

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 90903008 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/03	04:38:10.48	0.97	0.76	44.6500	9.7850	13.3	7.8	032	10.0f		17	12	286	2.64	6.12	m i ke	BGR	90903008

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.1	3 BGR	90903008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DAVA	2.64	1.4	Pn	04:38:53.038	0.9					T__				m_e	
DAVA	2.64	1.4	Pg	04:39:00.711	0.5					T__				m_e	
OBER	2.78	7.1	Pn	04:38:54.761	0.7					T__				m_e	
WTTA	2.91	25.6	Pn	04:38:56.372	0.5					T__				m_e	
KBA	3.47	44.3	Pn	04:39:03.287	-0.1					T__				m_e ML	2.8
RJOB	3.72	32.9	Pn	04:39:07.087	0.2					T__				m_e	
BFO	3.81	345.3	Pn	04:39:07.890	-0.2					T__				m_e ML	3.1
BFO	3.81	345.3	Pg	04:39:20.845	-1.5					T__				m_e	
BFO	3.81	345.3	Sn	04:39:48.150	-1.6					T__				m_e	
OBKA	3.82	59.2	Pg	04:39:21.884	-0.5					T__				m_e ML	3.1
MOA	4.45	42.5	Pn	04:39:16.499	-0.2					T__				m_e	
GEC2	4.98	31.2	Pn	04:39:22.237	-1.6					T__				m_e	
GEC2	4.98	31.2	Sn	04:40:16.365	-0.8					T__				m_e	
GRA1	5.14	10.4	Sn	04:40:20.431	-0.4					T__				m_e	
TNS	5.65	351.3	Pn	04:39:32.272	-0.6					T__				m_e	
TNS	5.65	351.3	Sn	04:40:32.989	0.2					T__				m_e	
MOX	6.12	11.0	Sn	04:40:43.488	-0.5					T__				m_e	

Event 90904009 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/04	21:36:15.50	0.14	0.28	51.5703	6.5599	2.4	1.7	165	1.0f		28	10	263			m i sr	LDG	90904049
2009/09/04	21:36:15.50	0.62	0.21	51.5580	6.5910				1.0f			4	320			m i ki	GDNRW	90904039
2009/09/04	21:36:15.50	0.87	0.31	51.5600	6.4990				1.0f			10	281	0.35	1.45	m i ki	BNS	90904029
2009/09/04	21:36:16.95	0.26	0.87	51.5290	6.5910	4.4	3.3	096	1.0f		16	9	082	0.43	2.36	m i ki	BGR	90904019
2009/09/04	21:36:15.70			51.5400	6.5940				1.0f				252	0.03	0.43	m i ki	BUG	90904009

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.3	12 LDG	90904049
ML	1.6		GDNRW	90904039
ML	1.9		BNS	90904029
ML	2.1	0.2	4 BGR	90904019
ML	1.9		BUG	90904009

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.03	210.2	Pg	21:36:16.400	0.1					T__				m__ ML	1.9
BRHE	0.03	210.2	Sg	21:36:18.200	1.6					T__				m__	
LAUG	0.29	130.8	Pg	21:36:21.930	0.8					---				m_e	
LAUG	0.29	130.8	Sg	21:36:27.020	2.1					---				m_e	
BUG	0.43	103.0	Pg	21:36:24.800	0.9					TA_				mde ML	1.9

Station	Time	Phase	Mag	Dist	Depth	TA	ML	1.9	2.2	2.4
BUG	0.43	103.0	Sg	21:36:31.400	2.0	---	m_			
WTSB	0.44	16.5	Pg	21:36:25.454	1.4	---	m_e			
WTSB	0.44	16.5	Sg	21:36:30.690	0.9	---	m_e			
OPLO	0.45	278.9	Pg	21:36:25.583	1.3	---	m_e			
OPLO	0.45	278.9	Sg	21:36:32.245	2.1	---	m_e			
RODG	0.47	213.3	Pg	21:36:24.330	-0.3	---	m_e			
RODG	0.47	213.3	Sg	21:36:31.440	0.7	---	m_e			
BNS	0.68	147.5	Pg	21:36:29.570	1.0	---	m_e			
HOBG	0.72	140.0	Pg	21:36:30.360	1.0	---	m_e			
HOBG	0.72	140.0	Sg	21:36:41.670	3.0	---	m_e			
GSH	0.82	189.6	Pg	21:36:32.005	0.9	---	m_e			
GSH	0.82	189.6	Sg	21:36:43.168	1.6	---	m_e	23.9	0.11	
WBS	0.85	149.2	Sg	21:36:44.223	1.5	---	m_e	19.6	0.18	
HGN	0.88	208.4	Pg	21:36:32.023	-0.3	---	m_e			
HGN	0.88	208.4	Sg	21:36:44.171	0.5	---	m_e			
DREG	0.91	194.6	Pg	21:36:32.590	-0.2	---	m_e			
DREG	0.91	194.6	Sg	21:36:45.540	1.1	---	m_e	31.5	0.33	
KLL	0.91	191.4	Pg	21:36:32.700	-0.2	---	m_e			
KLL	0.91	191.4	Sg	21:36:45.650	1.0	---	m_e	27.5	0.28	
STB	0.96	170.6	Pg	21:36:34.750	1.0	---	m_e			
STB	0.96	170.6	Sg	21:36:48.360	2.2	---	m_e	39.9	0.37	
AHRW	1.04	162.9	Pg	21:36:36.340	1.0	---	m_e			1.9
AHRW	1.04	162.9	Sg	21:36:51.263	2.4	---	m_e			
OLFT	1.05	186.0	Pg	21:36:35.863	0.3	---	m_e			
OLFT	1.05	186.0	Sg	21:36:50.539	1.4	---	m_e	6.8	0.13	
HILG	1.25	177.5	Pg	21:36:39.170	-0.1	---	m_e			
HILG	1.25	177.5	Sg	21:36:56.330	0.9	---	m_e			
WIT	1.27	2.1	Sg	21:36:58.221	2.0	---	m_e			
KOE	1.32	146.8	Pg	21:36:40.560	-0.1	---	m_e			
BGG	1.41	160.3	Pg	21:36:41.670	-0.7	---	m_e			
TNS	1.76	137.7	Pn	21:36:48.477	1.9	---	m_e	1.4		2.2
TNS	1.76	137.7	Pg	21:36:49.350	0.5	---	m_e			
WLF	1.90	188.7	Pn	21:36:51.022	2.7	---	m_e	3.0		
WLF	1.90	188.7	Sg	21:37:15.557	-0.4	---	m_e			
CLZ	2.36	81.2	Pg	21:37:01.173	1.0	---	m_e			2.4

Event 90905001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/05	01:59:20.91	0.38	0.58	51.5550	16.0440	4.4	2.2	012	1.0f		35	17	214	0.73	3.58	m i ki	BGR	90905011

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.3	17 BGR	90905011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.73	167.5	Pg	01:59:34.844	0.2					T_				m_e	ML 2.5
KSP	0.73	167.5	Sg	01:59:44.944	0.9					T_				m_e	
DPC	1.22	171.6	Pg	01:59:43.558	-0.3					T_				m_e	ML 3.0
DPC	1.22	171.6	Sg	01:59:59.699	0.1					T_				m_e	
BRG	1.48	243.4	Pn	01:59:47.138	-0.8					T_	50.7			m_e	ML 2.9
BRG	1.48	243.4	Pg	01:59:48.880	0.0					T_	2.3			m_e	
BRG	1.48	243.4	Sg	02:00:08.515	0.5					T_				m_e	

PRU	1.83	211.8	Pn	01:59:52.608	-0.1	T__	30.7	m_e	ML	2.6
PRU	1.83	211.8	Sg	02:00:18.881	-0.2	T__		m_e		
CLL	1.91	263.8	Pn	01:59:53.184	-0.6	T__	33.4	m_e	ML	2.7
CLL	1.91	263.8	Pg	01:59:56.000	-0.9	---		m_e		
CLL	1.91	263.8	Sg	02:00:21.672	0.0	T__		m_e		
MORC	2.02	151.3	Pn	01:59:55.258	0.1	T__	19.2	m_e	ML	2.7
MORC	2.02	151.3	Sg	02:00:24.116	-0.8	T__		m_e		
OKC	2.17	141.4	Pn	01:59:56.927	-0.4	T__	20.6	m_e	ML	3.1
OKC	2.17	141.4	Pg	02:00:01.206	-0.7	T__	2.8	m_e		
OKC	2.17	141.4	Sg	02:00:29.968	0.0	T__		m_e		
TANN	2.53	244.6	Pn	02:00:02.503	0.4	T__	16.3	m_e	ML	3.0
TANN	2.53	244.6	Sg	02:00:40.854	-0.3	T__		m_e		
WERD	2.60	246.2	Pn	02:00:03.196	0.1	T__	13.7	m_e	ML	3.0
WERD	2.60	246.2	Pg	02:00:09.477	-0.4	T__	6.5	m_e		
WERD	2.60	246.2	Sg	02:00:43.079	-0.4	T__		m_e		
OJC	2.72	118.0	Pn	02:00:03.252	-1.5	T__	3.2	m_e	ML	3.2
OJC	2.72	118.0	Pg	02:00:12.055	-0.1	T__	1.8	m_e		
OJC	2.72	118.0	Sg	02:00:48.672	1.4	T__		m_e		
KHC	2.89	213.9	Pn	02:00:07.377	0.3	T__	12.8	m_e	ML	2.9
MOX	2.93	253.6	Pn	02:00:07.482	-0.0	T__	6.1	m_e	ML	3.3
MOX	2.93	253.6	Pg	02:00:16.054	0.0	T__	2.5	m_e		
MOX	2.93	253.6	Sg	02:00:54.603	0.8	T__		m_e		
MANZ	2.94	239.3	Pn	02:00:08.354	0.6	T__	11.2	m_e	ML	3.2
MANZ	2.94	239.3	Sg	02:00:54.633	0.3	T__		m_e		
ROTZ	3.02	235.2	Pn	02:00:09.394	0.6	T__	21.4	m_e	ML	3.0
GEC2	3.10	209.9	Pn	02:00:09.878	0.0	T__	11.3	m_e	ML	3.2
WET	3.14	221.2	Pn	02:00:11.080	0.6	T__	8.8	m_e	ML	3.1
GRA1	3.58	240.5	Pn	02:00:17.529	1.1	T__	3.0	m_e	ML	3.6
GRA1	3.58	240.5	Sg	02:01:14.580	-0.1	T__		m_e		

Event 90905003 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/05	09:30:26.50	0.10	0.70	51.5566	6.6529	2.1	1.6	151	1.0f		83	29	098			m i sr	LDG	90905043
2009/09/05	09:30:27.80	0.86	0.31	51.4800	6.5780				1.1	7.6		9	263	0.26	1.36	m i ki	BNS	90905033
2009/09/05	09:30:27.10	0.44	0.11	51.5040	6.5900				1.0f			11	245			m i ki	GDNRW	90905023
2009/09/05	09:30:28.53	0.22	0.83	51.4740	6.6330	3.3	2.2	126	1.0f		27	16	075	0.40	3.82	m i ki	BGR	90905013
2009/09/05	09:30:26.40			51.5030	6.5470				1.0f				312	0.02	0.45	m i ki	BUG	90905003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.7	0.3	2 LDG	90905043
ML	3.6	0.3	29 LDG	90905043
ML	2.9		BNS	90905033
ML	2.7		GDNRW	90905023
ML	3.1	0.2	11 BGR	90905013
ML	3.0		BUG	90905003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.02	50.2	Pg	09:30:27.900	1.1					T__				m__	ML 2.5
BRHE	0.02	50.2	Sg	09:30:28.700	1.6					T__				m__	
LAUG	0.29	121.4	Pg	09:30:32.860	1.0					---				m_e	

