

DATA_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 80307001 Wildbad/Black Forest

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/03/07	05:06:49.40	0.04	0.44	48.6276	8.5163	0.8	0.7	156	23.0f		36	10	040			m i ke	LDG	80307021
2008/03/07	05:06:50.14	0.33	0.99	48.6770	8.5770	4.4	3.3	151	10.0f		15	10	120	0.38	3.38	m i ke	BGR	80307011
2008/03/07	05:06:50.07	0.10	0.13	48.6140	8.5300	1.4	1.0	342	23.0	2.0	19	8	096	0.18	1.61	m i ke	LED	80307001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.7	1	LDG	80307021
ML	2.5	0.3	9 LDG	80307021
ML	2.3	0.2	8 BGR	80307011
ML	2.3	0.2	12 LED	80307001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LBG	0.18	74.0	P*	05:06:55.150						T__				mde	ML 2.5
LBG	0.18	74.0	S*	05:06:58.900						T__				m_i	
BFO	0.31	205.2	P*	05:06:57.110						T__				mci	ML 2.5
BFO	0.31	205.2	S*	05:07:02.180						T__				m_e	
TUBL	0.38	103.8	P*	05:06:58.920						---				mdi	ML 2.6
STU	0.47	70.0	Pg	05:06:59.190	-0.5					---	13.9			m_e	ML 2.5
STU	0.47	70.0	Sg	05:07:05.682	-0.6					---	5.0			m_e	
SPAK	0.54	161.5	Pg	05:07:00.960	0.0					T__				m__	
BUCH	0.57	106.5	Pn	05:07:01.010	-1.1					T__				mce	ML 2.8
BUCH	0.57	106.5	Pg	05:07:01.380	-0.1					T__				mdi	
BUCH	0.57	106.5	Sg	05:07:09.470	0.2					T__				m__	
LANF	0.60	307.8	Pg	05:07:01.720	-0.3					T__				mdi	
GUT	0.67	144.2	Pn	05:07:02.480	-1.0					T__				m__	ML 2.3
GUT	0.67	144.2	Pg	05:07:03.070	-0.2					T__				m__	
GUT	0.67	144.2	Sg	05:07:11.970	-0.3					T__				m__	
KIZ	0.77	212.0	Pn	05:07:03.540	-1.4					T__				mce	ML 2.2
KIZ	0.77	212.0	Pg	05:07:04.700	-0.5					T__				m__	
KIZ	0.77	212.0	Sg	05:07:14.900	-0.6					T__				m__	
FELD	0.82	205.6	Pn	05:07:04.270	-1.2					T__				m__	
FELD	0.82	205.6	Pg	05:07:05.620	-0.3					T__				m__	
SWS	0.88	7.3	P	05:07:04.770						---				m__	ML 2.5
SWS	0.88	7.3	Sg	05:07:17.360	-1.4					T__				m__	
SISB	0.97	162.5	P	05:07:08.300						---				m__	ML 2.1
SISB	0.97	162.5	Sg	05:07:21.600	-0.0					---				m__	
ECH	0.99	246.9	P	05:07:06.330						---				m__	
TOD	1.01	10.1	P	05:07:06.460						---				m__	
SIND	1.02	43.4	Pn	05:07:06.560	-1.7					---				m__	ML 2.2
SIND	1.02	43.4	Pg	05:07:08.670	-1.0					---				m__	
HDH	1.11	90.9	Sg	05:07:24.900	-1.0					---				m__	ML 2.1
MOF	1.20	231.2	Pg	05:07:14.930	1.9					---				m__	
UBR	1.41	131.0	Pg	05:07:19.150	2.3					---				mde	ML 2.2
UBR	1.41	131.0	Sg	05:07:40.270	5.0					---				m__	
TNS	1.61	358.1	Pn	05:07:17.188	0.9					---	1.1			m_e	ML 2.1
TNS	1.61	358.1	Sg	05:07:39.800	-1.8					---				m__	
WLF	1.88	304.9	Sg	05:07:50.480	0.4					---	1.3			m_e	ML 2.1
GRA1	2.06	57.5	Pg	05:07:29.456	0.3					---				m_e	ML 2.6
GRA1	2.06	57.5	Sg	05:07:54.449	-1.5					---				m_e	

UBBA	2.40	22.8	Sg	05:08:04.268	-2.4	---	1.6	m_e	ML	2.2
MOX	2.85	43.4	Pn	05:07:34.433	1.4	---	1.0	m_e		
WET	2.91	77.9	Pg	05:07:44.717	-0.3	---	3.3	m_e	ML	2.3
WET	2.91	77.9	Sg	05:08:19.104	-3.6	---	2.7	m_e		
WERD	3.06	51.8	Pg	05:07:47.044	-0.8	---	1.9	m_e	ML	2.2
WERD	3.06	51.8	Sg	05:08:24.859	-2.7	---	2.1	m_e		
TANN	3.12	53.3	Sg	05:08:27.418	-2.1	---	2.2	m_e		
GEC2	3.42	84.2	Sg	05:08:38.332	-0.5	---	2.6	m_e		

Event 80309306 Innsbruck, Hall/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/03/09	17:28:51.70	0.20	0.29	47.3867	10.9537	4.0	2.6	050	25.0	0.0	22	16	271			m i ke	LDG	80309326
2008/03/09	17:28:40.55	0.12	0.94	47.4356	11.4854	1.2	0.6	001	6.8	1.3	28	11	160			m i uk	ZAMG	80309316
2008/03/09	17:28:43.49	0.31		47.3810	11.5930	5.6	4.4	110	10.0f		14	8	100	0.12	2.91	m i ke	BGR	80309306
#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.5	0.5	8 LDG	80309326
ML	2.6	0.3	15 ZAMG	80309316
ML	2.4		BGR	80309306

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.12	165.9	Pg	17:28:45.034	-1.3					T_				m_e	ML 1.6
WTTA	0.12	165.9	Sg	17:28:48.118	-0.2					T_				m_e	
SCE	0.35	166.9	Pg	17:28:49.200	-1.1					---				mdi	ML 2.0
SCE	0.35	166.9	Sg	17:28:55.200	0.2					---				mdi	
FUR	0.81	344.8	Pg	17:28:57.600	-1.3					---				mci	ML 2.1
FUR	0.81	344.8	Sg	17:29:08.400	-1.0					---				mci	
RNON	0.93	66.8	Pg	17:29:03.200	2.1					---				mde	
DAVA	1.16	266.0	Pg	17:29:05.163	-0.3					T_				m_e	ML 2.6
DAVA	1.16	266.0	Sg	17:29:22.788	2.2					T_				m_e	
KBA	1.23	103.6	Pg	17:29:06.623	-0.1					T_				m_e	ML 2.3
KBA	1.23	103.6	Sg	17:29:29.152	6.6					T_				m_e	
MOA	1.86	74.4	Pg	17:29:17.300	-1.3					T_				m_e	ML 2.3
MOA	1.86	74.4	Sg	17:29:44.543	1.8					T_				m_e	
WET	1.96	25.4	Pn	17:29:15.101	-0.8					T_				m_e	ML 2.4
WET	1.96	25.4	Sn	17:29:40.641	1.5					T_				m_e	
GEC2	2.03	43.1	Pn	17:29:16.773	-0.1					T_				m_e	ML 2.4
GRA1	2.32	354.1	Pg	17:29:26.343	-1.0					T_				m_e	ML 3.0
GRA1	2.32	354.1	Sg	17:29:55.541	-1.8					T_				m_e	
NKC	2.91	10.8	Sg	17:30:15.029	-0.9					T_				m_e	ML 2.9
MOX	3.26	0.3	Pg	17:29:43.600	-1.4					---				m_e	
MOX	3.26	0.3	Sn	17:30:10.000	0.2					---				m_e	
MOX	3.26	0.3	Sg	17:30:25.400	-1.8					---				m_e	
CLL	4.03	12.6	Sg	17:30:49.000	-2.6					---				m_e	

