 5 BGR 80926011
 ML 2.3 0.2 13 LED 80926001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SISB	0.31	275.0	P*	02:21:38.740						T__				mci	ML 1.9
SISB	0.31	275.0	S*	02:21:43.810						---				m__	
LIENZ	0.37	173.2	Pg	02:21:39.532	0.2					---	21.7			m_e	
WILA	0.43	235.4	Pg	02:21:40.760	0.2					---	30.7			m_e	
WILA	0.43	235.4	Sg	02:21:47.260	1.1					---				m_e	
UBR	0.46	87.2	P*	02:21:41.300						T__				mci	ML 2.0
UBR	0.46	87.2	S*	02:21:48.300						T__				m_i	
GUT	0.46	332.9	P*	02:21:41.140						T__				mdi	ML 2.1
GUT	0.46	332.9	S*	02:21:47.780						T__				m__	

DAVA	0.48	140.6	Pg	02:21:41.609	0.1	---	6.7	m_e	ML	1.8
DAVA	0.48	140.6	Sg	02:21:48.859	1.1	---		m_e		
SPAK	0.62	315.9	P*	02:21:44.290		T_		m_		
OBER	0.64	113.1	P*	02:21:44.520		T_		m_	ML	1.3
OBER	0.64	113.1	PmP	02:21:47.430	0.1	---		m_		
OBER	0.64	113.1	S*	02:21:54.120		T_		m_		
SLE	0.64	279.9	Pg	02:21:44.499	0.0	---	18.2	m_e		
SLE	0.64	279.9	Sg	02:21:53.255	0.5	---		m_e		
ZUR	0.64	243.4	Pg	02:21:44.756	0.2	---	6.9	m_e		
ZUR	0.64	243.4	Sg	02:21:53.830	0.9	---		m_e		
BUCH	0.79	356.3	P*	02:21:47.250		T_		md_	ML	2.2
BUCH	0.79	356.3	PmP	02:21:48.690	-1.1	T_		m_		
BUCH	0.79	356.3	S*	02:21:58.560		T_		m_		
BUCH	0.79	356.3	SmS	02:22:01.250	-0.5	T_		m_		
TUBL	0.89	345.1	P*	02:21:49.310		T_		md_	ML	2.3
TUBL	0.89	345.1	PmP	02:21:50.480	-1.0	T_		m_		
TUBL	0.89	345.1	S*	02:22:01.350		T_		m_		
TUBL	0.89	345.1	SmS	02:22:03.740	-0.8	---		m_		
SULZ	0.90	262.1	Sg	02:22:02.445	1.5	---		m_e		
FELD	0.98	283.2	P*	02:21:51.190		T_		m_		
BFO	1.00	312.7	P*	02:21:51.260		T_		mc_	ML	2.4
BFO	1.00	312.7	Pg	02:21:51.750	0.6	---		m_		
BFO	1.00	312.7	PmP	02:21:52.100	-1.1	T_		m_		
BFO	1.00	312.7	S*	02:22:04.380		T_		m_		
KIZ	1.06	286.8	P	02:21:52.160		T_		mc_	ML	2.4
KIZ	1.06	286.8	Pg	02:21:52.700	0.4	T_		m_		
KIZ	1.06	286.8	Sg	02:22:06.530	0.5	T_		m_		
HDH	1.06	29.0	P*	02:21:52.140		T_		m_	ML	2.5
HDH	1.06	29.0	Pg	02:21:52.610	0.2	T_		m_		
HDH	1.06	29.0	S*	02:22:06.350		T_		m_		
HDH	1.06	29.0	Sg	02:22:07.410	1.3	---		m_		
HDH	1.06	29.0	SmS	02:22:08.080	-1.2	T_		m_		
LBG	1.09	337.4	P	02:21:52.640		T_		md_	ML	2.4
LBG	1.09	337.4	PmP	02:21:53.280	-1.5	T_		m_		
LBG	1.09	337.4	S	02:22:06.050		---		m_		
LBG	1.09	337.4	Sg	02:22:07.740	0.7	---		m_		
LBG	1.09	337.4	SmS	02:22:09.060	-1.1	T_		m_		
BALST	1.22	255.2	Pg	02:21:54.655	-0.7	---	9.1	m_e		
BALST	1.22	255.2	Sg	02:22:10.773	-0.3	---		m_e		
BBS	1.31	262.1	Pg	02:21:57.040	-0.1	T_		m_		
LIBD	1.32	292.5	Pg	02:21:57.870	0.6	---		m_		
NORI	1.33	36.5	Pn	02:21:57.400	0.8	---		mci	ML	2.6
NORI	1.33	36.5	Sn	02:22:15.200	1.5	---		mci		
FUR	1.34	67.2	Pg	02:21:57.811	0.3	---	5.6	m_e	ML	2.5
FUR	1.34	67.2	Sg	02:22:15.871	1.0	---		m_e		
BOURR	1.51	260.7	Pg	02:22:01.193	0.4	---	7.9	m_e		
BOURR	1.51	260.7	Sg	02:22:21.019	0.7	---		m_e		
WTTA	1.54	104.1	Pg	02:22:01.343	-0.1	---	1.8	m_e		
WTTA	1.54	104.1	Sg	02:22:22.733	1.3	---		m_e		
ECH	1.62	290.9	Pg	02:22:03.050	0.1	---		m_	ML	1.7
ECH	1.62	290.9	S	02:22:19.100		---		m_		
ECH	1.62	290.9	Sg	02:22:23.850	-0.0	---		m_		
SCE	1.67	111.1	Pn	02:22:03.700	2.5	---		mci	ML	2.1
SCE	1.67	111.1	Sn	02:22:25.600	3.9	---		mci		