LAUG	0.29	121.4	Sg	09:30:36.940	1.3	---	---	---	m_e		
RODG	0.43	212.7	Pg	09:30:36.100	1.7	---	---	---	m_e		
RODG	0.43	212.7	Sg	09:30:42.140	2.2	---	---	1533.2	0.53	m_e	
OPLO	0.43	284.3	Pg	09:30:37.793	3.3	---	3.6	---	---	m_e	
OPLO	0.43	284.3	Sg	09:30:45.161	5.0	---	---	---	---	m_e	
BUG	0.45	97.6	Pg	09:30:35.900	0.9	---	---	---	---	m_e	
BUG	0.45	97.6	Sg	09:30:42.900	2.1	---	---	---	---	m_e	
RWB	0.47	211.6	Sg	09:30:43.863	2.5	---	---	794.6	0.18	m_e	
JCK	0.47	188.9	Pg	09:30:36.612	1.3	---	---	---	---	m_e	
JCK	0.47	188.9	Sg	09:30:43.515	2.1	---	---	1253.5	0.18	m_e	
WTSB	0.49	18.5	Pg	09:30:37.356	1.7	---	14.5	---	---	m_e	
WTSB	0.49	18.5	Sg	09:30:44.628	2.7	---	---	---	---	m_e	
PLH	0.53	161.0	Pg	09:30:37.486	1.1	---	---	---	---	m_e	
PLH	0.53	161.0	Sg	09:30:44.590	1.4	---	---	1071.4	0.22	m_e	
ENTS	0.60	115.5	Pg	09:30:38.651	1.0	---	---	---	---	m_e	
ENTS	0.60	115.5	Sg	09:30:46.720	1.3	---	---	---	---	m_e	
BNS	0.67	143.6	Pg	09:30:40.210	1.2	---	---	---	---	m_e	
BNS	0.67	143.6	Sg	09:30:49.580	2.0	---	---	---	---	m_i	
HOBG	0.72	136.2	Pg	09:30:41.240	1.3	---	---	---	---	m_e	
HOBG	0.72	136.2	Sg	09:30:50.900	1.8	---	---	705.8	0.43	m_e	
GSH	0.77	187.9	Pg	09:30:42.236	1.2	---	---	---	---	m_e	
GSH	0.77	187.9	Sg	09:30:52.946	1.9	---	---	196.6	0.17	m_e	
HGN	0.83	207.8	Pg	09:30:43.449	1.3	---	17.0	---	---	m_e	
HGN	0.83	207.8	Sg	09:30:55.179	2.3	---	---	---	---	m_e	
WBS	0.84	146.2	Sg	09:30:54.381	1.4	---	---	339.9	0.17	m_e	
DREG	0.86	193.3	Pg	09:30:43.860	1.2	---	---	---	---	m_e	
DREG	0.86	193.3	Sg	09:30:56.240	2.4	---	---	319.5	0.26	m_e	
KLL	0.87	189.9	Pg	09:30:43.940	1.2	---	---	---	---	m_e	
KLL	0.87	189.9	Sg	09:30:56.190	2.2	---	---	413.4	0.47	m_e	
SORT	0.90	99.2	Pg	09:30:44.014	0.6	---	---	---	---	m_e	
SORT	0.90	99.2	Sg	09:30:56.043	1.0	---	---	---	---	m_e	
STB	0.93	168.4	Pg	09:30:45.640	1.8	---	---	---	---	m_e	
STB	0.93	168.4	Sg	09:30:57.670	1.8	---	---	385.4	0.42	m_e	
TDN	0.96	164.8	Sg	09:30:58.449	1.5	---	---	153.8	0.14	m_e	
OLF7	1.01	184.6	Pg	09:30:46.612	1.1	---	---	---	---	m_e	
OLF7	1.01	184.6	Sg	09:31:00.325	1.8	---	---	60.9	0.21	m_e	
AHRW	1.02	160.7	Pg	09:30:47.263	1.7	---	53.2	---	---	m_e	ML 2.7
AHRW	1.02	160.7	Sg	09:31:01.188	2.5	---	---	---	---	m_e	
IBBN	1.10	42.5	Pg	09:30:48.759	1.7	---	5.5	---	---	m_e	ML 3.0
IBBN	1.10	42.5	Sg	09:31:03.530	2.3	---	---	---	---	m_e	
HILG	1.21	176.0	Pg	09:30:50.390	1.1	---	---	---	---	m_e	
HILG	1.21	176.0	Sg	09:31:06.760	1.8	---	---	---	---	m_e	
BHE	1.22	160.6	Pg	09:30:50.487	1.1	---	---	---	---	m_e	
WIT	1.31	3.2	Pg	09:30:54.231	3.1	---	1.8	---	---	m_e	
LOH	1.32	180.3	Pg	09:30:52.006	0.7	---	---	---	---	m_e	
LOH	1.32	180.3	Sg	09:31:09.942	1.6	---	---	175.5	0.25	m_e	
BGG	1.39	158.7	Pg	09:30:53.100	0.5	---	---	---	---	m_e	
BGG	1.39	158.7	Sg	09:31:10.590	0.0	---	---	---	---	m_e	
TNS	1.75	136.1	Pn	09:30:57.849	0.7	---	4.9	---	---	m_e	ML 3.1
WLF	1.86	187.9	Pn	09:31:00.794	2.3	---	1.7	---	---	m_e	ML 3.3
WLF	1.86	187.9	Sg	09:31:25.311	-0.0	---	---	---	---	m_e	
GTTG	2.13	87.5	Pg	09:31:06.283	-0.2	---	3.4	---	---	m_e	ML 3.3
GTTG	2.13	87.5	Sg	09:31:34.461	0.5	---	---	---	---	m_e	
CLZ	2.40	80.4	Pn	09:31:06.318	0.5	---	1.7	---	---	m_e	ML 3.2

CLZ	2.40	80.4	Pg	09:31:11.748	0.2	---	13.2	m_e	
MOX	3.30	103.1	Pn	09:31:19.774	1.7	---	2.9	m_e ML	3.2
MOX	3.30	103.1	Sg	09:32:10.863	-0.3	---		m_e	
ECH	3.31	172.9	Pn	09:31:19.318	1.1	---	4.1	m_e	
BFO	3.37	159.4	Pn	09:31:20.521	1.4	---	12.5	m_e ML	3.2
GRA1	3.48	119.6	Pn	09:31:22.517	2.0	---	1.9	m_e ML	3.5
GRA1	3.48	119.6	Pg	09:31:33.598	1.7	---	3.6	m_e	
TANN	3.88	104.0	Pn	09:31:27.888	1.9	---	3.2	m_e ML	3.2
CLL	4.03	90.2	Pg	09:31:42.000	-0.4	---		m_e	
CLL	4.03	90.2	Sg	09:32:32.000	-2.4	---		m_e	

Event 90905004 Bleicherode, S Harz Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/05	17:35:12.31	0.22	0.41	51.4430	10.6260	2.2	1.1	048	1.0f		35	20	072	0.42	1.79	m i ki	BGR	90905014

Magnitude	Err	Nsta	Author	OrigID
ML	2.0	0.3	13 BGR	90905014

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GTTG	0.42	284.2	Pg	17:35:20.168	-0.1					T_	2.8			m_e ML	2.0
GTTG	0.42	284.2	Sg	17:35:26.085	0.3					T_				m_e	
CLZ	0.43	338.6	Pg	17:35:20.111	-0.3					T_	8.6			m_e ML	1.7
CLZ	0.43	338.6	Sg	17:35:26.022	0.1					T_				m_e	
WIMM	0.55	81.5	Pg	17:35:22.643	-0.1					T_	2.5			m_e ML	1.5
WIMM	0.55	81.5	Sg	17:35:29.698	-0.2					T_				m_e	
UBBA	0.74	212.4	Pg	17:35:25.577	-0.6					T_	4.1			m_e ML	1.4
UBBA	0.74	212.4	Sg	17:35:35.600	-0.1					T_				m_e	
TAUT	0.82	123.7	Pg	17:35:28.461	0.7					T_	2.9			m_e	
TAUT	0.82	123.7	Sg	17:35:38.550	0.1					T_				m_e	
FLT1	0.96	22.8	Pg	17:35:30.166	-0.3					T_	2.1			m_e ML	2.0
FLT1	0.96	22.8	Sg	17:35:43.574	0.6					T_				m_e	
SCHD	0.98	157.7	Pg	17:35:30.567	-0.2					T_	8.4			m_e	
SCHD	0.98	157.7	Sg	17:35:43.835	0.4					T_				m_e	
MOX	1.01	141.7	Pg	17:35:31.576	0.2					T_	8.1			m_e ML	2.0
MOX	1.01	141.7	Sg	17:35:45.422	1.0					T_				m_e	
HKWD	1.20	120.1	Pg	17:35:35.004	0.1					T_	6.1			m_e	
HKWD	1.20	120.1	Sg	17:35:50.380	-0.0					T_				m_e	
LEIN	1.26	112.7	Pg	17:35:36.106	0.1					T_	4.5			m_e ML	2.3
LEIN	1.26	112.7	Sg	17:35:52.278	-0.0					T_				m_e	
SCHF	1.35	123.7	Sg	17:35:55.175	-0.2					T_				m_e ML	2.2
PLN	1.36	134.2	Pn	17:35:37.386	-0.3					T_	2.3			m_e	
PLN	1.36	134.2	Sg	17:35:54.638	-0.9					T_				m_e	
TRIB	1.45	138.3	Pn	17:35:39.071	0.2					T_	2.2			m_e	
WERD	1.45	132.6	Pn	17:35:38.475	-0.5					T_	7.5			m_e ML	1.9
WERD	1.45	132.6	Sg	17:35:58.723	0.3					T_				m_e	
CLL	1.49	94.3	Pn	17:35:39.964	0.5					T_	3.5			m_e ML	2.2
MULD	1.52	131.9	Pn	17:35:40.602	0.7					T_	4.5			m_e	
MULD	1.52	131.9	Sg	17:36:00.486	-0.2					T_				m_e	
GUNZ	1.52	134.4	Pn	17:35:40.164	0.3					T_	3.7			m_e ML	2.2
GUNZ	1.52	134.4	Sg	17:36:00.537	-0.2					T_				m_e	
TANN	1.55	130.9	Pn	17:35:39.685	-0.6					T_	5.7			m_e ML	2.0

TANN	1.55	130.9	Sg	17:36:01.248	-0.2														T__	m_e
GRA1	1.79	167.6	Sg	17:36:09.742	0.5														T__	m_e ML 2.2

