

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 701009 Bourbonne, E of Langres/F

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/07/01	07:58:37.20	0.04	0.41	47.9895	5.6929	0.9	0.7	140	15.0	0.0	56	21	044			m i ke	LDG	701019
2010/07/01	07:58:38.11	1.36	0.37	47.9790	5.7640	12.2	5.6	067	10.0f		8	5	262	0.96	2.70	m i ke	BGR	701009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.6	0.0	3 LDG	701019
ML	2.5	0.2	19 LDG	701019
ML	1.9	0.2	4 BGR	701009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ECH	0.96	75.2	Pg	07:58:55.583	-0.7					T__				m_e	ML 1.6
ECH	0.96	75.2	Sg	07:59:08.554	-0.2					T__				m_e	
BALST	1.45	115.6	Pg	07:59:05.564	0.1					T__				m_e	ML 2.0
BALST	1.45	115.6	Sg	07:59:24.541	0.2					T__				m_e	
SULZ	1.64	105.0	Sg	07:59:30.740	0.4					T__				m_e	ML 2.1
BFO	1.75	77.5	Pg	07:59:11.399	0.3					T__				m_e	ML 1.9
BFO	1.75	77.5	Sg	07:59:33.935	0.2					T__				m_e	
AHRW	2.70	18.0	Sg	08:00:04.258	0.3					T__				m_e	

Event 705003 Hamm/Westfalen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/07/05	13:10:41.10	0.65	0.31	51.6550	7.5480				1.0f			8	303	0.48	1.47	m i ki	BNS	705033
2010/07/05	13:10:39.50	0.34	0.11	51.6560	7.6070				0.8	16.0		7	323			m i ki	GDNRW	705023
2010/07/05	13:10:40.94	0.30	0.77	51.6060	7.7140	3.3	3.3	133	1.0f		14	7	080	0.32	1.66	m i ki	BGR	705013
2010/07/05	13:10:39.40			51.6300	7.7180				1.0f				205	0.12	0.34	m i ki	BUG	705003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		BNS	705033
ML	2.4		GDNRW	705023
ML	2.3	0.1	5 BGR	705013
ML	2.2		BUG	705003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.12	31.0	Pg	13:10:43.200	1.4					T__				m__	ML 2.1
BAHL	0.12	31.0	Sg	13:10:45.900	2.5					T__				m__	
BUG	0.34	236.0	Pg	13:10:46.700	0.9					TA__				m_e	ML 2.2
BUG	0.34	236.0	Sg	13:10:52.000	1.9					TA__				m__	
ENTS	0.43	206.4	Pg	13:10:48.612	1.0					---				m_i	
ENTS	0.43	206.4	Sg	13:10:54.491	1.3					---				m_e	
HES	0.50	238.3	Pg	13:10:48.560	-0.2					---				m_e	
HES	0.50	238.3	Sg	13:10:55.360	0.2					---				m_e	
LAUG	0.56	240.2	Pg	13:10:50.230	0.3					---				m_e	
WTSB	0.66	301.0	Pg	13:10:53.210	1.4					---				m_e	
WTSB	0.66	301.0	Sg	13:11:02.941	2.6					---				m_e	
IBBN	0.68	2.1	Sg	13:11:04.017	3.1					---				m_e	ML 2.3

WET	4.85	10.8	Sn	18:12:56.637	-1.1															T__	m_e
GRA1	5.30	358.1	Sn	18:13:08.589	0.1															T__	m_e
GRA1	5.30	358.1	Sg	18:13:42.017	-0.7															T__	m_e

Event 705007 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/07/05	18:29:04.31	0.71	1.09	44.2780	11.4990	11.1	8.9	168	10.0f		18	10	290	2.99	4.96	m i ke	BGR	705037

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.2	4 BGR	705037

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	2.99	1.8	Pn	18:29:51.272	0.6					T__				m_e ML	3.4
WTTA	2.99	1.8	Sg	18:30:36.879	-2.4					T__				m_e	
KBA	3.08	24.1	Pn	18:29:51.069	-0.9					T__				m_e ML	2.8
OBKA	3.09	42.8	Pn	18:29:51.264	-0.9					T__				m_e ML	3.2
OBKA	3.09	42.8	Pg	18:30:03.385	0.8					T__				m_e	
OBKA	3.09	42.8	Sg	18:30:42.158	-0.4					T__				m_e	
DAVA	3.21	340.0	Pn	18:29:54.339	0.6					T__				m_e	
RJOB	3.57	14.1	Pn	18:29:59.141	0.5					T__				m_e ML	3.0
RJOB	3.57	14.1	Sn	18:30:39.440	1.5					T__				m_e	
MOA	4.05	27.3	Pn	18:30:04.630	-0.5					T__				m_e	
MOA	4.05	27.3	Sn	18:30:50.971	1.7					T__				m_e	
ARSA	4.09	41.9	Pn	18:30:04.397	-1.2					T__				m_e	
BFO	4.60	332.8	Pn	18:30:11.968	-0.7					T__				m_e	
BFO	4.60	332.8	Sn	18:31:02.338	0.2					T__				m_e	
GEC2	4.81	17.6	Pn	18:30:14.652	-0.8					T__				m_e	
GEC2	4.81	17.6	Sn	18:31:06.796	-0.2					T__				m_e	
WET	4.96	10.5	Pn	18:30:15.748	-1.7					T__				m_e	
WET	4.96	10.5	Sn	18:31:09.569	-0.9					T__				m_e	

Event 709002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/07/09	03:23:35.78	0.54	0.51	51.5120	15.9370	5.6	4.4	171	1.0f		25	16	262	1.40	3.47	m i ki	BGR	709032

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.4	10 BGR	709032

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.40	243.7	Pg	03:24:01.808	-0.4					T__	22.4			m_e ML	3.2
BRG	1.40	243.7	Sg	03:24:21.271	0.9					T__	9.0			m_e	
RUE	1.64	306.8	Sg	03:24:28.009	0.1					T__	4.8			m_e ML	3.2
FBE	1.72	250.9	Pg	03:24:07.620	-0.6					T__	10.0			m_e ML	2.3
FBE	1.72	250.9	Sg	03:24:30.892	0.4					T__	3.8			m_e	
CLL	1.84	264.8	Pn	03:24:06.549	-1.1					T__	17.9			m_e ML	3.1
CLL	1.84	264.8	Sg	03:24:34.424	0.1					T__	2.8			m_e	
TANN	2.45	244.7	Pn	03:24:15.720	-0.2					T__	22.3			m_e ML	3.5
TANN	2.45	244.7	Sg	03:24:53.400	-0.2					T__	8.3			m_e	

