

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 11202001 Recklinghausen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/02	10:57:03.10	0.16	0.69	51.7652	7.0431	2.7	2.4	117	2.0f		25	12	123			m i si	LDG	11202041
2011/12/02	10:57:02.80	1.01	0.31	51.7780	7.0710				1.4	6.8		9	314	0.36	1.58	m i ki	BNS	11202031
2011/12/02	10:57:02.20	0.36	0.21	51.7810	7.0720				1.0f			12	267			m i ki	GDNRW	11202021
2011/12/02	10:57:03.83	0.41	1.20	51.7310	7.0740	6.7	4.4	149	1.0f		15	10	122	0.17	2.04	m i ki	BGR	11202011
2011/12/02	10:57:03.00			51.7290	7.0930				1.0f							m i ki	BUG	11202001

Magnitude	Err	Nsta	Author	OrigID
MD	3.3	0.4	2 LDG	11202041
ML	4.1	0.3	13 LDG	11202041
ML	2.9		BNS	11202031
ML	2.9		GDNRW	11202021
ML	3.4	0.2	6 BGR	11202011
ML	3.7		BUG	11202001

Effects	Loctyp	Location	Intensity	Scale	Author
	Summar		4.0	EMS	GDNRW

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ZERL	0.18	232.1	Pg	10:57:07.529	1.2									m_e	
WTSB	0.30	322.7	Pg	10:57:08.742	0.1									m_e	ML 3.4
BTEZ	0.30	157.5	Pg	10:57:09.226	0.5									m_e	
BUG	0.31	159.1	Pg	10:57:09.900	1.1					TA_				m_e	ML 3.7
BUG	0.31	159.1	Sg	10:57:15.700	2.9					TA_				m_	
HES	0.36	185.0	Pg	10:57:10.360	0.5									m_e	
LAUG	0.39	193.8	Pg	10:57:11.035	0.7									m_e	
LAUG	0.39	193.8	Sg	10:57:17.168	1.8									m_e	
HMES	0.40	100.0	Pg	10:57:13.670	3.2									m_e	
ENTS	0.53	157.8	Pg	10:57:13.899	1.0									m_e	
ENTS	0.53	157.8	Sg	10:57:21.953	2.2									m_e	
SORT	0.67	124.4	Pg	10:57:16.302	0.8									m_e	
SORT	0.67	124.4	Sg	10:57:25.585	1.5									m_e	
IBBN	0.71	35.1	Sg	10:57:26.185	0.7									m_e	
PLH	0.74	193.4	Pg	10:57:17.332	0.3									m_e	
PLH	0.74	193.4	Sg	10:57:28.458	1.8							899.2	0.24	m_e	
HOBG	0.76	168.5	Sg	10:57:30.299	3.1							264.6	0.70	m_e	
BNS	0.77	176.1	Pg	10:57:18.562	1.1									m_e	
BNS	0.77	176.1	Sg	10:57:30.234	2.9							430.7	0.47	m_e	
RWB	0.86	223.4	Sg	10:57:31.683	1.4									m_e	
WBS	0.93	172.6	Pg	10:57:21.285	0.7									m_e	
WBS	0.93	172.6	Sg	10:57:34.640	2.1							189.1	0.28	m_e	
GSH	1.09	204.5	Pg	10:57:24.249	0.7									m_e	
GSH	1.09	204.5	Sg	10:57:38.961	1.4							183.0	0.30	m_e	
STB	1.15	188.1	Pg	10:57:24.987	0.4									m_e	
STB	1.15	188.1	Sg	10:57:41.496	2.1							528.1	0.50	m_e	
TDN	1.16	184.7	Pg	10:57:25.290	0.5									m_e	
TDN	1.16	184.7	Sg	10:57:41.268	1.5							527.0	0.29	m_e	
KLL	1.19	204.7	Pg	10:57:25.915	0.5									m_e	
KLL	1.19	204.7	Sg	10:57:41.635	0.9							117.3	0.61	m_e	

AHRW	1.19	180.5	Pg	10:57:26.564	1.2	---	---	---	---	---	---	---	---	---	m_e	ML	3.8
AHRW	1.19	180.5	Sg	10:57:43.805	3.1	---	---	---	---	---	---	---	---	---	m_e		
DREG	1.19	207.2	Pg	10:57:26.080	0.6	---	---	---	---	---	---	---	---	---	m_e		
DREG	1.19	207.2	Sg	10:57:42.067	1.1	---	---	---	---	---	---	177.6	0.36	---	m_e		
HGN	1.21	217.4	Pg	10:57:25.481	-0.3	---	---	---	---	---	---	---	---	---	m_e	ML	3.3
HGN	1.21	217.4	Sg	10:57:42.542	1.2	---	---	---	---	---	---	---	---	---	m_e		
OLFT	1.31	199.1	Pg	10:57:27.570	-0.0	---	---	---	---	---	---	---	---	---	m_e		
MEM	1.31	211.7	Pg	10:57:27.590	-0.1	---	---	---	---	---	---	---	---	---	m_e		
MEM	1.31	211.7	Sg	10:57:46.430	1.8	---	---	---	---	---	---	---	---	---	m_e		
KOE	1.36	162.6	Pg	10:57:27.703	-1.0	---	---	---	---	---	---	---	---	---	m_e		
KOE	1.36	162.6	Sg	10:57:46.839	0.5	---	---	---	---	---	---	368.0	0.61	---	m_e		
BHE	1.38	177.7	Pg	10:57:28.936	-0.0	---	---	---	---	---	---	---	---	---	m_e		
BHE	1.38	177.7	Sg	10:57:47.346	0.6	---	---	---	---	---	---	134.4	0.28	---	m_e		
HILG	1.46	190.4	Sg	10:57:49.007	-0.4	---	---	---	---	---	---	---	---	---	m_e		
BGG	1.53	174.1	Sg	10:57:52.028	0.4	---	---	---	---	---	---	---	---	---	m_e		
LOH	1.59	193.0	Sg	10:57:52.071	-1.3	---	---	---	---	---	---	123.8	0.37	---	m_e		
TNS	1.73	150.0	Pg	10:57:35.543	-0.1	---	---	---	---	---	---	---	---	---	m_e	ML	3.5
TNS	1.73	150.0	Sg	10:57:56.697	-1.3	---	---	---	---	---	---	---	---	---	m_e		
CLZ	2.03	85.5	Pg	10:57:42.063	0.8	---	---	---	---	---	---	---	---	---	m_e	ML	3.4
CLZ	2.03	85.5	Sg	10:58:09.940	2.4	---	---	---	---	---	---	---	---	---	m_e		

Event 11205009 Epinal/F, Remiremont, Western Vosges Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2011/12/05	16:00:28.10	0.04	0.56	48.0679	6.5623	0.8	0.7	155	15.0	0.0	49	20	039				m i ke	LDG	11205019
2011/12/05	16:00:28.82	1.26	0.48	48.0370	6.5640	11.1	6.7	090	10.0f		10	6	293	0.44	1.69		m i ke	BGR	11205009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.4	0.3	4 LDG	11205019
ML	2.4	0.3	17 LDG	11205019
ML	2.0	0.4	5 BGR	11205009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
ECH	0.44	65.5	Pg	16:00:36.929	-0.3					T_				m_e	ML	1.3
ECH	0.44	65.5	Sg	16:00:42.857	-0.1					T_				m_e		
BALST	1.03	132.2	Pg	16:00:47.864	-0.5					T_				m_e	ML	2.0
BALST	1.03	132.2	Sg	16:01:01.940	0.1					T_				m_e		
SULZ	1.16	115.5	Sg	16:01:05.798	0.1					T_				m_e	ML	1.9
BFO	1.21	75.4	Pg	16:00:52.973	1.2					T_				m_e		
BFO	1.21	75.4	Sg	16:01:07.236	-0.2					T_				m_e		
SLE	1.32	101.1	Pg	16:00:53.688	-0.1					T_				m_e	ML	2.2
SLE	1.32	101.1	Sg	16:01:10.685	-0.2					T_				m_e		
WILA	1.69	110.7	Sg	16:01:23.372	0.6					T_				m_e	ML	2.4

Event 11205007 Euskirchen, SW of Bonn

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2011/12/05	18:06:00.30	0.06	0.69	50.7530	6.7118	1.1	1.1	090	10.0f		48	14	047				m i ke	LDG	11205047
2011/12/05	18:06:00.30	0.30	0.24	50.7800	6.7000	4.0	2.0	007	10.0f		26	11	206	0.34	2.67		m i ke	LED	11205037

2011/12/05 18:05:59.52	0.33	1.20	50.7730	6.7430	5.6	4.4	157	10.0f		11	7	117	0.31	2.51	m i ke BGR	11205027
2011/12/05 18:05:59.70	0.83	0.21	50.7780	6.7140				13.9	2.7		10	107			m i ke GDNRW	11205017
2011/12/05 18:06:00.20	1.12	0.21	50.7890	6.6920				8.7	10.1		10	130	0.13	0.75	m i ke BNS	11205007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.7	1	LDG	11205047
ML	2.7	0.3	14 LDG	11205047
ML	1.9	0.2	13 LED	11205037
ML	2.0	0.3	5 BGR	11205027
ML	1.8		GDNRW	11205017
ML	1.8		BNS	11205007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BA05	0.13	352.1	Pg	18:06:03.813	0.8					T__					mce
BD04	0.14	335.0	Pg	18:06:04.522	1.3					T__					mce
BD07	0.15	355.8	Pg	18:06:04.001	0.5					T__					mce
BD01	0.17	348.2	Pg	18:06:05.121	1.3					T__					mce
GSH	0.20	255.0	Pg	18:06:04.734	0.4					---					m_i
GSH	0.20	255.0	Sg	18:06:07.815	0.7					---		248.9	0.13		m_e
STB	0.22	154.3	Pg	18:06:04.605	0.1					T__					mdi
STB	0.22	154.3	Sg	18:06:07.508	-0.0					T__		87.4	0.54		m_e
BD03	0.22	337.3	Pg	18:06:05.883	1.3					T__					mde
PLH	0.23	20.5	Pg	18:06:05.174	0.4					---					m_i
PLH	0.23	20.5	Sg	18:06:08.730	0.8					---		285.8	0.11		m_e
TDN	0.27	143.1	Pg	18:06:05.266	-0.2					---					m_e
TDN	0.27	143.1	Sg	18:06:08.829	-0.2					---		63.8	0.15		m_e
KLL	0.28	239.6	Pg	18:06:05.805	0.1					T__					mce
DREG	0.32	246.7	Pg	18:06:06.454	0.1					T__					mce
DREG	0.32	246.7	Sg	18:06:10.700	0.1					T__		104.4	0.56		m_e
OLFT	0.34	210.4	Pg	18:06:06.603	-0.2					---					m_i
OLFT	0.34	210.4	Sg	18:06:11.559	0.2					---					m_e
AHRW	0.35	135.4	Pg	18:06:07.403	0.5					T__					mce ML 1.5
AHRW	0.35	135.4	Sg	18:06:12.003	0.5					---					m_e
BNS	0.35	60.0	Pg	18:06:06.966	-0.0					T__					mce
WBS	0.37	87.2	Pg	18:06:07.262	-0.1					---					m_e
WBS	0.37	87.2	Sg	18:06:11.842	-0.5					---		107.1	0.11		m_e
ACN	0.38	268.1	Pg	18:06:07.872	0.3					---					m_e
ACN	0.38	268.1	Sg	18:06:13.129	0.5					---					m_e
HOBG	0.45	64.1	Pg	18:06:08.674	-0.1					T__					mce
MEM	0.47	247.8	P*	18:06:09.050						---					mc_
MEM	0.47	247.8	S*	18:06:15.420						---					m_
HGN	0.48	267.3	Pg	18:06:09.553	0.2					---					m_e ML 2.2
HGN	0.48	267.3	Sg	18:06:16.284	0.6					---					m_e
HILG	0.50	181.0	Pg	18:06:09.602	-0.1					T__					mce
BHE	0.53	144.4	Pg	18:06:10.308	-0.1					---					m_e
BHE	0.53	144.4	Sg	18:06:17.232	-0.1					---		31.9	0.13		m_e
LAUG	0.58	15.6	Pg	18:06:11.250	-0.1					T__					mde
BLI	0.61	204.9	P*	18:06:11.200						---					md_ ML 1.8
BLI	0.61	204.9	S*	18:06:21.580						---					m_
LOH	0.61	189.4	Pg	18:06:11.696	-0.2					---					m_e
LOH	0.61	189.4	Sg	18:06:19.726	-0.2					---		49.9	0.09		m_e
ENTS	0.64	44.7	Pg	18:06:11.632	-0.7					---					m_e
ENTS	0.64	44.7	Sg	18:06:20.426	-0.2					---					m_e