Event 80310301 Koblenz/Middle Rhine Area

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
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2008/03/10 00:13:26.90	0.09	0.63	50.2955	7.4214	1.9	1.1	088	10.0	0.0	41	13	126						m i ke LDG	80310321
2008/03/10 00:13:26.35	0.39		50.3120	7.4670	5.6	4.4	157	10.0f		9	6	130	0.63	2.49				m i ke BGR	80310311
2008/03/10 00:13:27.10	1.21	0.51	50.3160	7.4100				8.5	16.4		9	141	0.12	1.08				m i ke BNS	80310301

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.5	1	LDG	80310321
ML	2.4	0.3	11 LDG	80310321
ML	2.2		BGR	80310311
ML	1.6		BNS	80310301

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BGG	0.12	203.0	Pg	00:13:29.870	0.1					T__					
BGG	0.12	203.0	Sg	00:13:31.630	0.0					T__		648.9	0.13	m_e	
KOE	0.23	61.8	Pg	00:13:31.600	-0.1					T__					
STB	0.46	307.7	Pg	00:13:36.500	0.7					T__					
STB	0.46	307.7	Sg	00:13:42.340	0.5					T__		44.1	0.18	m_e	
HILG	0.47	267.3	Pg	00:13:36.380	0.3					T__					
HILG	0.47	267.3	Sg	00:13:42.390	0.2					T__		91.8	0.17	m_e	
BNS	0.66	347.2	Pg	00:13:40.080	0.4					T__					
BNS	0.66	347.2	Sg	00:13:48.250	-0.1					T__		28.3	0.32	m_e	
HOBG	0.67	355.9	Pg	00:13:40.190	0.4					T__					
HOBG	0.67	355.9	Sg	00:13:48.610	0.1					T__		41.7	0.46	m_e	
TNS	0.67	97.6	Pg	00:13:39.181	-0.6					___				m_e ML	2.1
TNS	0.67	97.6	Sg	00:13:46.794	-1.7					___				m_e	
KLL	0.77	295.7	Pg	00:13:41.900	0.2					T__					
KLL	0.77	295.7	Sg	00:13:52.390	0.6					T__		9.0	0.17	m_e	
DREG	0.83	295.3	Pg	00:13:43.000	0.3					T__					
DREG	0.83	295.3	Sg	00:13:52.690	-0.7					T__		15.0	0.19	m_e	
WLF	1.04	231.6	Pg	00:13:45.332	-1.4					___				m_e ML	2.0
WLF	1.04	231.6	Sg	00:14:01.491	1.3					___				m_e	
LAUG	1.08	344.3	Sg	00:14:01.120	-0.2					T__		8.7	0.47	m_e	
BUG	1.13	355.5	Sg	00:14:03.054	0.0					___				m_e ML	1.9
UBBA	1.72	72.0	Sg	00:14:19.518	-2.3					___				m_e ML	2.1
CLZ	2.41	49.5	Pg	00:14:09.929	-2.5					___				m_e ML	2.3
CLZ	2.41	49.5	Sg	00:14:43.000	-0.6					___				m_e	
GRA1	2.53	102.8	Sg	00:14:46.420	-1.0					___				m_e ML	2.7

Event 80310302 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/03/10	01:12:30.40	0.34		51.4290	16.0830	5.6	2.2	017	1.0f		35	14	196	0.60	3.57	m i ki	BGR	80310322

Magnitude	Err	Nsta	Author	OrigID
ML	3.0		BGR	80310322

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
KSP	0.60	167.2	Pg	01:12:42.246	0.5					T__				m_e ML	2.4
KSP	0.60	167.2	Sg	01:12:51.620	2.1					T__				m_e	
DPC	1.09	171.9	Pn	01:12:50.945	-1.2					T__				m_e ML	2.8
DPC	1.09	171.9	Sg	01:13:05.945	0.9					T__				m_e	
FBE	1.78	254.5	Pn	01:12:59.255	-2.3					T__				m_e ML	2.9

LAUG	0.21	117.8	Sg	18:17:45.780	2.1	---	818.4	0.41	m_i		
BUG	0.39	91.0	Pg	18:17:44.793	0.5	T_	22.0		m_e		
BUG	0.39	91.0	Sg	18:17:51.352	2.0	T_	9.4		m_e		
RODG	0.42	224.0	Pg	18:17:44.900	-0.1	---			m_e		
RODG	0.42	224.0	Sg	18:17:51.040	0.6	---	1229.9	0.35	m_e		
BNS	0.59	145.5	Pg	18:17:49.270	1.2	---			mdi		
BNS	0.59	145.5	Sg	18:17:58.240	2.6	---	532.3	0.50	m_i		
HOBG	0.63	137.0	Pg	18:17:50.040	1.1	---			mde		
HOBG	0.63	137.0	Sg	18:17:59.540	2.4	---	582.3	0.38	m_i		
DREG	0.83	198.5	Pg	18:17:52.520	-0.1	---			mde		
KLL	0.83	194.9	Pg	18:17:52.540	-0.1	---			m_e		
STB	0.86	171.9	Pg	18:17:54.560	1.3	---			m_e		
STB	0.86	171.9	Sg	18:18:07.170	2.7	---	266.9	0.54	m_i		
IBBN	1.10	38.2	Pg	18:17:57.238	-0.5	T_	6.7		m_e	ML	3.0
IBBN	1.10	38.2	Sg	18:18:12.088	0.2	T_	4.2		m_e		
HILG	1.16	179.0	Pg	18:17:59.360	0.5	---			mdi		
HILG	1.16	179.0	Sg	18:18:15.400	1.6	---	361.0	0.49	m_e		
KOE	1.23	145.9	Pg	18:18:00.500	0.3	---			mdi		
KOE	1.23	145.9	Sg	18:18:17.040	0.9	---	204.6	0.37	m_e		
BGG	1.32	160.4	Pg	18:18:02.100	0.3	---			m_e		
BGG	1.32	160.4	Sg	18:18:20.110	1.3	---	75.2	0.30	m_e		
TNS	1.67	136.5	Pn	18:18:06.209	-0.4	T_	3.0		m_e	ML	3.1
TNS	1.67	136.5	Sg	18:18:28.332	-1.8	T_	2.7		m_e		
WLF	1.81	190.2	Pg	18:18:10.624	-0.5	T_	11.5		m_e	ML	3.2
WLF	1.81	190.2	Sg	18:18:33.716	-0.9	T_	9.3		m_e		
GTTG	2.07	86.0	Pg	18:18:14.872	-1.1	T_	2.2		m_e	ML	3.2
GTTG	2.07	86.0	Sg	18:18:42.755	0.1	T_	4.2		m_e		
CLZ	2.34	78.9	Pg	18:18:19.892	-1.3	T_	4.9		m_e	ML	3.0
CLZ	2.34	78.9	Sg	18:18:51.544	0.1	T_	3.3		m_e		
NRDL	2.37	62.5	Pg	18:18:21.083	-0.6	T_	2.2		m_e		
ASSE	2.58	73.1	Pg	18:18:25.881	0.2	T_	4.7		m_e	ML	2.9
ASSE	2.58	73.1	Sg	18:18:59.127	0.1	T_	2.3		m_e		
MOX	3.22	102.5	Pn	18:18:28.382	0.7	T_	1.4		m_e	ML	3.1
MOX	3.22	102.5	Pg	18:18:36.760	-1.0	T_	2.0		m_e		
MOX	3.22	102.5	Sg	18:19:18.833	-0.6	T_	2.7		m_e		
BFO	3.30	160.2	Pn	18:18:29.064	0.3	T_	5.9		m_e	ML	3.2
BFO	3.30	160.2	Sg	18:19:23.025	1.1	T_	2.0		m_e		
WERD	3.70	103.5	Pn	18:18:34.849	0.7	T_	3.6		m_e	ML	3.1
WERD	3.70	103.5	Pg	18:18:46.018	-0.8	T_	1.4		m_e		
WERD	3.70	103.5	Sg	18:19:34.466	-0.1	T_	2.8		m_e		
GUNZ	3.74	104.6	Pn	18:18:35.699	1.0	T_	1.8		m_e	ML	3.1
GUNZ	3.74	104.6	Pg	18:18:47.065	-0.5	T_	1.7		m_e		
GUNZ	3.74	104.6	Sg	18:19:36.518	0.6	T_	1.5		m_e		
TANN	3.81	103.5	Pn	18:18:36.684	1.1	T_	3.4		m_e	ML	3.3
TANN	3.81	103.5	Pg	18:18:49.866	1.1	T_	1.3		m_e		
TANN	3.81	103.5	Sg	18:19:38.043	0.1	T_	2.0		m_e		
CLL	3.97	89.6	Pg	18:18:50.000	-1.8	---			m_e	ML	2.9
CLL	3.97	89.6	Sg	18:19:45.000	1.9	---			m_e		
WET	4.60	117.7	Pn	18:18:47.408	1.1	T_	1.6		m_e		
WET	4.60	117.7	Pg	18:19:05.274	1.6	T_	2.3		m_e		
WET	4.60	117.7	Sg	18:20:03.883	0.8	T_	2.0		m_e		
GEC2	5.21	117.2	Pg	18:19:15.312	0.1	T_	1.3		m_e		
GEC2	5.21	117.2	Sg	18:20:23.374	0.8	T_	1.7		m_e		