Event 90908013 Donaueschingen/Eastern Black Forest

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/08	14:36:19.40	0.21	0.38	47.9021	8.7566	3.5	1.8	124	10.0	0.0	12	5	229			m i ke	LDG	90908043
2009/09/08	14:36:19.70	0.85	0.51	47.9564	8.6761	4.7	3.9	112	6.0	0.0	10	3	038			m i uk	ZAMG	90908033
2009/09/08	14:36:19.10			47.9000	8.7000				7.0							m i uk	SED	90908023
2009/09/08	14:36:21.19	0.54	0.63	47.9350	8.6410	6.7	4.4	010	0.0f		7	5	172	0.45	2.44	m i km	BGR	90908013

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.3	1	LDG	90908043
ML	2.7	0.2	6 LDG	90908043
ML	2.3	0.3	3 ZAMG	90908033
ML	2.2		SED	90908023
ML	1.9	0.2	3 BGR	90908013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.45	332.4	Pg	14:36:28.934	-0.7					T__				m_e ML	1.8
BFO	0.45	332.4	Sg	14:36:35.658	0.3					T__				m_e	
STU	0.91	23.5	Sg	14:36:51.354	1.2					T__				m_e ML	2.2
ECH	1.03	286.4	Pg	14:36:40.433	-0.2					T__				m_e	
ECH	1.03	286.4	Sg	14:36:54.646	0.7					T__				m_e	
OBER	1.23	114.8	Sg	14:37:00.726	0.4					T__				m_e ML	1.8
GRA1	2.44	43.1	Sg	14:37:38.251	-0.6					T__				m_e	

Event 90909006 N of Bischofshofen/A, Tennengebirge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/09	11:10:30.87	0.42	1.47	47.5913	13.2877	2.8	2.4	087	0.0	0.0	11	3	111			m i sm	ZAMG	90909016
2009/09/09	11:10:32.70	0.37	1.30	47.5700	13.2270	6.7	5.6	149	0.0f		11	8	103	0.34	2.01	m i km	BGR	90909006

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1	0.3	3 ZAMG	90909016
ML	1.6	0.3	5 BGR	90909006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RJOB	0.34	300.1	Pg	11:10:36.820	-2.2					T__	4.5			m_e ML	1.4
KBA	0.50	170.7	Pg	11:10:40.822	-1.3					T__	4.2			m_e ML	1.2
MOA	0.75	67.8	Pg	11:10:46.656	-0.2					T__	2.4			m_e	
MOA	0.75	67.8	Sg	11:10:57.391	0.8					T__				m_e	
WTTA	1.12	254.7	Pg	11:10:55.023	1.2					T__	3.9			m_e ML	1.9
WTTA	1.12	254.7	Sg	11:11:10.560	2.3					T__				m_e	
GEC2	1.31	13.8	Pn	11:10:56.778	-0.8					T__	7.8			m_e ML	1.9
GEC2	1.31	13.8	Sg	11:11:16.077	1.6					T__				m_e	
WET	1.59	351.8	Sg	11:11:23.175	-0.1					T__				m_e ML	1.9
OBER	1.99	266.4	Sg	11:11:35.894	0.0					T__				m_e	

GRB3 2.01 332.6 Sg 11:11:35.220 -1.3

T__

m_e

Event 90910001 Bad Ems, E of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/10	12:36:22.00	0.04	0.55	50.3711	7.7313	0.9	0.9	021	3.0f		93	19	047			m i ke	LDG	90910041
2009/09/10	12:36:22.20	0.30	0.48	50.3600	7.7300	4.0	3.0	020	5.0f		16	9	174	0.45	2.79	m i ke	LED	90910031
2009/09/10	12:36:22.50	0.62	0.21	50.3930	7.6930				15.3	4.0		10	244			m i ke	GDNRW	90910021
2009/09/10	12:36:21.94	0.17	1.00	50.3860	7.7530	3.3	2.2	021	10.0f		41	23	053	0.46	4.15	m i ke	BGR	90910011
2009/09/10	12:36:22.30	1.11	0.41	50.3840	7.7170				2.1	12.5		11	221	0.04	1.08	m i ke	BNS	90910001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.5	0.1	4 LDG	90910041
ML	3.5	0.3	28 LDG	90910041
ML	2.9	0.1	12 LED	90910031
ML	2.7		GDNRW	90910021
ML	3.0	0.2	16 BGR	90910011
ML	2.7		BNS	90910001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KOE	0.04	12.8	Pg	12:36:23.010	-0.2					T__					m_e
KOE	0.04	12.8	Sg	12:36:23.820	0.0					T__					m_e
BGG	0.30	233.9	Pg	12:36:28.040	0.1					T__					mce
BGG	0.30	233.9	Sg	12:36:32.090	0.2					T__		1270.4	0.25		m_e
AHRW	0.44	291.3	P*	12:36:30.990						---					mdi ML 2.9
AHRW	0.44	291.3	Pg	12:36:31.016	0.5					---	93.5				m_e
AHRW	0.44	291.3	S*	12:36:36.380						---					m_i
AHRW	0.44	291.3	Sg	12:36:36.519	0.3					---					m_e
TNS	0.49	108.8	P*	12:36:31.350						---					mci ML 2.9
TNS	0.49	108.8	Pg	12:36:31.408	-0.2					---	51.7				m_e
TNS	0.49	108.8	S*	12:36:37.440						---					m_i
TNS	0.49	108.8	Sg	12:36:37.523	-0.5					---					m_e
WBS	0.50	327.0	Pg	12:36:32.308	0.5					---					m_e
WBS	0.50	327.0	Sg	12:36:38.840	0.5					---		606.2	0.14		m_e
ABH	0.51	192.3	P*	12:36:32.020						---					mci
ABH	0.51	192.3	S*	12:36:38.300						---					m__
ABH	0.51	192.3	SmS	12:36:43.010	-2.5					---					m__
TDN	0.53	291.5	Pg	12:36:32.602	0.4					---					m_e
TDN	0.53	291.5	Sg	12:36:39.395	0.3					---		539.1	0.09		m_e
STB	0.60	291.0	Pg	12:36:33.860	0.3					T__					mde
STB	0.60	291.0	Sg	12:36:41.040	-0.2					T__		411.4	0.34		m_e
HOBG	0.65	338.1	Pg	12:36:34.980	0.5					T__					m_e
HOBG	0.65	338.1	Sg	12:36:43.300	0.4					T__		1025.8	0.39		m_e
HILG	0.67	262.5	Pg	12:36:34.610	-0.3					T__					m_e
HILG	0.67	262.5	Sg	12:36:43.350	-0.2					T__		421.8	1.04		m_e
BNS	0.67	329.6	Pg	12:36:35.250	0.2					T__					m_e
BNS	0.67	329.6	Sg	12:36:43.980	0.3					T__		373.5	0.17		m_e
LOH	0.78	255.5	Pg	12:36:36.964	-0.1					---					m_e
LOH	0.78	255.5	Sg	12:36:47.159	0.0					---		203.4	0.22		m_e
RUP	0.80	212.0	P*	12:36:36.600						---					mce
OLFT	0.83	278.1	Pg	12:36:37.933	-0.1					---					m_e

OLFT	0.83	278.1	Sg	12:36:48.772	-0.0	---	---	m_e		
PLH	0.84	317.8	Pg	12:36:38.390	0.2	---	---	m_e		
ENTS	0.88	347.4	Pg	12:36:38.703	-0.2	---	---	m_e		
ENTS	0.88	347.4	Sg	12:36:50.110	-0.1	---	335.0	0.09	m_e	
GSH	0.92	293.0	Pg	12:36:39.535	-0.1	---	---	---	m_e	
GSH	0.92	293.0	Sg	12:36:51.123	-0.4	---	111.9	0.14	m_e	
KLL	0.93	286.9	Pg	12:36:39.700	-0.2	T_	---	---	m_e	
KLL	0.93	286.9	Sg	12:36:52.030	0.1	T_	117.2	0.60	m_e	
SORT	0.98	9.3	Pg	12:36:40.307	-0.4	---	---	---	m_e	
SORT	0.98	9.3	Sg	12:36:53.065	-0.3	---	---	---	m_e	
DREG	0.98	287.0	Pg	12:36:40.620	-0.2	T_	---	---	m_e	
DREG	0.98	287.0	Sg	12:36:53.760	0.2	T_	269.2	0.48	m_e	
JCK	1.04	309.1	Pg	12:36:41.244	-0.7	---	---	---	m_e	
JCK	1.04	309.1	Sg	12:36:54.535	-0.9	---	431.4	0.13	m_e	
TOD	1.05	137.7	Pn	12:36:41.420	-1.9	---	---	---	m_	
LAUG	1.08	333.5	Pg	12:36:42.530	-0.2	T_	---	---	m_e	
LAUG	1.08	333.5	Sg	12:36:57.010	0.3	T_	---	---	m_e	
KTD	1.09	167.3	Pn	12:36:42.410	-1.5	---	---	---	m_	
BUG	1.09	345.2	Pg	12:36:42.881	-0.0	---	21.7	---	m_e	ML 3.2
BUG	1.09	345.2	Sg	12:36:57.098	0.0	---	---	---	m_e	
SWS	1.10	144.5	Pg	12:36:43.220	0.2	---	---	---	m_	ML 2.7
SWS	1.10	144.5	Sg	12:36:57.360	0.1	---	---	---	m_	
HGN	1.20	289.2	Pn	12:36:44.203	-1.1	---	6.2	---	m_e	
HGN	1.20	289.2	Pg	12:36:45.107	0.3	---	59.1	---	m_e	
HGN	1.20	289.2	Sg	12:37:00.161	-0.1	---	---	---	m_e	
RWB	1.22	306.6	Sg	12:36:59.457	-1.7	---	---	---	m_e	
WLF	1.24	235.0	Pn	12:36:44.196	-1.7	---	1.2	---	m_e	ML 2.8
WLF	1.24	235.0	Pg	12:36:45.062	-0.5	---	10.2	---	m_e	
WLF	1.24	235.0	Sg	12:37:01.337	-0.2	---	---	---	m_e	
LANF	1.40	177.6	P	12:36:48.260	---	---	---	---	m_	
UBBA	1.51	72.4	Pn	12:36:47.174	-2.5	---	4.4	---	m_e	ML 2.6
UBBA	1.51	72.4	Pg	12:36:49.300	-1.5	---	24.7	---	m_e	
UBBA	1.51	72.4	Sg	12:37:09.467	-0.9	---	---	---	m_e	
SIND	1.60	129.7	P	12:36:50.100	---	---	---	---	m_	ML 3.0
SIND	1.60	129.7	Sg	12:37:11.900	-1.2	---	---	---	m_	
WTSB	1.68	340.4	Pn	12:36:51.488	-0.5	---	1.1	---	m_e	
WTSB	1.68	340.4	Pg	12:36:53.061	-1.0	---	3.8	---	m_e	
WTSB	1.68	340.4	Sg	12:37:15.577	-0.2	---	---	---	m_e	
OPLO	1.69	317.2	Pn	12:36:51.839	-0.1	---	0.8	---	m_e	
OPLO	1.69	317.2	Pg	12:36:54.092	0.0	---	1.4	---	m_e	
OPLO	1.69	317.2	Sg	12:37:16.673	0.8	---	---	---	m_e	
LBG	1.86	157.4	Pg	12:36:58.420	1.1	---	---	---	m_	ML 2.8
STU	1.88	148.8	Pn	12:36:51.584	-3.0	---	1.2	---	m_e	ML 3.1
IBBN	1.92	0.8	Pn	12:36:54.226	-1.0	---	8.3	---	m_e	ML 3.4
IBBN	1.92	0.8	Sg	12:37:22.187	-1.2	---	---	---	m_e	
BFO	2.09	168.8	Pn	12:36:56.130	-1.4	---	---	---	m_	ML 2.7
BFO	2.09	168.8	Sg	12:37:29.077	0.3	---	---	---	m_e	
ECH	2.20	189.8	Pn	12:36:59.710	0.8	---	1.6	---	m_e	ML 3.3
ECH	2.20	189.8	Sg	12:37:30.262	-1.9	---	---	---	m_e	
BUCH	2.21	150.6	Pn	12:36:58.350	-0.7	---	---	---	m_	ML 3.0
BUCH	2.21	150.6	Sg	12:37:32.100	-0.3	---	---	---	m_	
CLZ	2.21	47.8	Pn	12:36:58.058	-1.1	---	5.5	---	m_e	ML 3.0
CLZ	2.21	47.8	Pg	12:37:01.781	-2.2	---	30.2	---	m_e	
CLZ	2.21	47.8	Sg	12:37:31.653	-1.0	---	---	---	m_e	