BGG	0.71	144.6	Pg	18:06:13.363	-0.4	T__	mce												
BIW	0.73	94.1	P*	18:06:13.440		---	m__	ML	2.3										
BIW	0.73	94.1	S*	18:06:24.140		---	m__												
BUG	0.75	28.9	Pg	18:06:14.455	0.1	---	m_e	ML	2.1										
BUG	0.75	28.9	Sg	18:06:25.258	1.2	---	m_e												
KOE	0.75	118.5	Pg	18:06:14.154	-0.3	T__	mde												
FSH	0.76	159.4	P*	18:06:14.210		---	m__	ML	2.0										
FSH	0.76	159.4	PmP	18:06:15.280	-1.7	---	m__												
FSH	0.76	159.4	S*	18:06:23.900		---	m__												
FACH	0.93	117.1	P*	18:06:17.280		---	m__	ML	1.8										
FACH	0.93	117.1	S*	18:06:30.220		---	m__												
FACH	0.93	117.1	SmS	18:06:31.520	-1.7	---	m__												
ABH	1.06	148.6	Pg	18:06:19.690	-0.5	---	m__	ML	1.9										
ABH	1.06	148.6	PmP	18:06:20.870	-1.1	---	m__												
ABH	1.06	148.6	S*	18:06:32.730		---	m__												
WBC	1.08	110.9	S*	18:06:33.560		---	m__	ML	1.6										
RIVT	1.08	177.5	P*	18:06:19.340		---	mc	ML	2.1										
RIVT	1.08	177.5	PmP	18:06:20.580	-1.8	---	m__												
RIVT	1.08	177.5	S*	18:06:33.260		---	m__												
RIVT	1.08	177.5	SmS	18:06:36.190	-1.4	---	m__												
RUP	1.11	167.7	P*	18:06:20.200		---	m__												
RUP	1.11	167.7	S*	18:06:34.480		---	m__												
WLF	1.18	197.3	P*	18:06:21.170		---	m__	ML	2.2										
WLF	1.18	197.3	Pg	18:06:21.776	-0.6	---	m_e												
WLF	1.18	197.3	Sg	18:06:35.903	-1.7	---	m_e												
TNS	1.25	116.2	P	18:06:21.860		---	m__	ML	1.9										
TNS	1.25	116.2	Pg	18:06:23.410	-0.4	---	m__												
TNS	1.25	116.2	Sg	18:06:38.704	-1.3	---	m_e												
IMS	1.42	146.6	Sg	18:06:45.020	-0.5	---	m__	ML	1.9										
UBBA	2.09	87.9	Sg	18:07:03.680	-3.0	---	m_e												
CLZ	2.53	64.0	Sg	18:07:17.478	-3.1	---	m_e												
ECH	2.59	173.1	Sg	18:07:21.080	-1.5	---	m__	ML	2.1										
BFO	2.68	156.0	S	18:07:11.760		---	m__	ML	1.9										

Event 11206005 Duisburg, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/06	16:32:06.10	0.25	0.01	51.6080	6.9720				1.0f			3	329			m i ki	GDRNW	11206025
2011/12/06	16:32:08.46	0.34	0.74	51.5960	6.8490	5.6	3.3	105	1.0f	10	6	140	0.30	1.12	m i ki	BGR	11206015	
2011/12/06	16:32:06.70			51.5550	6.8820				1.0f						m i ki	BUG	11206005	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.7		GDRNW	11206025
ML	2.2	0.2	5 BGR	11206015
ML	2.3		BUG	11206005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HES	0.21	152.0	Pg	16:32:11.300	0.6					---				m_e	
HES	0.21	152.0	Sg	16:32:14.930	1.5					---				m_e	
BUG	0.27	115.2	Pg	16:32:12.800	1.1					TA_				m_e	ML 2.3
BUG	0.27	115.2	Sg	16:32:17.300	2.1					TA_				m__	

WTSB	0.41	352.9	Pg	16:32:14.973	0.5	---	m_e	ML	2.1
WTSB	0.41	352.9	Sg	16:32:20.573	0.7	---	m_e		
WBS	0.79	161.3	Pg	16:32:22.105	0.5	---	m_e		
WBS	0.79	161.3	Sg	16:32:33.413	1.6	---	20.8	0.19	m_e
IBBN	0.93	35.4	Sg	16:32:38.034	1.9	---	m_e	ML	2.4
HGN	0.99	217.4	Pg	16:32:26.675	1.3	---	m_e	ML	2.4
HGN	0.99	217.4	Sg	16:32:41.494	3.3	---	m_e		
AHRW	1.02	173.1	Pg	16:32:28.723	2.8	---	m_e	ML	2.1
AHRW	1.02	173.1	Sg	16:32:43.631	4.5	---	m_e		
MEM	1.09	210.5	Sg	16:32:43.391	1.9	---	m_e		
OLFT	1.10	195.5	Pg	16:32:28.557	1.1	---	m_e		
OLFT	1.10	195.5	Sg	16:32:44.192	2.5	---	m_e		

Event 11208002 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2011/12/08	04:43:42.40	0.09	0.86	51.4803	6.5916	2.1	1.4	124	1.0f		52	18	131			m i sr	LDG	11208042	
2011/12/08	04:43:42.40	0.92	0.31	51.4640	6.6030				1.0f				7	281	0.24	1.17	m i ki	BNS	11208032
2011/12/08	04:43:40.30	0.28	0.11	51.5000	6.5750				1.0f				9	261			m i ki	GDNRW	11208022
2011/12/08	04:43:42.78	0.36	0.55	51.5040	6.5590	5.6	2.2	115	1.0f	13	8	170	0.45	1.86		m i ki	BGR	11208012	
2011/12/08	04:43:40.20			51.4750	6.4980				1.0f							m i ki	BUG	11208002	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.8	0.2	2 LDG	11208042
ML	2.7	0.4	14 LDG	11208042
ML	2.0		BNS	11208032
ML	2.0		GDNRW	11208022
ML	2.4	0.3	6 BGR	11208012
ML	2.5		BUG	11208002

Effects	Loctyp	Location	Intensity	Scale	Author
	Summar		4.0	EMS	GDNRW

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LAUG	0.30	113.9	Pg	04:43:46.853	0.9					---				m_e	
HES	0.36	107.4	Pg	04:43:46.920	0.0					---				m_e	
RWB	0.43	210.0	Sg	04:43:56.651	2.8					---		154.7	0.22	m_e	
BUG	0.48	93.8	Pg	04:43:50.200	0.9					TA_				m_e	ML 2.5
BUG	0.48	93.8	Sg	04:43:56.900	1.4					TA_				m_	
PLH	0.51	156.7	Pg	04:43:50.665	0.8					---				m_e	
PLH	0.51	156.7	Sg	04:43:57.843	1.4					---		362.1	0.28	m_e	
WTSB	0.53	20.7	Pg	04:43:51.859	1.8					---				m_e	ML 2.3
WTSB	0.53	20.7	Sg	04:43:58.491	1.6					---				m_e	
ENTS	0.62	111.9	Pg	04:43:52.120	0.3					---				m_e	
ENTS	0.62	111.9	Sg	04:44:00.069	0.3					---				m_e	
BNS	0.66	140.0	Pg	04:43:54.628	1.9					---				m_e	
HOBG	0.72	132.9	Pg	04:43:55.283	1.6					---				m_e	
GSH	0.74	185.8	Pg	04:43:55.267	1.1					---				m_e	
GSH	0.74	185.8	Sg	04:44:06.310	2.5					---		80.8	0.13	m_e	
HGN	0.79	206.8	Pg	04:43:58.015	2.8					---				m_e	ML 2.9
HGN	0.79	206.8	Sg	04:44:09.617	4.2					---				m_e	

WBB	0.65	124.4	P*	22:39:41.250									m__	ML	1.6
RUP	0.71	224.4	P*	22:39:41.390									T__	m__	
RUP	0.71	224.4	PmP	22:39:42.380	-1.2								T__	m__	
HILG	0.74	276.5	Pg	22:39:41.269	-0.2									m_e	
HILG	0.74	276.5	Sg	22:39:51.299	0.2									m_e	
HOBG	0.83	337.9	Pg	22:39:43.264	0.0									m_e	
RIVT	0.85	234.0	P*	22:39:42.210									T__	md__	ML 1.7
TOD	0.87	133.7	P*	22:39:44.690										m__	
SWS	0.92	142.1	S*	22:39:57.150										m__	ML 1.7
SWS	0.92	142.1	SmS	22:39:58.460	-1.8									m__	
WBG	0.97	91.9	P*	22:39:45.880									T__	m__	ML 1.9
WBG	0.97	91.9	S*	22:39:57.440									T__	m__	
BLI	0.99	271.7	P*	22:39:45.620									T__	m__	ML 1.8
BLI	0.99	271.7	PmP	22:39:46.830	-1.2								T__	m__	
BLI	0.99	271.7	SmS	22:39:59.700	-2.5									m__	
LDAU	1.05	169.3	Sg	22:40:01.438	0.5									m_e	
PEB	1.15	183.7	P	22:39:48.190										m__	ML 2.1
PEB	1.15	183.7	Pg	22:39:49.020	-0.2								T__	m__	
PEB	1.15	183.7	Sg	22:40:03.570	-0.5								T__	m__	
WLF	1.21	243.7	Pg	22:39:48.960	-1.4									m__	ML 1.5
WLF	1.21	243.7	Sg	22:40:05.099	-0.9									m_e	
MEM	1.23	289.5	Sg	22:40:05.565	-1.0									m_e	
LANF	1.23	180.8	Sg	22:40:06.730	-0.0									m__	
BUG	1.28	344.1	Pg	22:39:51.535	-0.1									m_e	
BUG	1.28	344.1	Sg	22:40:07.535	-0.6									m_e	
SIND	1.44	126.4	Sg	22:40:13.490	0.3									m__	ML 1.8
OPP	1.73	172.2	Sg	22:40:22.210	-0.4									m__	ML 1.6
BFO	1.91	170.0	Sg	22:40:27.790	-0.5									m__	ML 1.8
ECH	2.05	192.6	Sg	22:40:30.576	-1.9									m_e	

Event 11209007 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/09	17:55:01.53	0.41	0.71	50.3550	18.7940	10.0	4.4	004	1.0f		9	5	174	0.66	1.66	m i ki	BGR	11209007

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.4	5 BGR	11209007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OJC	0.66	101.5	Pg	17:55:14.160	0.3					T__				m_e	ML 3.0
OJC	0.66	101.5	Sg	17:55:23.579	1.2					T__				m_e	
OKC	0.66	219.0	Pg	17:55:14.888	0.9					T__				m_e	ML 2.2
MORC	0.99	234.7	Pn	17:55:20.524	-1.4					T__				m_e	ML 3.4
MORC	0.99	234.7	Sg	17:55:34.528	1.5					T__				m_e	
DPC	1.58	270.8	Pn	17:55:30.358	0.5					T__				m_e	ML 3.3
DPC	1.58	270.8	Sg	17:55:51.420	-0.2					T__				m_e	
KSP	1.66	288.1	Pn	17:55:31.079	0.1					T__				m_e	ML 2.9
KSP	1.66	288.1	Sg	17:55:54.861	0.6					T__				m_e	

Event 11210004 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/10	23:33:27.00			45.7900	10.8100				3.1							m i uk	SED	11210014
2011/12/10	23:33:27.95	0.82	1.13	45.5000	10.7210	15.6	12.2	038	10.0f		16	13	263	1.87	5.18	m i ke	BGR	11210004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0		SED	11210014
ML	3.2	0.2	5 BGR	11210004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	1.87	19.4	Pn	23:33:58.535	-0.7					T__				m_e	
DAVA	1.88	342.3	Pn	23:33:58.801	-0.5					T__				m_e ML	3.2
OBER	1.93	351.4	Pn	23:34:01.316	1.3					T__				m_e ML	3.0
OBER	1.93	351.4	Sn	23:34:24.831	1.9					T__				m_e	
KBA	2.40	48.0	Pn	23:34:07.226	0.8					T__				m_e ML	3.0
OBKA	2.84	67.8	Pn	23:34:13.558	1.2					T__				m_e ML	3.4
BFO	3.27	330.9	Pn	23:34:18.799	0.7					T__				m_e	
MOA	3.38	44.7	Pn	23:34:20.400	0.7					T__				m_e	
GEC2	3.91	30.1	Pn	23:34:25.869	-1.0					T__				m_e ML	3.3
GEC2	3.91	30.1	Sn	23:35:09.757	0.3					T__				m_e	
WET	3.93	21.1	Pn	23:34:25.931	-1.1					T__				m_e	
GRA1	4.21	4.4	Pn	23:34:29.304	-1.6					T__				m_e	
ROTZ	4.38	12.7	Pn	23:34:31.219	-2.0					T__				m_e	
MANZ	4.58	11.2	Pn	23:34:34.160	-1.8					T__				m_e	
MANZ	4.58	11.2	Sn	23:35:24.191	-1.1					T__				m_e	
MOX	5.18	6.3	Sn	23:35:38.279	-1.0					T__				m_e	

Event 11211006 Innsbruck, Hall/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/11	17:13:53.00	0.12	0.84	47.3801	11.5751	3.5	2.5	177	2.0	0.0	41	18	062			m i ke	LDG	11211026
2011/12/11	17:13:50.70	0.13	0.45	47.2950	11.4552	1.4	0.8	007	7.9	1.7	45	11	026			m i fe	ZAMG	11211016
2011/12/11	17:13:52.67	0.40	1.13	47.3090	11.5190	7.8	6.7	042	10.0f		15	13	150	0.09	3.55	m i ke	BGR	11211006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.2	7 LDG	11211026
ML	2.4	0.3	16 ZAMG	11211016
ML	2.5	0.2	5 BGR	11211006

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

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.09	119.6	Pg	17:13:54.298	-0.8					T__				m_e	
WTTA	0.09	119.6	Sg	17:13:56.325	-0.4					T__				m_e	
FUR	0.87	349.2	Pn	17:14:09.304	-1.0					T__				m_e ML	2.7
RJOB	0.96	63.1	Pn	17:14:11.243	-0.4					T__				m_e ML	2.3
DAVA	1.11	269.5	Pn	17:14:14.296	0.7					T__				m_e ML	2.7
KBA	1.26	99.9	Pn	17:14:15.788	0.1					T__				m_e ML	2.1
MOA	1.93	72.7	Pn	17:14:27.286	2.6					T__				m_e	