Event 80313001 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/03/13	00:39:00.50	0.16	0.48	51.4794	6.7138	2.9	1.8	017	1.0f		39	16	243			m i sr	LDG	80313031
2008/03/13	00:39:00.70	0.75	0.21	51.4990	6.7360				1.0f			9	298	0.20	1.35	m i ki	BNS	80313021
2008/03/13	00:39:00.36	0.73	0.24	51.4570	6.7090	7.8	4.4	124	1.0f		7	5	206	0.35	3.19	m i ki	BGR	80313011
2008/03/13	00:38:58.70			51.4920	6.6320				1.0f							m i ki	BUG	80313001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.2	10 LDG	80313031
ML	1.9		BNS	80313021
ML	2.5	0.1	3 BGR	80313011
ML	1.1		BUG	80313001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRHE	0.04	301.8	Pg	00:39:01.300	1.7					T_				m_e	ML 1.1
BRHE	0.04	301.8	Sg	00:39:03.700	3.6					T_				m_e	
LAUG	0.24	125.8	Pg	00:39:04.320	1.1									m_e	
LAUG	0.24	125.8	Sg	00:39:07.700	1.4							88.0	0.35	m_e	
BUG	0.40	97.1	Pg	00:39:06.936	0.7						5.9			m_e	
BUG	0.40	97.1	Sg	00:39:12.024	0.6						10.1			m_e	
RODG	0.45	219.3	Pg	00:39:10.200	3.1									m_e	
BNS	0.63	147.0	Pg	00:39:12.010	1.5									m_e	
HOBG	0.67	138.9	Pg	00:39:12.960	1.6									m_e	
DREG	0.87	197.0	Pg	00:39:17.610	2.6									m_e	
KLL	0.87	193.5	Pg	00:39:17.630	2.6									m_e	
STB	0.91	171.6	Pg	00:39:18.230	2.4									m_e	
STB	0.91	171.6	Sg	00:39:30.330	2.8							47.9	0.29	m_e	
IBBN	1.07	40.1	Sg	00:39:34.336	1.6						3.5			m_e	ML 2.5
HILG	1.20	178.6	Pg	00:39:23.110	1.8									m_e	
HILG	1.20	178.6	Sg	00:39:39.600	2.8							57.3	0.43	m_e	
KOE	1.27	146.6	Pg	00:39:23.300	0.6									m_e	
KOE	1.27	146.6	Sg	00:39:40.770	1.7							35.6	0.25	m_e	
BGG	1.36	160.6	Pg	00:39:25.190	0.8									m_e	
BGG	1.36	160.6	Sg	00:39:43.100	1.2							22.4	0.45	m_e	
TNS	1.71	137.2	Sg	00:39:52.793	-0.2						5.2			m_e	ML 2.6
WLF	1.85	189.6	Pg	00:39:34.658	1.0						2.5			m_e	ML 2.5
WLF	1.85	189.6	Sg	00:39:58.659	1.1						2.7			m_e	
MOX	3.24	103.2	Sg	00:40:41.682	-0.1						2.2			m_e	

Event 80314003 Moers, Ruhr Coal Mining District

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/03/14	16:46:31.20			51.5860	6.5560				5.0f							m i uk	NEIC	80314043
2008/03/14	16:46:33.10	0.12	0.50	51.5823	6.5172	2.1	1.5	015	1.0f		51	19	243			m i sr	LDG	80314033
2008/03/14	16:46:33.20	1.17	0.41	51.5760	6.4870				1.0f			9	284	0.36	1.47	m i ki	BNS	80314023
2008/03/14	16:46:34.03	0.58	0.45	51.4950	6.5060	6.7	3.3	119	1.0f		11	5	216	0.48	3.38	m i ki	BGR	80314013
2008/03/14	16:46:33.70			51.4800	6.5820				1.0f							m i ki	BUG	80314003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0		NEIC	80314043
ML	3.0	0.2	22 LDG	80314033
ML	2.2		BNS	80314023
ML	2.4	0.1	4 BGR	80314013
ML	2.2		BUG	80314003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LAUG	0.26	119.6	Pg	16:46:39.820	1.2										mdi
RODG	0.42	217.0	Pg	16:46:42.510	0.9										m_e
RODG	0.42	217.0	Sg	16:46:49.270	2.3										m_e
BUG	0.43	95.0	Pg	16:46:42.800	1.0					TA_					m_e ML 2.2
BUG	0.43	95.0	Sg	16:46:49.400	2.0					TA_					m_e
BNS	0.64	144.0	Pg	16:46:47.430	1.7										m_e
HOBG	0.68	136.2	Pg	16:46:48.250	1.7										m_e
DREG	0.85	195.2	Pg	16:46:50.500	0.9										m_e
DREG	0.85	195.2	Sg	16:47:03.870	3.3							54.7	0.28		m_e
KLL	0.85	191.6	Pg	16:46:50.610	0.9										m_e
STB	0.90	169.5	Pg	16:46:52.650	2.0										m_e
STB	0.90	169.5	Sg	16:47:06.450	4.1							70.7	0.47		m_e
IBBN	1.10	40.9	Pg	16:46:54.902	0.5						2.6				m_e ML 2.5
IBBN	1.10	40.9	Sg	16:47:09.496	0.8						4.1				m_e
HILG	1.19	177.0	Pg	16:46:57.380	1.3										m_e
KOE	1.28	145.1	Pg	16:46:58.620	0.8										m_e
KOE	1.28	145.1	Sg	16:47:17.270	2.9							96.5	0.16		m_e
BGG	1.36	159.2	Pg	16:46:59.730	0.4										m_e
TNS	1.72	136.2	Pn	16:47:06.047	2.0						2.5				m_e ML 2.4
TNS	1.72	136.2	Pg	16:47:07.225	1.1						12.2				m_e
TNS	1.72	136.2	Sg	16:47:30.119	1.7						2.4				m_e
WLF	1.84	188.7	Pn	16:47:05.974	0.4						1.2				m_e ML 2.5
WLF	1.84	188.7	Pg	16:47:08.681	0.4						4.6				m_e
WLF	1.84	188.7	Sg	16:47:32.087	0.1						3.6				m_e
BFO	3.34	159.7	Pn	16:47:27.041	1.0						1.7				m_e