WERD	2.52	246.4	Sg	03:24:55.052	-0.8	T__	5.3	m_e	ML	3.1
GUNZ	2.55	244.6	Pn	03:24:17.726	0.5	T__	11.4	m_e	ML	3.4
GUNZ	2.55	244.6	Pg	03:24:24.104	0.4	T__	3.6	m_e		
GUNZ	2.55	244.6	Sg	03:24:56.327	-0.3	T__	7.9	m_e		
WERN	2.56	242.8	Pn	03:24:17.613	0.2	T__	14.2	m_e		
WERN	2.56	242.8	Pg	03:24:24.387	0.4	T__	2.6	m_e		
PLN	2.59	248.1	Sg	03:24:58.141	0.1	T__	5.7	m_e	ML	3.4
NEUB	2.62	265.0	Sg	03:24:59.602	0.7	T__	8.6	m_e	ML	3.9
MOX	2.85	254.0	Pn	03:24:21.339	-0.0	T__	5.5	m_e	ML	3.5
MOX	2.85	254.0	Sg	03:25:07.650	1.3	T__	4.2	m_e		
MANZ	2.86	239.3	Pn	03:24:21.431	-0.1	T__	6.2	m_e		
MANZ	2.86	239.3	Pg	03:24:30.173	0.4	T__	1.6	m_e		
ROTZ	2.94	235.0	Pn	03:24:22.502	-0.1	T__	7.6	m_e		
GEC2	3.03	209.1	Pn	03:24:23.821	0.1	T__	25.1	m_e		
WET	3.07	220.7	Pn	03:24:24.254	-0.1	T__	6.9	m_e		
CLZ	3.47	277.6	Pn	03:24:30.065	0.4	T__	4.1	m_e		

Event 709012 Imst/A, Western Mieminger Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/07/09	06:28:09.80	0.12	0.95	47.2538	10.7815	2.6	2.1	044	2.0	0.0	100	29	070			m i ke	LDG	709052
2010/07/09	06:28:09.40	0.90	0.56	47.2400	10.7900	10.0	6.0	333	10.0f		42	20	289	0.38	3.36	m i ke	LED	709042
2010/07/09	06:28:09.00			47.2400	10.7400											m i uk	SED	709032
2010/07/09	06:28:08.97	0.11	0.32	47.2518	10.7222	1.1	0.8	154	10.1	1.5	40	10	067			m i fe	ZAMG	709022
2010/07/09	06:28:10.57	0.20	0.93	47.2630	10.7550	3.3	2.2	174	10.0f		49	24	153	0.59	4.59	m i ke	BGR	709012

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.3	34 LDG	709052
ML	3.2	0.2	21 LED	709042
ML	3.0		SED	709032
ML	3.3	0.2	13 ZAMG	709022
ML	3.2	0.3	23 BGR	709012

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
OBER	0.34	294.9	P*	06:28:15.880						---				m__	ML 3.5
OBER	0.34	294.9	S*	06:28:21.850						---				m__	
DAVA	0.59	272.6	Pg	06:28:22.409	0.5					T__				m_e	ML 2.8
DAVA	0.59	272.6	Sg	06:28:29.824	0.2					T__				m_e	
WTTA	0.60	89.6	Pg	06:28:20.890	-1.1					T__				m_e	ML 2.7
WTTA	0.60	89.6	Sg	06:28:29.644	-0.1					T__				m_e	
UBR	0.60	313.9	P*	06:28:21.820						---				m__	ML 3.0
UBR	0.60	313.9	S*	06:28:31.460						---				m__	
LIENZ	0.86	272.7	P*	06:28:26.440						---				m__	ML 2.8
LIENZ	0.86	272.7	S*	06:28:39.010						---				m__	
PLONS	0.96	257.6	Pg	06:28:27.930	-0.8					T__				m_e	ML 2.9
PLONS	0.96	257.6	Sg	06:28:41.995	0.8					T__				m_e	
FUR	0.97	21.1	Pg	06:28:29.472	0.6					T__				m_e	ML 3.6
FUR	0.97	21.1	Sg	06:28:42.783	1.4					T__				m_e	