GRA1	2.35	105.7	Sg	12:37:36.069	-1.0	---	m_e	ML	2.9	
KIZ	2.43	176.8	Pn	12:37:01.550	-0.5	---	m_e	ML	2.8	
KIZ	2.43	176.8	Sg	12:37:38.110	-1.4	---	m_e			
GUT	2.49	157.9	Pg	12:37:03.820	-5.3	---	m_e	ML	2.8	
MOX	2.49	82.5	Pn	12:37:02.460	-0.5	---	3.4	m_e	ML	3.0
FELD	2.51	175.6	Pg	12:37:09.450	-0.2	---	m_e			
MOF	2.56	188.8	Pg	12:37:09.820	-0.7	---	m_e			
SISB	2.82	162.7	P	12:37:08.420		---	m_e	ML	2.9	
PLN	2.83	86.2	Pg	12:37:14.468	-1.2	---	5.1	m_e		
MANZ	2.84	96.4	Pg	12:37:14.482	-1.3	---	2.7	m_e	ML	3.0
ROTZ	2.95	100.4	Sg	12:37:54.129	-1.8	---	m_e	ML	3.0	
TANN	3.02	87.6	Pn	12:37:10.406	0.3	---	3.1	m_e	ML	3.1
TANN	3.02	87.6	Sg	12:37:56.918	-1.5	---	m_e			
CLL	3.46	72.5	Pg	12:37:25.793	-1.8	---	3.4	m_e	ML	3.3
WET	3.56	108.4	Sg	12:38:14.299	-1.0	---	m_e	ML	3.1	
BRG	3.98	80.5	Pn	12:37:23.577	0.5	---	1.4	m_e		
GEC2	4.17	109.3	Pn	12:37:26.635	1.0	---	10.2	m_e		

Event 90910008 Czech and Slovak Republics

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/10	19:30:42.20	0.29	1.15	49.8610	18.4360	5.6	3.3	029	1.0f		32	18	086	0.19	4.43	m i ki	BGR	90910028

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.4	14 BGR	90910028

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
OKC	0.19	262.9	Pg	19:30:46.483	0.7					T_	299.7			m_e	ML	2.2
OKC	0.19	262.9	Sg	19:30:50.051	1.9					T_				m_e		
MORC	0.58	262.0	Pg	19:30:53.153	-0.0					T_	62.9			m_e	ML	2.3
MORC	0.58	262.0	Sg	19:31:01.830	1.1					T_				m_e		
OJC	0.95	67.2	Pg	19:30:58.867	-1.2					T_	11.2			m_e	ML	2.6
DPC	1.44	290.7	Pn	19:31:08.397	-0.3					T_	52.9			m_e	ML	2.9
DPC	1.44	290.7	Sg	19:31:29.190	1.2					T_				m_e		
KSP	1.68	306.5	Pn	19:31:12.008	0.0					T_	1.9			m_e	ML	2.6
KSP	1.68	306.5	Sg	19:31:36.690	1.0					T_				m_e		
PRU	2.51	274.4	Pn	19:31:23.222	0.0					T_	1.7			m_e	ML	2.9
SOP	2.51	274.4	Pn	19:31:24.329	1.1					T_	2.0			m_e		
BRG	3.04	291.2	Pg	19:31:37.769	-1.7					T_	7.2			m_e	ML	3.0
BRG	3.04	291.2	Sg	19:32:19.237	0.5					T_				m_e		
KHC	3.24	258.8	Pn	19:31:33.378	0.3					T_	5.4			m_e	ML	3.2
KHC	3.24	258.8	Pg	19:31:40.439	-2.8					T_	14.4			m_e		
KHC	3.24	258.8	Sg	19:32:24.296	-0.8					T_				m_e		
GEC2	3.25	253.6	Pg	19:31:42.434	-0.9					T_	5.3			m_e	ML	3.5
GEC2	3.25	253.6	Sg	19:32:24.499	-0.8					T_				m_e		
FBE	3.41	290.1	Pn	19:31:35.730	0.4					T_	1.3			m_e	ML	2.6
FBE	3.41	290.1	Pg	19:31:44.581	-1.9					T_	2.6			m_e		
FBE	3.41	290.1	Sg	19:32:29.599	-0.9					T_				m_e		
GKP	3.49	348.1	Pn	19:31:37.673	1.2					T_	3.3			m_e		
WET	3.68	260.9	Pn	19:31:39.170	0.1					T_	3.7			m_e	ML	3.5
WET	3.68	260.9	Sg	19:32:39.390	0.3					T_				m_e		
CLL	3.74	294.8	Pg	19:31:52.006	-0.7					T_	5.5			m_e	ML	3.4

TANN	3.87	280.5	Pn	19:31:42.124	0.5	T__	1.9		m_e	ML	3.3
TANN	3.87	280.5	Sg	19:32:45.602	0.5	T__			m_e		
MOX	4.43	282.8	Pg	19:32:05.937	0.3	T__	3.0		m_e	ML	3.4

Event 90911003 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
2009/09/11	06:23:43.60	0.17	0.26	51.7943	7.8009	2.6	2.3	016	1.0f		14	5	305			m i sr	LDG	90911043
2009/09/11	06:23:45.80	0.53	0.21	51.7070	7.7170				1.0f			7	306	0.60	1.40	m i ki	BNS	90911033
2009/09/11	06:23:45.80	0.47	0.11	51.6640	7.7760				1.0f			7	285			m i ki	GDNRW	90911023
2009/09/11	06:23:47.51	0.46	0.45	51.6150	7.7870	11.1	6.7	141	1.0f		6	5	116	0.37	1.62	m i ki	BGR	90911013
2009/09/11	06:23:46.30			51.6510	7.7200				1.0f							m i ki	BUG	90911003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.0	1	LDG	90911043
ML	2.7	0.4	6 LDG	90911043
ML	2.1		BNS	90911033
ML	2.0		GDNRW	90911023
ML	2.4	0.1	4 BGR	90911013
ML	2.3		BUG	90911003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BAHL	0.11	36.2	Pg	06:23:48.600	0.3					T__				m_e	ML	2.3
BAHL	0.11	36.2	Sg	06:23:50.600	0.9					T__				m_e		
SORT	0.34	152.5	Pg	06:23:53.057	0.4					---				m_e		
SORT	0.34	152.5	Sg	06:23:57.610	0.5					---		133.0	0.19	m_e		
BUG	0.35	233.3	Pg	06:23:53.532	0.6					---				m_e	ML	2.5
BUG	0.35	233.3	Sg	06:23:59.430	2.0					---				m_e		
ENTS	0.45	205.3	Pg	06:23:55.310	0.5					---				m_e		
ENTS	0.45	205.3	Sg	06:24:02.381	1.7					---		58.0	0.13	m_e		
LAUG	0.57	238.5	Pg	06:23:57.080	0.1					---				m_e		
LAUG	0.57	238.5	Sg	06:24:05.860	1.5					---		109.3	0.48	m_e		
IBBN	0.66	2.1	Pg	06:24:00.094	1.4					---				m_e	ML	2.3
HOBG	0.71	200.0	Pg	06:24:00.140	0.5					---				m_e		
HOBG	0.71	200.0	Sg	06:24:11.230	2.4					---		161.2	0.62	m_e		
BNS	0.77	206.6	Pg	06:24:01.110	0.4					---				m_e		
BNS	0.77	206.6	Sg	06:24:12.840	2.2					---				m_e		
WBS	0.89	198.1	Pg	06:24:03.459	0.4					---				m_e		
WBS	0.89	198.1	Sg	06:24:15.849	1.3					---		41.2	0.27	m_e		
JCK	1.01	233.1	Pg	06:24:05.987	0.6					---				m_e		
JCK	1.01	233.1	Sg	06:24:20.199	1.7					---		392.8	0.29	m_e		
TDN	1.18	204.6	Pg	06:24:09.114	0.6					---				m_e		
TDN	1.18	204.6	Sg	06:24:25.041	1.2					---		34.1	0.13	m_e		
AHRW	1.18	200.3	Pg	06:24:09.192	0.6					---				m_e	ML	2.3
STB	1.19	207.9	Pg	06:24:08.760	-0.0					---				m_e		
STB	1.19	207.9	Sg	06:24:25.420	1.2					---		40.6	0.30	m_e		
KOE	1.23	179.7	Pg	06:24:09.320	-0.1					---				m_e		
KOE	1.23	179.7	Sg	06:24:26.470	1.2					---				m_e		
KLL	1.34	221.9	Pg	06:24:10.970	-0.5					---				m_e		
KLL	1.34	221.9	Sg	06:24:28.790	-0.0					---		21.7	0.60	m_e		
DREG	1.36	223.9	Pg	06:24:11.470	-0.4					---				m_e		

DREG	1.36	223.9	Sg	06:24:29.440	-0.0	---	22.9	0.18	m_e										
OLFT	1.42	215.7	Pg	06:24:12.453	-0.5	---			m_e										
OLFT	1.42	215.7	Sg	06:24:31.477	0.2	---	5.7	0.23	m_e										
TNS	1.50	161.9	Pn	06:24:14.241	0.7	---			m_e										
CLZ	1.65	82.3	Pn	06:24:17.041	1.4	---			m_e	ML									2.4

Event 90911008 Switzerland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/11	06:34:38.40			46.5000	9.7000				7.0							m i uk	SED	90911018
2009/09/11	06:34:41.25	0.60	1.02	46.5990	9.6620	8.9	6.7	006	10.0f		20	15	238	0.49	5.26	m i ke	BGR	90911008

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.6		SED	90911018
ML	3.6	0.2	10 BGR	90911008