Event 80316001 Eastern Totes Gebirge/A

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/03/16	07:26:43.95	0.25		47.6010	14.2801	2.8	2.3	142	7.0	0.0	8	5	095			m i fe	ZAMG	80316011
2008/03/16	07:26:44.86	0.24	1.05	47.6140	14.2600	3.3	3.3	078	10.0f		31	16	111	0.24	4.62	m i ke	BGR	80316001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		ZAMG	80316011
ML	2.6	0.5	16 BGR	80316001

Effects	Loctyp	Location	Intensity	Scale	Author
F	Summar		4.0	EMS	ZAMG

(Felt in Liezen, Steiermark)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MOA	0.24	1.0	Pg	07:26:48.495	-1.1					T_	57.0				m_e ML 1.5

MOA	0.24	1.0	Sg	07:26:53.251	0.4	T__		m_e	
KBA	0.82	229.5	Pg	07:26:59.194	-1.2	T__	9.4	m_e ML	1.9
KBA	0.82	229.5	Sg	07:27:10.589	-0.5	T__		m_e	
BGLD	0.84	273.1	Pg	07:27:00.500	-0.3	__		mci ML	2.2
ARSA	0.93	112.6	Pg	07:27:01.476	-1.0	T__	15.6	m_e ML	1.7
ARSA	0.93	112.6	Sg	07:27:14.205	-0.3	T__		m_e	
RJOB	0.99	277.7	Sg	07:27:20.559	4.0	__		m_e	
OBKA	1.12	169.8	Pg	07:27:05.193	-0.9	T__	15.5	m_e ML	2.1
OBKA	1.12	169.8	Sg	07:27:20.364	-0.3	T__		m_e	
GEC2	1.29	343.4	Pn	07:27:08.195	0.0	T__	85.3	m_e ML	2.6
GEC2	1.29	343.4	Sg	07:27:26.128	0.3	T__		m_e	
WET	1.78	329.6	Pn	07:27:15.885	1.0	T__	25.1	m_e ML	2.7
WET	1.78	329.6	Sg	07:27:40.982	-0.6	T__		m_e	
WTTA	1.81	259.8	Pn	07:27:17.624	2.4	T__	26.3	m_e	
WTTA	1.81	259.8	Sg	07:27:43.433	1.0	T__		m_e	
SCE	1.82	252.5	Pn	07:27:17.900	2.5	__		mci ML	2.6
SCE	1.82	252.5	Sg	07:27:43.100	0.3	__		mci	
FUR	2.08	286.4	Pg	07:27:23.043	-1.0	T__	2.9	m_e ML	2.9
FUR	2.08	286.4	Sg	07:27:50.273	-0.6	T__		m_e	
GRC1	2.29	308.2	Sg	07:27:56.713	-0.8	__		m_e ML	2.5
GRB3	2.37	317.7	Pn	07:27:24.458	1.5	__		m_e ML	3.1
GRB3	2.37	317.7	Sg	07:27:58.550	-1.8	__		m_e	
PRU	2.38	4.4	Sg	07:27:59.522	-1.0	__		m_e	
GRB2	2.39	314.9	Pn	07:27:24.632	1.5	__		m_e	
GRB1	2.48	316.8	Pn	07:27:24.651	0.3	__		m_e ML	3.4
GRB1	2.48	316.8	Sg	07:28:02.872	-0.8	__		m_e	
ROTZ	2.54	328.6	Sg	07:28:04.492	-1.2	__		m_e ML	2.8
MANZ	2.76	329.9	Pn	07:27:29.564	1.4	__		m_e	
MANZ	2.76	329.9	Sg	07:28:11.299	-1.4	__		m_e	
NKC	2.88	336.2	Sg	07:28:15.837	-0.5	__		m_e	
GRA1	2.89	317.1	Sg	07:28:16.701	0.0	__		m_e ML	3.3
WERN	2.95	335.9	Sg	07:28:17.674	-0.8	__		m_e	
DAVA	2.98	265.3	Pg	07:27:40.270	-0.8	T__	2.5	m_e	
DAVA	2.98	265.3	Sg	07:28:19.475	-0.1	T__		m_e	
GUNZ	3.03	336.0	Pn	07:27:32.282	0.5	__		m_e ML	2.9
GUNZ	3.03	336.0	Sg	07:28:19.785	-1.3	T__		m_e	
TANN	3.04	337.8	Pn	07:27:33.339	1.4	T__	3.6	m_e ML	3.0
TANN	3.04	337.8	Pg	07:27:42.268	0.1	T__	1.6	m_e	
TANN	3.04	337.8	Sg	07:28:20.414	-1.0	T__		m_e	
WERD	3.11	336.4	Pn	07:27:33.673	0.8	T__	3.0	m_e ML	2.9
WERD	3.11	336.4	Sg	07:28:22.898	-0.8	T__		m_e	
PLN	3.18	335.1	Sg	07:28:25.237	-0.8	__		m_e	
BRG	3.27	356.5	Sg	07:28:28.131	-0.5	T__		m_e	
MOX	3.49	331.3	Pn	07:27:39.556	1.5	T__	5.1	m_e ML	3.0
MOX	3.49	331.3	Pg	07:27:50.566	-0.1	T__	0.4	m_e	
MOX	3.49	331.3	Sg	07:28:35.376	-0.4	T__		m_e	
CLL	3.78	348.0	Pn	07:27:42.000	-0.0	__		m_e ML	2.6
CLL	3.78	348.0	Sn	07:28:28.000	4.6	__		m_e	
CLL	3.78	348.0	Sg	07:28:44.000	-1.1	__		m_e	
BFO	4.03	282.4	Pn	07:27:46.963	1.5	T__	1.9	m_e	
BFO	4.03	282.4	Sg	07:28:52.394	-0.6	T__		m_e	
TNS	4.62	306.5	Pn	07:27:55.608	2.2	T__	2.8	m_e	

Event 80317301 Zug, Schwyz/Ch, Zuger See

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/03/17	00:08:23.10	0.05	0.47	47.0286	8.6423	1.0	0.7	105	10.0	0.0	76	24	066			m i ke	LDG	80317321
2008/03/17	00:08:25.29	1.71		47.1520	8.6210	16.7	7.8	020	10.0f		6	4	291	1.19	2.67	m i ke	BGR	80317311
2008/03/17	00:08:22.70			47.0400	8.6600				7.0							m i uk	SED	80317301

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.5	0.1	3 LDG	80317321
ML	2.4	0.3	24 LDG	80317321
ML	2.3		BGR	80317311
ML	2.1		SED	80317301

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	1.31	350.3	Pg	00:08:47.721	0.3					---				m_e	ML 2.1
BFO	1.31	350.3	Sg	00:09:03.417	-0.9					---				m_e	
STU	1.77	11.5	Sg	00:09:18.975	0.1					---				m_e	ML 2.2
FUR	2.09	56.6	Sg	00:09:30.826	1.7					---				m_e	ML 2.6
GRC1	2.74	43.3	Pg	00:09:14.285	0.0					---				m_e	ML 2.5
GRC1	2.74	43.3	Sg	00:09:50.019	0.4					---				m_e	