WILA	1.26	277.6	Pg	06:28:34.301	-0.1	T__	m_e	ML	3.6
WILA	1.26	277.6	Sg	06:28:51.114	0.4	T__	m_e		
SISB	1.28	289.9	P*	06:28:34.180		___	m__	ML	3.0
SISB	1.28	289.9	Pg	06:28:34.740	-0.1	___	m__		
SISB	1.28	289.9	Sg	06:28:51.810	0.4	___	m__		
GUT	1.37	306.8	P	06:28:34.980		___	m__	ML	3.1
GUT	1.37	306.8	Pg	06:28:36.030	-0.4	___	m__		
GUT	1.37	306.8	S	06:28:53.230		___	m__		
HDH	1.37	344.7	P	06:28:34.750		___	m__	ML	3.3
HDH	1.37	344.7	Pg	06:28:35.740	-0.7	___	m__		
HDH	1.37	344.7	S	06:28:53.010		___	m__		
RJOB	1.46	70.3	Pg	06:28:38.138	0.0	T__	m_e	ML	3.1
RJOB	1.46	70.3	Sg	06:28:59.899	2.9	T__	m_e		
BUCH	1.51	322.1	P	06:28:36.960		___	m__	ML	3.4
BUCH	1.51	322.1	Sg	06:28:59.100	0.3	___	m__		
SPAK	1.57	303.1	P	06:28:37.940		___	m__		
SPAK	1.57	303.1	S	06:28:57.700		___	m__		
SLE	1.61	289.1	Pn	06:28:38.373	0.1	T__	m_e	ML	3.3
SLE	1.61	289.1	Pg	06:28:40.206	-0.7	T__	m_e		
TUBL	1.69	318.9	P	06:28:39.710		___	m__	ML	2.9
TUBL	1.69	318.9	S	06:29:00.500		___	m__		
KBA	1.77	95.0	Pg	06:28:44.306	0.3	T__	m_e	ML	3.1
KBA	1.77	95.0	Sg	06:29:06.796	-0.1	T__	m_e		
SULZ	1.81	279.4	Pn	06:28:41.345	0.4	T__	m_e	ML	3.5
SULZ	1.81	279.4	Pg	06:28:44.801	0.1	T__	m_e		
STU	1.83	325.9	Pg	06:28:45.135	-0.0	T__	m_e	ML	3.2
LBG	1.92	317.6	P	06:28:42.450		___	m__	ML	3.2
LBG	1.92	317.6	S	06:29:05.310		___	m__		
BFO	1.95	304.1	Pn	06:28:42.954	0.1	T__	m_e	ML	3.0
BFO	1.95	304.1	Pg	06:28:46.702	-0.6	T__	m_e		
BFO	1.95	304.1	Sn	06:29:06.290	0.3	T__	m_e		
BFO	1.95	304.1	Sg	06:29:11.833	-0.7	T__	m_e		
FELD	1.95	289.3	P	06:28:43.010		___	m__		
FELD	1.95	289.3	Sg	06:29:12.110	-0.6	___	m__		
KIZ	2.03	291.0	P	06:28:44.160		___	m__	ML	3.3
KIZ	2.03	291.0	Pg	06:28:48.170	-0.8	___	m__		
KIZ	2.03	291.0	Sg	06:29:14.280	-1.0	___	m__		
BALST	2.08	273.1	Sn	06:29:09.811	0.8	T__	m_e	ML	3.2
BALST	2.08	273.1	Sg	06:29:16.106	-0.5	T__	m_e		
OPP	2.12	306.6	P	06:28:45.290		___	m__	ML	2.7
OPP	2.12	306.6	S	06:29:10.070		___	m__		
OPP	2.12	306.6	Sg	06:29:17.560	-0.4	___	m__		
SIND	2.22	340.3	P	06:28:46.290		___	m__	ML	3.4
SIND	2.22	340.3	Pg	06:28:52.030	-0.4	___	m__		
SIND	2.22	340.3	S	06:29:13.700		___	m__		
SIND	2.22	340.3	Sg	06:29:20.780	-0.4	___	m__		
WET	2.35	36.2	Pn	06:28:48.726	0.4	T__	m_e	ML	3.0
WET	2.35	36.2	Sg	06:29:23.664	-1.7	T__	m_e		
MOA	2.44	74.8	Sg	06:29:29.549	1.4	T__	m_e	ML	3.0
GRA1	2.45	7.1	Pg	06:28:56.926	0.2	T__	m_e	ML	3.4
GRA1	2.45	7.1	Sg	06:29:27.089	-1.3	T__	m_e		
GEC2	2.53	50.1	Pn	06:28:51.655	0.9	T__	m_e	ML	2.9
GEC2	2.53	50.1	Pg	06:28:57.112	-1.1	T__	m_e		
GEC2	2.53	50.1	Sg	06:29:30.514	-0.4	T__	m_e		

ECH	2.60	292.8	Sg	06:29:32.050	-1.1	---	m	ML	3.3
SWS	2.61	329.2	Pg	06:28:59.280	-0.4	---	m	ML	3.2
SWS	2.61	329.2	S	06:29:21.250		---	m		
SWS	2.61	329.2	Sg	06:29:33.620	0.2	---	m		
LANF	2.61	312.2	P	06:28:49.960		---	m		
OBKA	2.70	104.8	Pg	06:29:01.811	0.3	T	m_e	ML	3.0
OBKA	2.70	104.8	Sg	06:29:34.510	-1.9	T	m_e		
ARSA	3.24	88.5	Pg	06:29:10.181	-1.4	T	m_e		
TNS	3.33	333.6	Pn	06:29:02.514	0.9	T	m_e	ML	3.2
TNS	3.33	333.6	Sn	06:29:40.647	2.2	---	m_e		
TNS	3.33	333.6	Sg	06:29:56.418	0.1	T	m_e		
TANN	3.35	19.0	Pn	06:29:02.839	1.0	T	m_e	ML	3.4
TANN	3.35	19.0	Pg	06:29:14.707	1.1	T	m_e		
TANN	3.35	19.0	Sn	06:29:40.212	1.4	T	m_e		
TANN	3.35	19.0	Sg	06:29:56.095	-0.8	T	m_e		
MOX	3.43	9.2	Sn	06:29:42.157	1.4	---	m_e	ML	3.4
MOX	3.43	9.2	Sg	06:29:59.300	-0.2	T	m_e		
BRG	4.17	28.9	Sg	06:30:22.179	-0.9	T	m_e	ML	3.4
CLL	4.30	19.1	Sg	06:30:26.923	-0.3	T	m_e	ML	3.6
CLZ	4.59	357.0	Sg	06:30:35.918	-0.4	T	m_e	ML	3.7

Event 709013 Imst/A, Western Mieminger Mountains

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/07/09	12:11:32.70	0.06	0.64	47.2351	10.7542	1.4	1.1	001	2.0	0.0	56	19	048			m i ke	LDG	709033
2010/07/09	12:11:31.61	0.15	0.37	47.2593	10.7274	1.2	0.8	161	6.8	3.0	26	8	066			m i fe	ZAMG	709023
2010/07/09	12:11:33.32	0.24	1.01	47.2790	10.7330	3.3	2.2	168	10.0f		39	22	162	0.58	4.57	m i ke	BGR	709013

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9	0.3	21 LDG	709033
ML	2.8	0.4	11 ZAMG	709023
ML	2.7	0.3	15 BGR	709013