SIND	1.69	3.9	P	02:22:00.320										m__	ML	2.3
SIND	1.69	3.9	Pg	02:22:04.020	-0.3									m__		
SIND	1.69	3.9	S	02:22:21.710										m__		
SIND	1.69	3.9	Sg	02:22:26.000	-0.2									m__		
SIND	1.69	3.9	SmS	02:22:29.580	1.3									m__		
SWS	1.89	345.5	Pg	02:22:08.000	0.0									m__	ML	2.3
SWS	1.89	345.5	S	02:22:27.520										m__		
RJOB	2.27	86.8	Pg	02:22:14.116	-1.0					3.3				m_e		
RJOB	2.27	86.8	Sg	02:22:45.426	1.0									m_e		
GRA1	2.35	29.5	Sg	02:22:45.909	-1.2									m_e	ML	2.4
WET	2.73	55.8	Sg	02:22:57.159	-1.9									m_e	ML	2.2
GEC2	3.08	65.8	Sg	02:23:08.647	-1.6									m_e		
MOX	3.31	24.8	Pg	02:22:36.800	2.1									mce		
MOX	3.31	24.8	Sg	02:23:16.386	-1.1									m_e		
CLL	4.32	31.1	Sg	02:23:52.000	2.3									m_e		

Event 80927006 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/09/27	10:43:51.20	0.27	0.94	51.4170	16.1670	3.3	2.2	020	1.0f		56	25	169	0.58	5.91	m i ki	BGR	80927036

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.4	19 BGR	80927036

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.58	172.1	Pg	10:44:02.405	0.3					T__	41.2			m_e	ML 2.2
KSP	0.58	172.1	Sg	10:44:10.409	0.8					T__				m_e	
DPC	1.07	174.7	Pg	10:44:11.261	-0.1					T__	52.8			m_e	
DPC	1.07	174.7	Sg	10:44:26.191	1.0					T__				m_e	
BRG	1.50	249.6	Pg	10:44:19.212	-0.2					T__	8.4			m_e	ML 2.9
BRG	1.50	249.6	Sg	10:44:39.612	0.8					T__				m_e	
PRU	1.76	216.4	Pn	10:44:21.948	-0.1					T__	0.9			m_e	
PRU	1.76	216.4	Pg	10:44:24.348	-0.0					T__	9.2			m_e	
PRU	1.76	216.4	Sg	10:44:48.404	1.3					T__				m_e	
RUE	1.81	306.7	Pn	10:44:21.386	-1.3					T__	3.9			m_e	ML 2.9
RUE	1.81	306.7	Pg	10:44:25.164	-0.2					T__	6.6			m_e	
RUE	1.81	306.7	Sg	10:44:48.312	-0.5					T__				m_e	
FBE	1.83	255.4	Pg	10:44:25.679	-0.0					T__	7.2			m_e	ML 2.8
FBE	1.83	255.4	Sg	10:44:49.257	-0.1					T__				m_e	
MORC	1.86	151.4	Pn	10:44:23.062	-0.3					T__	12.4			m_e	ML 2.4
MORC	1.86	151.4	Pg	10:44:25.335	-0.9					T__	22.7			m_e	
MORC	1.86	151.4	Sg	10:44:49.726	-0.5					T__				m_e	
CLL	1.98	268.1	Pn	10:44:24.400	-0.6									m_i	ML 2.9
CLL	1.98	268.1	Pg	10:44:28.344	-0.1					T__	7.8			m_e	
CLL	1.98	268.1	Sg	10:44:54.442	0.4					T__				m_e	
OKC	2.02	140.7	Pn	10:44:24.801	-0.7					T__	1.0			m_e	
OKC	2.02	140.7	Pg	10:44:29.890	0.7					T__	7.0			m_e	
OKC	2.02	140.7	Sg	10:44:54.359	-0.9					T__				m_e	
TANN	2.54	248.2	Pn	10:44:32.918	0.3					T__	4.0			m_e	ML 3.2
TANN	2.54	248.2	Pg	10:44:39.488	0.4					T__	3.2			m_e	
TANN	2.54	248.2	Sg	10:45:11.194	-0.7					T__				m_e	
OJC	2.59	116.1	Pg	10:44:39.437	-0.5					T__	9.5			m_e	