Event 80318002 Southern Tuxer Alps/A, S of Innsbruck

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/03/18	11:03:43.30			47.0910	11.3290				5.0							m i uk	NEIC	80318042
2008/03/18	11:03:44.00	0.08	0.68	47.2829	11.4331	2.4	1.5	012	10.0f		84	33	041			m i ke	LDG	80318032
2008/03/18	11:03:44.30	1.00	0.83	47.1800	11.3500	11.0	9.0	353	10.0f		43	18	311	0.98	3.69	m i ke	LED	80318022
2008/03/18	11:03:42.27	0.12	0.96	47.1288	11.3721	1.1	0.8	009	11.8	1.5	51	13	140			m i fe	ZAMG	80318012
2008/03/18	11:03:44.21	0.32	1.00	47.1180	11.4740	4.4	3.3	014	10.0f		27	15	174	0.18	3.82	m i ke	BGR	80318002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.4		NEIC	80318042
MD	3.4	0.1	2 LDG	80318032
ML	3.4	0.2	21 LDG	80318032
ML	3.4	0.1	11 LED	80318022
ML	3.5	0.3	18 ZAMG	80318012
ML	3.5	0.3	20 BGR	80318002

Effects	Loctyp	Location	Intensity	Scale	Author
F	Summar		4.0	EMS	ZAMG

(Felt in Innsbruck, Inntal, and Wipptal)

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SCE	0.18	116.2	Pg	11:03:48.400	0.4					---				mdi	ML 3.3
SCE	0.18	116.2	Sg	11:03:52.300	1.7					---				mdi	
WTTA	0.18	37.0	Pg	11:03:47.654	-0.4					T_	512.0			m_e	
PART	0.45	327.3	Pg	11:03:50.400	-2.5					---				mci	ML 2.7
PART	0.45	327.3	Sg	11:03:56.200	-2.6					---				mci	
OBER	0.85	290.3	Pg	11:03:57.500	-2.8					---				mci	ML 2.9

OBER	0.85	290.3	Sg	11:04:08.700	-2.7			mce	
FUR	1.05	352.8	Pg	11:04:03.320	-0.8	T__	11.6	m_e ML	3.6
FUR	1.05	352.8	Sg	11:04:17.320	-0.5	T__	25.5	m_e	
UBR	1.08	301.8	P*	11:04:02.530				m__ ML	3.8
UBR	1.08	301.8	Pg	11:04:04.610	-0.1			m__	
UBR	1.08	301.8	S*	11:04:16.640				m__	
UBR	1.08	301.8	Sg	11:04:20.740	2.0			m__	
RJOB	1.09	54.8	Pn	11:04:04.386	-0.5			m_e	
RJOB	1.09	54.8	Pg	11:04:06.898	2.1			m_e	
DAVA	1.10	279.4	Pg	11:04:05.118	0.2	T__	19.4	m_e ML	3.5
DAVA	1.10	279.4	Sg	11:04:18.476	-0.7	T__	17.5	m_e	
BGLD	1.17	62.3	Pn	11:04:06.000	0.0			mci ML	3.0
BGLD	1.17	62.3	Sn	11:04:25.500	4.2			mce	
KBA	1.27	91.1	Pg	11:04:08.107	-0.2	T__	106.1	m_e ML	3.0
KBA	1.27	91.1	Sg	11:04:25.632	0.9	T__	5.8	m_e	
HDH	1.69	330.4	P	11:04:11.780				m__ ML	3.6
HDH	1.69	330.4	Pg	11:04:13.940	-2.3			m__	
HDH	1.69	330.4	S	11:04:32.910				m__	
HDH	1.69	330.4	Sg	11:04:36.130	-2.0			m__	
NORI	1.70	340.8	Pn	11:04:12.000	-1.1			mci ML	3.6
NORI	1.70	340.8	Sn	11:04:33.000	-0.8			mci	
SISB	1.79	289.4	P	11:04:14.960				m__ ML	3.6
SISB	1.79	289.4	Pg	11:04:15.810	-2.2			m__	
SISB	1.79	289.4	Sg	11:04:39.520	-1.7			m__	
GUT	1.85	301.8	P	11:04:14.300				md__ ML	3.4
GUT	1.85	301.8	Pg	11:04:16.700	-2.5			m__	
GUT	1.85	301.8	Sg	11:04:40.000	-3.2			m__	
GRC1	1.88	0.9	Pn	11:04:14.521	-1.0			m_e ML	3.8
GRC1	1.88	0.9	Sg	11:04:41.907	-2.0			m_e	
BUCH	1.95	313.8	P	11:04:15.760				m__ ML	3.9
BUCH	1.95	313.8	Pg	11:04:16.990	-4.0			m__	
BUCH	1.95	313.8	Sg	11:04:43.310	-2.9			m__	
MOA	2.02	67.8	Pn	11:04:19.393	1.9	T__	2.7	m_e ML	3.2
MOA	2.02	67.8	Pg	11:04:21.571	-0.8	T__	14.8	m_e	
MOA	2.02	67.8	Sg	11:04:50.040	1.5	T__	6.4	m_e	
SPAK	2.06	299.5	P	11:04:17.570				m__	
TUBL	2.13	312.1	P	11:04:19.410				m__ ML	3.4
TUBL	2.13	312.1	S	11:04:44.100				m__	
TUBL	2.13	312.1	Sg	11:04:49.550	-2.5			m__	
OBKA	2.19	105.0	Pg	11:04:24.280	-1.2	T__	21.1	m_e ML	3.2
OBKA	2.19	105.0	Sg	11:04:54.690	0.8	T__	4.7	m_e	
WET	2.23	24.3	Pn	11:04:20.447	0.1	T__	17.5	m_e ML	3.4
WET	2.23	24.3	Sn	11:04:47.755	1.5	T__	3.0	m_e	
WET	2.23	24.3	Sg	11:04:53.899	-1.3	T__	3.8	m_e	
STU	2.25	318.1	Pg	11:04:26.420	-0.2	T__	1.8	m_e ML	3.5
STU	2.25	318.1	Sg	11:04:51.898	-3.9			m_e	
GRB1	2.28	2.9	Pn	11:04:19.608	-1.3			m_e ML	4.1
GRB1	2.28	2.9	Sg	11:04:54.425	-2.1			m_e	
GEC2	2.28	40.0	Pn	11:04:21.913	0.9	T__	10.0	m_e ML	3.1
GEC2	2.28	40.0	Sg	11:04:55.928	-0.8	T__	3.7	m_e	
LBG	2.37	311.7	P	11:04:21.630				m__ ML	3.4
LBG	2.37	311.7	S	11:04:48.320				m__	
BFO	2.44	301.0	Pn	11:04:22.751	-0.4	T__	12.6	m_e ML	3.2
BFO	2.44	301.0	Sn	11:04:51.653	0.5	T__	2.9	m_e	