MOA	1.93	72.7	Sg	17:14:54.720	0.7	T__	m_e												
WET	2.05	25.8	Pn	17:14:26.659	0.4	T__	m_e												
GEC2	2.12	42.7	Sg	17:14:59.809	-0.2	T__	m_e	ML	2.6										
GRA1	2.39	355.4	Sg	17:15:07.292	-1.4	T__	m_e												
ROTZ	2.50	10.2	Pn	17:14:31.411	-1.0	T__	m_e												
MANZ	2.71	8.1	Pn	17:14:34.023	-1.2	T__	m_e												
MOX	3.34	1.1	Sn	17:15:22.022	1.3	T__	m_e												
TNS	3.55	326.3	Pn	17:14:47.413	0.8	T__	m_e												

Event 11213005 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/13	17:01:50.71	0.52	0.76	51.2481	16.0016	5.5	3.6	156	0.0	0.0	36	14	033			m i sr	ZAMG	11213015
2011/12/13	17:01:47.65	0.34	0.76	51.5220	16.1000	4.4	2.2	013	1.0f		40	16	201	0.69	3.60	m i ki	BGR	11213005
#PRIME)																		

Magnitude Err Nsta Author

ML	3.0	0.4	15	ZAMG	11213015
ML	3.5	0.3	16	BGR	11213005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.69	169.8	Pg	17:02:00.705	0.1					T__				m_e	ML 2.9
KSP	0.69	169.8	Sg	17:02:10.400	0.8					T__				m_e	
DPC	1.18	173.1	Pg	17:02:09.572	-0.3					T__				m_e	ML 3.7
DPC	1.18	173.1	Sg	17:02:25.778	0.6					T__				m_e	
BRG	1.50	245.2	Pn	17:02:14.000	-0.9					T__				m_e	ML 3.4
BRG	1.50	245.2	Pg	17:02:15.878	-0.0					T__				m_e	
BRG	1.50	245.2	Sg	17:02:36.071	0.8					T__				m_e	
FBE	1.82	251.8	Pn	17:02:18.724	-0.6					T__				m_e	ML 3.1
FBE	1.82	251.8	Pg	17:02:21.614	-0.4					T__				m_e	
FBE	1.82	251.8	Sg	17:02:45.257	-0.3					T__				m_e	
CLL	1.94	264.9	Pn	17:02:19.954	-1.0					T__				m_e	ML 3.3
CLL	1.94	264.9	Sg	17:02:49.051	-0.3					T__				m_e	
MORC	1.97	151.8	Pn	17:02:21.278	-0.0					T__				m_e	ML 3.8
MORC	1.97	151.8	Sg	17:02:49.192	-1.1					T__				m_e	
OKC	2.13	141.6	Pn	17:02:23.480	0.1					T__				m_e	ML 3.2
OKC	2.13	141.6	Pg	17:02:27.707	-0.0					T__				m_e	
OKC	2.13	141.6	Sg	17:02:55.597	0.4					T__				m_e	
WERD	2.62	247.3	Pn	17:02:30.078	-0.0					T__				m_e	ML 3.4
WERD	2.62	247.3	Pg	17:02:36.469	-0.5					T__				m_e	
WERD	2.62	247.3	Sg	17:03:10.766	-0.1					T__				m_e	
OJC	2.67	117.7	Pn	17:02:29.744	-1.1					T__				m_e	ML 3.7
OJC	2.67	117.7	Pg	17:02:37.524	-0.5					T__				m_e	
OJC	2.67	117.7	Sg	17:03:13.875	1.3					T__				m_e	
MOX	2.95	254.5	Pn	17:02:34.401	-0.2					T__				m_e	ML 3.9
MOX	2.95	254.5	Pg	17:02:42.610	-0.6					T__				m_e	
MOX	2.95	254.5	Sg	17:03:22.815	1.4					T__				m_e	
MANZ	2.96	240.3	Pn	17:02:35.057	0.4					T__				m_e	ML 3.7
MANZ	2.96	240.3	Pg	17:02:43.580	0.2					T__				m_e	
MANZ	2.96	240.3	Sg	17:03:22.915	1.4					T__				m_e	
ROTZ	3.03	236.1	Pn	17:02:36.013	0.4					T__				m_e	ML 3.5
ROTZ	3.03	236.1	Sg	17:03:24.549	0.7					T__				m_e	

GEC2	3.09	210.8	Pn	17:02:36.875	0.4	T__	m_e	ML	3.6
GEC2	3.09	210.8	Pg	17:02:45.154	-0.7	T__	m_e		
GEC2	3.09	210.8	Sg	17:03:24.380	-1.3	T__	m_e		
WET	3.14	222.1	Pn	17:02:37.925	0.7	T__	m_e	ML	3.6
WET	3.14	222.1	Sg	17:03:26.890	-0.6	T__	m_e		
CLZ	3.56	277.4	Pn	17:02:43.611	0.7	T__	m_e	ML	3.7
GRA1	3.60	241.3	Pn	17:02:44.136	0.8	T__	m_e	ML	4.2
GRA1	3.60	241.3	Pg	17:02:57.636	2.2	T__	m_e		
GRA1	3.60	241.3	Sg	17:03:41.528	-0.3	T__	m_e		

Event 11214007 Eastern Tennengau/A, Hoher Dachstein

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/14	12:37:22.50	0.09	0.82	47.4261	13.4413	2.0	1.6	031	10.0f		101	21	043			m i ke	LDG	11214027
2011/12/14	12:37:21.70	0.20	0.76	47.4119	13.4231	2.1	1.5	016	5.6	0.0	51	14	029			m i fe	ZAMG	11214017
2011/12/14	12:37:22.83	0.22	0.93	47.4580	13.4280	3.3	2.2	102	10.0f		55	24	074	0.38	4.29	m i ke	BGR	11214007

(#PRIME)
(First of two events, 16 seconds apart.)

Magnitude	Err	Nsta	Author	OrigID
ML	3.6	0.2	18 LDG	11214027
ML	3.7	0.3	18 ZAMG	11214017
ML	3.7	0.3	18 BGR	11214007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
KBA	0.38	188.5	Pg	12:37:29.224	-1.0					T__				m_e	ML	3.4
KBA	0.38	188.5	Sg	12:37:34.791	-0.6					T__				m_e		
RJOB	0.51	303.5	Pg	12:37:32.124	-0.5					T__				m_e	ML	3.3
RJOB	0.51	303.5	Sg	12:37:40.280	1.0					T__				m_e		
MOA	0.69	54.9	Pg	12:37:35.768	-0.1					T__				m_e	ML	3.0
MOA	0.69	54.9	Sg	12:37:46.323	1.5					T__				m_e		
OBKA	1.22	140.7	Pg	12:37:44.603	-1.3					T__				m_e		
WTTA	1.23	261.6	Pg	12:37:44.962	-1.1					T__				m_e		
GEC2	1.40	7.4	Pn	12:37:48.281	0.6					T__				m_e		
GEC2	1.40	7.4	Pg	12:37:48.973	-0.3					T__				m_e		
ARSA	1.43	97.5	Pg	12:37:49.385	-0.5					T__				m_e		
FUR	1.61	296.8	Pg	12:37:53.327	0.1					T__				m_e	ML	3.9
FUR	1.61	296.8	Sg	12:38:14.291	0.3					T__				m_e		
WET	1.73	348.0	Pn	12:37:52.508	0.4					T__				m_e	ML	3.5
WET	1.73	348.0	Sg	12:38:17.821	0.1					T__				m_e		
OBER	2.12	269.8	Pg	12:38:02.542	-0.3					T__				m_e	ML	3.7
OBER	2.12	269.8	Sg	12:38:31.058	0.8					T__				m_e		
DAVA	2.41	267.2	Pg	12:38:06.883	-1.4					T__				m_e	ML	4.0
DAVA	2.41	267.2	Sg	12:38:39.668	0.3					T__				m_e		
ROTZ	2.45	341.2	Pn	12:38:01.842	-0.0					T__				m_e	ML	3.5
ROTZ	2.45	341.2	Pg	12:38:08.584	-0.4					T__				m_e		
ROTZ	2.45	341.2	Sg	12:38:40.083	-0.5					T__				m_e		
GRA1	2.67	327.7	Pg	12:38:13.222	0.1					T__				m_e	ML	3.9
GRA1	2.67	327.7	Sg	12:38:47.087	-0.6					T__				m_e		
MANZ	2.67	341.5	Pn	12:38:04.974	0.0					T__				m_e	ML	3.7
MANZ	2.67	341.5	Pg	12:38:13.370	0.1					T__				m_e		
MANZ	2.67	341.5	Sg	12:38:47.862	0.0					T__				m_e		

NKC	2.85	347.3	Pn	12:38:08.253	0.9	T__	m_e	ML	4.1
NKC	2.85	347.3	Pg	12:38:17.657	1.1	T__	m_e		
NKC	2.85	347.3	Sg	12:38:54.125	0.7	T__	m_e		
ROHR	2.87	345.7	Pn	12:38:08.225	0.6	T__	m_e	ML	3.4
ROHR	2.87	345.7	Pg	12:38:16.088	-0.9	T__	m_e		
ROHR	2.87	345.7	Sg	12:38:53.079	-1.0	T__	m_e		
WERN	2.91	346.7	Pn	12:38:08.559	0.3	T__	m_e	ML	3.7
WERN	2.91	346.7	Pg	12:38:17.686	-0.1	T__	m_e		
WERN	2.91	346.7	Sg	12:38:56.112	0.7	T__	m_e		
GUNZ	2.99	346.5	Pn	12:38:10.305	1.0	T__	m_e	ML	3.8
GUNZ	2.99	346.5	Pg	12:38:19.240	-0.0	T__	m_e		
GUNZ	2.99	346.5	Sg	12:38:58.088	0.1	T__	m_e		
WERD	3.08	346.6	Pn	12:38:11.034	0.6	T__	m_e	ML	3.8
WERD	3.08	346.6	Pg	12:38:20.694	-0.2	T__	m_e		
WERD	3.08	346.6	Sg	12:38:59.817	-0.9	T__	m_e		
MOX	3.40	340.2	Pn	12:38:15.552	0.7	T__	m_e	ML	3.9
MOX	3.40	340.2	Sg	12:39:09.531	-1.4	T__	m_e		
BRG	3.43	5.4	Pn	12:38:15.346	0.1	T__	m_e	ML	3.8
BRG	3.43	5.4	Pg	12:38:26.559	-1.0	T__	m_e		
BRG	3.43	5.4	Sg	12:39:10.162	-1.7	T__	m_e		
BFO	3.53	286.2	Pn	12:38:17.527	1.0	T__	m_e	ML	3.8
BFO	3.53	286.2	Pg	12:38:30.592	1.3	T__	m_e		
BFO	3.53	286.2	Sg	12:39:13.811	-1.1	T__	m_e		
CLL	3.86	356.0	Pn	12:38:21.848	0.8	T__	m_e		
CLL	3.86	356.0	Pg	12:38:34.631	-1.0	T__	m_e		
CLL	3.86	356.0	Sg	12:39:22.573	-2.9	T__	m_e		
TNS	4.29	312.0	Pn	12:38:28.823	2.0	T__	m_e		
TNS	4.29	312.0	Pg	12:38:44.370	0.7	T__	m_e		

Event 11214008 Eastern Tennengau/A, Hoher Dachstein

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/14	12:37:37.34	0.25	0.58	47.4152	13.4531	2.2	1.3	039	6.0	0.0	28	14	029			m i fe	ZAMG	11214018
2011/12/14	12:37:38.28	0.25	0.62	47.4560	13.4330	2.2	2.2	070	10.0f		36	21	078	0.38	3.43	m i ke	BGR	11214008

(#PRIME)

(Second of two events, 16 seconds apart.)

Magnitude	Err	Nsta	Author	OrigID
ML	3.8	0.3	15 ZAMG	11214018
ML	3.8	0.3	21 BGR	11214008

Effects	Loctyp	Location	Intensity	Scale	Author
_F	Summar		5.0	EMS	ZAMG

(Felt as far as Schaerding and Ybbs)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	0.38	189.0	Pg	12:37:44.937	-0.7					T__				m_e	ML 3.3
KBA	0.38	189.0	Sg	12:37:50.221	-0.5					T__				m_e	
RJOB	0.51	303.4	Sg	12:37:56.575	1.7					T__				m_e	ML 3.4
MOA	0.69	54.6	Sg	12:38:01.592	1.4					T__				m_e	ML 3.4
OBKA	1.21	140.8	Sg	12:38:16.412	-0.6					T__				m_e	ML 3.5
GEC2	1.40	7.3	Pg	12:38:04.532	-0.2					T__				m_e	ML 4.0