Effects _____ Loctyp Location Intensity Scale Author
Summar 4.0 EMS ZAMG

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DAVA	0.58	271.1	Pg	12:11:43.469	-0.9					T				m_e	ML 2.3
DAVA	0.58	271.1	Sg	12:11:53.021	1.1					T				m_e	
WTTA	0.61	91.1	Pg	12:11:43.672	-1.3					T				m_e	ML 2.2
WTTA	0.61	91.1	Sg	12:11:51.996	-1.0					T				m_e	
PLONS	0.95	256.4	Pg	12:11:50.443	-0.8					T				m_e	ML 2.4
PLONS	0.95	256.4	Sg	12:12:03.392	-0.2					T				m_e	
FUR	0.96	22.2	Pg	12:11:52.132	0.7					T				m_e	ML 3.2
FUR	0.96	22.2	Sg	12:12:05.442	1.6					T				m_e	
WILA	1.24	276.9	Pg	12:11:57.223	0.4					T				m_e	ML 3.2
WILA	1.24	276.9	Sg	12:12:13.727	0.8					T				m_e	
RJOB	1.47	71.0	Pg	12:12:00.926	-0.1					T				m_e	ML 2.7
RJOB	1.47	71.0	Sg	12:12:22.468	2.5					T				m_e	
SLE	1.59	288.7	Pn	12:12:00.912	0.2					T				m_e	ML 3.0
SLE	1.59	288.7	Sg	12:12:23.931	0.1					T				m_e	

KBA	1.79	95.5	Pg	12:12:06.857	-0.2	T__	m_e	ML	2.7
KBA	1.79	95.5	Sg	12:12:31.774	1.6	T__	m_e		
SULZ	1.79	279.0	Sg	12:12:30.099	-0.2	T__	m_e	ML	3.0
STU	1.81	326.0	Sg	12:12:30.212	-0.8	T__	m_e	ML	2.7
BFO	1.93	304.0	Pn	12:12:05.692	0.4	T__	m_e	ML	2.6
BFO	1.93	304.0	Pg	12:12:09.234	-0.4	T__	m_e		
BFO	1.93	304.0	Sg	12:12:34.777	0.2	T__	m_e		
BALST	2.06	272.7	Pg	12:12:11.376	-0.8	T__	m_e	ML	2.7
BALST	2.06	272.7	Sg	12:12:38.142	-0.7	T__	m_e		
WET	2.35	36.7	Pn	12:12:11.242	0.2	T__	m_e	ML	2.6
WET	2.35	36.7	Sg	12:12:46.325	-1.7	T__	m_e		
GRA1	2.43	7.5	Pg	12:12:19.168	-0.1	T__	m_e	ML	3.0
GRA1	2.43	7.5	Sg	12:12:50.039	-0.7	T__	m_e		
MOA	2.45	75.2	Sg	12:12:51.134	-0.1	T__	m_e	ML	2.6
GEC2	2.53	50.6	Pn	12:12:14.205	0.7	T__	m_e		
GEC2	2.53	50.6	Sg	12:12:53.204	-0.5	T__	m_e		
TNS	3.31	333.7	Pn	12:12:25.006	1.0	T__	m_e		
TNS	3.31	333.7	Sg	12:13:20.337	1.9	T__	m_e		
TANN	3.34	19.3	Sg	12:13:18.206	-1.1	T__	m_e		
MOX	3.42	9.4	Pn	12:12:25.221	-0.3	T__	m_e		
MOX	3.42	9.4	Sn	12:13:05.069	1.9	T__	m_e		
MOX	3.42	9.4	Sg	12:13:21.477	-0.4	T__	m_e		
BRG	4.16	29.1	Sg	12:13:43.805	-1.8	T__	m_e		
CLL	4.29	19.3	Sg	12:13:48.650	-1.0	T__	m_e		
CLZ	4.57	357.2	Sg	12:13:58.494	0.0	T__	m_e		

Event 712002 Hamm/Westfalen, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/07/12	01:46:02.20	0.10	0.50	51.6092	7.7655	2.1	1.6	143	1.0f		46	18	073			m i sr	LDG	712042
2010/07/12	01:46:03.10	0.60	0.31	51.6510	7.5980				1.0f			9	295	0.51	1.48	m i ki	BNS	712032
2010/07/12	01:46:02.70	0.31	0.21	51.6310	7.5610				1.0f			8	321			m i ki	GDNRW	712022
2010/07/12	01:46:03.90	0.29	0.94	51.5920	7.7140	5.6	4.4	118	1.0f	16	13	121	0.32	3.29	m i ki	BGR	712012	
2010/07/12	01:46:02.00			51.6200	7.6930				1.0f				201	0.14	0.32	m i ki	BUG	712002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.3	16 LDG	712042
ML	2.1		BNS	712032
ML	2.2		GDNRW	712022
ML	2.3	0.1	4 BGR	712012
ML	2.1		BUG	712002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BAHL	0.14	34.3	Pg	01:46:06.100	1.4					T__				m__	ML	1.8
BAHL	0.14	34.3	Sg	01:46:09.200	2.7					T__				m__		
BUG	0.32	235.9	Pg	01:46:09.000	1.0					TA__				m_e	ML	2.1
BUG	0.32	235.9	Sg	01:46:14.100	2.0					TA__				m__		
ENTS	0.42	205.0	Pg	01:46:11.052	1.2					___				m_e		
ENTS	0.42	205.0	Sg	01:46:16.578	1.3					___				m_e		
HES	0.48	238.3	Pg	01:46:10.970	-0.0					___				m_e		
LAUG	0.54	240.3	Pg	01:46:12.550	0.4					___				m_e		