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
PLONS	0.49	337.0	Pg	06:34:49.383	-1.2					T_				m_e	
PLONS	0.49	337.0	Sg	06:34:56.800	-0.3					T_				m_e	
OBER	0.92	27.8	Pg	06:34:56.999	-1.6					T_				m_e	ML 3.4
OBER	0.92	27.8	Sg	06:35:11.827	1.3					T_				m_e	
WILA	0.96	328.0	Sg	06:35:13.221	1.2					T_				m_e	ML 4.0
SLE	1.41	326.2	Pn	06:35:06.293	0.0					T_				m_e	ML 3.5
BALST	1.53	299.5	Pn	06:35:08.469	0.6					T_				m_e	ML 3.4
FUR	1.91	34.3	Pn	06:35:13.339	0.3					T_				m_e	ML 4.0
FUR	1.91	34.3	Pg	06:35:15.838	-1.4					T_				m_e	
FUR	1.91	34.3	Sg	06:35:42.744	0.8					T_				m_e	
BFO	1.95	333.0	Pn	06:35:13.612	0.0					T_				m_e	ML 3.4
STU	2.19	351.9	Pg	06:35:22.006	-0.6					T_				m_e	ML 3.8
RJOB	2.42	60.7	Pn	06:35:20.805	0.9					T_				m_e	ML 3.5
GRA1	3.26	18.0	Pn	06:35:29.800	-1.6					T_				m_e	ML 3.9
GRA1	3.26	18.0	Pg	06:35:41.294	-1.5					T_				m_e	
WET	3.34	39.1	Pn	06:35:31.885	-0.5					T_				m_e	ML 3.5
GEC2	3.52	48.9	Pn	06:35:34.879	-0.1					T_				m_e	
TNS	3.71	347.9	Pn	06:35:37.914	0.4					T_				m_e	
MOX	4.25	17.0	Pn	06:35:42.630	-2.1					T_				m_e	
CLZ	5.26	4.8	Pg	06:36:18.648	-1.8					T_				m_e	

Event 90913013 N of Bischofshofen/A, Tennengebirge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/13	05:59:07.04	0.15	0.52	47.4095	13.1232	1.6	0.9	077	3.0	0.0	25	7	042			m i uk	ZAMG	90913023
2009/09/13	05:59:07.97	0.24	0.75	47.4360	13.1830	3.3	2.2	049	10.0f		24	14	098	0.37	3.37	m i ke	BGR	90913013

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.4	10 ZAMG	90913023
ML	2.0	0.4	11 BGR	90913013

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KBA	0.37	162.9	Pg	05:59:14.413	-0.8					T__				m_e	ML 1.3
KBA	0.37	162.9	Sg	05:59:18.881	-1.3					T__				m_e	
RJOB	0.40	319.2	Pg	05:59:14.279	-1.4					T__				m_e	ML 1.6
RJOB	0.40	319.2	Sg	05:59:19.534	-1.4					T__				m_e	
MOA	0.84	60.1	Pg	05:59:24.392	0.5					T__				m_e	ML 1.6
WTTA	1.06	261.2	Sg	05:59:43.045	1.2					T__				m_e	ML 1.7
OBKA	1.31	134.3	Pg	05:59:33.021	0.2					T__				m_e	ML 1.7
OBKA	1.31	134.3	Sg	05:59:49.942	0.1					T__				m_e	
GEC2	1.45	13.6	Pn	05:59:34.899	1.4					T__				m_e	ML 2.2
GEC2	1.45	13.6	Pg	05:59:35.521	0.2					T__				m_e	
GEC2	1.45	13.6	Sg	05:59:54.501	0.3					T__				m_e	
FUR	1.47	300.3	Pn	05:59:35.423	1.6					T__				m_e	ML 2.3
FUR	1.47	300.3	Sg	05:59:55.249	0.4					T__				m_e	
WET	1.72	353.3	Pn	05:59:38.233	1.1					T__				m_e	ML 2.2
OBER	1.96	270.2	Sg	06:00:10.802	0.7					T__				m_e	ML 2.1
DAVA	2.24	267.4	Pg	05:59:49.218	-1.0					T__				m_e	ML 2.4
DAVA	2.24	267.4	Sg	06:00:20.150	0.9					T__				m_e	
GRA1	2.60	330.8	Pg	05:59:57.820	0.8					T__				m_e	ML 2.6
GRA1	2.60	330.8	Sg	06:00:29.564	-1.1					T__				m_e	
TANN	3.02	351.2	Sg	06:00:43.045	-0.8					T__				m_e	
MOX	3.37	342.8	Pn	06:00:01.167	1.6					T__				m_e	
MOX	3.37	342.8	Sg	06:00:55.691	0.7					T__				m_e	
BFO	3.37	287.2	Pn	06:00:01.275	1.7					T__				m_e	
BFO	3.37	287.2	Sg	06:00:54.571	-0.7					T__				m_e	

Event 90914001 Landau i.d. Pfalz, NW of Karlsruhe

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/14	18:38:17.50	0.05	0.47	49.1950	8.0903	0.9	0.9	139	10.0	0.0	58	16	038			m i ke	LDG	90914021
2009/09/14	18:38:17.54	0.24	0.57	49.1870	8.1030	3.3	2.2	078	3.0f		21	14	078	0.83	3.12	m i ki	BGR	90914011
2009/09/14	18:38:17.62	0.12	0.32	49.1910	8.1220	1.7	1.2	128	5.0f		41	19	062	0.13	1.70	m i ki	LED	90914001

(#PRIME)

(correlated with geothermal plant in Landau)

Magnitude	Err	Nsta	Author	OrigID
MD	3.0	0.1	3 LDG	90914021
ML	2.9	0.2	19 LDG	90914021
ML	2.4	0.2	9 BGR	90914011
ML	2.4	0.2	19 LED	90914001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KTD	0.13	349.1	P*	18:38:20.360						T__				mdi	
PEB	0.29	245.0	P*	18:38:23.280						T__				mdi	ML 2.4
PEB	0.29	245.0	S*	18:38:27.630						T__				m_i	
LANF	0.30	224.7	P*	18:38:23.260						T__				mdi	
LANF	0.30	224.7	S*	18:38:27.240						T__				m__	
IMS	0.43	340.4	P*	18:38:25.700						T__				mdi	
IMS	0.43	340.4	S*	18:38:31.760						T__				m__	
SWS	0.48	51.9	P*	18:38:26.720						T__				mci	ML 2.0
SWS	0.48	51.9	S*	18:38:33.470						T__				m__	
TOD	0.61	46.7	P*	18:38:28.980						T__				m__	

TOD	0.61	46.7	PmP	18:38:30.420	-2.0	T__	m__		
TOD	0.61	46.7	SmS	18:38:39.420	-3.1	T__	m__		
LBG	0.69	139.7	P*	18:38:30.930		T__	m__	ML	2.8
LBG	0.69	139.7	S*	18:38:40.050		T__	m__		
LBG	0.69	139.7	SmS	18:38:42.750	-1.8	T__	m__		
ABH	0.78	331.9	P*	18:38:32.660		T__	m__		
ABH	0.78	331.9	S*	18:38:43.220		T__	m__		
STU	0.82	120.5	P*	18:38:33.330		T__	m__	ML	2.6
STU	0.82	120.5	PmP	18:38:34.440	-1.2	T__	m__		
STU	0.82	120.5	Sg	18:38:44.128	0.4	___	m_e		
RUP	0.86	306.9	P*	18:38:34.050		T__	m__		
RUP	0.86	306.9	S*	18:38:46.060		T__	m__		
BFO	0.87	170.9	P*	18:38:33.980		T__	md__	ML	2.5
BFO	0.87	170.9	PmP	18:38:34.870	-1.6	T__	m__		
BFO	0.87	170.9	S*	18:38:45.840		T__	m__		
BFO	0.87	170.9	SmS	18:38:47.730	-1.7	T__	m__		
TUBL	0.92	136.2	P*	18:38:35.770		T__	m__	ML	2.8
TUBL	0.92	136.2	S*	18:38:47.390		T__	m__		
SIND	0.98	80.2	P*	18:38:35.820		T__	m__	ML	2.3
SIND	0.98	80.2	PmP	18:38:36.530	-1.8	___	m__		
SIND	0.98	80.2	S*	18:38:49.710		T__	m__		
RIVT	1.02	300.9	Pg	18:38:36.820	-0.1	___	m__	ML	2.0
TNS	1.05	11.4	P	18:38:37.180		T__	m__	ML	2.5
TNS	1.05	11.4	Sg	18:38:51.556	0.5	___	m_e		
TNS	1.05	11.4	SmS	18:38:53.510	-1.1	T__	m__		
BUCH	1.10	132.0	P	18:38:38.160		T__	mc__	ML	2.9
BUCH	1.10	132.0	Sg	18:38:53.620	1.1	T__	m__		
FSH	1.10	323.8	Pg	18:38:38.940	0.5	T__	m__	ML	2.4
ECH	1.16	213.5	P	18:38:38.550		T__	m__	ML	2.5
ECH	1.16	213.5	PmP	18:38:41.400	-0.1	___	m__		
ECH	1.16	213.5	Sg	18:38:56.400	1.8	T__	m__		
FACH	1.17	356.0	Pg	18:38:39.330	-0.3	___	m__	ML	2.4
KIZ	1.24	186.3	P	18:38:39.200		T__	md__	ML	2.3
KIZ	1.24	186.3	S	18:38:55.660		T__	m__		
GUT	1.30	149.3	P	18:38:40.850		T__	m__	ML	2.4
GUT	1.30	149.3	Sg	18:38:59.220	0.3	T__	m__		
FELD	1.32	183.4	P	18:38:40.440		T__	m__		
WLF	1.37	291.0	Pn	18:38:42.844	0.2	___	m_e	ML	2.2
WLF	1.37	291.0	Pg	18:38:43.340	-0.0	___	m__		
WLF	1.37	291.0	Sg	18:39:00.290	-0.7	___	m__		
SLE	1.45	170.1	Pn	18:38:42.539	-1.2	___	m_e		
SLE	1.45	170.1	Sg	18:39:04.041	0.5	___	m_e		
MOF	1.49	206.4	P	18:38:43.220		___	m__		
AHRW	1.51	333.9	P	18:38:45.990		___	m__	ML	2.1
AHRW	1.51	333.9	Sg	18:39:06.106	0.5	___	m_e		
BLI	1.58	312.0	Pg	18:38:47.260	-0.1	___	m__	ML	2.1
SISB	1.61	159.3	Pg	18:38:48.610	0.7	___	m__	ML	2.3
THEF	1.70	236.4	P	18:38:45.640		___	m__		
THEF	1.70	236.4	Sg	18:39:11.900	0.2	___	m__		
WILA	1.85	163.3	Sg	18:39:16.999	0.5	___	m_e		
BALST	1.88	188.9	Pg	18:38:53.207	0.2	___	m_e		
GRA1	2.08	74.9	Sg	18:39:23.498	-0.1	___	m_e	ML	2.5
OBER	2.30	140.2	Sn	18:39:22.405	0.3	___	m_e	ML	2.5
PLONS	2.30	158.1	Pn	18:38:55.425	0.1	___	m_e		

PLONS	2.30	158.1	Sn	18:39:21.611	-0.7	---												m_e	
WERD	2.98	63.5	Pg	18:39:13.252	-0.5	---	3.1											m_e ML	2.6
WET	3.11	89.1	Sn	18:39:42.915	1.6	---												m_e ML	2.5

Event 90914004 Neustadt a.d. Weinstrasse., N of Landau

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/14	18:39:01.10	0.11	0.21	49.1973	8.0762	1.9	1.2	090	10.0	0.0	16	10	263			m i ke	LDG	90914014
2009/09/14	18:39:02.02	0.34	0.56	49.2010	8.1040	4.4	3.3	075	3.0f		10	6	109	0.83	1.46	m i ki	BGR	90914004