OJC	2.59	116.1	Sg	10:45:14.001	0.6	T__													m_e		
WERD	2.62	249.8	Pn	10:44:33.726	0.1	T__	2.1												m_e ML	3.1	
WERD	2.62	249.8	Pg	10:44:39.511	-1.0	T__	11.7												m_e		
WERD	2.62	249.8	Sg	10:45:12.990	-1.4	T__													m_e		
NKC	2.63	244.7	Pn	10:44:34.067	0.3	T__	2.5												m_e		
NKC	2.63	244.7	Pg	10:44:41.803	1.0	T__	7.7												m_e		
NKC	2.63	244.7	Sg	10:45:15.515	0.8	T__													m_e		
GUNZ	2.64	248.0	Pg	10:44:42.012	1.1	T__	2.3												m_e ML	3.3	
GUNZ	2.64	248.0	Sg	10:45:14.354	-0.7	T__													m_e		
WERN	2.65	246.2	Pn	10:44:34.374	0.4	T__	2.1												m_e ML	3.3	
WERN	2.65	246.2	Pg	10:44:42.399	1.3	T__	7.7												m_e		
WERN	2.65	246.2	Sg	10:45:13.924	-1.3	T__													m_e		
NEUB	2.75	267.4	Pg	10:44:42.668	-0.4	T__	5.4												m_e ML	3.6	
NEUB	2.75	267.4	Sg	10:45:18.879	0.2	T__													m_e		
KHC	2.82	216.9	Pn	10:44:37.243	0.8	T__	2.4												m_e		
KHC	2.82	216.9	Sn	10:45:09.996	1.1	T__													m_e		
KHC	2.82	216.9	Sg	10:45:19.344	-1.5	T__													m_e		
MOX	2.96	256.7	Pg	10:44:46.492	-0.6	T__	4.3												m_e ML	3.4	
MOX	2.96	256.7	Sg	10:45:25.531	0.2	T__													m_e		
ROTZ	3.01	238.3	Pn	10:44:39.824	0.9	T__	3.7												m_e ML	3.0	
ROTZ	3.01	238.3	Sg	10:45:25.804	-0.9	T__													m_e		
GEC2	3.02	212.5	Pn	10:44:40.826	1.8	T__	12.1												m_e ML	3.1	
GEC2	3.02	212.5	Pg	10:44:46.239	-1.8	T__	12.1												m_e		
GEC2	3.02	212.5	Sg	10:45:25.756	-1.3	T__													m_e		
GRA1	3.58	243.2	Sg	10:45:45.809	0.8	T__													m_e ML	3.5	
CLZ	3.62	279.0	Pn	10:44:48.676	1.4	T__	1.6												m_e ML	3.1	
CLZ	3.62	279.0	Sg	10:45:47.143	0.9	T__													m_e		
UBBA	3.92	263.6	Sg	10:45:55.237	-0.3	T__													m_e ML	3.2	
TNS	5.02	259.3	Sg	10:46:33.177	2.5	T__													m_e ML	3.7	
BFO	5.91	241.6	Sg	10:47:01.026	1.9	T__													m_e ML	3.6	