FBE	1.81	252.1	Pn	15:43:44.317	-0.6	T__	4.9	m_e	ML	3.4
FBE	1.81	252.1	Sg	15:44:10.742	-0.1	T__	5.3	m_e		
CLL	1.93	265.2	Pn	15:43:45.685	-0.9	T__	4.4	m_e	ML	3.7
CLL	1.93	265.2	Sg	15:44:14.880	0.0	T__	4.5	m_e		
TANN	2.53	245.8	Pn	15:43:54.796	0.1	T__	14.0	m_e		
TANN	2.53	245.8	Pg	15:44:01.629	0.5	T__	6.5	m_e		
WERN	2.64	243.9	Pn	15:43:56.819	0.6	T__	16.9	m_e		
PLN	2.67	249.1	Pn	15:43:56.634	-0.0	T__	6.2	m_e		
MOX	2.93	254.6	Pg	15:44:08.442	-0.4	T__	5.6	m_e	ML	4.1
MOX	2.93	254.6	Sg	15:44:48.129	1.4	T__	8.3	m_e		
MANZ	2.94	240.4	Pn	15:44:00.552	0.3	T__	9.4	m_e	ML	3.9
MANZ	2.94	240.4	Sg	15:44:47.347	0.5	T__	4.7	m_e		
ROTZ	3.01	236.2	Pn	15:44:01.571	0.3	T__	13.1	m_e		
GEC2	3.07	210.7	Pn	15:44:02.927	0.9	T__	11.4	m_e	ML	3.9
GEC2	3.07	210.7	Sg	15:44:50.388	-0.6	T__	3.1	m_e		
WET	3.12	222.1	Pn	15:44:03.045	0.2	T__	4.9	m_e	ML	3.8
WET	3.12	222.1	Sg	15:44:52.169	-0.6	T__	1.8	m_e		
CLZ	3.55	277.6	Pn	15:44:09.386	0.7	T__	3.6	m_e		
GRA1	3.58	241.4	Pn	15:44:09.511	0.5	T__	4.0	m_e		
KOE	5.37	261.6	Pn	15:44:33.600	0.4	---		m_e		
BGG	5.67	260.1	Pn	15:44:37.700	0.4	---		m_e		
BGG	5.67	260.1	Sn	15:45:41.500	3.4	---	18.3	0.86	m_e	
LAUG	5.70	272.0	Pn	15:44:38.000	0.3	---			m_e	
STB	5.88	264.7	Pn	15:44:40.400	0.3	---			m_e	
HILG	6.05	262.1	Pn	15:44:43.200	0.7	---			m_e	
KLL	6.19	265.8	Pn	15:44:44.700	0.3	---			m_e	

Event 717005 Poland
Date 2010/07/17 Time 17:55:40.47 Err 1.00 RMS 1.08 Latitude 50.0390 Longitude 18.2280 Smaj 18.9 Smin 13.3 Az 150 Depth 1.0f Err Ndef 10 Nsta 7 Gap 317 mdist 2.85 Mdist 4.26 Qual m i ki Author BGR OrigID 717015

Magnitude 3.2 Err 0.2 Nsta 6 Author BGR OrigID 717015

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	2.85	288.6	Pg	17:56:32.610	-1.6					T__				m_e	ML 2.8
GEC2	3.18	249.7	Pn	17:56:31.399	0.9					T__				m_e	ML 3.2
GEC2	3.18	249.7	Pg	17:56:39.172	-1.1					T__				m_e	
GEC2	3.18	249.7	Sg	17:57:21.698	0.3					T__				m_e	
CLL	3.55	293.0	Pg	17:56:48.298	1.0					T__				m_e	ML 3.2
TANN	3.71	278.0	Pn	17:56:37.763	0.1					T__				m_e	ML 3.1
TANN	3.71	278.0	Pg	17:56:49.041	-1.3					T__				m_e	
NKC	3.71	275.2	Sg	17:57:39.600	1.3					T__				m_e	ML 3.4
GUNZ	3.79	277.2	Pn	17:56:39.987	1.2					T__				m_e	ML 3.2
MOX	4.26	280.7	Pn	17:56:45.358	0.2					T__				m_e	

Event 718009 France
Date Time Err RMS Latitude Longitude Smaj Smin Az Depth Err Ndef Nsta Gap mdist Mdist Qual Author OrigID

2010/07/18 01:45:19.30	0.39	0.11	46.5560	5.5800					2.0f		5 347	3.81	4.12	m i ke BNS	718029
2010/07/18 01:45:19.60	0.03	0.55	46.5625	5.4771	0.7	0.6	155	2.0	0.0	160	39 043			m i ke LDG	718019
2010/07/18 01:45:19.74	0.50	0.80	46.5830	5.4910	4.4	4.4	077	10.0f		39	18 289	1.68	5.97	m i ke BGR	718009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		BNS	718029
MD	3.4	0.1	4 LDG	718019
ML	3.4	0.4	55 LDG	718019
ML	3.2	0.2	15 BGR	718009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	1.68	62.6	Pn	01:45:48.419	-0.0					T__				m_e	ML 2.9
BALST	1.68	62.6	Pg	01:45:51.438	-0.1					T__				m_e	
BALST	1.68	62.6	Sg	01:46:12.707	-0.5					T__				m_e	
ECH	1.98	34.0	Pn	01:45:51.730	-0.8					T__				m_e	ML 3.0
ECH	1.98	34.0	Pg	01:45:56.833	-0.4					T__				m_e	
ECH	1.98	34.0	Sg	01:46:22.270	-0.6					T__				m_e	
SULZ	2.02	61.1	Pn	01:45:53.248	0.2					T__				m_e	ML 3.1
SULZ	2.02	61.1	Pg	01:45:58.266	0.4					T__				m_e	
SULZ	2.02	61.1	Sg	01:46:23.675	-0.3					T__				m_e	
SLE	2.36	58.8	Pn	01:45:57.116	-0.5					T__				m_e	ML 3.2
SLE	2.36	58.8	Pg	01:46:03.561	-0.7					T__				m_e	
SLE	2.36	58.8	Sg	01:46:33.478	-1.3					T__				m_e	
WILA	2.47	69.1	Pn	01:46:00.497	1.3					T__				m_e	ML 3.3
WILA	2.47	69.1	Pg	01:46:06.720	0.3					T__				m_e	
WILA	2.47	69.1	Sg	01:46:37.939	-0.4					T__				m_e	
BFO	2.60	46.7	Pn	01:45:59.879	-0.9					T__				m_e	ML 2.8
BFO	2.60	46.7	Pg	01:46:09.055	0.4					T__				m_e	
BFO	2.60	46.7	Sg	01:46:42.158	-0.1					T__				m_e	
PLONS	2.70	78.7	Pn	01:46:03.469	1.2					T__				m_e	ML 2.8
PLONS	2.70	78.7	Pg	01:46:10.594	-0.1					T__				m_e	
PLONS	2.70	78.7	Sg	01:46:45.782	0.1					T__				m_e	
WLF	3.11	7.9	Pg	01:46:18.063	-0.4					T__				m_e	ML 3.1
WLF	3.11	7.9	Sg	01:46:57.837	-0.8					T__				m_e	
LDAU	3.14	33.2	Sg	01:47:01.145	1.5					T__				m_e	
STU	3.32	47.4	Sg	01:47:07.039	1.9					T__				m_e	ML 3.4
HILG	3.79	11.6	Pn	01:46:17.900	0.9					---				m_e	
BGG	3.82	18.0	Pn	01:46:17.900	0.4					---				m_e	
AHRW	4.09	14.3	Sg	01:47:31.672	1.8					T__				m_e	ML 3.3
KLL	4.10	7.3	Pn	01:46:21.600	0.4					---				m_e	
STB	4.11	12.0	Pn	01:46:21.700	0.4					---				m_e	
STB	4.11	12.0	Sn	01:47:09.300	3.4					---		8.1	3.44	m_e	
KOE	4.12	20.3	Pn	01:46:22.000	0.5					---				m_e	
TNS	4.13	27.2	Pn	01:46:20.598	-1.1					T__				m_e	ML 3.4
TNS	4.13	27.2	Sg	01:47:31.101	-0.0					T__				m_e	
FUR	4.22	65.9	Pg	01:46:39.451	0.1					T__				m_e	ML 3.6
FUR	4.22	65.9	Sg	01:47:34.446	0.5					T__				m_e	
GRA1	4.93	48.8	Pg	01:46:52.263	-0.3					T__				m_e	ML 3.6
GRA1	4.93	48.8	Sg	01:47:56.464	0.2					T__				m_e	
UBBA	5.17	33.4	Sg	01:48:03.362	-0.8					T__				m_e	
WET	5.58	60.0	Pg	01:47:04.236	-0.6					T__				m_e	ML 3.2
WET	5.58	60.0	Sg	01:48:16.998	0.1					T__				m_e	
MOX	5.73	42.6	Sg	01:48:21.563	-0.3					T__				m_e	