(#PRIME)

(correlated with geothermal plant in Landau)

Magnitude	Err	Nsta	Author	OrigID
MD	2.5	0.2	3 LDG	90914014
ML	2.5	0.3	11 LDG	90914014
ML	1.9	0.2	4 BGR	90914004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STU	0.83	120.6	Sg	18:39:29.006	0.5					T__				m_e ML	2.1
BFO	0.88	170.2	Pg	18:39:18.156	-0.5					T__				m_e ML	1.7
BFO	0.88	170.2	Sg	18:39:30.798	0.7					T__				m_e	
TNS	1.05	12.1	Pg	18:39:21.867	0.1					T__				m_e ML	2.0
TNS	1.05	12.1	Sg	18:39:35.464	0.2					T__				m_e	
ECH	1.17	212.7	Pg	18:39:23.545	-0.5					T__				m_e	
ECH	1.17	212.7	Sg	18:39:40.000	0.9					T__				m_e	
WLF	1.35	290.8	Pg	18:39:27.116	-0.4					T__				m_e ML	2.0
WLF	1.35	290.8	Sg	18:39:45.149	0.2					T__				m_e	
SLE	1.46	169.7	Sg	18:39:47.485	-0.9					T__				m_e	

Event 90914003 Northern Italy

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/14	20:04:40.51	0.64	1.01	44.5930	11.3720	12.2	10.0	054	10.0f		22	19	279	2.68	7.28	m i ke	BGR	90914003

Magnitude	Err	Nsta	Author	OrigID
ML	4.6	0.2	13 BGR	90914003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	2.68	3.8	Pn	20:05:24.278	1.6					T__				m_e	
KBA	2.84	28.2	Pn	20:05:25.066	0.2					T__				m_e	
DAVA	2.89	339.5	Pn	20:05:27.092	1.6					T__				m_e	
DAVA	2.89	339.5	Sg	20:06:10.543	-1.7					T__				m_e	
OBKA	2.94	48.1	Pn	20:05:24.136	-2.1					T__				m_e	
RJOB	3.30	16.9	Pn	20:05:32.692	1.6					T__				m_e ML	4.3
FUR	3.57	359.0	Pn	20:05:35.688	0.9					T__				m_e ML	4.6
MOA	3.82	30.5	Pn	20:05:38.511	0.3					T__				m_e	
BFO	4.28	331.8	Pn	20:05:43.897	-0.6					T__				m_e ML	4.5
STU	4.44	341.1	Pn	20:05:46.605	0.0					T__				m_e ML	4.7
GEC2	4.54	19.7	Pn	20:05:47.880	-0.1					T__				m_e ML	4.4
WET	4.67	12.2	Pn	20:05:49.241	-0.4					T__				m_e ML	4.4

GRA1	5.10	358.9	Pn	20:05:54.561	-1.0	T__	m_e	ML	4.9
ROTZ	5.20	6.0	Pn	20:05:56.652	-0.3	T__	m_e	ML	4.4
ROTZ	5.20	6.0	Sn	20:06:54.663	2.2	T__	m_e		
TANN	5.87	6.8	Pn	20:06:05.619	-0.3	T__	m_e	ML	4.6
TNS	5.97	341.7	Pn	20:06:07.316	0.0	T__	m_e	ML	4.6
MOX	6.05	1.5	Pn	20:06:09.337	0.9	T__	m_e	ML	4.6
WLF	6.19	326.9	Pn	20:06:11.404	1.1	T__	m_e		
CLL	6.80	8.6	Pn	20:06:18.579	-0.1	T__	m_e	ML	4.8
CLL	6.80	8.6	Sg	20:08:14.683	-2.0	T__	m_e		
CLZ	7.28	355.1	Pn	20:06:25.001	-0.1	T__	m_e	ML	4.8

Event 90918002 ENE of Feldkirch/A, Klein Walsertal, S Allgaeuer Alps

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/18	01:27:57.80	0.22	0.96	47.2097	10.1079	4.9	2.8	061	10.0f		58	23	128			m i ke	LDG	90918032
2009/09/18	01:27:55.70			47.2000	10.1000				-2.0							m i uk	SED	90918022
2009/09/18	01:27:56.07	0.26	2.25	47.2394	10.0741	2.2	1.8	165	8.0	0.0	30	6	174			m i fe	ZAMG	90918012
2009/09/18	01:27:57.98	0.36	1.40	47.3390	10.0170	7.8	5.6	118	10.0f		24	17	138	0.11	3.47	m i ke	BGR	90918002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8	0.3	17 LDG	90918032
ML	2.3		SED	90918022
ML	2.6	0.4	10 ZAMG	90918012
ML	2.7	0.3	15 BGR	90918002

Effects	Loctyp	Location	Intensity	Scale	Author
(Some people awoke)	Summar		4.0	EMS	ZAMG

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
DAVA	0.11	240.6	Pg	01:27:58.501	-2.1					T__				m_e	ML 1.9
WTTA	1.10	93.3	Pg	01:28:15.547	-3.2					T__				m_e	ML 2.2
FUR	1.18	45.3	Pn	01:28:19.752	-0.1					T__				m_e	ML 3.0
FUR	1.18	45.3	Sg	01:28:36.758	1.2					T__				m_e	
BFO	1.51	311.8	Pn	01:28:25.249	1.0					T__				m_e	ML 2.4
STU	1.53	339.3	Pn	01:28:26.217	1.5					T__				m_e	ML 2.9
STU	1.53	339.3	Sg	01:28:46.217	-0.6					T__				m_e	
RJOB	1.92	77.0	Pn	01:28:30.522	0.7					T__				m_e	ML 2.6
WET	2.62	45.5	Pn	01:28:39.128	-0.3					T__				m_e	ML 2.7
WET	2.62	45.5	Sg	01:29:20.058	-1.3					T__				m_e	
ROTZ	2.83	30.0	Pn	01:28:40.967	-1.2					T__				m_e	ML 2.8
ROTZ	2.83	30.0	Sg	01:29:26.637	-1.2					T__				m_e	
GEC2	2.88	57.2	Pn	01:28:43.001	0.0					T__				m_e	ML 2.8
GEC2	2.88	57.2	Sn	01:29:18.525	3.1					T__				m_e	
MOA	2.91	78.3	Pn	01:28:44.096	0.8					T__				m_e	ML 2.7
TNS	3.06	340.9	Pn	01:28:46.969	1.6					T__				m_e	ML 2.9
OBKA	3.20	103.3	Pn	01:28:48.906	1.6					T__				m_e	
GUNZ	3.39	25.9	Sg	01:29:45.508	-0.1					T__				m_e	ML 3.0
PLN	3.45	23.3	Sg	01:29:47.364	-0.1					T__				m_e	
WERD	3.45	25.0	Pn	01:28:51.021	0.3					T__				m_e	ML 2.9
WERD	3.45	25.0	Sg	01:29:47.267	-0.5					T__				m_e	

MOX	3.47	17.0	Pn	01:28:49.473	-1.4													T__	m_e	ML	3.1
MOX	3.47	17.0	Sg	01:29:48.206	0.0													T__	m_e		
TANN	3.47	26.7	Sg	01:29:47.863	-0.4													T__	m_e	ML	3.0

Event 90921005 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
2009/09/21	12:46:49.20	0.46	0.21	51.7140	7.5930				1.0f			5	308	0.54	1.34	m i ki	BNS	90921025
2009/09/21	12:46:49.35	0.95	0.11	51.6420	7.7040	20.0	5.6	162	1.0f		5	4	208	0.34	1.66	m i ki	BGR	90921015
2009/09/21	12:46:48.40			51.6390	7.6980				1.0f				195	0.12	0.33	m i ki	BUG	90921005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.8		BNS	90921025
ML	2.0	0.2	4 BGR	90921015
ML	1.7		BUG	90921005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.12	38.0	Pg	12:46:52.500	1.8					T__				m__	ML 1.8
BAHL	0.12	38.0	Sg	12:46:55.200	2.8					T__				m__	
BUG	0.33	233.5	Pg	12:46:55.600	0.9					TA__				m_e	ML 1.7
BUG	0.33	233.5	Sg	12:47:00.900	1.9					TA__				m__	
LAUG	0.55	238.8	Pg	12:46:59.640	0.9					---				m_e	
LAUG	0.55	238.8	Sg	12:47:07.270	1.4					---		39.7	0.68	m_e	
HOBG	0.69	199.3	Pg	12:47:03.520	2.0					---				m_e	
STB	1.18	207.6	Pg	12:47:11.870	1.3					---				m_e	
KOE	1.21	179.0	Pg	12:47:12.310	1.0					---				m_e	
KLL	1.32	221.8	Pg	12:47:13.260	-0.0					---				m_e	
TNS	1.49	161.3	Pg	12:47:17.418	0.9					---				m_e	ML 2.1
UBBA	1.66	118.7	Pg	12:47:20.810	1.1					---				m_e	ML 1.7
CLZ	1.67	82.0	Pg	12:47:20.773	0.9					---				m_e	ML 2.2

Event 90922004 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/22	09:30:21.63	0.58	0.69	51.4560	16.1080	7.8	2.2	013	1.0f		19	13	209	0.62	3.57	m i ki	BGR	90922004

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.4	13 BGR	90922004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.62	169.2	Pg	09:30:33.557	0.2					T__				m_e	ML 2.5
DPC	1.11	173.0	Pg	09:30:42.302	-0.3					T__				m_e	ML 2.5
DPC	1.11	173.0	Sg	09:30:58.060	1.0					T__				m_e	
BRG	1.48	247.6	Pg	09:30:49.244	-0.2					T__				m_e	ML 3.0
BRG	1.48	247.6	Sg	09:31:09.072	0.5					T__				m_e	
FBE	1.81	253.9	Sg	09:31:18.998	-0.0					T__				m_e	ML 2.3
MORC	1.91	151.0	Pn	09:30:54.382	-0.1					T__				m_e	ML 2.7
CLL	1.94	266.8	Pn	09:30:54.447	-0.5					T__				m_e	ML 3.0
CLL	1.94	266.8	Sg	09:31:22.998	-0.4					T__				m_e	

OKC	2.07	140.6	Sg	09:31:26.344	-1.1	T__	m_e	ML	3.1
TANN	2.52	247.1	Pn	09:31:03.515	0.7	T__	m_e	ML	3.2
TANN	2.52	247.1	Sg	09:31:41.934	0.2	T__	m_e		
WERD	2.60	248.7	Pn	09:31:04.144	0.3	T__	m_e	ML	3.2
WERD	2.60	248.7	Sg	09:31:43.321	-0.8	T__	m_e		
OJC	2.64	116.5	Sg	09:31:45.232	-0.2	T__	m_e	ML	3.2
ROTZ	3.00	237.2	Pn	09:31:10.043	0.8	T__	m_e	ML	3.2
ROTZ	3.00	237.2	Sg	09:31:56.181	-0.6	T__	m_e		
GEC2	3.03	211.5	Pn	09:31:10.792	1.1	T__	m_e	ML	3.3
GRA1	3.57	242.3	Sg	09:32:15.835	0.8	T__	m_e	ML	3.8