BFO	2.44	301.0	Sg	11:04:58.340	-3.4	---	m_		
FELD	2.46	289.2	P	11:04:23.740		---	m_		
FELD	2.46	289.2	S	11:04:52.030		---	m_		
FELD	2.46	289.2	Sg	11:04:58.900	-3.6	---	m_		
KIZ	2.54	290.6	P	11:04:24.740		---	m_	ML	3.3
KIZ	2.54	290.6	S	11:04:52.030		---	m_		
KIZ	2.54	290.6	Sg	11:05:01.070	-4.0	---	m_		
SIND	2.55	331.5	P	11:04:23.620		---	m_	ML	3.3
SIND	2.55	331.5	Pg	11:04:30.140	-2.2	---	m_		
SIND	2.55	331.5	Sg	11:05:02.930	-2.5	---	m_		
GRA1	2.58	356.4	Sg	11:05:03.843	-2.4	---	m_e	ML	3.8
FBB	2.60	291.2	P	11:04:40.560		---	m_		
ROTZ	2.69	10.1	Pn	11:04:25.283	-1.3	---	m_e		
ROTZ	2.69	10.1	Sn	11:04:57.067	-0.1	---	m_e		
ROTZ	2.69	10.1	Sg	11:05:07.633	-2.2	---	m_e		
BBS	2.71	278.8	Pn	11:04:27.800	0.9	---	m_		
ARSA	2.75	85.8	Pg	11:04:35.371	-0.8	T_	m_e	ML	2.9
ARSA	2.75	85.8	Sg	11:05:10.227	-1.5	T_	m_e		
MANZ	2.90	8.1	Sn	11:05:02.005	0.0	---	m_e		
SWS	3.00	323.1	P	11:04:29.900		---	m_	ML	3.4
SWS	3.00	323.1	Pn	11:04:30.640	-0.1	---	m_		
SWS	3.00	323.1	S	11:05:02.510		---	m_		
MOF	3.02	285.6	P	11:04:29.880		---	m_		
MOF	3.02	285.6	Sg	11:05:16.960	-3.3	---	m_		
TOD	3.06	325.5	P	11:04:31.080		---	m_		
TOD	3.06	325.5	S	11:05:03.730		---	m_		
LANF	3.08	308.6	P	11:04:31.600		---	m_		
ECH	3.11	292.3	Pn	11:04:32.400	0.2	---	m_		
ECH	3.11	292.3	Sg	11:05:19.580	-3.4	---	m_		
KTD	3.15	315.5	P	11:04:32.940		---	m_		
LOMF	3.16	275.9	P	11:04:18.580		---	m_		
NKC	3.18	11.3	Sn	11:05:09.700	1.1	---	m_e		
WERN	3.22	10.3	Sg	11:05:24.056	-2.6	---	m_e		
GUNZ	3.29	9.6	Sn	11:05:11.768	0.5	T_	m_e	ML	3.8
TANN	3.36	10.8	Sn	11:05:14.012	1.2	T_	m_e	ML	3.9
WERD	3.37	9.0	Sg	11:05:29.569	-1.9	---	m_e		
PLN	3.40	7.4	Sn	11:05:13.834	0.2	---	m_e		
PLN	3.40	7.4	Sg	11:05:30.717	-1.4	---	m_e		
PRU	3.52	34.1	Pn	11:04:39.378	1.6	---	m_e		
MOX	3.53	1.5 (Pn)		11:04:36.200	-1.7	---	mce	ML	3.6
MOX	3.53	1.5	Sn	11:05:17.274	0.5	T_	m_e		
MOX	3.53	1.5	Sg	11:05:33.473	-2.8	---	m_e		
TNS	3.69	328.4	Pn	11:04:40.237	0.1	T_	m_e	ML	3.7
TNS	3.69	328.4	Sn	11:05:19.685	-0.9	T_	m_e		
ABH	3.79	318.2	P	11:04:42.050		---	m_		
UBBA	3.82	345.9	Pn	11:04:41.899	-0.1	---	m_e	ML	3.4
CLL	4.31	12.8	Pg	11:05:07.000	1.6	---	mce	ML	3.4
CLL	4.31	12.8	Sn	11:05:38.000	2.9	---	mce		
CLL	4.31	12.8	Sg	11:05:59.200	-1.9	---	mci		

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/03/18	16:42:12.62	0.19	0.38	47.1460	11.3504	1.5	1.2	165	12.1	1.8	20	7	137			m i fe	ZAMG	80318013
(felt)																		
2008/03/18	16:42:16.27	0.87	0.52	47.2720	11.3430	11.1	4.4	160	10.0f		8	4	255	2.13	3.23	m i ke	BGR	80318003
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.6	0.3	11 ZAMG	80318013
ML	2.1	0.1	3 BGR	80318003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WET	2.13	28.1	Pn	16:42:50.389	-0.7					T__	1.6			m_e	ML 2.1
WET	2.13	28.1	Sg	16:43:24.394	0.3					T__				m_e	
GEC2	2.23	44.2	Pn	16:42:52.579	0.2					T__	1.2			m_e	ML 2.0
GEC2	2.23	44.2	Sg	16:43:26.431	-0.6					T__				m_e	
BFO	2.28	298.7	Pn	16:42:53.801	0.7					T__	0.9			m_e	ML 2.3
BFO	2.28	298.7	Pg	16:42:59.409	0.1					T__				m_e	
BFO	2.28	298.7	Sg	16:43:28.385	-0.5					T__				m_e	
TANN	3.23	12.8	Sg	16:43:59.293	0.4					T__				m_e	

Event 80319301 Koenigstuhl, Turracher Hoehe/A, NE of Spittal

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/03/19	04:50:42.70			46.6820	13.6080				9.0							m i uk	NEIC	80319321
2008/03/19	04:50:41.68	0.13	0.47	46.7460	13.6766	0.9	0.8	107	11.5	1.3	30	6	134			m i fe	ZAMG	80319311
2008/03/19	04:50:44.93	0.47		46.8100	13.6700	5.6	4.4	175	10.0f		23	13	211	0.35	4.52	m i ke	BGR	80319301
(#PRIME)																		

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		NEIC	80319321
ML	3.1	0.3	8 ZAMG	80319311
ML	3.1		BGR	80319301

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
KBA	0.35	320.5	Pg	04:50:50.233	-1.5					T__				m_e	ML 2.4
KBA	0.35	320.5	Sg	04:50:55.628	-0.7					T__				m_e	
BGLD	0.95	332.3	Pg	04:51:01.100	-1.9					___				mdi	ML 2.9
BGLD	0.95	332.3	Sg	04:51:14.800	-0.5					___				mdi	
MOA	1.12	21.0	Pn	04:51:05.850	-0.1					T__				m_e	ML 2.7
MOA	1.12	21.0	Sg	04:51:22.699	2.2					T__				m_e	
ARSA	1.34	70.1	Pn	04:51:07.588	-1.4					T__				m_e	ML 2.4
ARSA	1.34	70.1	Sg	04:51:26.156	-1.4					T__				m_e	
SCE	1.36	280.4	Pg	04:51:06.800	-3.8					___				mci	ML 3.1
GEC2	2.04	0.6	Pn	04:51:18.976	0.6					T__				m_e	
GEC2	2.04	0.6	Sg	04:51:49.403	-0.2					T__				m_e	
FUR	2.11	310.8	Pg	04:51:23.617	-1.1					T__				m_e	ML 3.8
FUR	2.11	310.8	Sg	04:51:51.401	-0.6					T__				m_e	
WET	2.39	347.5	Pn	04:51:23.469	0.2					T__				m_e	ML 2.9
DAVA	2.63	281.8	Pn	04:51:27.229	0.8					T__				m_e	ML 3.3

DAVA	2.63	281.8	Sg	04:52:08.771	0.4	T__	m_e		
GRA1	3.31	331.4	Pg	04:51:45.596	-1.7	T__	m_e ML	3.6	
GRA1	3.31	331.4	Sg	04:52:28.105	-2.0	T__	m_e		
TANN	3.69	348.0	Pn	04:51:41.389	0.5	T__	m_e ML	3.2	
BFO	3.91	294.8	Pn	04:51:44.529	0.7	T__	m_e ML	3.3	
BFO	3.91	294.8	Sg	04:52:48.529	-0.6	T__	m_e		
MOX	4.07	341.3	Pn	04:51:46.077	0.1	T__	m_e ML	3.3	
MOX	4.07	341.3	Sn	04:52:32.154	2.0	T__	m_e		
MOX	4.07	341.3	Sg	04:52:54.000	-0.2	---	mce		
BRG	4.07	2.4	Sg	04:52:53.586	-0.6	T__	m_e ML	3.2	
CLL	4.52	354.7	Pn	04:51:52.715	0.6	T__	m_e ML	3.4	
CLL	4.52	354.7	Pg	04:52:13.000	2.9	---	mce		
CLL	4.52	354.7	Sg	04:53:07.637	-0.9	T__	m_e		