GEC2	5.97	64.7	Pn	01:46:47.474	1.0	T__	m_e	ML	3.2
GEC2	5.97	64.7	Pg	01:47:12.224	0.0	T__	m_e		
GEC2	5.97	64.7	Sg	01:48:30.665	1.4	T__	m_e		

Event 719009 Glarus, Walenstadt/CH, Walensee

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/07/19	14:49:13.57	0.23	0.15	47.1511	9.2627	1.7	0.9	109	8.0	0.9	21	6	065			m i uk	ZAMG	719019
2010/07/19	14:49:14.89	1.39	1.09	47.0880	9.2780	25.6	5.6	024	10.0f		7	4	244	0.46	2.77	m i ke	BGR	719009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4	0.2	7 ZAMG	719019
ML	1.9	0.1	3 BGR	719009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DAVA	0.46	63.9	Pg	14:49:22.153	-1.5					T__				m_e	ML 1.8
DAVA	0.46	63.9	Sg	14:49:28.863	-0.8					T__				m_e	
BFO	1.40	333.2	Pg	14:49:41.301	0.0					T__				m_e	ML 1.8
BFO	1.40	333.2	Sg	14:49:59.826	0.5					T__				m_e	
WTTA	1.61	82.9	Pg	14:49:45.446	0.1					T__				m_e	ML 2.1
WTTA	1.61	82.9	Sg	14:50:08.497	2.3					T__				m_e	
KBA	2.77	88.7	Sg	14:50:42.586	-0.3					T__				m_e	

Event 724007 Northwestern Balkan Peninsula

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/07/24	16:46:03.50	0.15	0.35	46.6547	15.3496	1.1	1.0	160	9.1	1.1	38	8	072			m i fe	ZAMG	724017
2010/07/24	16:46:06.35	0.63	1.54	46.7370	15.2800	11.1	6.7	119	10.0f		16	11	228	0.54	4.17	m i ke	BGR	724007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.1	8 ZAMG	724017
ML	3.0	0.3	9 BGR	724007

Effects _____ Loctyp Location Intensity Scale Author
 _F_____ Summar 5.0 EMS ZAMG
 (Partly strongly felt. Few buildings with fissures in the plastering)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	0.54	17.8	Pg	16:46:15.715	-0.9					T__				m_e	
ARSA	0.54	17.8	Sg	16:46:22.517	-1.2					T__				m_e	
OBKA	0.55	245.9	Pg	16:46:15.094	-1.8					T__				m_e	
OBKA	0.55	245.9	Sg	16:46:22.562	-1.5					T__				m_e	
MOA	1.31	328.6	Pg	16:46:30.995	-0.1					T__				m_e	ML 2.6
MOA	1.31	328.6	Sg	16:46:50.846	2.9					T__				m_e	
KBA	1.37	285.2	Pg	16:46:32.200	0.1					T__				m_e	ML 2.5
KBA	1.37	285.2	Sg	16:46:50.069	0.2					T__				m_e	
GEC2	2.36	333.9	Pn	16:46:45.862	1.6					T__				m_e	ML 2.8
GEC2	2.36	333.9	Sg	16:47:19.789	-1.6					T__				m_e	

WTTA	2.54	283.3	Pn	16:46:49.597	2.9	T__	m_e	ML	2.9
WET	2.89	327.1	Pn	16:46:53.158	1.7	T__	m_e	ML	3.0
ROTZ	3.66	327.1	Pg	16:47:14.896	-0.4	T__	m_e	ML	3.3
NKC	3.97	332.8	Sg	16:48:12.894	0.5	T__	m_e	ML	3.6
TANN	4.12	334.2	Sg	16:48:16.284	-1.1	T__	m_e	ML	3.4
TRIB	4.17	331.2	Sg	16:48:17.272	-1.6	T__	m_e	ML	3.0

Event 727001 France

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/07/27	08:07:29.74	1.24	0.81	46.7270	5.6080	16.7	11.1	093	10.0f		7	5	304	2.44	5.30	m i ke	BGR	727011
2010/07/27	08:07:26.10	0.04	0.64	46.5783	5.4763	0.9	0.8	154	3.0f		149	40	044			m i ke	LDG	727001
#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.3	3 BGR	727011
MD	3.3	0.2	4 LDG	727001
ML	3.3	0.4	52 LDG	727001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	2.61	46.7	Pg	08:08:15.140	-0.1					---				m_e	ML 2.7
BFO	2.61	46.7	Sg	08:08:47.575	-1.3					---				m_e	
DAVA	3.09	75.1	Pg	08:08:24.140	-0.2					---				m_e	ML 2.9
DAVA	3.09	75.1	Sg	08:09:04.546	0.3					---				m_e	
TNS	4.14	27.3	Sg	08:09:36.003	-1.7					---				m_e	ML 3.4
WTTA	4.26	78.5	Pn	08:08:32.349	1.8					---				m_e	
KBA	5.40	81.8	Pn	08:08:48.206	2.1					---				m_e	