Event 90923004 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
2009/09/23	18:48:36.70	0.12	0.87	51.5659	7.7997	3.2	2.0	159	1.0f		44	11	058			m i sr	LDG	90923044
2009/09/23	18:48:36.80	0.44	0.21	51.6880	7.6970				1.0f			8	304	0.58	1.54	m i ki	BNS	90923034
2009/09/23	18:48:36.60	0.45	0.11	51.6260	7.7430				1.0f			9	278			m i ki	GDNRW	90923024
2009/09/23	18:48:37.72	0.25	0.64	51.6170	7.7660	3.3	2.2	149	1.0f		26	19	119	0.36	3.31	m i ki	BGR	90923014
2009/09/23	18:48:35.90			51.6250	7.7820				1.0f				227	0.11	0.37	m i ki	BUG	90923004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	3.3	0.5	2 LDG	90923044
ML	2.9	0.3	11 LDG	90923044
ML	2.4		BNS	90923034
ML	2.5		GDNRW	90923024
ML	2.7	0.2	14 BGR	90923014
ML	2.4		BUG	90923004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BAHL	0.11	12.4	Pg	18:48:38.900	0.8					T__				m__	ML	2.8
BAHL	0.11	12.4	Sg	18:48:40.900	1.3					T__				m__		
SORT	0.30	156.7	Pg	18:48:43.304	1.8					---				m_i		
SORT	0.30	156.7	Sg	18:48:47.887	2.5					---		233.4	0.20	m_e		
BUG	0.37	240.2	Pg	18:48:43.800	1.0					TA_				m_e	ML	2.4
BUG	0.37	240.2	Sg	18:48:49.600	2.0					TA_				m__		
ENTS	0.45	211.2	Pg	18:48:45.570	1.2					---				m_e		
ENTS	0.45	211.2	Sg	18:48:51.803	1.7					---				m_e		
LAUG	0.59	242.6	Pg	18:48:47.570	0.6					---				m_e		
LAUG	0.59	242.6	Sg	18:48:56.170	1.5					---		120.6	0.41	m_e		
IBBN	0.68	358.8	Pg	18:48:50.326	1.6					---				m_e	ML	2.7
IBBN	0.68	358.8	Sg	18:48:59.540	2.0					---				m_e		
HOBG	0.70	203.8	Pg	18:48:50.690	1.6					---				m_e		
HOBG	0.70	203.8	Sg	18:49:00.930	2.8					---				m_e		
WBS	0.88	201.1	Pg	18:48:53.551	1.1					---				m_e		
WBS	0.88	201.1	Sg	18:49:05.100	1.4					---		78.3	0.17	m_e		
JCK	1.03	235.6	Pg	18:48:56.212	0.9					---				m_e		
JCK	1.03	235.6	Sg	18:49:10.077	1.5					---		285.5	0.23	m_e		
AHRW	1.17	202.5	Pg	18:48:59.335	1.4					---				m_e	ML	2.6
AHRW	1.17	202.5	Sg	18:49:15.814	2.7					---				m_e		
TDN	1.17	206.9	Pg	18:48:58.907	0.9					---				m_e		
STB	1.19	210.2	Pg	18:48:59.580	1.3					---				m_e		

KOE	1.20	181.5	Pg	18:48:59.690	1.2															m_e		
GSH	1.25	225.2	Pg	18:49:00.153	0.7															m_e		
GSH	1.25	225.2	Sg	18:49:16.761	1.1							68.1	0.22							m_e		
KLL	1.34	223.9	Pg	18:49:01.280	0.0															m_e		
GTTG	1.36	92.5	Pn	18:49:02.691	1.4															m_e	ML	2.9
GTTG	1.36	92.5	Sg	18:49:21.835	2.8															m_e		
DREG	1.37	225.9	Pg	18:49:01.670	0.0															m_e		
OLFT	1.42	217.6	Pg	18:49:02.783	0.2															m_e		
OLFT	1.42	217.6	Sg	18:49:21.307	0.3															m_e		
BGG	1.45	191.4	Pg	18:49:03.310	0.2															m_e		
TNS	1.46	163.1	Pn	18:49:03.533	0.8															m_e	ML	2.6
TNS	1.46	163.1	Sn	18:49:22.409	0.8															m_e		
HILG	1.50	208.0	Pg	18:49:04.100	-0.1															m_e		
UBBA	1.61	119.3	Pn	18:49:06.932	2.3															m_e	ML	2.4
UBBA	1.61	119.3	Sg	18:49:28.234	1.3															m_e		
CLZ	1.62	81.3	Pn	18:49:05.423	0.6															m_e	ML	2.8
CLZ	1.62	81.3	Sg	18:49:29.649	2.3															m_e		
LOH	1.64	209.1	Sg	18:49:26.834	-1.2							48.8	0.27							m_e		
NRDL	1.67	57.8	Pn	18:49:08.608	3.1															m_e		
WLF	2.22	208.4	Pg	18:49:18.641	1.0															m_e	ML	2.7
FLT1	2.24	70.3	Pn	18:49:15.349	2.1															m_e	ML	2.7
NEUB	2.52	97.9	Sg	18:49:58.234	2.1															m_e		
MOX	2.60	110.7	Pn	18:49:20.243	2.2															m_e	ML	2.8
GRA1	2.91	130.2	Pn	18:49:24.430	2.1															m_e		
PLN	2.98	110.8	Pn	18:49:25.658	2.5															m_e		
WERD	3.08	110.7	Pn	18:49:26.993	2.4															m_e	ML	2.8
GUNZ	3.13	112.0	Pn	18:49:27.566	2.3															m_e	ML	3.0
TANN	3.18	110.5	Pn	18:49:28.530	2.5															m_e	ML	2.9
MANZ	3.19	119.3	Pn	18:49:28.038	2.0															m_e	ML	2.8
BFO	3.31	173.7	Pn	18:49:28.822	1.0															m_e		

Event 90924001 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/24	04:08:07.14	0.39	0.63	51.4890	16.0730	4.4	2.2	018	1.0f		37	16	199	0.66	3.56	m i ki	BGR	90924011

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.4	16 BGR	90924011

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.66	167.8	Pg	04:08:19.493	-0.1					T__				m_e	ML 2.3
KSP	0.66	167.8	Sg	04:08:28.968	0.8					T__				m_e	
DPC	1.15	172.0	Pg	04:08:28.301	-0.5					T__				m_e	ML 2.4
DPC	1.15	172.0	Sg	04:08:44.119	0.5					T__				m_e	
BRG	1.47	246.1	Pn	04:08:33.781	-0.2					T__				m_e	ML 3.1
BRG	1.47	246.1	Pg	04:08:34.428	-0.4					T__				m_e	
BRG	1.47	246.1	Sg	04:08:54.881	1.0					T__				m_e	
FBE	1.80	252.6	Pg	04:08:40.243	-0.7					T__				m_e	ML 2.3
FBE	1.80	252.6	Sg	04:09:04.587	0.4					T__				m_e	
CLL	1.92	265.8	Pn	04:08:39.094	-1.1					T__				m_e	ML 3.2
CLL	1.92	265.8	Pg	04:08:42.273	-1.1					T__				m_e	
CLL	1.92	265.8	Sg	04:09:08.463	0.2					T__				m_e	

OKC	2.11	140.7	Pg	04:08:45.998	-0.9	T__	m_e	ML	3.0
OKC	2.11	140.7	Sg	04:09:14.308	0.1	T__	m_e		
TANN	2.52	246.1	Pn	04:08:48.264	0.1	T__	m_e	ML	3.2
TANN	2.52	246.1	Sg	04:09:27.110	0.1	T__	m_e		
WERD	2.59	247.8	Pn	04:08:49.144	-0.1	T__	m_e	ML	3.3
WERD	2.59	247.8	Sg	04:09:28.784	-0.6	T__	m_e		
OJC	2.67	116.9	Sg	04:09:32.578	0.5	T__	m_e	ML	3.1
MANZ	2.92	240.6	Pn	04:08:54.064	0.3	T__	m_e	ML	3.4
MANZ	2.92	240.6	Pg	04:09:02.753	0.5	T__	m_e		
MANZ	2.92	240.6	Sg	04:09:40.397	0.3	T__	m_e		
MOX	2.93	255.0	Pn	04:08:53.376	-0.4	T__	m_e	ML	3.6
MOX	2.93	255.0	Pg	04:09:01.779	-0.5	T__	m_e		
MOX	2.93	255.0	Sg	04:09:40.218	0.2	T__	m_e		
ROTZ	3.00	236.4	Pn	04:08:55.302	0.6	T__	m_e	ML	3.2
ROTZ	3.00	236.4	Sg	04:09:43.090	0.8	T__	m_e		
GEC2	3.05	210.8	Pn	04:08:56.280	0.9	T__	m_e	ML	3.3
GEC2	3.05	210.8	Pg	04:09:04.142	-0.5	T__	m_e		
GEC2	3.05	210.8	Sg	04:09:43.403	-0.6	T__	m_e		
WET	3.11	222.3	Pn	04:08:56.707	0.5	T__	m_e	ML	3.2
WET	3.11	222.3	Sg	04:09:44.954	-0.9	T__	m_e		
CLZ	3.55	277.9	Pn	04:09:02.829	0.6	T__	m_e	ML	3.4
CLZ	3.55	277.9	Sg	04:10:01.311	1.3	T__	m_e		
GRA1	3.56	241.6	Pn	04:09:03.103	0.7	T__	m_e	ML	3.7
GRA1	3.56	241.6	Pg	04:09:14.803	0.5	T__	m_e		
GRA1	3.56	241.6	Sg	04:10:01.297	0.9	T__	m_e		

Event 90924002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/24	04:54:38.27	0.43	0.71	51.4670	16.1060	4.4	2.2	013	1.0f		32	15	210	0.63	3.57	m i ki	BGR	90924012

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.4	15 BGR	90924012

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.63	169.3	Pg	04:54:50.260	0.0					T__				m_e	ML 2.3
KSP	0.63	169.3	Sg	04:54:59.617	1.2					T__				m_e	
DPC	1.13	173.0	Pg	04:54:59.175	-0.3					T__				m_e	ML 2.4
DPC	1.13	173.0	Sg	04:55:15.088	1.1					T__				m_e	
BRG	1.48	247.2	Pn	04:55:05.240	-0.1					T__				m_e	ML 3.2
BRG	1.48	247.2	Sg	04:55:26.188	0.9					T__				m_e	
FBE	1.81	253.5	Pn	04:55:11.269	1.5					T__				m_e	ML 2.2
FBE	1.81	253.5	Sg	04:55:35.616	-0.1					T__				m_e	
CLL	1.94	266.5	Sg	04:55:40.249	0.2					T__				m_e	ML 3.0
OKC	2.08	140.7	Sg	04:55:43.512	-0.9					T__				m_e	ML 3.0
TANN	2.53	246.8	Pn	04:55:19.008	-0.5					T__				m_e	ML 3.2
TANN	2.53	246.8	Pg	04:55:25.382	-0.5					T__				m_e	
TANN	2.53	246.8	Sg	04:55:58.060	-0.4					T__				m_e	
WERD	2.60	248.4	Pn	04:55:20.131	-0.4					T__				m_e	ML 3.1
WERD	2.60	248.4	Pg	04:55:26.425	-0.9					T__				m_e	
WERD	2.60	248.4	Sg	04:56:00.828	-0.1					T__				m_e	
OJC	2.64	116.7	Pg	04:55:27.891	-0.2					T__				m_e	ML 3.2