GEC2	1.40	7.3	Sg	12:38:23.709	0.8	T__	m_e		
ARSA	1.43	97.5	Sg	12:38:24.472	0.6	T__	m_e ML	3.1	
FUR	1.61	296.8	Sg	12:38:29.946	0.4	T__	m_e ML	4.0	
WET	1.73	347.9	Pn	12:38:08.157	0.6	T__	m_e ML	3.7	
WET	1.73	347.9	Pg	12:38:10.825	-0.1	T__	m_e		
WET	1.73	347.9	Sg	12:38:33.420	0.2	T__	m_e		
OBER	2.12	269.8	Sg	12:38:46.554	0.7	T__	m_e ML	3.7	
DAVA	2.41	267.3	Sg	12:38:55.275	0.3	T__	m_e ML	3.9	
ROTZ	2.45	341.1	Pg	12:38:24.258	-0.2	T__	m_e ML	3.8	
ROTZ	2.45	341.1	Sg	12:38:55.439	-0.7	T__	m_e		
GRA1	2.67	327.6	Pg	12:38:28.828	0.2	T__	m_e ML	4.1	
GRA1	2.67	327.6	Sg	12:39:02.739	-0.5	T__	m_e		
MANZ	2.68	341.4	Pg	12:38:29.214	0.5	T__	m_e ML	3.8	
MANZ	2.68	341.4	Sg	12:39:02.363	-1.0	T__	m_e		
NKC	2.85	347.2	Pg	12:38:32.429	0.4	T__	m_e ML	4.3	
NKC	2.85	347.2	Sg	12:39:09.067	0.1	T__	m_e		
ROHR	2.87	345.6	Pg	12:38:32.496	0.0	T__	m_e ML	3.7	
ROHR	2.87	345.6	Sg	12:39:09.413	-0.2	T__	m_e		
WERN	2.92	346.6	Pg	12:38:33.569	0.3	T__	m_e ML	4.0	
WERN	2.92	346.6	Sg	12:39:09.939	-1.0	T__	m_e		
GUNZ	3.00	346.4	Pg	12:38:34.736	-0.0	T__	m_e ML	3.9	
GUNZ	3.00	346.4	Sg	12:39:13.505	-0.0	T__	m_e		
MULD	3.03	347.5	Pg	12:38:35.445	-0.0	T__	m_e ML	3.9	
MULD	3.03	347.5	Sg	12:39:14.878	0.2	T__	m_e		
WERD	3.08	346.5	Pg	12:38:35.971	-0.4	T__	m_e ML	4.0	
WERD	3.08	346.5	Sg	12:39:15.333	-0.9	T__	m_e		
MOX	3.40	340.2	Pn	12:38:30.494	0.2	T__	m_e ML	4.0	
MOX	3.40	340.2	Sg	12:39:26.030	-0.4	T__	m_e		
BRG	3.43	5.4	Pg	12:38:42.135	-0.9	T__	m_e ML	4.0	
BRG	3.43	5.4	Sg	12:39:26.610	-0.8	T__	m_e		

Event 11215008 Seetaler Alps/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/15	11:31:40.17	0.18	0.57	47.1658	14.5064	1.5	1.0	005	8.0	0.0	37	10	025			m i f e	ZAMG	11215018
2011/12/15	11:31:41.35	0.29	1.29	47.1840	14.5590	5.6	4.4	049	10.0f		21	12	100	0.66	3.34	m i k e	BGR	11215008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.4	11 ZAMG	11215018
ML	2.7	0.4	11 BGR	11215008

Effects	Loctyp	Location	Intensity	Scale	Author
_F	Summar		4.0	EMS	ZAMG

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	0.66	83.8	Pg	11:31:53.416	-0.5					T__				m_e ML	2.0
ARSA	0.66	83.8	Sg	11:32:02.010	-0.5					T__				m_e	
OBKA	0.67	180.6	Pg	11:31:53.603	-0.6					T__				m_e ML	2.7
OBKA	0.67	180.6	Sg	11:32:02.489	-0.5					T__				m_e	
MOA	0.69	343.5	Pg	11:31:53.719	-0.8					T__				m_e ML	2.2
MOA	0.69	343.5	Sg	11:32:04.573	1.0					T__				m_e	

KBA	0.83	263.2	Pg	11:31:55.403	-1.7	T__	m_e	ML	2.2
KBA	0.83	263.2	Sg	11:32:06.960	-1.0	T__	m_e		
RJOB	1.31	295.5	Pg	11:32:06.261	0.1	T__	m_e	ML	2.6
RJOB	1.31	295.5	Sg	11:32:24.783	1.6	T__	m_e		
GEC2	1.76	341.3	Pn	11:32:12.642	1.6	T__	m_e	ML	2.7
GEC2	1.76	341.3	Sg	11:32:36.444	-0.8	T__	m_e		
WTTA	1.99	273.4	Sg	11:32:45.711	1.2	T__	m_e		
WET	2.26	330.9	Pn	11:32:20.004	2.1	T__	m_e	ML	2.6
WET	2.26	330.9	Sg	11:32:52.021	-1.1	T__	m_e		
FUR	2.42	295.1	Sg	11:32:58.501	0.3	T__	m_e	ML	3.2
ROTZ	3.02	329.8	Sg	11:33:15.394	-1.8	T__	m_e	ML	3.0
MANZ	3.24	330.9	Pn	11:32:33.504	2.4	T__	m_e	ML	3.0
MANZ	3.24	330.9	Sg	11:33:23.170	-1.1	T__	m_e		
GRA1	3.34	319.8	Pn	11:32:33.925	1.3	T__	m_e	ML	3.3
GRA1	3.34	319.8	Sg	11:33:26.496	-1.2	T__	m_e		

Event 11215010 Klingenthal, Kraslice/CR, Erzgebirge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/15	13:57:17.68	0.19		50.2570	12.4470	2.2	1.1	097	10.2	1.7	36	18	093	0.02	1.63	m i ke	BGR	11215010

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.3	6 BGR	11215010

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
NKC	0.02	178.6	Pg	13:57:19.642	0.2					T__				m_e		
NKC	0.02	178.6	Sg	13:57:20.659	-0.0					T__				m_e		
WERN	0.05	303.9	Pg	13:57:19.945	0.3					T__				m_e		
WERN	0.05	303.9	Sg	13:57:21.244	0.2					T__				m_e		
ROHR	0.09	255.0	Pg	13:57:20.203	0.2					T__				m_e		
ROHR	0.09	255.0	Sg	13:57:21.631	-0.0					T__				m_e		
GUNZ	0.13	325.4	Pg	13:57:21.015	0.3					T__				m_e		
GUNZ	0.13	325.4	Sg	13:57:22.969	0.3					T__				m_e		
MULD	0.16	349.9	Pg	13:57:21.391	0.3					T__				m_e		
MULD	0.16	349.9	Sg	13:57:23.533	0.1					T__				m_e		
WERD	0.21	334.8	Pg	13:57:22.328	0.3					T__				m_e		
WERD	0.21	334.8	Sg	13:57:24.999	0.0					T__				m_e		
TRIB	0.22	295.8	Pg	13:57:22.398	0.2					T__				m_e		
TRIB	0.22	295.8	Sg	13:57:25.429	0.2					T__				m_e		
PLN	0.29	321.1	Pg	13:57:23.801	0.3					T__				m_e		
PLN	0.29	321.1	Sg	13:57:27.753	0.3					T__				m_e		
MANZ	0.35	218.9	Pg	13:57:24.711	0.3					T__				m_e		
MANZ	0.35	218.9	Sg	13:57:29.271	0.2					T__				m_e		
SCHF	0.42	356.2	Pg	13:57:26.175	0.4					T__				m_e	ML	2.7
SCHF	0.42	356.2	Sg	13:57:31.308	-0.1					T__				m_e		
ROTZ	0.51	197.6	Pg	13:57:27.777	0.3					T__				m_e		
ROTZ	0.51	197.6	Sg	13:57:34.531	0.3					T__				m_e		
MOX	0.66	306.5	Pg	13:57:30.481	0.3					T__				m_e	ML	1.8
MOX	0.66	306.5	Sg	13:57:38.985	0.3					T__				m_e		
FBE	0.88	40.6	Pg	13:57:34.924	0.6					T__				m_e		
FBE	0.88	40.6	Sg	13:57:46.025	0.3					T__				m_e		
GRA1	0.97	234.8	Pg	13:57:36.340	0.3					T__				m_e	ML	2.6

GRA1	0.97	234.8	Sg	13:57:49.534	0.9	T__	m_e		
CLL	1.11	18.3	Pg	13:57:38.503	-0.1	T__	m_e ML	2.4	
CLL	1.11	18.3	Sg	13:57:53.215	0.2	T__	m_e		
BRG	1.13	56.5	Pg	13:57:39.448	0.4	T__	m_e ML	2.4	
BRG	1.13	56.5	Sg	13:57:54.152	0.4	T__	m_e		
WET	1.15	165.8	Pg	13:57:39.447	0.1	T__	m_e ML	2.3	
WET	1.15	165.8	Sg	13:57:54.702	0.5	T__	m_e		
GEC2	1.63	149.6	Pg	13:57:47.845	-0.6	T__	m_e		
GEC2	1.63	149.6	Sg	13:58:08.701	-0.8	T__	m_e		

Event 11215011 Klingenthal, Kraslice/CR, Erzgebirge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/15	14:00:29.02	0.20		50.2540	12.4520	2.2	1.1	102	10.6	1.7	33	18	094	0.02	1.63	m i ke	BGR	11215011

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.2	6 BGR	11215011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
NKC	0.02	187.2	Pg	14:00:31.114	0.3					T__				m_e	
NKC	0.02	187.2	Sg	14:00:32.142	0.0					T__				m_e	
WERN	0.06	304.6	Pg	14:00:31.413	0.3					T__				m_e	
WERN	0.06	304.6	Sg	14:00:32.712	0.1					T__				m_e	
ROHR	0.09	257.4	Pg	14:00:31.689	0.2					T__				m_e	
ROHR	0.09	257.4	Sg	14:00:33.094	-0.1					T__				m_e	
GUNZ	0.13	325.0	Pg	14:00:32.471	0.4					T__				m_e	
GUNZ	0.13	325.0	Sg	14:00:34.429	0.2					T__				m_e	
MULD	0.16	349.0	Pg	14:00:32.865	0.3					T__				m_e	
MULD	0.16	349.0	Sg	14:00:34.985	0.0					T__				m_e	
WERD	0.21	334.4	Pg	14:00:33.794	0.3					T__				m_e	
WERD	0.21	334.4	Sg	14:00:36.505	0.0					T__				m_e	
TRIB	0.22	296.1	Pg	14:00:33.881	0.3					T__				m_e	
TRIB	0.22	296.1	Sg	14:00:36.910	0.2					T__				m_e	
PLN	0.30	321.0	Pg	14:00:35.274	0.4					T__				m_e	
PLN	0.30	321.0	Sg	14:00:39.189	0.2					T__				m_e	
MANZ	0.35	219.6	Pg	14:00:36.186	0.4					T__				m_e	
MANZ	0.35	219.6	Sg	14:00:40.777	0.3					T__				m_e	
SCHF	0.42	355.8	Pg	14:00:37.630	0.4					T__				m_e ML	2.2
SCHF	0.42	355.8	Sg	14:00:42.516	-0.3					T__				m_e	
ROTZ	0.51	198.0	Pg	14:00:39.248	0.4					T__				m_e	
ROTZ	0.51	198.0	Sg	14:00:45.967	0.4					T__				m_e	
MOX	0.66	306.6	Pg	14:00:41.929	0.3					T__				m_e ML	1.6
MOX	0.66	306.6	Sg	14:00:50.607	0.4					T__				m_e	
FBE	0.88	40.3	Sg	14:00:57.508	0.4					T__				m_e	
GRA1	0.97	235.1	Pg	14:00:47.929	0.5					T__				m_e ML	2.2
GRA1	0.97	235.1	Sg	14:01:00.506	0.5					T__				m_e	
CLL	1.11	18.1	Pg	14:00:50.328	0.3					T__				m_e ML	2.0
CLL	1.11	18.1	Sg	14:01:04.678	0.3					T__				m_e	
BRG	1.13	56.2	Pg	14:00:50.919	0.5					T__				m_e ML	2.0
BRG	1.13	56.2	Sg	14:01:05.705	0.6					T__				m_e	
WET	1.14	165.9	Sg	14:01:05.695	0.2					T__				m_e	
GEC2	1.63	149.6	Sg	14:01:19.838	-0.9					T__				m_e ML	2.1

Event 11215012 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/15	17:47:45.90	0.61	0.88	51.1450	18.9500	7.8	4.4	028	1.0f		14	8	234	1.07	4.08	m i ki	BGR	11215012

Magnitude	Err	Nsta	Author	OrigID
ML	3.5	0.3	7 BGR	11215012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
OJC	1.07	149.5	Pg	17:48:04.490	-1.6					T__				m_e ML	3.3
OJC	1.07	149.5	Sg	17:48:21.026	1.1					T__				m_e	
OKC	1.40	201.6	Pn	17:48:11.429	-0.5					T__				m_e ML	2.8
OKC	1.40	201.6	Sg	17:48:32.017	1.5					T__				m_e	
MORC	1.64	213.8	Pn	17:48:14.672	-0.4					T__				m_e ML	3.6
MORC	1.64	213.8	Sg	17:48:37.049	-0.8					T__				m_e	
KSP	1.70	260.8	Pn	17:48:14.973	-0.9					T__				m_e	
DPC	1.84	245.5	Pn	17:48:17.852	0.0					T__				m_e ML	3.6
DPC	1.84	245.5	Sg	17:48:41.922	-2.5					T__				m_e	
BRG	3.16	267.0	Sg	17:49:27.072	0.7					T__				m_e ML	3.5
CLL	3.73	274.8	Pn	17:48:43.975	0.6					T__				m_e ML	3.7
CLL	3.73	274.8	Sg	17:49:45.165	0.9					T__				m_e	
GEC2	4.08	237.8	Pn	17:48:48.607	0.4					T__				m_e ML	3.8
GEC2	4.08	237.8	Sg	17:49:55.504	-0.1					T__				m_e	

Event 11216001 Kirchdorf a. d. Krems/A, SW of Steyr

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/16	06:55:45.80	0.12	0.75	47.8524	14.2497	2.7	2.1	064	10.0	0.0	51	9	042			m i ke	LDG	11216021
2011/12/16	06:55:44.93	0.26	1.35	47.8424	14.2410	2.5	1.8	151	4.0	0.0	31	11	089			m i fe	ZAMG	11216011
2011/12/16	06:55:45.79	0.23	0.94	47.8630	14.2540	4.4	2.2	063	10.0f		30	17	129	0.02	3.27	m i ke	BGR	11216001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.3	6 LDG	11216021
ML	2.9	0.3	12 ZAMG	11216011
ML	3.0	0.3	15 BGR	11216001