Event 727008 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/07/27	16:43:55.40	0.25	0.76	51.5923	6.5756	4.2	2.6	178	1.0f		20	7	267			m i sr	LDG	727048
2010/07/27	16:43:56.10	0.81	0.31	51.5370	6.5620				1.0f			5	294	0.30	0.96	m i ki	BNS	727038
2010/07/27	16:43:54.70	0.24	0.11	51.5530	6.5810				1.0f			7	272			m i ki	GDNRW	727028
2010/07/27	16:43:55.60	0.87	0.82	51.5470	6.4820	12.2	4.4	119	1.0f		9	6	220	0.50	2.43	m i ki	BGR	727018
2010/07/27	16:43:56.00			51.4950	6.6140				1.0f				210	0.03	0.41	m i ki	BUG	727008
#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
MD	2.8	1	LDG	727048
ML	2.9	0.4	7 LDG	727048
ML	2.1		BNS	727038
ML	2.1		GDNRW	727028
ML	2.5	0.2	5 BGR	727018
ML	2.3		BUG	727008

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
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BRHE	0.03	307.5	Pg	16:43:56.600	-0.1	T__												m__	ML	1.3
BRHE	0.03	307.5	Sg	16:43:57.800	0.7	T__												m__		
LAUG	0.25	124.9	Pg	16:44:01.830	1.1	---												m_e		
LAUG	0.25	124.9	Sg	16:44:06.380	2.4	---					147.8	0.79						m_e		
HES	0.30	115.5	Pg	16:44:01.940	0.4	---												m_e		
HES	0.30	115.5	Sg	16:44:06.840	1.4	---												m_e		
BUG	0.41	97.3	Pg	16:44:04.700	0.9	TA_												m_e	ML	2.3
BUG	0.41	97.3	Sg	16:44:11.100	2.0	TA_												m__		
JCK	0.47	194.1	Sg	16:44:12.678	1.6	---					151.1	0.22						m_e		
RWB	0.49	216.3	Pg	16:44:05.118	-0.1	---												m_e		
RWB	0.49	216.3	Sg	16:44:12.568	1.1	---					111.3	0.34						m_e		
HOBG	0.68	138.3	Pg	16:44:10.400	1.6	---												m_e		
GSH	0.77	191.1	Pg	16:44:10.756	0.2	---												m_e		
GSH	0.77	191.1	Sg	16:44:22.275	1.7	---					62.6	0.19						m_e		
WBS	0.81	148.4	Pg	16:44:11.654	0.4	---												m_e		
WBS	0.81	148.4	Sg	16:44:23.215	1.6	---					39.4	0.22						m_e		
DREG	0.87	196.2	Pg	16:44:13.020	0.7	---												m_e		
KLL	0.87	192.8	Pg	16:44:13.210	0.8	---												m_e		
STB	0.91	171.0	Pg	16:44:14.780	1.6	---												m_e		
STB	0.91	171.0	Sg	16:44:27.680	2.7	---					62.3	0.70						m_e		
TDN	0.94	167.1	Pg	16:44:14.162	0.4	---												m_e		
TDN	0.94	167.1	Sg	16:44:27.468	1.5	---					65.7	0.20						m_e		
AHRW	1.00	162.9	Pg	16:44:16.579	1.8	---												m_e	ML	2.2
AHRW	1.00	162.9	Sg	16:44:31.342	3.7	---												m_e		
OLFT	1.01	187.0	Pg	16:44:15.162	0.2	---												m_e		
OLFT	1.01	187.0	Sg	16:44:29.630	1.6	---												m_e		
IBBN	1.08	40.6	Sg	16:44:31.347	1.2	---												m_e	ML	2.6
TNS	1.72	137.0	Pg	16:44:29.313	0.9	---												m_e	ML	2.3
WLF	1.85	189.3	Pg	16:44:31.126	0.2	---												m_e	ML	2.5
WLF	1.85	189.3	Sg	16:44:55.023	0.1	---												m_e		
CLZ	2.36	80.1	Pg	16:44:40.748	0.3	---												m_e	ML	2.7

Event 730001 N of Haguenau/F, Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2010/07/30	01:56:13.60	0.68	0.21	48.8100	7.6680				8.0f				8 333	1.41	2.58	m i ke	BNS	730041
2010/07/30	01:56:12.70	0.04	0.82	48.8101	7.6853	1.0	0.8	147	10.0	0.0	179	40	025			m i ke	LDG	730031
2010/07/30	01:56:13.20			48.8000	7.7000				10.0							m i uk	SED	730021
2010/07/30	01:56:12.63	0.19	0.83	48.8220	7.7100	2.2	2.2	086	10.0f		38	28	067	0.17	4.21	m i ke	BGR	730011
2010/07/30	01:56:12.95	0.12	0.26	48.8040	7.7180	2.4	1.2	082	11.0	2.0	59	29	072	0.19	2.22	m i ke	LED	730001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9		BNS	730041
MD	3.6	0.2	3 LDG	730031
ML	3.6	0.4	45 LDG	730031
ML	3.2		SED	730021
ML	3.5	0.2	16 BGR	730011
ML	3.3	0.2	30 LED	730001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LANF	0.19	18.0	P*	01:56:17.020						T__				mci	

MOX	3.12	52.4	Pn	01:57:00.485	-0.5												m_e ML	3.4
PLN	3.33	58.0	Pg	01:57:13.863	-1.9												m_e ML	3.5
WET	3.40	82.3	Pg	01:57:16.781	-0.3												m_e ML	3.4
RJOB	3.54	105.6	Pn	01:57:08.944	2.2												m_e ML	3.5
NEUB	3.55	45.8	Pg	01:57:19.176	-0.6												m_e ML	4.0
FBE	4.20	57.6	Sg	01:58:24.918	-1.6												m_e ML	3.5
CLL	4.21	51.6	Sg	01:58:26.028	-0.9												m_e ML	3.8

