

DATA\_TYPE BULLETIN IMS1.0

BGR Bulletin for Germany and adjacent areas

Event 40501001 Epinal-N/F, Rambervillers

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/01	06:25:54.40	0.78	0.81	48.5340	6.6670				10.0f	0.0	7	4	339	1.73	2.49	m i ke	BENS	40501041
2004/05/01	06:25:46.00			48.2000	6.7000				10.0							m i uk	SED	40501031
2004/05/01	06:25:44.65	0.36	0.27	48.3450	6.6670	2.2	2.2	064	10.0f		29	21	097	0.35	4.68	m i ke	BGR	40501021
2004/05/01	06:25:44.50	0.10		48.3300	6.6700	3.0	1.0	001	10.0f	0.0	11	8	152	0.34	2.39	m i ke	LED	40501011
2004/05/01	06:25:44.10	0.06		48.3475	6.6402	1.3	1.0	170	4.0f	0.0	96	38	044			m i ke	LDG	40501001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.5		BENS	40501041
ML	2.9		SED	40501031
ML	3.0	0.3	4 BGR	40501021
ML	3.1		LED	40501011
ML	3.4		LDG	40501001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ECH	0.37	110.7	Pg	06:25:50.460	-0.6									mde	
ECH	0.37	110.7	Sg	06:25:56.110	0.2									m_e	
THEF	0.45	254.7	Pg	06:25:52.260	-0.3									mce	
WLS	0.48	81.9	Pg	06:25:52.620	-0.5									m__	
WLS	0.48	81.9	Sg	06:25:59.840	0.5									m__	
MOF	0.60	146.2	Pg	06:25:54.380	-1.0									m__	
LIBD	0.67	106.7	Pg	06:25:57.390	0.6									m__	
LIBD	0.67	106.7	Sg	06:26:05.340	-0.1									m__	
FBB	0.88	112.7	Pn	06:26:01.070	-1.5									m_e ML	3.4
FBB	0.88	112.7	Sn	06:26:11.950	-3.6									m__	
KIZ	0.94	114.2	Pn	06:26:00.910	-2.5									mci ML	3.1
KIZ	0.94	114.2	Sn	06:26:13.070	-3.8									m__	
LANF	1.00	50.1	Pn	06:26:01.670	-2.5									m__	
LANF	1.00	50.1	Pg	06:26:02.663	-0.2						24.2			m_e	
LOMF	1.00	172.7	Pn	06:26:02.580	-1.7									m__	
LOMF	1.00	172.7	Pg	06:26:03.510	0.5									m_e	
LOMF	1.00	172.7	Sg	06:26:17.060	1.0									m_e	
FELD	1.03	116.8	Pn	06:26:02.510	-2.1									m__	
FELD	1.03	116.8	Pg	06:26:03.510	0.1									m__	
FELD	1.03	116.8	Sg	06:26:16.660	-0.0									m__	
BOURR	1.03	157.2	Pg	06:26:04.016	0.5						20.1			m_e	
BOURR	1.03	157.2	Sg	06:26:17.319	0.4						10.3			m_e	
BBS	1.06	146.3	Pg	06:26:04.220	0.2									m__	
BFO	1.12	90.3	Pg	06:26:05.656	0.4						50.7			m_e ML	2.8
BFO	1.12	90.3	Sg	06:26:19.950	0.2						24.7			m_e	
SULZ	1.28	129.1	Pg	06:26:08.579	0.3						9.9			m_e	
SULZ	1.28	129.1	Sg	06:26:24.769	-0.1						7.3			m_e	
WLF	1.36	346.5	Pg	06:26:10.694	1.0						6.7			m_e	
WLF	1.36	346.5	Sg	06:26:27.655	0.5									m_e	
KTD	1.36	43.8	Pn	06:26:09.480	0.4									m__	
KTD	1.36	43.8	Pg	06:26:10.500	0.8									m_e	
KTD	1.36	43.8	Sn	06:26:28.170	1.3									m__	
KTD	1.36	43.8	Sg	06:26:27.760	0.5						3.1			m_e	
SLE	1.37	114.5	Pg	06:26:10.240	0.3						54.3			m_e	