Effects	Loctyp	Location	Intensity	Scale	Author
F	Summar		5.0	EMS	ZAMG

(Felt in Molln)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MOA	0.02	149.4	Pg	06:55:45.639	-1.9					T__				m_e	
MOA	0.02	149.4	Sg	06:55:46.708	-2.0					T__				m_e	
RJOB	0.99	263.2	Pg	06:56:04.670	0.2					T__				m_e ML	2.5
GEC2	1.05	339.7	Pg	06:56:05.421	-0.2					T__				m_e ML	2.7
GEC2	1.05	339.7	Sg	06:56:20.352	1.1					T__				m_e	
ARSA	1.05	125.1	Pg	06:56:05.510	-0.2					T__				m_e ML	2.6
ARSA	1.05	125.1	Sg	06:56:21.695	2.3					T__				m_e	

OBKA	1.37	171.5	Pg	06:56:11.863	0.2	T__	m_e	ML	2.6
OBKA	1.37	171.5	Sg	06:56:31.058	1.7	T__	m_e		
WET	1.57	325.1	Pg	06:56:15.037	-0.4	T__	m_e	ML	3.1
WET	1.57	325.1	Sg	06:56:36.356	0.5	T__	m_e		
WTTA	1.87	252.2	Pg	06:56:19.768	-1.2	T__	m_e		
WTTA	1.87	252.2	Sg	06:56:45.843	0.7	T__	m_e		
FUR	2.02	279.7	Sg	06:56:50.379	0.5	T__	m_e	ML	3.2
MANZ	2.55	327.2	Pg	06:56:32.688	-1.2	T__	m_e	ML	3.1
MANZ	2.55	327.2	Sg	06:57:06.840	0.0	T__	m_e		
NKC	2.65	334.1	Sg	06:57:09.960	-0.0	T__	m_e	ML	3.5
ROHR	2.69	332.6	Pg	06:56:34.999	-1.5	T__	m_e	ML	2.8
ROHR	2.69	332.6	Sg	06:57:11.070	-0.2	T__	m_e		
OBER	2.71	261.8	Sg	06:57:12.198	0.4	T__	m_e	ML	3.0
GRA1	2.71	313.6	Pg	06:56:37.168	0.3	T__	m_e	ML	3.2
GRA1	2.71	313.6	Sg	06:57:12.440	0.6	T__	m_e		
WERN	2.72	333.8	Pg	06:56:37.113	0.1	T__	m_e	ML	3.3
WERN	2.72	333.8	Sg	06:57:12.504	0.3	T__	m_e		
GUNZ	2.80	334.0	Pg	06:56:39.025	0.5	T__	m_e	ML	3.3
GUNZ	2.80	334.0	Sg	06:57:14.652	-0.1	T__	m_e		
BRG	3.02	356.3	Pg	06:56:42.626	-0.0	T__	m_e	ML	3.3
BRG	3.02	356.3	Sg	06:57:22.295	0.6	T__	m_e		
MOX	3.27	329.2	Pg	06:56:47.528	0.1	T__	m_e	ML	3.2
MOX	3.27	329.2	Sg	06:57:29.595	-0.2	T__	m_e		

Event 11219005 Limburg/Lahn

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/19	08:52:11.70	0.06	0.34	50.3387	8.0641	1.2	0.9	058	3.0f		27	9	088			m i ke	LDG	11219045
2011/12/19	08:52:13.00	0.45	0.31	50.3180	8.0350				10.0f			2	350			m i ke	GDNRW	11219035
2011/12/19	08:52:11.50	0.91	0.31	50.3240	8.0850				2.8	12.8		10	143	0.25	1.31	m i ke	BNS	11219025
2011/12/19	08:52:11.12	0.32	0.64	50.3410	8.1110	5.6	3.3	178	10.0f		11	7	132	0.25	2.10	m i ke	BGR	11219015
2011/12/19	08:52:11.67	0.14	0.24	50.3540	8.1030	2.0	1.3	006	8.0	2.0	31	16	098	0.07	2.03	m i ke	LED	11219005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.6	1	LDG	11219045
ML	2.6	0.3	10 LDG	11219045
ML	1.6		GDNRW	11219035
ML	1.8		BNS	11219025
ML	1.7	0.1	4 BGR	11219015
ML	1.8	0.2	18 LED	11219005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
FACH	0.07	272.0	P*	08:52:13.550						T__				mci	ML	2.0
FACH	0.07	272.0	S*	08:52:14.860						T__				m__		
WBC	0.11	69.4	P*	08:52:13.990						T__				mci	ML	2.3
WBC	0.11	69.4	S*	08:52:15.720						T__				m_i		
KOE	0.25	286.9	Pg	08:52:16.691	0.2					___				mci		
KOE	0.25	286.9	Sg	08:52:20.059	0.2					___		239.7	0.42	m_e		
TNS	0.26	120.7	P*	08:52:16.960						T__				md__	ML	1.8
TNS	0.26	120.7	S*	08:52:20.390						T__				m__		
BIW	0.41	336.0	P*	08:52:20.080						T__				m__		

BIW	0.41	336.0	S*	08:52:24.830		T__			m__		
BGG	0.51	253.5	Pg	08:52:21.217	-0.2	---			mce		
ABH	0.59	217.2	P*	08:52:23.100		T__			mci		
WBB	0.62	144.7	P*	08:52:24.220		---			m__	ML	1.5
WBB	0.62	144.7	S*	08:52:32.070		T__			m__		
AHRW	0.68	286.4	P*	08:52:24.490		T__			m__	ML	1.6
AHRW	0.68	286.4	Sg	08:52:33.073	-0.3	---			m_e		
AHRW	0.68	286.4	SmS	08:52:36.200	-1.7	T__			m__		
FSH	0.69	246.8	P*	08:52:24.190		T__			m__		
FSH	0.69	246.8	SmS	08:52:36.740	-1.5	T__			m__		
TDN	0.77	287.1	Pg	08:52:27.337	1.1	---			m_e		
TDN	0.77	287.1	Sg	08:52:37.481	1.3	---			m_e		
IMS	0.77	189.8	P*	08:52:26.020		T__	30.2	0.12	m_e		
IMS	0.77	189.8	PmP	08:52:27.170	-1.5	T__			mc__	ML	1.9
IMS	0.77	189.8	S*	08:52:36.270		T__			m__		
HOBG	0.80	322.5	Pg	08:52:27.112	0.4	---			m_e		
WBG	0.82	102.5	P*	08:52:31.070		---			md__	ML	2.1
STB	0.84	287.1	Pg	08:52:27.410	-0.1	---			m_e		
TOD	0.87	148.7	P*	08:52:28.600		T__			m__		
TOD	0.87	148.7	S*	08:52:40.490		---			m__		
HILG	0.91	266.6	Pg	08:52:28.661	-0.2	---			m_e		
RUP	0.94	226.2	P*	08:52:28.250		T__			mc__		
RUP	0.94	226.2	Pg	08:52:29.070	-0.3	T__			m__		
RUP	0.94	226.2	PmP	08:52:30.070	-1.3	T__			m__		
RUP	0.94	226.2	SmS	08:52:43.640	-1.3	---			m__		
SWS	0.95	155.9	Sg	08:52:41.970	0.0	T__			m__	ML	1.8
RIVT	1.07	233.6	P*	08:52:30.290		---			mc__	ML	2.1
RIVT	1.07	233.6	S*	08:52:45.180		T__			m__		
OLFT	1.08	278.1	Pg	08:52:32.535	0.4	---			m_e		
OLFT	1.08	278.1	Sg	08:52:45.904	-0.2	---			m_e		
BLI	1.17	264.7	P*	08:52:32.830		T__			m__	ML	1.9
BLI	1.17	264.7	PmP	08:52:33.570	-1.8	T__			m__		
BLI	1.17	264.7	S*	08:52:48.030		T__			m__		
KLL	1.18	285.1	Pg	08:52:33.489	-0.4	---			m_e		
DUP	1.27	222.5	Pg	08:52:35.250	-0.4	T__			m__	ML	1.9
UBBA	1.29	68.2	Pg	08:52:34.961	-1.1	---			m_e	ML	1.8
UBBA	1.29	68.2	Sg	08:52:51.758	-1.0	---			m_e		
MEM	1.36	281.6	Pg	08:52:36.200	-1.1	---			m__		
MEM	1.36	281.6	Sg	08:52:53.510	-1.4	---			m__		
SIND	1.40	135.5	Sg	08:52:55.970	-0.1	---			m__	ML	1.9
WLF	1.43	241.9	P	08:52:36.880		---			m__	ML	1.7
WLF	1.43	241.9	Pg	08:52:37.810	-0.9	---			m__		
WLF	1.43	241.9	Sg	08:52:57.000	-0.2	---			m__		
OPP	1.86	178.3	Pg	08:52:45.230	-1.5	---			m__	ML	1.7
OPP	1.86	178.3	Sg	08:53:10.060	-0.7	---			m__		
POSS	2.00	59.6	Pg	08:52:48.595	-0.8	---			m_e		
BFO	2.03	175.7	S	08:53:06.820		---			m__	ML	1.7
BFO	2.03	175.7	Sg	08:53:14.443	-1.7	---			m_e		
GRA1	2.11	107.1	Sg	08:53:18.263	-0.5	---			m_e		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/19	15:36:59.20	0.05	0.71	49.0950	8.2912	0.9	0.8	085	15.7	0.6	36	13	038			m i ke	LDG	11219026
2011/12/19	15:36:58.90	0.26	0.50	49.0980	8.3050	3.3	2.2	109	10.0f		19	12	072	0.67	2.63	m i ke	BGR	11219016
2011/12/19	15:36:59.26	0.13	0.22	49.0850	8.2830	1.3	1.3	034	13.0	3.0	34	21	059	0.08	1.74	m i ke	LED	11219006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.5	0.1	2 LDG	11219026
ML	2.6	0.3	13 LDG	11219026
ML	2.2	0.2	11 BGR	11219016
ML	2.1	0.2	22 LED	11219006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
TMO07	0.08	139.5	P*	15:37:02.010						T__				m__	
TMO58	0.12	329.7	P*	15:37:02.640						T__				m__	
LDAU	0.14	313.6	P*	15:37:03.080						T__				md__	
LDAU	0.14	313.6	S*	15:37:06.640						T__				m_i	
KTD	0.27	331.1	P*	15:37:04.760						T__				mdi ML	2.1
KTD	0.27	331.1	S*	15:37:08.780						T__				m__	
LANF	0.33	251.7	P*	15:37:05.990						T__				mci	
LANF	0.33	251.7	S*	15:37:10.910						T__				m_i	
PEB	0.37	267.4	P*	15:37:06.800						T__				mc ML	2.1
PEB	0.37	267.4	S*	15:37:12.290						T__				m__	
PEB	0.37	267.4	SmS	15:37:15.740	-1.4					T__				m__	
SWS	0.48	34.2	P*	15:37:08.770						T__				mci ML	2.4
SWS	0.48	34.2	S*	15:37:16.460						T__				m__	
LBG	0.54	141.1	P*	15:37:09.620						T__				m_i ML	2.0
LBG	0.54	141.1	S*	15:37:16.540						___				m__	
LBG	0.54	141.1	SmS	15:37:19.550	-1.5					T__				m__	
IMS	0.57	334.1	P*	15:37:09.920						___				m ML	1.9
IMS	0.57	334.1	PmP	15:37:11.120	-1.5					T__				m__	
IMS	0.57	334.1	S*	15:37:17.870						T__				m__	
IMS	0.57	334.1	SmS	15:37:19.700	-2.0					___				m__	
OPP	0.59	186.2	SmS	15:37:20.460	-1.9					T__				m ML	2.5
STU	0.68	117.4	Sg	15:37:20.517	-0.5					___				m_e ML	2.2
STU	0.68	117.4	SmS	15:37:22.780	-1.8					___				m__	
BFO	0.76	177.6	Pg	15:37:13.260	-0.4					___				m_e ML	2.5
BFO	0.76	177.6	Sg	15:37:22.931	-0.6					___				m_e	
BFO	0.76	177.6	SmS	15:37:24.780	-2.0					T__				m__	
TUBL	0.77	136.6	P*	15:37:13.730						T__				m ML	2.2
WBB	0.80	17.9	S*	15:37:24.780						T__				m ML	2.0
SIND	0.90	72.5	P	15:37:15.700						T__				m ML	2.2
SIND	0.90	72.5	Pg	15:37:16.000	-0.4					T__				m__	
SIND	0.90	72.5	Sg	15:37:28.540	0.3					T__				m__	
ABH	0.93	329.3	Pg	15:37:16.830	-0.1					T__				md ML	1.8
ABH	0.93	329.3	Sg	15:37:29.510	0.5					T__				m__	
BUCH	0.95	131.6	Pg	15:37:17.310	0.0					T__				mci ML	2.5
BUCH	0.95	131.6	Sg	15:37:30.480	0.8					T__				m__	
RUP	1.01	308.2	Pg	15:37:18.490	0.1					T__				mci	
SPAK	1.04	161.1	Pg	15:37:18.910	-0.0					T__				m_i	
TNS	1.14	5.3	Pg	15:37:20.678	-0.2					___				m_e ML	2.0
TNS	1.14	5.3	Sg	15:37:36.030	0.3					___				m__	
ECH	1.14	220.9	Pg	15:37:20.816	-0.1					___				m_e ML	2.3
ECH	1.14	220.9	S	15:37:33.750						___				m__	