Event 730002 Poland
Date 2010/07/30 Time 04:00:37.06 Err 0.39 RMS 1.00 Latitude 51.4180 Longitude 16.1000 Smaj 6.7 Smin 3.3 Az 015 Depth 1.0f Err Ndef 30 Nsta 16 Gap 197 mdist 0.59 Mdist 3.58 Qual m i ki Author BGR OrigID 730042

Magnitude Err Nsta Author OrigID
ML 3.2 0.3 14 BGR 730042

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.59	168.0	Pg	04:00:48.470	0.3					T__				m_e ML	2.6
KSP	0.59	168.0	Sg	04:00:55.892	0.2					T__				m_e	
DPC	1.08	172.4	Pg	04:00:57.256	-0.1					T__				m_e ML	3.4
DPC	1.08	172.4	Sg	04:01:11.928	0.7					T__				m_e	
BRG	1.46	248.9	Pn	04:01:02.868	-0.9					T__				m_e ML	3.0
BRG	1.46	248.9	Pg	04:01:04.358	-0.2					T__				m_e	
BRG	1.46	248.9	Sg	04:01:22.447	-1.0					T__				m_e	
FBE	1.79	255.0	Sg	04:01:33.676	-0.3					T__				m_e ML	2.9
MORC	1.88	150.3	Pn	04:01:08.998	-0.5					T__				m_e ML	3.5
CLL	1.94	267.9	Pn	04:01:09.260	-1.0					T__				m_e ML	3.1
CLL	1.94	267.9	Sg	04:01:37.150	-1.4					T__				m_e	
OKC	2.05	139.8	Pn	04:01:11.096	-0.6					T__				m_e ML	3.2
OKC	2.05	139.8	Pg	04:01:14.864	-0.7					T__				m_e	
OKC	2.05	139.8	Sg	04:01:40.847	-1.2					T__				m_e	
TANN	2.50	247.8	Pn	04:01:18.228	0.3					T__				m_e ML	3.3
TANN	2.50	247.8	Pg	04:01:23.548	-0.7					T__				m_e	
WERD	2.58	249.4	Pn	04:01:21.236	2.3					T__				m_e	
WERD	2.58	249.4	Pg	04:01:27.677	2.0					T__				m_e	
OJC	2.63	115.7	Pn	04:01:19.279	-0.3					T__				m_e ML	3.4
OJC	2.63	115.7	Sg	04:02:01.482	1.0					T__				m_e	
MANZ	2.90	242.0	Pn	04:01:23.797	0.4					T__				m_e ML	3.3
MANZ	2.90	242.0	Sg	04:02:11.636	2.3					T__				m_e	
MOX	2.92	256.4	Pn	04:01:22.860	-0.8					T__				m_e ML	3.5
MOX	2.92	256.4	Sg	04:02:10.448	0.5					T__				m_e	
ROTZ	2.97	237.8	Pn	04:01:24.627	0.3					T__				m_e ML	3.2
ROTZ	2.97	237.8	Sg	04:02:09.848	-1.6					T__				m_e	
WET	3.07	223.4	Pn	04:01:26.052	0.5					T__				m_e ML	3.2
GRA1	3.55	242.8	Pn	04:01:32.600	0.5					T__				m_e ML	3.7
GRA1	3.55	242.8	Sg	04:02:30.556	0.8					T__				m_e	
CLZ	3.58	279.0	Pn	04:01:33.144	0.6					T__				m_e	

Event 731004 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2010/07/31	08:49:04.50	0.14	0.24	51.5196	6.5722	2.3	1.9	026	1.0f		20	8	255			m i sr	LDG	731034	
2010/07/31	08:49:04.50	1.18	0.41	51.5190	6.5910				1.0f				5	292	0.28	0.94	m i ki	BNS	731024
2010/07/31	08:49:05.19	0.47	0.82	51.5010	6.6640	6.7	3.3	111	1.0f		11	8	158	0.38	2.32	m i ki	BGR	731014	
2010/07/31	08:49:03.70			51.4390	6.6000				1.0f					257	0.08	0.42	m i ki	BUG	731004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.3	10 LDG	731034
ML	1.7		BNS	731024
ML	2.1	0.2	6 BGR	731014
ML	1.7		BUG	731004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.08	346.8	Pg	08:49:04.700	-0.5					T__				m__	ML 1.1
BRHE	0.08	346.8	Sg	08:49:06.000	-0.2					T__				m__	
LAUG	0.23	112.2	Pg	08:49:09.620	1.5					__				m_e	
BUG	0.42	89.5	Pg	08:49:12.600	1.0					TA_				m_e	ML 1.7
BUG	0.42	89.5	Sg	08:49:19.000	2.0					TA_				m__	
WTSE	0.54	13.1	Sg	08:49:20.068	-0.8					__				m_e	
HOBG	0.65	134.5	Pg	08:49:18.400	2.5					__				m_e	
HGN	0.79	212.1	Sg	08:49:33.012	4.1					__				m_e	
DREG	0.81	196.7	Pg	08:49:20.940	2.0					__				m_e	
KLL	0.81	193.0	Pg	08:49:21.750	2.7					__				m_e	
STB	0.86	169.8	Pg	08:49:22.930	3.1					__				m_e	
STB	0.86	169.8	Sg	08:49:35.330	4.4					__		35.4	1.17	m_e	
AHRW	0.95	161.4	Pg	08:49:24.756	3.2					__				m_e	ML 1.9
AHRW	0.95	161.4	Sg	08:49:38.447	4.7					__				m_e	
IBBN	1.12	39.1	Sg	08:49:39.413	-0.0					__				m_e	ML 2.2
TNS	1.69	135.5	Pg	08:49:37.339	1.9					__				m_e	ML 2.1
TNS	1.69	135.5	Sg	08:49:58.960	1.7					__				m_e	
WLF	1.80	189.3	Sg	08:50:02.841	2.1					__				m_e	ML 2.3
CLZ	2.38	78.8	Pg	08:49:49.014	0.6					__				m_e	ML 2.2
CLZ	2.38	78.8	Sg	08:50:18.628	-0.5					__				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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