Event 80325007 Offenburg/Upper Rhine Graben, French-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/03/25	13:17:18.80	0.05	0.65	48.4422	7.8055	1.1	0.8	163	10.0	0.0	37	16	041			m i ke	LDG	80325027
2008/03/25	13:17:18.62	0.27	0.37	48.4490	7.8000	3.3	3.3	115	10.0f		15	13	077	0.14	1.82	m i ke	BGR	80325017
2008/03/25	13:17:18.69	0.13	0.10	48.4360	7.8260	1.9	0.7	355	5.0f		12	7	115	0.32	1.70	m i ke	LED	80325007

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.7	0.2	3 LDG	80325027
ML	2.8	0.3	16 LDG	80325027
ML	2.1	0.4	3 BGR	80325017
ML	2.3	0.1	11 LED	80325007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STR	0.16	342.9	Pg	13:17:22.050	0.3					---	2.8			m_e	
LIBD	0.32	207.5	P*	13:17:25.410						T__				m__	
BFO	0.35	107.4	P*	13:17:25.600						T__				mci ML	2.3
BFO	0.35	107.4	S*	13:17:30.370						T__				m_i	
KIZ	0.48	172.7	P*	13:17:29.200						---				m__	
KIZ	0.48	172.7	S*	13:17:34.720						T__				m__	
KIZ	0.48	172.7	SmS	13:17:38.450	-2.2					---				m__	
ECH	0.50	243.9	P*	13:17:28.140						T__				m_i	
ECH	0.50	243.9	S*	13:17:34.680						---				m__	
LANF	0.54	358.6	P*	13:17:29.040						T__				m__	
FELD	0.57	168.0	P*	13:17:29.740						T__				m__	
FELD	0.57	168.0	SmS	13:17:40.110	-2.6					T__				m__	
LBG	0.68	70.1	P*	13:17:32.190						T__				m__ ML	2.3
LBG	0.68	70.1	S*	13:17:41.860						T__				m__	
LBG	0.68	70.1	SmS	13:17:43.230	-2.2					T__				m__	
SPAK	0.72	117.2	P*	13:17:32.850						---				m__	
MOF	0.75	218.6	P*	13:17:33.180						---				m__	
TUBL	0.84	83.6	P*	13:17:35.260						---				m__ ML	2.5
KTD	0.90	10.8	P*	13:17:36.170						---				m__	
GUT	0.93	112.6	P*	13:17:36.940						---				m__ ML	2.6
GUT	0.93	112.6	PmP	13:17:38.080	-0.5					---				m__	
GUT	0.93	112.6	S*	13:17:49.440						---				m__	
STU	0.96	69.2	Pg	13:17:37.256	0.4					---	4.4			m_e ML	2.2

STU	0.96	69.2	Sg	13:17:50.069	0.7	---	m_e		
BBS	0.99	192.4	P	13:17:37.100		---	m_		
BUCH	1.01	88.7	P	13:17:38.290		---	mc_	ML	2.4
BUCH	1.01	88.7	S	13:17:52.060		---	m_		
BUCH	1.01	88.7	SmS	13:17:52.670	-1.8	---	m_		
SISB	1.07	134.2	P	13:17:39.420		---	m_	ML	2.5
SISB	1.07	134.2	PmP	13:17:39.780	-1.1	---	m_		
SISB	1.07	134.2	S	13:17:53.950		---	m_		
SWS	1.20	28.4	Pg	13:17:41.340	0.1	---	m_	ML	2.3
THEF	1.24	261.0	P	13:17:40.400		---	m_		
THEF	1.24	261.0	Pg	13:17:41.950	-0.0	---	m_		
LOMF	1.28	212.0	Pg	13:17:42.620	-0.1	---	m_		
TOD	1.33	28.4	Pg	13:17:44.160	0.3	---	m_		
ABH	1.46	352.9	Pg	13:17:45.770	-0.4	---	m_		
SIND	1.48	51.4	Pg	13:17:45.780	-0.9	---	m_	ML	2.2
SIND	1.48	51.4	Sg	13:18:05.680	-0.2	---	m_		
HDH	1.58	83.7	Pg	13:17:48.420	-0.1	---	m_	ML	2.3
HDH	1.58	83.7	Sg	13:18:09.310	0.3	---	m_		
WLF	1.65	318.9	Sg	13:18:09.904	-1.1	---	m_e		
UBR	1.70	115.5	Sg	13:18:14.060	1.3	---	m_	ML	2.4
TNS	1.83	12.5	Sg	13:18:16.170	-0.7	---	m_e	ML	2.5

Event 80325005 Offenburg/Upper Rhine Graben, French-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/03/25	16:05:09.30	0.05	0.58	48.4485	7.8083	1.2	0.8	156	10.0	0.0	32	15	041			m i ke	LDG	80325025
2008/03/25	16:05:09.20	0.23	0.47	48.4590	7.8240	2.2	2.2	146	5.0f		23	21	058	0.13	3.90	m i ke	BGR	80325015
2008/03/25	16:05:09.17	0.22	0.12	48.4380	7.8260	2.2	0.9	349	7.5	7.0	14	7	115	0.32	1.83	m i ke	LED	80325005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.7	0.0	2 LDG	80325025
ML	2.7	0.4	16 LDG	80325025
ML	2.2	0.5	5 BGR	80325015
ML	2.3	0.2	12 LED	80325005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STR	0.15	342.7	Pg	16:05:12.644	0.3						2.2			m_e	
LIBD	0.32	207.4	P*	16:05:15.940						T_				m_	
LIBD	0.32	207.4	S*	16:05:20.980						T_				m_	
BFO	0.35	107.7	P*	16:05:16.180						T_				mci	ML 2.3
BFO	0.35	107.7	S*	16:05:20.890						T_				m_i	
KIZ	0.49	172.7	P*	16:05:19.420										m_	
KIZ	0.49	172.7	S*	16:05:25.060						T_				m_	
KIZ	0.49	172.7	SmS	16:05:28.240	-2.5									m_	
ECH	0.50	243.7	P*	16:05:18.690						T_				mci	
ECH	0.50	243.7	S*	16:05:25.430						T_				m_	
FELD	0.57	168.0	P*	16:05:20.290						T_				mde	
LBG	0.68	70.2	P*	16:05:22.110						T_				mci	ML 2.0
LBG	0.68	70.2	PmP	16:05:22.820	-2.0					T_				m_	
LBG	0.68	70.2	S*	16:05:31.890						T_				m_	
LBG	0.68	70.2	SmS	16:05:33.310	-2.2					T_				m_	

KLL	0.86	192.6	Pg	09:46:00.690	1.2	---												m_e	
STB	0.90	170.5	Pg	09:46:01.800	1.5	---												m_e	
STB	0.90	170.5	Sg	09:46:13.630	1.6	---						38.9	0.48					m_e	
IBBN	1.09	40.5	Pg	09:46:04.513	0.7	---					1.5							m_e	ML 2.2
IBBN	1.09	40.5	Sg	09:46:19.333	1.5	---												m_e	
KOE	1.28	145.8	Pg	09:46:07.830	0.5	---												m_e	
BGG	1.36	159.9	Pg	09:46:09.220	0.3	---												m_e	
TNS	1.72	136.7	Pg	09:46:15.932	0.3	---					2.0							m_e	ML 2.2
TNS	1.72	136.7	Sg	09:46:37.928	0.1	---												m_e	
WLF	1.84	189.2	Sg	09:46:41.426	-0.5	---												m_e	ML 2.4
CLZ	2.36	79.9	Pg	09:46:28.493	0.7	---					1.7							m_e	
CLZ	2.36	79.9	Sg	09:46:58.751	0.4	---												m_e	