SLE	1.37	114.5	Sg	06:26:27.396	-0.2	---	7.4	m_e		
RUP	1.38	11.3	Pn	06:26:09.640	0.2	---		m_		
RUP	1.38	11.3	Pg	06:26:10.900	0.8	---		md_		
RUP	1.38	11.3	Sn	06:26:28.680	1.3	---		m_		
SPAK	1.45	98.9	Pn	06:26:10.500	0.1	---		m_		
SPAK	1.45	98.9	Pg	06:26:11.880	0.4	---		m_		
LBG	1.46	76.7	Pn	06:26:07.950	-2.6	---		mce	ML	3.1
LBG	1.46	76.7	Sn	06:26:30.560	1.3	---		m_		
ZUR	1.63	126.2	Pg	06:26:15.173	0.4	---	6.3	m_e		
ZUR	1.63	126.2	Sg	06:26:35.978	0.1	---	9.2	m_e		
TUBL	1.63	82.9	Pn	06:26:11.620	-1.2	---		m_	ML	3.2
TUBL	1.63	82.9	Sg	06:26:35.700	-0.2	---		m_		
ABH	1.65	20.8	Pn	06:26:14.110	1.1	---		m_		
ABH	1.65	20.8	Pg	06:26:15.070	-0.0	---		mde		
ABH	1.65	20.8	Sn	06:26:36.030	2.5	---		m_		
GUT	1.67	98.6	Pn	06:26:13.730	0.4	---		m_	ML	3.2
GUT	1.67	98.6	Pg	06:26:15.870	0.2	---		m_e		
GUT	1.67	98.6	Sg	06:26:37.090	-0.2	---		m_		
SISB	1.69	112.2	Pn	06:26:15.440	1.8	---		m_	ML	2.8
SISB	1.69	112.2	Sg	06:26:38.180	0.4	---		m_		
STU	1.74	75.0	Pn	06:26:17.136	2.8	---		m_e	ML	3.2
STU	1.74	75.0	Sg	06:26:39.577	0.1	---	13.0	m_e		
WILA	1.78	120.7	Pg	06:26:18.179	0.5	---	14.2	m_e		
WILA	1.78	120.7	Sg	06:26:40.947	0.2	---	5.8	m_e		
BUCH	1.80	85.7	Pn	06:26:13.840	-1.3	---		m_	ML	3.1
BUCH	1.80	85.7	Pg	06:26:18.450	0.3	---		m_e		
BUCH	1.80	85.7	Sg	06:26:41.550	0.1	---		m_		
TOD	1.90	47.6	Pn	06:26:19.980	3.6	---		m_		
TOD	1.90	47.6	Pg	06:26:20.064	0.2	---	3.0	m_e		
TOD	1.90	47.6	Sn	06:26:44.730	5.3	---		m_		
BGG	1.91	13.5	Pg	06:26:22.400	2.2	---		m_e		
BGG	1.91	13.5	Sg	06:26:45.360	0.5	---		m_		
HIL	1.95	0.8	Pg	06:26:24.690	3.9	---		m_e		
HIL	1.95	0.8	Sg	06:26:44.850	-1.1	---		m_e		
KAMOR	2.18	117.9	Sg	06:26:53.628	0.1	---	4.6	m_e		
SIND	2.19	61.7	Pn	06:26:19.010	-1.4	---		m_	ML	3.0
SIND	2.19	61.7	Pg	06:26:25.140	-0.3	---		m_e		
SIND	2.19	61.7	Sg	06:26:54.060	0.3	---		m_		
KLL	2.31	354.8	Pg	06:26:29.100	1.5	---		m_e		
KLL	2.31	354.8	Sg	06:26:54.830	-2.6	---		m_e		
HDH	2.38	83.0	Pn	06:26:23.500	0.6	---		m_	ML	3.0
HDH	2.38	83.0	Sg	06:26:59.860	0.2	---		m_		
UBR	2.41	104.7	Pn	06:26:23.390	-0.0	---		m_	ML	3.0
UBR	2.41	104.7	Pg	06:26:30.240	0.7	---		m_e		
UBR	2.41	104.7	Sg	06:27:01.010	0.2	---		m_		
HOB	2.67	9.4	Sg	06:27:04.840	-4.2	---		m_e		
FUR	3.09	91.7	Sg	06:27:22.491	0.2	---	8.4	m_e		
GRA1	3.29	64.2	Pg	06:26:44.556	-1.6	---		m_e	ML	3.4
GRA1	3.29	64.2	Sg	06:27:27.349	-1.3	---		m_e		
MOX	3.96	52.7	Pg	06:26:57.400	-1.4	---		m_e		
MOX	3.96	52.7	Sg	06:27:52.300	2.3	---		m_e		
WET	4.19	76.7	Pn	06:26:47.299	-0.2	---	3.7	m_e		
GEC2	4.69	81.3	Pn	06:26:54.804	0.5	---	8.0	m_e		
CLL	5.06	51.8	Pg	06:27:18.000	-1.4	---		m_e		