Event 80928001 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID		
2008/09/28	00:02:22.10			49.3300	6.7900				1.0f										m i uk NEIC	80928041
2008/09/28	00:02:26.23	0.60	0.28	49.3417	7.1858	3.6	2.9	076	9.4	2.6	15	2	355					m i uk ZAMG	80928031	
2008/09/28	00:02:22.60	0.05	0.52	49.3354	6.7875	1.0	0.9	114	1.0f		70	25	029					m i sr LDG	80928021	
2008/09/28	00:02:22.40	1.28	0.51	49.3290	6.8580				1.7	12.9		5	318	0.93	1.36			m i ki BNS	80928011	
2008/09/28	00:02:22.51	0.20	0.80	49.3630	6.8100	2.2	2.2	053	1.0f		40	28	099	0.38	4.54			m i ki BGR	80928001	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		NEIC	80928041
ML	2.6	0.3	3 ZAMG	80928031
MD	2.9	0.2	3 LDG	80928021
ML	3.0	0.3	23 LDG	80928021
ML	2.4		BNS	80928011
ML	2.6	0.4	5 BGR	80928001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
RUP	0.38	25.4	Pg	00:02:30.309	0.7					T__	47.1				m_e	
WLF	0.52	305.5	Pg	00:02:33.151	0.8					T__	22.8				m_e ML	2.0

WLF	0.52	305.5	Sg	00:02:39.297	0.2	T__													m_e
ABH	0.71	42.4	Pg	00:02:36.058	0.3	T__	4.9												m_e
LANF	0.75	120.1	Pg	00:02:36.332	-0.4	T__	13.1												m_e
KTD	0.83	92.5	Pg	00:02:38.088	-0.1	T__	2.9												m_e
BGG	0.91	21.8	Pg	00:02:39.720	0.1	---													m_e
HILG	0.93	354.8	Pg	00:02:40.930	0.8	---													m_e
STRF	1.00	140.8	Sg	00:02:55.620	1.3	T__													m_e
ECH	1.17	168.6	Pg	00:02:43.926	-0.6	T__	21.4												m_e
KOE	1.22	28.9	Pg	00:02:45.110	-0.3	---													m_e
STB	1.23	0.9	Pg	00:02:46.130	0.4	---													m_e
STB	1.23	0.9	Sg	00:03:02.390	0.8	---								50.8	0.46				m_e
THEF	1.26	205.7	Pg	00:02:45.338	-0.8	T__	32.7												m_e
TOD	1.32	78.6	Pg	00:02:46.664	-0.7	T__	29.4												m_e
LIBD	1.32	156.4	Pg	00:02:47.591	0.2	T__	4.7												m_e
KLL	1.32	346.2	Pg	00:02:45.870	-1.6	---													m_e
MEM	1.35	337.8	Pn	00:02:47.542	-0.2	T__	3.7												m_e
MEM	1.35	337.8	Sg	00:03:05.675	0.3	T__													m_e
DREG	1.35	344.3	Pn	00:02:47.886	0.1	T__	3.4												m_e
DREG	1.35	344.3	Sg	00:03:05.389	-0.1	T__													m_e
TNS	1.36	50.3	Pn	00:02:47.048	-0.9	T__	5.4												m_e ML 2.8
TNS	1.36	50.3	Sg	00:03:05.419	-0.4	T__													m_e
BFO	1.44	135.4	Pn	00:02:47.767	-1.2	T__	2.0												m_e ML 2.3
BFO	1.44	135.4	Sg	00:03:08.012	-0.2	T__													m_e
HGN	1.51	338.4	Pn	00:02:49.776	-0.2	T__	5.7												m_e
HGN	1.51	338.4	Pg	00:02:51.764	0.8	T__	25.1												m_e
HGN	1.51	338.4	Sg	00:03:10.722	0.2	T__													m_e
MOF	1.53	171.8	Pg	00:02:51.024	-0.2	T__	15.9												m_e
FELD	1.68	151.6	Pg	00:02:53.686	-0.5	T__	13.7												m_e
SPAK	1.81	133.3	Pg	00:02:56.587	-0.1	T__	11.9												m_e
BBS	1.95	166.0	Pn	00:02:55.308	-0.6	T__	1.1												m_e
LOMF	2.01	179.7	Pg	00:03:00.139	-0.3	T__	3.4												m_e
WTSB	2.60	359.8	Sg	00:03:44.076	-1.1	T__													m_e
GRA1	2.88	81.8	Pn	00:03:09.395	0.9	T__	1.2												m_e ML 3.0
GRA1	2.88	81.8	Pg	00:03:17.708	0.9	T__	7.1												m_e
GRA1	2.88	81.8	Sg	00:03:54.357	0.3	T__													m_e
FUR	3.18	110.5	Sg	00:04:04.524	1.1	T__													m_e
MOX	3.34	65.6	Pg	00:03:24.223	-1.3	T__	3.0												m_e
MOX	3.34	65.6	Sn	00:03:54.600	2.2	---													mce
MOX	3.34	65.6	Sg	00:04:09.425	0.7	T__													m_e
WERN	3.71	73.4	Sg	00:04:19.542	-0.7	T__													m_e ML 3.0
TANN	3.79	71.7	Sg	00:04:21.746	-1.1	T__													m_e
WET	3.97	90.9	Pn	00:03:24.482	1.3	T__	7.6												m_e
WET	3.97	90.9	Sn	00:04:08.743	1.7	T__													m_e
CLL	4.40	61.4	Pg	00:03:49.000	3.5	---													m_e
CLL	4.40	61.4	Sg	00:04:45.000	2.6	---													m_e
GEC2	4.54	93.9	Pn	00:03:32.423	1.4	T__	13.9												m_e
GEC2	4.54	93.9	Sn	00:04:20.981	0.4	T__													m_e