OJC	2.64	116.7	Sg	04:56:02.145	-0.1	T__	m_e		
MANZ	2.93	241.2	Pn	04:55:25.050	0.1	T__	m_e ML	3.4	
MANZ	2.93	241.2	Pg	04:55:33.908	0.4	T__	m_e		
MANZ	2.93	241.2	Sg	04:56:11.933	0.5	T__	m_e		
MOX	2.94	255.5	Pg	04:55:32.691	-1.0	T__	m_e ML	3.5	
MOX	2.94	255.5	Sg	04:56:12.290	0.6	T__	m_e		
ROTZ	3.00	237.0	Pn	04:55:26.097	0.2	T__	m_e ML	3.1	
ROTZ	3.00	237.0	Sg	04:56:13.343	-0.3	T__	m_e		
GEC2	3.04	211.4	Pn	04:55:27.259	0.8	T__	m_e ML	3.1	
GEC2	3.04	211.4	Sg	04:56:14.039	-0.8	T__	m_e		
WET	3.11	222.8	Pn	04:55:27.569	0.2	T__	m_e ML	3.1	
WET	3.11	222.8	Sg	04:56:15.982	-0.9	T__	m_e		
GRA1	3.57	242.1	Pn	04:55:33.603	-0.1	T__	m_e ML	3.7	
GRA1	3.57	242.1	Pg	04:55:47.114	1.5	T__	m_e		
GRA1	3.57	242.1	Sg	04:56:32.712	1.0	T__	m_e		

Event 90926002 Arbois, SE of Dole/F

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/26	02:47:09.50			46.9000	5.9000				3.0							m i uk	SED	90926022
2009/09/26	02:47:10.55	0.77	0.81	46.7880	5.9460	7.8	6.7	166	10.0f		18	12	303	1.31	4.56	m i ke	BGR	90926012
2009/09/26	02:47:10.60	0.04	0.87	46.8560	5.9430	0.9	0.8	126	4.0f		152	39	039			m i ke	LDG	90926002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9		SED	90926022
ML	3.1	0.4	12 BGR	90926012
MD	3.6	0.1	3 LDG	90926002
ML	3.6	0.3	53 LDG	90926002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BALST	1.29	67.4	Pn	02:47:34.255	-0.4					---				m_e ML	3.0
BALST	1.29	67.4	Sg	02:47:52.466	1.0					---				m_e	
SULZ	1.62	64.7	Pg	02:47:41.319	0.2					---				m_e ML	2.8
SULZ	1.62	64.7	Sg	02:48:02.276	0.2					---				m_e	
SLE	1.95	61.3	Pn	02:47:42.828	-0.9					---				m_e ML	2.8
SLE	1.95	61.3	Sg	02:48:12.393	-0.3					---				m_e	
WILA	2.09	73.4	Pg	02:47:50.104	0.1					---				m_e ML	3.1
WILA	2.09	73.4	Sg	02:48:17.734	0.7					---				m_e	
BFO	2.18	46.6	Pn	02:47:45.257	-1.5					---				m_e ML	2.7
BFO	2.18	46.6	Pg	02:47:51.624	-0.1					---				m_e	
BFO	2.18	46.6	Sg	02:48:21.251	1.3					---				m_e	
PLONS	2.35	84.0	Sg	02:48:25.644	0.2					---				m_e ML	2.7
DAVA	2.72	79.4	Pg	02:48:01.751	-0.0					---				m_e ML	3.1
STU	2.90	47.5	Sg	02:48:44.390	1.6					---				m_e ML	3.5
OBER	3.01	77.9	Sg	02:48:47.390	1.2					---				m_e ML	2.9
TNS	3.75	25.3	Pn	02:48:07.148	-0.9					---				m_e ML	3.6
GRA1	4.51	49.1	Sg	02:49:35.042	1.1					---				m_e ML	3.6

Event 90927003 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/27	04:38:52.24	0.39	0.68	51.5240	16.1570	4.4	2.2	017	1.0f		28	17	201	0.69	3.63	m i ki	BGR	90927003

Magnitude	Err	Nsta	Author	OrigID
ML	3.0	0.4	17 BGR	90927003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.69	172.8	Pg	04:39:05.017	-0.2					T__				m_e ML	2.3
KSP	0.69	172.8	Sg	04:39:14.225	0.2					T__				m_e	
DPC	1.18	174.9	Pg	04:39:13.789	-0.7					T__				m_e ML	2.3
DPC	1.18	174.9	Sg	04:39:30.953	1.3					T__				m_e	
BRG	1.53	245.7	Pn	04:39:19.639	-0.3					T__				m_e ML	2.9
BRG	1.53	245.7	Sg	04:39:40.718	-0.2					T__				m_e	
FBE	1.86	252.1	Pn	04:39:24.793	0.4					T__				m_e ML	2.2
FBE	1.86	252.1	Sg	04:39:50.282	-0.9					T__				m_e	
MORC	1.96	152.8	Pn	04:39:25.238	-0.5					T__				m_e ML	2.7
MORC	1.96	152.8	Sg	04:39:52.888	-1.5					T__				m_e	
CLL	1.98	265.0	Pn	04:39:24.968	-1.1					T__				m_e ML	3.1
OKC	2.11	142.4	Pn	04:39:27.489	-0.3					T__				m_e ML	3.1
OKC	2.11	142.4	Sg	04:39:58.815	-0.3					T__				m_e	
TANN	2.58	246.0	Pn	04:39:33.976	-0.2					T__				m_e ML	3.3
OJC	2.64	118.2	Pn	04:39:34.479	-0.5					T__				m_e ML	3.2
OJC	2.64	118.2	Sg	04:40:17.434	1.3					T__				m_e	
WERD	2.65	247.6	Pn	04:39:34.958	-0.2					T__				m_e ML	3.0
MOX	2.98	254.6	Pn	04:39:39.779	0.1					T__				m_e ML	3.3
MOX	2.98	254.6	Sg	04:40:27.404	0.3					T__				m_e	
MANZ	2.99	240.6	Pn	04:39:39.563	-0.1					T__				m_e ML	3.2
ROTZ	3.06	236.5	Pn	04:39:40.978	0.3					T__				m_e ML	3.0
ROTZ	3.06	236.5	Sg	04:40:30.545	1.1					T__				m_e	
GEC2	3.11	211.4	Pn	04:39:42.380	1.1					T__				m_e ML	3.2
GEC2	3.11	211.4	Sg	04:40:31.346	0.4					T__				m_e	
WET	3.17	222.6	Pn	04:39:42.395	0.2					T__				m_e ML	3.1
CLZ	3.60	277.3	Pn	04:39:48.706	0.7					T__				m_e ML	3.3
GRA1	3.63	241.6	Pn	04:39:48.506	0.1					T__				m_e ML	3.6
GRA1	3.63	241.6	Sg	04:40:47.402	-0.1					T__				m_e	

Event 90928002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/28	03:42:44.83	1.53	0.94	50.1960	18.9200	15.6	11.1	096	1.0f		9	6	312	3.23	4.71	m i ki	BGR	90928002

Magnitude	Err	Nsta	Author	OrigID
ML	3.2	0.2	6 BGR	90928002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	3.23	284.0	Pg	03:43:44.708	-1.1					T__				m_e ML	2.9
BRG	3.23	284.0	Sg	03:44:28.688	1.1					T__				m_e	
GEC2	3.65	250.3	Pg	03:43:53.298	-0.2					T__				m_e ML	3.3
GEC2	3.65	250.3	Sg	03:44:40.563	-0.1					T__				m_e	
CLL	3.90	288.8	Pg	03:43:59.872	1.5					T__				m_e ML	3.2
CLL	3.90	288.8	Sg	03:44:49.400	0.5					T__				m_e	

WET	4.05	257.3	Sg	03:44:52.668	-0.8	T__	m_e	ML	3.3
TANN	4.13	275.5	Sg	03:44:55.833	-0.2	T__	m_e	ML	3.1
RJOB	4.71	240.9	Sg	03:45:16.274	1.8	T__	m_e	ML	3.5

Event 90929005 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2009/09/29	08:53:21.76	0.39	0.74	51.5510	16.1400	4.4	2.2	017	1.0f		30	17	201	0.71	3.63	m i ki	BGR	90929005

Magnitude	Err	Nsta	Author	OrigID
ML	3.9	0.4	17 BGR	90929005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.71	172.2	Pg	08:53:35.408	0.2					T__				m_e	ML 3.2
KSP	0.71	172.2	Sg	08:53:45.169	0.7					T__				m_e	
DPC	1.21	174.5	Pg	08:53:44.164	-0.3					T__				m_e	ML 3.8
DPC	1.21	174.5	Sg	08:54:00.089	0.0					T__				m_e	
BRG	1.53	244.6	Pn	08:53:48.734	-0.8					T__				m_e	ML 3.9
BRG	1.53	244.6	Sg	08:54:10.669	0.2					T__				m_e	
FBE	1.85	251.2	Pn	08:53:53.286	-0.6					T__				m_e	ML 3.1
FBE	1.85	251.2	Sg	08:54:20.336	-0.3					T__				m_e	
CLL	1.97	264.1	Pn	08:53:54.626	-0.8					T__				m_e	ML 3.7
MORC	1.98	152.8	Pn	08:53:55.192	-0.4					T__				m_e	ML 3.5
MORC	1.98	152.8	Sg	08:54:23.810	-1.0					T__				m_e	
OKC	2.13	142.6	Pn	08:53:57.045	-0.6					T__				m_e	ML 3.8
OKC	2.13	142.6	Sg	08:54:28.903	-0.6					T__				m_e	
TANN	2.58	245.3	Pn	08:54:03.810	0.1					T__				m_e	ML 4.1
TANN	2.58	245.3	Sg	08:54:43.790	0.1					T__				m_e	
WERD	2.65	246.9	Pn	08:54:04.670	-0.0					T__				m_e	ML 3.8
OJC	2.66	118.6	Pn	08:54:03.515	-1.3					T__				m_e	ML 4.1
OJC	2.66	118.6	Sg	08:54:48.152	1.8					T__				m_e	
MOX	2.98	254.1	Pn	08:54:08.997	-0.1					T__				m_e	ML 4.4
MOX	2.98	254.1	Sg	08:54:57.709	1.2					T__				m_e	
MANZ	2.99	240.0	Pn	08:54:09.842	0.6					T__				m_e	ML 4.2
MANZ	2.99	240.0	Sg	08:54:56.315	-0.5					T__				m_e	
ROTZ	3.07	235.9	Pn	08:54:10.690	0.4					T__				m_e	ML 3.9
ROTZ	3.07	235.9	Sg	08:54:59.067	-0.1					T__				m_e	
GEC2	3.12	210.9	Pn	08:54:12.014	1.0					T__				m_e	ML 4.0
WET	3.18	222.1	Pn	08:54:12.542	0.7					T__				m_e	ML 3.9
CLZ	3.59	276.9	Pn	08:54:18.306	1.0					T__				m_e	ML 4.1
CLZ	3.59	276.9	Sg	08:55:14.819	-0.9					T__				m_e	
GRA1	3.63	241.1	Pn	08:54:18.687	0.7					T__				m_e	ML 4.6
GRA1	3.63	241.1	Sg	08:55:18.101	1.0					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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