KTD	0.88	205.3	P	19:26:12.610	---				m_		
SIND	0.98	140.9	Pn	19:26:14.620	-0.5	---			mdi	ML	3.5
SIND	0.98	140.9	Pg	19:26:15.340	0.8	---			m_		
SIND	0.98	140.9	Sg	19:26:28.130	0.9	---			m_		
RUP	1.11	248.8	Pn	19:26:16.400	-0.5	---			mce		
HOB	1.21	316.5	Sg	19:26:33.520	-1.0	---	265.8	0.40	m_e		
STB	1.25	293.2	Pg	19:26:18.780	-0.9	---			m_e		
STB	1.25	293.2	Sg	19:26:33.970	-2.0	---	102.8	1.10	m_e		
LANF	1.26	206.3	Pn	19:26:17.720	-1.2	---			m_		
BNS	1.27	312.6	Sg	19:26:35.500	-0.9	---	240.7	0.60	m_i		
HIL	1.28	278.8	Pg	19:26:20.390	0.3	---			m_e		
HIL	1.28	278.8	Sg	19:26:34.350	-2.3	---	236.7	0.70	m_e		
RIVT	1.28	252.3	Pn	19:26:18.670	-0.6	---			m_	ML	2.7
STU	1.39	165.2	Pg	19:26:22.856	0.7	T_	4.3		m_e	ML	2.9
STU	1.39	165.2	Sg	19:26:40.427	0.3	T_	4.4		m_e		
LBG	1.45	176.4	Pn	19:26:20.860	-0.7	---			mde	ML	2.7
KLL	1.59	290.5	Pg	19:26:23.250	-2.7	---			m_e		
KLL	1.59	290.5	Sg	19:26:41.740	-4.8	---			m_e		
BUG	1.59	327.1	Pg	19:26:25.872	-0.1	T_	2.8		m_e	ML	2.8
BUG	1.59	327.1	Sg	19:26:47.736	1.1	T_	3.4		m_e		
TUBL	1.62	169.9	Pg	19:26:27.190	0.7	---			m_	ML	2.8
WLF	1.67	255.4	Pn	19:26:24.291	-0.3	T_	2.7		m_e	ML	2.9
WLF	1.67	255.4	Pg	19:26:27.041	-0.6	T_	4.7		m_e		
WLF	1.67	255.4	Sg	19:26:49.524	0.3	T_	7.6		m_e		
GRFO	1.70	103.4	Pg	19:26:28.297	0.1	T_	6.8		m_e	ML	2.3
GRFO	1.70	103.4	Sg	19:26:50.506	0.3	T_	2.9		m_e		
GRA1	1.71	103.3	Pg	19:26:28.814	0.7	T_			m_e	ML	2.6
GRA1	1.71	103.3	Sg	19:26:51.045	0.8	T_			m_e		
BUCH	1.73	164.5	Pn	19:26:25.070	-0.2	---			mde	ML	3.0
BUCH	1.73	164.5	Pg	19:26:29.010	0.5	---			m_i		
BUCH	1.73	164.5	Sg	19:26:51.490	0.6	---			m_		
BFO	1.80	187.0	Pn	19:26:25.903	-0.3	T_	1.6		m_e	ML	2.4
BFO	1.80	187.0	Pg	19:26:30.070	0.2	T_	11.4		m_e		
BFO	1.80	187.0	Sg	19:26:52.761	-0.4	T_	2.7		m_e		
HDH	1.83	146.0	Pg	19:26:30.160	-0.4	---			m_	ML	2.8
HDH	1.83	146.0	Sg	19:26:53.410	-0.9	---			m_		
HGN	1.85	291.6	Pn	19:26:27.171	0.2	T_	2.4		m_e		
HGN	1.85	291.6	Sg	19:26:54.417	-0.5	T_	2.9		m_e		
WLS	1.90	207.1	Pn	19:26:26.990	-0.7	---			m_		
MOX	1.96	73.2	Pn	19:26:29.160	0.7	T_	1.6		m_e	ML	2.5
MOX	1.96	73.2	Pg	19:26:32.517	-0.4	T_	5.6		m_e		
MOX	1.96	73.2	Sn	19:26:53.300	1.6	---			m_e		
MOX	1.96	73.2	Sg	19:26:58.112	-0.2	T_	2.9		m_e		
SPAK	2.01	177.5	Pg	19:26:32.840	-1.1	---			m_		
GUT	2.07	171.5	Pn	19:26:29.500	-0.4	---			mde	ML	2.8
KIZ	2.21	192.9	Pn	19:26:31.170	-0.7	---			m_	ML	2.8
KIZ	2.21	192.9	Sg	19:27:06.050	-0.3	---			m_		
IBBN	2.26	345.9	Sg	19:27:10.396	2.4	T_			m_e	ML	3.0
FELD	2.28	191.1	Pn	19:26:32.150	-0.6	---			m_		
WERD	2.36	80.4	Pg	19:26:38.931	-1.5	T_			m_e	ML	2.6
WERD	2.36	80.4	Sg	19:27:10.647	-0.2	T_			m_e		
GUNZ	2.36	82.5	Pg	19:26:41.241	0.7	T_			m_e	ML	2.6
SISB	2.44	175.1	Pn	19:26:34.590	-0.3	---			mde	ML	2.8
SISB	2.44	175.1	Sg	19:27:13.650	0.2	---			m_		