Event 80929009 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/09/29	11:26:41.95	0.34	0.67	51.4950	16.1330	3.3	2.2	018	1.0f		52	22	219	0.66	3.90	m i ki	BGR	80929029

Magnitude Err Nsta Author OrigID
 ML 3.3 0.4 16 BGR 80929029

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.66	171.2	Pg	11:26:54.408	0.0					T__				m_e	ML 2.4
DPC	1.15	174.0	Pg	11:27:03.275	-0.4					T__	39.7			m_e	
DPC	1.15	174.0	Sg	11:27:18.818	0.3					T__				m_e	
BRG	1.51	246.5	Pn	11:27:08.848	-0.5					T__	2.1			m_e	ML 3.3
BRG	1.51	246.5	Pg	11:27:10.173	-0.2					T__	24.7			m_e	
BRG	1.51	246.5	Sg	11:27:30.046	0.2					T__				m_e	
PRU	1.81	214.4	Pn	11:27:13.747	0.3					T__	2.3			m_e	
PRU	1.81	214.4	Pg	11:27:15.874	-0.2					T__	15.1			m_e	
PRU	1.81	214.4	Sg	11:27:40.312	0.8					T__				m_e	
FBE	1.83	252.8	Pn	11:27:14.080	0.3					T__	1.1			m_e	ML 3.1
FBE	1.83	252.8	Sg	11:27:40.135	-0.0					T__				m_e	
MORC	1.94	152.0	Pn	11:27:14.883	-0.3					T__	24.3			m_e	ML 2.8
CLL	1.96	265.7	Pn	11:27:14.626	-0.9					T__	6.5			m_e	ML 3.1
CLL	1.96	265.7	Pg	11:27:18.128	-0.8					T__	24.8			m_e	
CLL	1.96	265.7	Sg	11:27:44.621	0.3					T__				m_e	
OKC	2.09	141.6	Pn	11:27:17.001	-0.3					T__	1.8			m_e	
OKC	2.09	141.6	Pg	11:27:20.976	-0.4					T__	10.2			m_e	
OKC	2.09	141.6	Sg	11:27:48.449	0.0					T__				m_e	
TANN	2.55	246.4	Pn	11:27:23.785	0.3					T__	5.0			m_e	ML 3.5
TANN	2.55	246.4	Pg	11:27:29.881	-0.2					T__	23.2			m_e	
TANN	2.55	246.4	Sg	11:28:02.787	-0.2					T__				m_e	
WERD	2.63	248.0	Pn	11:27:24.676	0.2					T__	2.5			m_e	ML 3.2
WERD	2.63	248.0	Pg	11:27:31.967	0.5					T__	22.8			m_e	
WERD	2.63	248.0	Sg	11:28:06.439	1.0					T__				m_e	
NKC	2.65	243.0	Pn	11:27:24.920	0.2					T__	3.2			m_e	
NKC	2.65	243.0	Pg	11:27:31.962	0.2					T__	14.2			m_e	
NKC	2.65	243.0	Sg	11:28:07.580	1.6					T__				m_e	
GUNZ	2.65	246.2	Pn	11:27:25.605	0.8					T__	3.1			m_e	ML 3.6
GUNZ	2.65	246.2	Pg	11:27:31.441	-0.4					T__	16.6			m_e	