ECH	1.14	220.9	Sg	15:37:36.670	0.9	T__	m__		
GUT	1.15	151.2	Pg	15:37:21.060	-0.1	T__	m__	ML	2.1
GUT	1.15	151.2	Sg	15:37:36.300	0.2	___	m__		
KIZ	1.15	192.2	S	15:37:33.850		___	m__	ML	2.3
KIZ	1.15	192.2	Sg	15:37:36.150	0.0	T__	m__		
RIVT	1.17	302.8	Sg	15:37:35.890	-0.7	___	m__	ML	1.9
FELD	1.22	188.8	Sg	15:37:38.770	0.5	___	m__		
FSH	1.25	322.9	Pg	15:37:23.100	0.2	___	m__	ML	1.8
SLE	1.33	173.9	Pg	15:37:24.412	0.1	___	m_e	ML	2.2
SLE	1.33	173.9	Sg	15:37:41.126	-0.4	___	m_e		
HDH	1.36	110.8	Sg	15:37:42.030	-0.7	___	m__	ML	2.2
END	1.42	195.0	Sg	15:37:44.080	-0.4	___	m__	ML	2.0
WLF	1.50	293.5	Sg	15:37:45.979	-1.2	___	m_e	ML	2.0
SULZ	1.56	184.2	Sg	15:37:48.820	-0.1	___	m__	ML	2.1
WILA	1.72	165.8	Pg	15:37:32.020	0.2	___	m_e	ML	2.5
WILA	1.72	165.8	Sg	15:37:54.189	0.1	___	m_e		
THEF	1.74	241.3	Pg	15:37:31.510	-0.6	___	m__		
BALST	1.79	192.8	Pg	15:37:33.420	0.3	___	m_e	ML	2.3
BALST	1.79	192.8	Sg	15:37:56.281	-0.0	___	m_e		
GRA1	2.01	71.3	Sg	15:38:01.452	-1.7	___	m_e	ML	2.3
UBBA	2.06	31.9	Sg	15:38:04.318	-0.4	___	m_e	ML	2.1
MOX	2.65	52.8	Pg	15:37:48.775	-0.6	___	m_e		
MOX	2.65	52.8	Sg	15:38:22.428	-1.2	___	m_e		

Event 11220001 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/20	13:59:38.60	0.32	0.11	51.5010	6.6150				1.0f			6	260			m i ki	GDNRW	11220021
2011/12/20	13:59:39.45	0.56	0.71	51.4700	6.5380	7.8	3.3	113	1.0f		15	10	195	0.05	1.82	m i ki	BGR	11220011
2011/12/20	13:59:38.40			51.5030	6.5320				1.0f							m i ki	BUG	11220001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		GDNRW	11220021
ML	2.2	0.2	5 BGR	11220011
ML	2.4		BUG	11220001

Effects	Loctyp	Location	Intensity	Scale	Author
F	Summar		3.0	EMS	GDNRW

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.03	62.7	Pg	13:59:39.805	0.9					___				m_e	
ZERL	0.24	60.6	Pg	13:59:43.819	0.9					___				m_e	
ZERL	0.24	60.6	Sg	13:59:47.892	1.8					___				m_e	
HES	0.35	113.0	Pg	13:59:44.830	-0.1					___				m_e	
BSHA	0.45	96.9	Pg	13:59:47.385	0.6					___				m_e	
BUG	0.46	97.4	Pg	13:59:48.100	1.0					TA_				m_e	ML 2.4
BUG	0.46	97.4	Sg	13:59:54.600	1.5					TA_				m__	
BKLB	0.46	97.5	Pg	13:59:47.928	0.8					___				m_e	
RWB	0.47	210.6	Sg	13:59:55.298	2.1					___				m_e	
BTEZ	0.47	96.3	Pg	13:59:48.184	1.0					___				m_e	
PLH	0.53	160.1	Pg	13:59:48.915	0.5					___				m_e	

PLH	0.53	160.1	Sg	13:59:56.065	0.8	---	123.4	0.28	m_e		
GSH	0.77	187.2	Pg	13:59:54.082	1.1	---			m_e		
GSH	0.77	187.2	Sg	14:00:04.707	1.7	---	37.2	0.13	m_e		
OLFT	1.01	184.0	Pg	13:59:58.367	0.9	---			m_e		
OLFT	1.01	184.0	Sg	14:00:11.809	1.3	---			m_e		
AHRW	1.02	160.2	Pg	13:59:59.928	2.3	---			m_e ML	1.9	
IBBN	1.10	42.8	Sg	14:00:15.607	2.1	---			m_e ML	2.4	
TNS	1.76	135.9	Pn	14:00:10.949	1.7	---			m_e ML	2.2	
TNS	1.76	135.9	Pg	14:00:12.225	0.6	---			m_e		
TNS	1.76	135.9	Sg	14:00:33.574	-0.8	---			m_e		
WLF	1.85	187.6	Pg	14:00:13.744	0.4	---			m_e ML	2.4	
WLF	1.85	187.6	Sg	14:00:36.615	-0.7	---			m_e		

Event 11224001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/24	07:13:48.44	0.44	0.58	51.5280	16.2120	5.6	3.3	010	1.0f		23	16	202	0.69	3.66	m i ki	BGR	11224011

Magnitude	Err	Nsta	Author	OrigID
ML	3.5	0.3	16 BGR	11224011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.69	175.7	Pg	07:14:01.653	0.3					T_				m_e ML	2.8
KSP	0.69	175.7	Sg	07:14:10.722	0.5					T_				m_e	
DPC	1.18	176.6	Pg	07:14:10.488	-0.2					T_				m_e ML	3.7
BRG	1.57	246.2	Pn	07:14:15.628	-1.0					T_				m_e ML	3.5
BRG	1.57	246.2	Sg	07:14:38.017	-0.2					T_				m_e	
FBE	1.89	252.4	Pn	07:14:20.438	-0.6					T_				m_e ML	3.3
FBE	1.89	252.4	Sg	07:14:48.030	-0.4					T_				m_e	
MORC	1.94	153.8	Pn	07:14:21.790	0.0					T_				m_e ML	3.7
MORC	1.94	153.8	Sg	07:14:49.908	-0.3					---				m_e	
CLL	2.01	265.0	Pn	07:14:21.767	-0.9					T_				m_e ML	3.4
CLL	2.01	265.0	Sg	07:14:52.319	-0.1					T_				m_e	
OKC	2.09	143.3	Pn	07:14:23.076	-0.6					T_				m_e ML	3.1
OKC	2.09	143.3	Sg	07:14:53.933	-0.8					---				m_e	
OJC	2.61	118.6	Pn	07:14:30.827	-0.0					T_				m_e ML	3.6
WERD	2.68	247.8	Pn	07:14:31.881	0.1					T_				m_e ML	3.5
MANZ	3.02	240.9	Pn	07:14:36.726	0.4					T_				m_e ML	3.8
MANZ	3.02	240.9	Sg	07:15:25.832	1.5					T_				m_e	
MOX	3.02	254.8	Pn	07:14:36.428	0.1					T_				m_e ML	3.9
MOX	3.02	254.8	Sg	07:15:24.987	0.6					T_				m_e	
ROTZ	3.09	236.8	Pn	07:14:37.434	0.1					T_				m_e ML	3.6
GEC2	3.13	211.9	Pn	07:14:38.125	0.3					T_				m_e ML	3.6
GEC2	3.13	211.9	Sg	07:15:26.776	-1.0					T_				m_e	
WET	3.19	223.0	Pn	07:14:38.890	0.2					T_				m_e ML	3.5
CLZ	3.63	277.2	Pn	07:14:45.482	0.8					T_				m_e ML	3.6
GRA1	3.66	241.8	Sg	07:15:45.233	0.5					T_				m_e ML	4.1

Event 11224006 W of Goepingen

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/24	22:59:24.36	0.39	0.74	48.6371	9.6478	5.3	1.9	032	3.0	0.0	17	5	026			m i uk	ZAMG	11224036
2011/12/24	22:59:24.70	0.06	0.67	48.6822	9.6342	1.2	1.0	156	10.0	0.0	36	10	046			m i ke	LDG	11224026
2011/12/24	22:59:24.47	0.30	0.48	48.7470	9.6170	4.4	2.2	161	10.0f		22	12	127	0.28	2.69	m i ke	BGR	11224016
2011/12/24	22:59:24.59	0.11	0.15	48.6840	9.6340	1.5	0.9	356	11.0	2.0	35	16	077	0.30	1.81	m i ke	LED	11224006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	1.0	5 ZAMG	11224036
MD	2.2		1 LDG	11224026
ML	2.3	0.3	11 LDG	11224026
ML	2.0	0.2	6 BGR	11224016
ML	1.8	0.1	29 LED	11224006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BUCH	0.30	218.5	P*	22:59:30.720						T__				mci	ML 1.9
BUCH	0.30	218.5	S*	22:59:35.150						T__				m__	
STU	0.30	286.8	P*	22:59:30.650						T__				m__	ML 1.9
STU	0.30	286.8	S*	22:59:34.900						T__				m__	
HDH	0.39	104.5	P*	22:59:32.220						T__				mci	ML 1.8
HDH	0.39	104.5	S*	22:59:37.740						T__				m__	
TUBL	0.40	246.3	P*	22:59:32.290						T__				mci	ML 1.5
TUBL	0.40	246.3	S*	22:59:37.670						T__				m__	
LBG	0.55	268.2	P*	22:59:35.230						T__				mc_	ML 2.2
LBG	0.55	268.2	PmP	22:59:36.770	-1.2					T__				m__	
LBG	0.55	268.2	S*	22:59:42.580						T__				m__	
LBG	0.55	268.2	SmS	22:59:45.230	-1.9					T__				m_i	
SIND	0.67	358.4	P*	22:59:37.470						T__				m__	ML 1.9
SIND	0.67	358.4	S*	22:59:45.980						T__				m__	
GUT	0.70	209.5	P*	22:59:37.980						T__				mc_	ML 2.0
GUT	0.70	209.5	PmP	22:59:38.800	-1.4					T__				m__	
GUT	0.70	209.5	S*	22:59:47.780						T__				m__	
BFO	0.93	248.2	P	22:59:41.920						T__				m__	ML 2.0
BFO	0.93	248.2	Pg	22:59:42.260	-0.0					T__				m__	
BFO	0.93	248.2	S	22:59:54.550						T__				m__	
BFO	0.93	248.2	Sg	22:59:55.650	1.2					T__				m__	
OPP	0.98	259.5	Pg	22:59:42.950	-0.1					T__				m__	ML 1.8
OPP	0.98	259.5	Sg	22:59:56.240	0.5					T__				m__	
SWS	1.01	323.0	Pg	22:59:43.660	-0.0					T__				m__	ML 1.8
SWS	1.01	323.0	Sg	22:59:57.300	0.6					T__				m__	
UBR	1.05	162.3	Pg	22:59:45.020	0.5					T__				m__	ML 1.6
UBR	1.05	162.3	Sg	22:59:58.830	0.7					T__				m__	
TOD	1.07	329.8	Pg	22:59:44.700	-0.1					T__				mc_	
TOD	1.07	329.8	PmP	22:59:45.130	-1.3					T__				m__	
SISB	1.09	204.4	Pg	22:59:45.470	0.2					T__				m__	ML 2.0
SLE	1.19	220.1	P	22:59:45.070						T__				mc_	ML 1.9
SLE	1.19	220.1	Pg	22:59:46.930	-0.2					T__				m__	
SLE	1.19	220.1	Sg	23:00:02.920	0.3					T__				m__	
FUR	1.21	115.0	Sg	23:00:04.192	1.1					---				m_e	ML 2.4
GRC1	1.28	75.2	P	22:59:47.280						---				m__	ML 1.8
GRC1	1.28	75.2	Pg	22:59:48.770	-0.0					T__				m__	
GRC1	1.28	75.2	Sg	23:00:05.157	-0.2					---				m_e	
GRC3	1.30	80.2	Pn	22:59:47.865	-0.2					---				m_e	ML 2.0
PEB	1.32	287.6	Pg	22:59:49.890	0.4					T__				m__	ML 1.9

PEB	1.32	287.6	Sg	23:00:07.040	0.5	---	m_												
WBB	1.32	331.7	Sg	23:00:06.760	0.1	---	m_	ML	1.6										
FELD	1.35	233.9	P	22:59:47.430		---	m_												
FELD	1.35	233.9	Pg	22:59:50.280	0.1	---	m_												
KIZ	1.35	238.1	P	22:59:47.290		---	m_	ML	1.9										
KIZ	1.35	238.1	Pg	22:59:49.950	-0.2	---	m_												
KIZ	1.35	238.1	Sg	23:00:07.500	-0.2	---	m_												
WILA	1.36	201.2	Pg	22:59:50.500	0.2	---	m_	ML	2.2										
LIENZ	1.39	183.9	Pg	22:59:51.730	0.8	---	m_	ML	1.3										
DAVA	1.41	173.2	Sg	23:00:10.630	1.2	---	m_	ML	1.6										
GRA1	1.45	45.2	P	22:59:49.130		---	m_	ML	1.8										
GRA1	1.45	45.2	Pg	22:59:51.590	-0.3	---	m_												
GRA1	1.45	45.2	Sn	23:00:07.188	-0.8	---	m_e												
GRA1	1.45	45.2	Sg	23:00:10.141	-0.5	---	m_e												
IMS	1.45	309.4	Sg	23:00:10.260	-0.6	---	m_	ML	1.8										
GRB2	1.46	65.5	P	22:59:49.570		---	m_	ML	1.6										
GRB1	1.50	61.1	Sg	23:00:11.740	-0.6	---	m_e	ML	2.2										
SULZ	1.54	221.9	P	22:59:49.610		---	m_	ML	1.7										
SULZ	1.54	221.9	Pg	22:59:53.730	0.1	---	m_												
END	1.59	233.2	P	22:59:50.320		---	m_	ML	1.6										
END	1.59	233.2	Pg	22:59:54.560	-0.1	---	m_												
END	1.59	233.2	S	23:00:10.560		---	m_												
END	1.59	233.2	Sg	23:00:15.260	-0.0	---	m_												
ECH	1.71	255.0	S	23:00:12.180		---	m_	ML	1.8										
ABH	1.81	312.1	Pg	22:59:58.740	-0.1	---	m_	ML	1.6										
ROTZ	2.00	56.2	Pg	23:00:01.329	-1.0	---	m_e												
ROTZ	2.00	56.2	Sg	23:00:26.881	-1.3	---	m_e												
WET	2.18	76.6	Pg	23:00:05.064	-0.7	---	m_e												
WET	2.18	76.6	Sg	23:00:33.530	-0.4	---	m_e												
RJOB	2.31	113.0	Sg	23:00:39.921	1.9	---	m_e												
MOX	2.34	32.4	Sg	23:00:37.232	-1.9	---	m_e												
GEC2	2.69	85.0	Pn	23:00:07.408	0.6	---	m_e												
GEC2	2.69	85.0	Pg	23:00:14.663	-0.6	---	m_e												
GEC2	2.69	85.0	Sn	23:00:37.130	-0.0	---	m_e												
GEC2	2.69	85.0	Sg	23:00:49.699	-0.3	---	m_e												