TANN	2.54	247.6	Sg	13:34:47.003	-0.2	T__	m_e		
GUNZ	2.64	247.3	Sg	13:34:50.841	0.6	T__	m_e ML	3.2	
MOX	2.96	256.1	Pg	13:34:20.781	-1.4	T__	m_e ML	3.2	
MOX	2.96	256.1	Sg	13:35:01.305	0.8	T__	m_e		
GEC2	3.03	212.1	Pn	13:34:15.997	1.5	T__	m_e		
GEC2	3.03	212.1	Sg	13:35:02.461	-0.4	T__	m_e		
WET	3.11	223.6	Sg	13:35:05.334	0.2	T__	m_e		
GRA1	3.59	242.7	Sg	13:35:21.099	0.7	T__	m_e ML	3.3	

Event 40510002 Weinfeld, Kreuzlingen/CH (Thurgau)

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/10	15:44:23.40	0.35	0.37	47.4780	9.0590	4.4	2.2	035	10.0f		19	11	152	0.12	1.48	m i ke	BGR	40510012
2004/05/10	15:44:23.09			47.5000	9.1000				13.0							m i uk	SED	40510002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.3	1	BGR	40510012
ML	2.0		SED	40510002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WILA	0.16	236.8	Pg	15:44:26.482	-0.3						53.7			m_e	
WILA	0.16	236.8	Sg	15:44:28.659	-0.6						14.9			m_e	
KAMOR	0.34	128.6	Pg	15:44:29.935	0.1						5.6			m_e	
KAMOR	0.34	128.6	Sg	15:44:35.041	0.6						17.0			m_e	
ZUR	0.37	249.7	Pg	15:44:30.291	-0.2						10.5			m_e	
SLE	0.49	303.3	Pg	15:44:32.665	0.1						7.8			m_e	
SLE	0.49	303.3	Sg	15:44:39.323	0.3						5.9			m_e	
FELD	0.83	297.4	Pg	15:44:38.584	-0.3						3.6			m_e	
FELD	0.83	297.4	Sg	15:44:49.928	0.3						12.5			m_e	
BFO	0.98	328.4	Pg	15:44:42.063	0.4						8.6			m_e ML	1.3
BFO	0.98	328.4	Sg	15:44:55.232	0.9						4.5			m_e	
BBS	1.08	268.7	Sg	15:44:57.373	-0.1						6.1			m_e	
BOURR	1.27	265.9	Pg	15:44:46.889	-0.2						1.7			m_e	
BOURR	1.27	265.9	Sg	15:45:03.150	-0.4						5.5			m_e	
MOF	1.37	285.6	Sg	15:45:05.771	-1.0						5.9			m_e	
WLS	1.48	308.6	Pg	15:44:50.698	-0.4						3.8			m_e	
WLS	1.48	308.6	Sg	15:45:10.390	0.0						3.6			m_e	
ECH	1.49	299.5	Pg	15:44:51.225	0.0						2.0			m_e	
ECH	1.49	299.5	Sg	15:45:09.834	-0.6						4.6			m_e	