GUNZ	2.65	246.2	Sg	11:28:06.482	0.4					T__				m_e	
WERN	2.66	244.5	Pn	11:27:25.858	0.9					T__	4.4			m_e	ML 3.6
WERN	2.66	244.5	Pg	11:27:31.799	-0.3					T__	21.3			m_e	
WERN	2.66	244.5	Sg	11:28:06.236	-0.2					T__				m_e	
NEUB	2.74	265.7	Pg	11:27:33.051	-0.5					T__	5.9			m_e	ML 4.0
NEUB	2.74	265.7	Sg	11:28:09.728	0.8					T__				m_e	
KHC	2.87	215.6	Pn	11:27:28.203	0.4					T__	4.6			m_e	
KHC	2.87	215.6	Pg	11:27:34.497	-1.6					T__	12.2			m_e	
KHC	2.87	215.6	Sg	11:28:12.709	-0.5					T__				m_e	
MOX	2.96	255.1	Pg	11:27:37.182	-0.6					T__	4.4			m_e	ML 3.6
MOX	2.96	255.1	Sg	11:28:16.314	0.2					T__				m_e	
GEC2	3.07	211.4	Pn	11:27:31.944	1.4					T__	3.7			m_e	ML 3.3
GEC2	3.07	211.4	Pg	11:27:39.831	-0.0					T__	7.8			m_e	
GEC2	3.07	211.4	Sg	11:28:18.593	-1.0					T__				m_e	
WET	3.14	222.7	Pn	11:27:32.070	0.6					T__	4.1			m_e	ML 3.3
WET	3.14	222.7	Sg	11:28:21.944	0.3					T__				m_e	
ASSE	3.43	282.8	Pg	11:27:46.124	-0.5					T__	3.9			m_e	
CLZ	3.59	277.8	Pn	11:27:38.236	0.7					T__	3.9			m_e	ML 3.4
CLZ	3.59	277.8	Pg	11:27:49.178	-0.4					T__	11.1			m_e	
GRA1	3.60	241.9	Pn	11:27:39.444	1.7					T__	2.6			m_e	ML 4.0

GRA1	3.60	241.9	Sg	11:28:36.734	0.4	T__											m_e	
UBBA	3.90	262.4	Pg	11:27:55.813	0.3	T__	4.6										m_e ML	3.4
UBBA	3.90	262.4	Sg	11:28:45.856	-0.1	T__											m_e	

Event 80929010 Koblenz/Middle Rhine Area

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2008/09/29	13:36:10.20			50.3720	7.4250				15.0								m i uk	NEIC	80929050
2008/09/29	13:36:11.20	0.06	0.47	50.3474	7.3878	1.2	0.9	037	3.0f		51	12	073				m i ke	LDG	80929040
2008/09/29	13:36:10.90	0.90	0.42	50.3700	7.3400	10.0	4.0	346	10.0f		18	10	235	0.51	2.44		m i ke	LED	80929030
2008/09/29	13:36:10.40	0.31	0.58	50.3310	7.4500	3.3	3.3	127	10.0f		15	9	122	0.65	2.67		m i ke	BGR	80929020
2008/09/29	13:36:11.50	0.95	0.31	50.3740	7.3850				3.0	11.8		10	113	0.17	1.02		m i ke	BNS	80929010