Event 11225002 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2011/12/25	17:14:26.80	0.20	0.98	51.4991	6.5847	3.6	2.7	147	1.0f		40	15	148			m i sr	LDG	11225042	
2011/12/25	17:14:27.00	1.23	0.41	51.4850	6.6210				1.0	34.0		8	287	0.24	1.36	m i ki	BNS	11225032	
2011/12/25	17:14:25.70	0.27	0.11	51.5090	6.6270				1.0f			8	262			m i ki	GDNRW	11225022	
2011/12/25	17:14:26.66	0.53	0.56	51.5370	6.5390	6.7	4.4	136	1.0f		12	7	173	0.46	1.89	m i ki	BGR	11225012	
2011/12/25	17:14:25.40			51.5180	6.5630				1.0f							m i ki	BUG	11225002	
(#PRIME)																			

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.3	11 LDG	11225042
ML	2.1		BNS	11225032
ML	1.9		GDNRW	11225022
ML	2.2	0.2	5 BGR	11225012
ML	2.3		BUG	11225002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LAUG	0.29	125.0	Pg	17:14:31.653	0.8					___				m_e	
LAUG	0.29	125.0	Sg	17:14:35.438	0.8					___				m_e	
HES	0.33	116.6	Pg	17:14:31.790	0.1					___				m_e	
HES	0.33	116.6	Sg	17:14:36.290	0.3					___				m_e	
BUG	0.45	99.7	Pg	17:14:34.800	1.0					TA_				m_e	ML 2.3
BUG	0.45	99.7	Sg	17:14:41.300	1.7					TA_				m_e	
WTSB	0.47	18.0	Pg	17:14:35.931	1.6					___				m_e	ML 1.8
RWB	0.49	211.7	Sg	17:14:42.940	2.0					___				m_e	
PLH	0.54	162.6	Pg	17:14:36.144	0.6					___				m_e	
PLH	0.54	162.6	Sg	17:14:43.202	0.7					___		187.3	0.19	m_e	
ENTS	0.60	117.3	Pg	17:14:37.030	0.4					___				m_e	
ENTS	0.60	117.3	Sg	17:14:44.840	0.5					___				m_e	
BNS	0.67	145.1	Pg	17:14:39.093	1.0					___				m_e	
HOBG	0.72	137.6	Pg	17:14:40.116	1.1					___				m_e	
GSH	0.79	188.4	Pg	17:14:41.023	0.7					___				m_e	
GSH	0.79	188.4	Sg	17:14:52.042	1.5					___				m_e	
HGN	0.85	208.0	Pg	17:14:42.494	1.0					___				m_e	ML 2.5
HGN	0.85	208.0	Sg	17:14:54.641	2.2					___				m_e	
DREG	0.88	193.8	Pg	17:14:42.720	0.7					___				m_e	
KLL	0.89	190.4	Pg	17:14:43.650	1.6					___				m_e	
STB	0.94	169.2	Pg	17:14:44.580	1.5					___				m_e	
STB	0.94	169.2	Sg	17:14:56.618	1.3					___		52.7	0.31	m_e	
TDN	0.97	165.6	Pg	17:14:44.261	0.5					___				m_e	
TDN	0.97	165.6	Sg	17:14:57.239	0.9					___		42.3	0.13	m_e	
MEM	0.97	201.3	Pg	17:14:44.487	0.7					___				m_e	
MEM	0.97	201.3	Sg	17:14:58.646	2.3					___				m_e	
OLFT	1.03	185.1	Pg	17:14:45.538	0.8					___				m_e	
OLFT	1.03	185.1	Sg	17:14:59.448	1.4					___				m_e	
AHRW	1.03	161.5	Pg	17:14:46.988	2.2					___				m_e	ML 2.1
AHRW	1.03	161.5	Sg	17:15:00.341	2.3					___				m_e	
HILG	1.23	176.5	Pg	17:14:49.510	1.0					___				m_e	
BGG	1.40	159.3	Pg	17:14:51.928	0.1					___				m_e	
TNS	1.76	136.7	Pn	17:14:57.948	1.8					___				m_e	ML 2.3
TNS	1.76	136.7	Sn	17:15:19.982	1.9					___				m_e	
WLF	1.87	188.2	Pg	17:15:01.265	0.6					___				m_e	

Event 11226001 Muehlhausen, Bleicherode

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/26	01:40:11.54	0.21	0.47	51.2920	10.6250	2.2	1.1	074	1.0f		42	25	124	0.16	1.50	m i ki	BGR	11226031

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.3	16 BGR	11226031

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
POSS	0.16	74.6	Pg	01:40:14.486	-0.0					T_				m_e	
VITZ	0.53	219.8	Pg	01:40:21.225	-0.2					T_				m_e	
VITZ	0.53	219.8	Sg	01:40:28.868	0.6					T_				m_e	
TIEF	0.53	212.6	Sg	01:40:28.651	0.1					T_				m_e	
CLZ	0.57	344.2	Pg	01:40:22.196	-0.1					T_				m_e	ML 2.1

FBE	1.83	252.4	Pg	18:41:33.002	-0.4	T__	m_e	ML	3.0
FBE	1.83	252.4	Sg	18:41:57.159	0.1	T__	m_e		
MORC	1.95	151.9	Pn	18:41:32.191	-0.2	T__	m_e	ML	3.5
MORC	1.95	151.9	Pg	18:41:35.586	-0.2	T__	m_e		
CLL	1.95	265.4	Pn	18:41:31.577	-0.8	T__	m_e	ML	3.2
CLL	1.95	265.4	Pg	18:41:34.988	-0.8	T__	m_e		
CLL	1.95	265.4	Sg	18:42:00.924	-0.1	T__	m_e		
OKC	2.11	141.6	Pn	18:41:34.149	-0.3	T__	m_e	ML	2.7
OKC	2.11	141.6	Pg	18:41:38.274	-0.4	T__	m_e		
OKC	2.11	141.6	Sg	18:42:06.040	0.1	T__	m_e		
WERD	2.62	247.7	Pn	18:41:41.613	0.1	T__	m_e	ML	3.2
WERD	2.62	247.7	Sg	18:42:21.845	-0.5	T__	m_e		
OJC	2.65	117.6	Pn	18:41:40.906	-1.0	T__	m_e	ML	3.3
OJC	2.65	117.6	Pg	18:41:48.595	-0.4	T__	m_e		
OJC	2.65	117.6	Sg	18:42:24.422	1.1	T__	m_e		
MOX	2.96	254.8	Pn	18:41:46.455	0.4	T__	m_e	ML	3.4
MOX	2.96	254.8	Pg	18:41:54.058	-0.6	T__	m_e		
MOX	2.96	254.8	Sg	18:42:34.399	1.5	T__	m_e		
MANZ	2.96	240.6	Pn	18:41:46.406	0.4	T__	m_e	ML	3.4
MANZ	2.96	240.6	Sg	18:42:33.962	1.0	T__	m_e		
ROTZ	3.03	236.5	Pn	18:41:47.536	0.5	T__	m_e	ML	3.4
ROTZ	3.03	236.5	Sg	18:42:34.051	-1.2	T__	m_e		
GEC2	3.08	211.1	Pn	18:41:49.002	1.3	T__	m_e	ML	3.4
GEC2	3.08	211.1	Sg	18:42:35.481	-1.3	T__	m_e		
WET	3.14	222.5	Pn	18:41:49.100	0.6	T__	m_e	ML	3.3
WET	3.14	222.5	Sg	18:42:38.805	0.1	T__	m_e		
CLZ	3.58	277.6	Pn	18:41:55.310	0.9	T__	m_e	ML	3.4
GRA1	3.60	241.6	Pn	18:41:55.486	0.8	T__	m_e	ML	3.8
GRA1	3.60	241.6	Sg	18:42:54.527	1.2	T__	m_e		

Event 11227003 Dorsten, N of Bottrop

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/27	03:29:25.40	0.23	0.69	51.5840	6.9010	4.1	2.6	033	1.0f		36	16	270			m i sr	LDG	11227043
2011/12/27	03:29:26.00	0.67	0.21	51.5490	6.8820				1.0f			8	311	0.20	1.37	m i ki	BNS	11227033
2011/12/27	03:29:24.40	0.30	0.11	51.5910	6.8960				1.0f			5	273			m i ki	GDNRW	11227023
2011/12/27	03:29:25.53	0.26	0.80	51.5590	6.7950	5.6	2.2	103	1.0f		18	11	142	0.32	3.64	m i ki	BGR	11227013
2011/12/27	03:29:24.50			51.6220	6.8960				1.0f							m i ki	BUG	11227003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7	0.2	14 LDG	11227043
ML	2.0		BNS	11227033
ML	1.9		GDNRW	11227023
ML	2.3	0.2	7 BGR	11227013
ML	2.2		BUG	11227003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HES	0.27	160.3	Pg	03:29:29.340	-0.3					---				m_e	
HES	0.27	160.3	Sg	03:29:33.040	-0.1					---				m_e	
LAUG	0.27	173.7	Pg	03:29:29.890	0.2					---				m_e	
BUG	0.29	127.9	Pg	03:29:31.100	1.0					TA_				m_e	ML 2.2

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BOURR	0.08	309.3	P*	06:29:04.830						T__				mdi	ML	2.9
BOURR	0.08	309.3	S*	06:29:06.870						T__				m__		
BALST	0.25	91.2	P*	06:29:07.410						T__				mci	ML	3.1
BALST	0.25	91.2	S*	06:29:11.280						T__				m__		
LOMF	0.34	271.7	P*	06:29:09.000						T__				mci		
END	0.46	36.5	P*	06:29:11.140						T__				mc	ML	2.6
END	0.46	36.5	PmP	06:29:12.900	-1.4					T__				m__		
END	0.46	36.5	S*	06:29:17.380						T__				m__		
MOF	0.53	345.7	P*	06:29:12.680						T__				md		
MOF	0.53	345.7	SmS	06:29:23.120	-0.9					___				m__		
SULZ	0.56	70.3	P*	06:29:13.030						T__				mc	ML	2.8
SULZ	0.56	70.3	Pg	06:29:13.410	0.4					T__				m__		
SULZ	0.56	70.3	S*	06:29:21.370						T__				m__		
SULZ	0.56	70.3	SmS	06:29:23.880	-1.0					T__				m__		
FELD	0.70	40.3	P*	06:29:15.590						T__				mc		
FELD	0.70	40.3	S*	06:29:24.840						T__				m__		
FELD	0.70	40.3	SmS	06:29:27.000	-1.5					T__				m__		
KIZ	0.73	32.7	P*	06:29:16.060						T__				mc	ML	3.5
KIZ	0.73	32.7	PmP	06:29:16.690	-1.6					T__				m__		
KIZ	0.73	32.7	S*	06:29:25.730						T__				m__		
KIZ	0.73	32.7	SmS	06:29:27.450	-1.9					T__				m__		
FBB	0.75	28.1	P*	06:29:16.670						T__				m__		
ECH	0.88	352.7	P	06:29:18.580						T__				mc	ML	3.5
ECH	0.88	352.7	Pg	06:29:18.980	0.1					T__				m__		
ECH	0.88	352.7	S	06:29:30.370						T__				m__		
SLE	0.89	61.2	P	06:29:18.800						T__				mc	ML	2.9
SLE	0.89	61.2	S	06:29:30.590						___				m__		
WILA	1.07	85.5	P	06:29:22.080						T__				mc	ML	3.4
WILA	1.07	85.5	Pg	06:29:22.960	0.5					T__				m__		
WILA	1.07	85.5	Sg	06:29:37.553	1.1					___				m_e		
SISB	1.16	72.1	P	06:29:22.830						T__				mc	ML	3.0
SISB	1.16	72.1	Pg	06:29:24.340	0.2					T__				m__		
BFO	1.20	33.9	Pn	06:29:22.543	-1.6					___				m_e	ML	3.0
BFO	1.20	33.9	Sg	06:29:40.085	-0.2					___				m_e		
SPAK	1.24	51.7	P	06:29:23.410						T__				mc		
THEF	1.26	315.2	Pg	06:29:26.170	0.2					T__				m__		
OPP	1.29	26.2	P	06:29:23.820						T__				mc	ML	3.1
OPP	1.29	26.2	S	06:29:39.810						___				m__		
GUT	1.41	58.1	P	06:29:25.620						___				mci	ML	2.8
GUT	1.41	58.1	Pg	06:29:28.710	-0.1					___				m__		
PLONS	1.43	101.1	Pn	06:29:27.551	0.2					___				m_e	ML	3.1
PLONS	1.43	101.1	Pg	06:29:29.201	0.1					___				m_e		
PLONS	1.43	101.1	Sn	06:29:44.887	-0.3					___				m_e		
PLONS	1.43	101.1	Sg	06:29:47.867	0.3					___				m_e		
LBG	1.65	36.1	P	06:29:28.450						___				mc	ML	3.1
LBG	1.65	36.1	Pg	06:29:32.940	-0.4					___				m__		
TUBL	1.67	44.2	P	06:29:28.580						___				m__	ML	3.1
TUBL	1.67	44.2	Pg	06:29:33.430	-0.2					___				m__		
DAVA	1.73	90.9	P	06:29:31.790						___				mci	ML	3.2
DAVA	1.73	90.9	Pn	06:29:31.859	0.4					___				m_e		
DAVA	1.73	90.9	Pg	06:29:34.820	-0.1					___				m__		
DAVA	1.73	90.9	Sg	06:29:57.684	0.4					___				m_e		