Event 943115 Offenburg/Upper Rhine Graben, French-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/03/27	05:00:12.20	0.05	0.57	48.4374	7.8100	1.2	0.8	163	10.0	0.0	40	14	048				m i ke LDG	943125
2008/03/27	05:00:12.21	0.20	0.10	48.4340	7.8310	2.2	1.0	338	7.0f		11	7	114	0.32	1.70		m i ke LED	943115

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.6	0.1	3 LDG	943125
ML	2.4	0.3	15 LDG	943125
ML	1.9	0.2	11 LED	943115

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
LIBD	0.32	208.2	P*	05:00:18.940						---					m_
LIBD	0.32	208.2	S*	05:00:23.960						T_					m_
BFO	0.35	107.2	P*	05:00:19.100						T_				mdi	ML 1.9
BFO	0.35	107.2	S*	05:00:23.880						T_				m_i	
KIZ	0.48	173.0	P*	05:00:21.460						T_				md	ML 1.5
KIZ	0.48	173.0	PmP	05:00:22.640	-2.3					---				m_	
KIZ	0.48	173.0	S*	05:00:28.130						T_				m_	
KIZ	0.48	173.0	SmS	05:00:31.650	-2.1					---				m_	
ECH	0.50	244.2	P*	05:00:21.640						T_				m_	
LANF	0.55	358.2	P*	05:00:22.520						T_				m_	
FELD	0.57	168.2	P*	05:00:23.240						T_				m_	
FELD	0.57	168.2	PmP	05:00:24.460	-1.7					---				m_	
LBG	0.68	69.8	P*	05:00:25.060						T_				mc	ML 1.8
LBG	0.68	69.8	PmP	05:00:25.870	-2.0					T_				m_	
LBG	0.68	69.8	S*	05:00:35.150						T_				m_	
SPAK	0.72	117.2	P*	05:00:26.710						---				m_	
SPAK	0.72	117.2	PmP	05:00:27.440	-1.0					---				m_	
MOF	0.75	218.9	P*	05:00:26.620						---				m_	
TUBL	0.83	83.4	S*	05:00:39.490						---				m_	ML 2.1
GUT	0.93	112.5	P	05:00:30.060						---				m_	ML 2.1
GUT	0.93	112.5	Pg	05:00:30.560	0.8					---				m_	
GUT	0.93	112.5	S	05:00:42.050						---				m_	
GUT	0.93	112.5	Sg	05:00:43.460	1.7					---				m_	
BUCH	1.01	88.5	P	05:00:31.570						---				m_	ML 2.1
BUCH	1.01	88.5	Pg	05:00:31.890	0.6					---				m_	
BUCH	1.01	88.5	S	05:00:44.590						---				m_	

BUCH	1.01	88.5	Sg	05:00:45.600	1.2	---	m__													
SISB	1.06	134.2	P	05:00:32.980		---	mc_	ML	1.9											
SISB	1.06	134.2	Pg	05:00:33.250	0.9	---	m__													
SISB	1.06	134.2	S	05:00:46.080		---	m__													
SWS	1.20	28.2	Pg	05:00:35.120	0.3	---	m__	ML	1.7											
SWS	1.20	28.2	Sg	05:00:50.940	0.7	---	m__													
THEF	1.24	261.1	Pg	05:00:35.370	-0.2	---	m__													
SIND	1.48	51.2	Pg	05:00:39.460	-0.7	---	m__	ML	1.6											
SIND	1.48	51.2	Sg	05:01:00.060	0.7	---	m__													
HDH	1.58	83.7	Pg	05:00:42.300	0.3	---	m__	ML	2.0											
HDH	1.58	83.7	Sg	05:01:02.620	0.1	---	m__													
UBR	1.70	115.5	Pg	05:00:45.260	1.0	---	m__	ML	2.0											
UBR	1.70	115.5	Sg	05:01:07.420	1.2	---	m__													

Event 80331307 Offenburg/Upper Rhine Graben, French-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2008/03/31	20:52:05.60	0.05	0.69	48.4468	7.8135	1.1	0.8	160	10.0	0.0	43	17	033			m i ke	LDG	80331327
2008/03/31	20:52:05.90	0.59		48.4600	7.8210	8.9	4.4	031	10.0f		10	6	207	0.36	2.55	m i ke	BGR	80331317
2008/03/31	20:52:05.62	0.17	0.13	48.4350	7.8250	1.2	0.9	020	7.0	5.0	16	8	100	0.16	1.70	m i ke	LED	80331307

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
MD	2.5	0.1	3 LDG	80331327
ML	2.5	0.4	17 LDG	80331327
ML	1.8		BGR	80331317
ML	2.0	0.2	11 LED	80331307

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
STR	0.16	343.2	P*	20:52:08.930						T__				m__	
LIBD	0.32	207.5	S*	20:52:16.530						T__				m__	
BFO	0.35	107.2	P*	20:52:12.550						T__				mci	ML 2.0
BFO	0.35	107.2	S*	20:52:17.320						T__				m_i	
KIZ	0.48	172.6	P*	20:52:14.930						T__				mdi	ML 1.5
KIZ	0.48	172.6	S*	20:52:21.570						T__				m__	
KIZ	0.48	172.6	SmS	20:52:24.820	-2.4					T__				m__	
ECH	0.49	243.9	P*	20:52:15.100						T__				mci	
ECH	0.49	243.9	S*	20:52:21.690						T__				m__	
ECH	0.49	243.9	SmS	20:52:24.670	-2.8					---				m__	
LANF	0.55	358.6	P*	20:52:16.000						T__				mde	
LANF	0.55	358.6	PmP	20:52:17.480	-1.8					T__				m__	
FELD	0.57	167.9	P*	20:52:16.690						T__				mdi	
LBG	0.68	70.0	P*	20:52:18.500						T__				mci	ML 2.0
LBG	0.68	70.0	PmP	20:52:19.340	-2.0					T__				m__	
LBG	0.68	70.0	S*	20:52:28.820						T__				m__	
LBG	0.68	70.0	SmS	20:52:29.950	-2.1					T__				m__	
SPAK	0.72	117.1	Pg	20:52:20.170	0.9					---				m__	
MOF	0.74	218.6	P*	20:52:20.410						---				m__	
TUBL	0.84	83.5	Pg	20:52:22.300	0.8					---				m__	ML 1.9
KTD	0.90	10.8	Pg	20:52:23.040	0.4					---				m__	
GUT	0.93	112.5	P*	20:52:23.520						---				m__	ML 2.3
STU	0.97	69.1	Pg	20:52:24.219	0.4					---				m_e	ML 1.8

WET	3.08	222.5	Pn	23:22:36.614	0.5	T__	m_e	ML	3.1
GRA1	3.54	242.0	Pn	23:22:43.647	1.3	T__	m_e	ML	3.7
GRA1	3.54	242.0	Sg	23:23:41.697	1.8	T__	m_e		
CLZ	3.55	278.4	Pn	23:22:42.600	0.1	T__	m_e	ML	3.2

DATA_TYPE ARRIVAL: REVIEWED IMS1.0

Net	Sta	Chan	Aux	Date	Time	Phase	Azim	Slow	SNR	Amp	Per	Qual	Author	ArrID
	CLL			2008/03/01	09:52:35.000	Sg						m_e	CLL	
	CLL			2008/03/03	21:47:09.000	Sg						m_e	CLL	
	CLL			2008/03/19	20:09:53.300	Sg						mCi	CLL	
	CLL			2008/03/19	20:09:47.300	Pg						mCi	CLL	