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		NEIC	80929050
MD	2.7	1	LDG	80929040
ML	3.0	0.3	12 LDG	80929040
ML	2.3	0.2	8 LED	80929030
ML	2.3	0.3	5 BGR	80929020
ML	2.2		BNS	80929010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BGG	0.17	190.3	Pg	13:36:15.020	0.3					T__					mde	
BGG	0.17	190.3	Sg	13:36:17.260	0.3					T__		2428.1	0.11		m_e	
KOE	0.23	76.8	Pg	13:36:16.100	0.3					T__					mci	
KOE	0.23	76.8	Sg	13:36:18.960	0.2					T__		203.3	0.37		m_i	
STB	0.41	302.6	Pg	13:36:19.980	0.7					T__					mde	
STB	0.41	302.6	Sg	13:36:25.230	0.7					T__		88.8	0.50		m_i	
HILG	0.46	259.9	Pg	13:36:20.310	0.2					T__					m_e	
HILG	0.46	259.9	Sg	13:36:26.710	0.6					T__		171.1	0.14		m_i	
ABH	0.50	168.0	P*	13:36:20.710						---					md_	
BNS	0.60	347.4	Pg	13:36:23.450	0.5					T__					m_e	
BNS	0.60	347.4	Sg	13:36:30.920	0.2					T__		283.6	0.40		m_e	
HOBG	0.61	357.0	Pg	13:36:23.350	0.3					T__					mde	
HOBG	0.61	357.0	Sg	13:36:30.800	-0.1					T__		162.7	0.57		m_e	
TNS	0.70	102.2	Pg	13:36:24.261	-0.4					---					m_e ML	2.7
TNS	0.70	102.2	S*	13:36:33.650						---					m_	
TNS	0.70	102.2	Sg	13:36:31.938	-1.7					---					m_e	
RUP	0.70	197.4	P*	13:36:24.170						---					m_	
KLL	0.74	292.2	Pg	13:36:25.470	0.1					T__					m_e	
KLL	0.74	292.2	Sg	13:36:35.410	0.5					T__		45.0	0.87		m_e	
DREG	0.79	292.0	Pg	13:36:26.670	0.3					T__					mce	
DREG	0.79	292.0	Sg	13:36:36.620	0.1					T__		87.0	0.25		m_e	
LAUG	1.02	344.3	Pg	13:36:30.530	-0.1					T__					m_e	
WLF	1.06	228.6	P	13:36:29.650						---					md_ ML	2.0
WLF	1.06	228.6	Pg	13:36:30.351	-1.2					---					m_e	
WLF	1.06	228.6	Sg	13:36:44.679	-0.6					---					m_e	
BUG	1.07	356.1	Pg	13:36:31.281	-0.4					---					m_e ML	2.4
BUG	1.07	356.1	Sg	13:36:45.970	0.5					---					m_e	
KTD	1.15	156.6	P	13:36:32.160						---					m_	
TOD	1.19	129.6	P	13:36:32.740						---					m_	

SWS	1.23	135.9	P	13:36:33.440								mc	ML	2.4
SWS	1.23	135.9	Pg	13:36:34.350	-0.3							m		
SWS	1.23	135.9	S	13:36:48.340								m		
SWS	1.23	135.9	Sg	13:36:49.420	-1.1							m		
LANF	1.42	168.8	Pg	13:36:37.180	-1.1							m		
UBBA	1.72	74.0	Pg	13:36:42.116	-1.8							m_e	ML	2.1
UBBA	1.72	74.0	Sg	13:37:03.570	-2.5							m_e		
SIND	1.76	124.8	P	13:36:40.610								m	ML	2.6
SIND	1.76	124.8	Pg	13:36:43.740	-0.9							m		
SIND	1.76	124.8	S	13:37:01.090								m		
SIND	1.76	124.8	Sg	13:37:06.130	-1.3							m		
IBBN	1.95	6.7	Sg	13:37:14.102	0.8							m_e		
GTTG	2.00	53.2	Pg	13:36:48.106	-1.1							m_e		
BFO	2.13	162.9	P	13:36:46.560								m	ML	2.1
BFO	2.13	162.9	Sg	13:37:16.257	-3.1							m_e		
ECH	2.16	184.0	Pg	13:36:50.550	-1.7							m	ML	2.0
ECH	2.16	184.0	Sg	13:37:16.050	-4.2							m		
BUCH	2.31	145.6	Sg	13:37:24.990	0.1							m	ML	2.5
THEF	2.33	203.4	Pg	13:36:52.750	-2.7							m		
CLZ	2.38	50.8	Pg	13:36:54.765	-1.6							m_e		
KIZ	2.44	171.6	P	13:36:50.060								m	ML	2.4
MOX	2.70	82.6	Pn	13:36:52.436	-2.4							m_e		
MOX	2.70	82.6	Pg	13:37:00.037	-2.4							m_e		
MOX	2.70	82.6	Sg	13:37:35.367	-2.0							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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