PEB	1.74	8.4	P	06:29:30.320									m__	ML	3.1
PEB	1.74	8.4	Pg	06:29:35.100	-0.0								m__		
BUCH	1.75	50.1	P	06:29:30.080									mC__	ML	2.9
BUCH	1.75	50.1	Pg	06:29:35.260	-0.0								m__		
STU	1.90	40.4	Pn	06:29:31.742	-1.9								m_e	ML	3.2
STU	1.90	40.4	Pg	06:29:38.110	0.1								m_e		
STU	1.90	40.4	Sg	06:30:01.797	-0.7								m_e		
UBR	1.91	78.8	P	06:29:33.790									m__	ML	3.2
OBER	2.01	87.1	Pg	06:29:40.915	0.8								m_e	ML	3.0
OBER	2.01	87.1	Sg	06:30:06.153	0.0								m_e		
IMS	2.28	9.4	P	06:29:38.580									m__	ML	3.0
RIVT	2.40	351.3	P	06:29:40.580									md__	ML	2.9
RIVT	2.40	351.3	Pg	06:29:46.720	-0.7								m__		
TOD	2.47	22.8	P	06:29:39.510									m__		
SIND	2.51	36.2	P	06:29:39.700									m__	ML	3.2
ABH	2.54	3.2	P	06:29:42.560									m__	ML	2.8
FUR	2.78	71.4	Pg	06:29:54.862	0.3								m_e	ML	3.3
FUR	2.78	71.4	Sg	06:30:30.342	-0.2								m_e		
BGG	2.86	0.1	Pg	06:29:53.885	-2.3								m_e		
BGG	2.86	0.1	Sg	06:30:27.830	-5.4						29.7	0.67	m_e		
WTTA	2.92	89.9	Pn	06:29:50.133	2.5								m_e		
WTTA	2.92	89.9	Sg	06:30:35.046	-0.1								m_e		
TNS	2.97	14.0	Pn	06:29:48.268	-0.0								m_e	ML	3.4
TNS	2.97	14.0	Sg	06:30:36.495	-0.2								m_e		
HILG	2.98	352.0	Pg	06:29:56.477	-1.9								m_e		
GRC1	3.25	57.9	P	06:29:50.510									m__	ML	2.8
GRC1	3.25	57.9	Pg	06:30:02.810	-0.6								m__		
STB	3.27	354.6	Pg	06:29:58.870	-4.9								m_e		
GRA1	3.49	46.2	P	06:29:53.330									m__	ML	3.1
GRA1	3.49	46.2	Pg	06:30:07.620	-0.4								m__		
GRA1	3.49	46.2	Sg	06:30:51.868	-1.2								m_e		
RJOB	3.71	81.9	Pn	06:29:59.797	1.5								m_e		
ROTZ	4.04	51.3	Pn	06:30:01.069	-1.6								m_e		
WET	4.11	62.0	Pn	06:30:02.853	-0.9								m_e		
MOX	4.34	38.8	Pn	06:30:04.847	-1.9								m_e		
GEC2	4.51	68.2	Pn	06:30:09.074	-0.1								m_e		

Event 11227007 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/27	09:42:28.60	0.29	0.11	51.5600	6.6360				1.0f					0.28	1.42	m i ki	BNS	11227017
2011/12/27	09:42:29.29	0.35	0.90	51.4890	6.5640	6.7	3.3	117	1.0f		14	8	168	0.44	1.84	m i ki	BGR	11227007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		BNS	11227017
ML	2.1	0.2	5 BGR	11227007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LAUG	0.27	120.1	Pg	09:42:34.266	-0.2									m_e	
BUG	0.44	96.0	Pg	09:42:37.766	0.1					T__				m_e	ML 1.8
BUG	0.44	96.0	Sg	09:42:44.408	1.1					T__				m_e	

WTSB	0.50	16.9	Pg	09:42:39.401	0.7	T__											m_e	ML	1.9
WTSB	0.50	16.9	Sg	09:42:45.921	0.8	T__											m_e		
HOBG	0.70	136.1	Pg	09:42:42.512	0.1	---											m_e		
HGN	0.83	208.9	Pg	09:42:45.775	0.9	T__											m_e	ML	2.3
HGN	0.83	208.9	Sg	09:42:56.426	0.9	T__											m_e		
KLL	0.86	190.8	Pg	09:42:46.194	0.7	---											m_e		
STB	0.91	168.9	Pg	09:42:46.995	0.5	---											m_e		
STB	0.91	168.9	Sg	09:43:00.650	2.4	---							31.1	0.47			m_e		
MEM	0.95	201.9	Pg	09:42:47.398	0.3	T__											m_e		
MEM	0.95	201.9	Sg	09:43:02.303	2.9	T__											m_e		
AHRW	1.00	161.0	Pg	09:42:49.624	1.5	T__											m_e	ML	1.9
AHRW	1.00	161.0	Sg	09:43:03.108	2.0	T__											m_e		
IBBN	1.10	41.6	Sg	09:43:05.371	1.1	T__											m_e		
BGG	1.37	158.9	Pg	09:42:54.440	-0.7	---											m_e		
TNS	1.74	136.1	Pg	09:43:01.776	-0.3	T__											m_e		
WLF	1.84	188.3	Pg	09:43:05.078	1.1	T__											m_e	ML	2.3
WLF	1.84	188.3	Sg	09:43:26.691	-1.2	T__											m_e		

Event 11229005 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/29	19:40:21.85	0.78	1.11	51.3185	16.0820	5.2	4.5	096	0.0	0.0	23	11	036			m i sr	ZAMG	11229015
2011/12/29	19:40:19.86	0.36	0.73	51.4940	16.1390	4.4	2.2	017	1.0f		38	16	199	0.66	3.60	m i ki	BGR	11229005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.3	11 ZAMG	11229015
ML	3.4	0.3	16 BGR	11229005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.66	171.5	Pg	19:40:32.422	0.2					T__				m_e	ML 2.6
KSP	0.66	171.5	Sg	19:40:41.630	0.9					T__				m_e	
DPC	1.15	174.2	Pg	19:40:41.223	-0.3					T__				m_e	ML 3.4
DPC	1.15	174.2	Sg	19:40:57.343	1.0					T__				m_e	
BRG	1.51	246.6	Pn	19:40:46.408	-0.9					T__				m_e	ML 3.4
BRG	1.51	246.6	Pg	19:40:47.906	-0.4					T__				m_e	
BRG	1.51	246.6	Sg	19:41:08.351	0.5					T__				m_e	
FBE	1.84	252.9	Pn	19:40:51.362	-0.4					T__				m_e	ML 3.2
FBE	1.84	252.9	Pg	19:40:53.569	-0.9					T__				m_e	
FBE	1.84	252.9	Sg	19:41:18.480	0.3					T__				m_e	
MORC	1.93	152.1	Pn	19:40:52.854	-0.2					T__				m_e	ML 3.6
MORC	1.93	152.1	Sg	19:41:20.966	-0.3					T__				m_e	
CLL	1.97	265.8	Pn	19:40:52.579	-0.9					T__				m_e	ML 3.3
CLL	1.97	265.8	Sg	19:41:21.859	-0.4					T__				m_e	
OKC	2.09	141.7	Pn	19:40:55.051	-0.1					T__				m_e	ML 2.9
OKC	2.09	141.7	Pg	19:40:59.017	-0.2					T__				m_e	
OKC	2.09	141.7	Sg	19:41:25.562	-0.7					T__				m_e	
WERD	2.63	248.1	Pn	19:41:02.619	0.1					T__				m_e	ML 3.3
WERD	2.63	248.1	Pg	19:41:09.970	0.5					T__				m_e	
WERD	2.63	248.1	Sg	19:41:42.236	-1.2					T__				m_e	
OJC	2.64	117.5	Pg	19:41:08.704	-0.9					T__				m_e	ML 3.5
OJC	2.64	117.5	Sg	19:41:44.700	1.0					T__				m_e	

MANZ	2.96	241.0	Pn	19:41:07.465	0.5	T__	m_e	ML	3.6
MANZ	2.96	241.0	Pg	19:41:16.214	0.5	T__	m_e		
MANZ	2.96	241.0	Sg	19:41:55.237	1.3	T__	m_e		
MOX	2.97	255.1	Pn	19:41:07.714	0.7	T__	m_e	ML	3.7
MOX	2.97	255.1	Pg	19:41:15.218	-0.5	T__	m_e		
MOX	2.97	255.1	Sn	19:41:39.602	-1.3	T__	m_e		
MOX	2.97	255.1	Sg	19:41:55.622	1.5	T__	m_e		
ROTZ	3.03	236.8	Pn	19:41:08.242	0.3	T__	m_e	ML	3.3
ROTZ	3.03	236.8	Sg	19:41:55.620	-0.6	T__	m_e		
GEC2	3.07	211.5	Pn	19:41:08.774	0.3	T__	m_e	ML	3.4
GEC2	3.07	211.5	Sg	19:41:56.719	-0.8	T__	m_e		
WET	3.14	222.8	Pn	19:41:09.650	0.3	T__	m_e	ML	3.4
CLZ	3.59	277.8	Pn	19:41:16.411	0.9	T__	m_e	ML	3.6
CLZ	3.59	277.8	Sg	19:42:15.071	1.1	T__	m_e		
GRA1	3.60	241.9	Pn	19:41:16.573	0.9	T__	m_e	ML	4.0
GRA1	3.60	241.9	Sg	19:42:14.871	0.5	T__	m_e		

Event 11231001 Klingenthal, Kraslice/CR, Erzgebirge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2011/12/31	00:18:57.67	0.19		50.2410	12.4360	2.2	1.1	107	9.8	1.7	34	18	080	0.01	1.62	m i ke	BGR	11231011

Magnitude	Err	Nsta	Author	OrigID
ML	2.3	0.3	7 BGR	11231011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
NKC	0.01	136.1	Pg	00:18:59.374	0.0					T__				m_e		
NKC	0.01	136.1	Sg	00:19:00.358	-0.1					T__				m_e		
WERN	0.06	320.5	Pg	00:18:59.938	0.3					T__				m_e		
WERN	0.06	320.5	Sg	00:19:01.287	0.2					T__				m_e		
ROHR	0.08	265.2	Pg	00:19:00.004	0.1					T__				m_e		
ROHR	0.08	265.2	Sg	00:19:01.424	0.1					T__				m_e		
GUNZ	0.14	331.5	Pg	00:19:01.140	0.4					T__				m_e		
GUNZ	0.14	331.5	Sg	00:19:03.253	0.3					T__				m_e		
MULD	0.17	353.2	Pg	00:19:01.571	0.3					T__				m_e		
MULD	0.17	353.2	Sg	00:19:03.922	0.1					T__				m_e		
TRIB	0.22	300.3	Pg	00:19:02.441	0.3					T__				m_e		
TRIB	0.22	300.3	Sg	00:19:05.502	0.3					T__				m_e		
WERD	0.22	338.2	Pg	00:19:02.511	0.3					T__				m_e		
WERD	0.22	338.2	Sg	00:19:05.403	0.1					T__				m_e		
PLN	0.30	324.0	Pg	00:19:03.951	0.4					T__				m_e		
MANZ	0.33	219.6	Pg	00:19:04.250	0.1					T__				m_e		
MANZ	0.33	219.6	Sg	00:19:08.750	0.2					T__				m_e		
SCHF	0.44	357.3	Pg	00:19:06.392	0.3					T__				m_e	ML	2.7
SCHF	0.44	357.3	Sg	00:19:11.808	-0.0					T__				m_e		
ROTZ	0.50	197.3	Pg	00:19:07.241	0.1					T__				m_e		
ROTZ	0.50	197.3	Sg	00:19:13.761	0.1					T__				m_e		
MOX	0.66	308.0	Pg	00:19:10.583	0.4					T__				m_e	ML	1.9
MOX	0.66	308.0	Sg	00:19:19.635	0.8					T__				m_e		
FBE	0.90	40.2	Pg	00:19:14.916	0.3					T__				m_e	ML	2.1
FBE	0.90	40.2	Sg	00:19:26.338	0.1					T__				m_e		
GRA1	0.95	235.4	Pg	00:19:16.024	0.3					T__				m_e	ML	2.5

GRA1	0.95	235.4	Sg	00:19:28.625	0.5	T__	m_e		
CLL	1.13	18.3	Pg	00:19:18.930	-0.0	T__	m_e ML	2.4	
CLL	1.13	18.3	Sg	00:19:33.734	0.2	T__	m_e		
WET	1.13	165.2	Pg	00:19:18.783	-0.3	T__	m_e ML	2.2	
WET	1.13	165.2	Sg	00:19:33.789	0.0	T__	m_e		
BRG	1.15	56.0	Pg	00:19:19.408	0.1	T__	m_e ML	2.5	
BRG	1.15	56.0	Sg	00:19:34.680	0.5	T__	m_e		
GEC2	1.62	149.0	Pg	00:19:28.716	0.5	T__	m_e		

DATA_TYPE ARRIVAL: REVIEWED IMS1.0

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