Event 40511002 Calw/Black Forest

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/11	11:57:34.60	0.07		48.6477	8.9667	1.4	1.3	155	10.0	0.0	17	7	063			m i ke	LDG	40511022
2004/05/11	11:57:34.46	0.23	0.38	48.6850	8.9830	2.2	2.2	135	10.0f		21	14	080	0.16	3.11	m i ke	BGR	40511012
2004/05/11	11:57:34.10	0.11		48.6820	8.9630	1.2	0.7	009	3.0	2.0	25	14	087	0.11	1.51	m i ke	LED	40511002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
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ML	2.8		LDG	40511022
ML	2.0	0.4	4 BGR	40511012
ML	2.3		LED	40511002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
LBG	0.11	260.8	Pg	11:57:36.460	0.2					T__				mdi	ML	2.5
LBG	0.11	260.8	Sg	11:57:38.240	0.5					T__				m_i		
STU	0.18	59.6	Pg	11:57:37.470	0.0					T__				m__		
STU	0.18	59.6	Sg	11:57:40.020	0.3					T__				m_i		
TUBL	0.18	153.5	P*	11:57:38.250						___				m__	ML	2.4
TUBL	0.18	153.5	Pg	11:57:37.810	0.3					T__				mdi		
TUBL	0.18	153.5	Sg	11:57:40.260	0.4					T__				m_i		
BUCH	0.35	131.9	Pg	11:57:40.900	0.2					T__				mdi	ML	1.9
BUCH	0.35	131.9	Sg	11:57:45.870	0.7					T__				m_i		
BFO	0.55	230.3	Pg	11:57:44.550	0.1					T__				mce	ML	1.6
BFO	0.55	230.3	PmP	11:57:46.800	-1.4					T__				mci		
BFO	0.55	230.3	Sg	11:57:52.150	0.6					T__				m_i		
GUT	0.62	170.5	Pg	11:57:45.890	0.1					T__				mde	ML	2.2
GUT	0.62	170.5	Sg	11:57:54.240	0.4					T__				m__		
SIND	0.79	32.1	Pn	11:57:49.580	-1.9					T__				m__	ML	2.2
SIND	0.79	32.1	Sn	11:57:59.940	-3.7					___				m__		
LANF	0.82	291.8	Pg	11:57:50.490	1.0					___				m__		
SWS	0.82	348.0	Pg	11:57:50.220	0.6					T__				m__	ML	2.5
SWS	0.82	348.0	Sg	11:58:01.090	0.9					T__				m__		
HDH	0.83	96.3	Pg	11:57:50.590	0.9					___				m__	ML	2.2
HDH	0.83	96.3	Sg	11:58:00.610	0.2					T__				m__		
KTD	0.86	318.2	Pg	11:57:51.660	1.3					___				m__		
TOD	0.93	353.6	Pg	11:57:52.180	0.6					T__				m__		
TOD	0.93	353.6	Sg	11:58:04.270	0.6					___	8.0			m_e		
SLE	0.97	199.0	Pg	11:57:52.585	0.2					___	7.8			m_e		
SLE	0.97	199.0	Sg	11:58:05.384	0.5					___	9.1			m_e		
SISB	1.00	179.9	Pn	11:57:53.310	-1.0					T__				m__	ML	2.3
KIZ	1.00	224.1	Pn	11:57:52.860	-1.6					T__				m__	ML	2.2
KIZ	1.00	224.1	Pg	11:57:53.660	0.6					T__				m__		
KIZ	1.00	224.1	Sn	11:58:06.560	-2.1					T__				m__		
FELD	1.03	218.7	Pn	11:57:53.330	-1.4					T__				mci		
LIBD	1.05	240.0	Sg	11:58:08.808	1.4					___	3.5			m_e		
WLS	1.10	256.4	Pg	11:57:55.090	0.3					___				m__		
WLS	1.10	256.4	Sg	11:58:09.975	1.0					___	5.4			m_e		
UBR	1.26	142.2	Pg	11:57:58.540	0.7					T__				mce	ML	2.4
UBR	1.26	142.2	Sg	11:58:15.620	1.5					T__				m__		
WILA	1.27	181.7	Pg	11:57:58.391	0.4					___	3.7			m_e		
WILA	1.27	181.7	Sg	11:58:15.252	0.9					___	30.5			m_e		
ECH	1.28	249.4	Pg	11:57:58.718	0.4					___	3.6			m_e		
ECH	1.28	249.4	Sg	11:58:15.173	0.3					___	11.4			m_e		
KAMOR	1.44	165.7	Pg	11:58:02.427	1.3					___	1.8			m_e		
ABH	1.51	322.9	Pg	11:58:03.290	0.7					___				m__		
BOURR	1.73	222.6	Sg	11:58:29.639	0.5					___	1.7			m_e		
GRFO	1.79	54.8	Sg	11:58:30.400	-0.5					___				m__	ML	2.0
MOX	2.61	40.2	Sg	11:58:56.599	-0.3					___	2.0			m_e	ML	2.1
GEC2	3.13	85.2	Sg	11:59:13.360	-0.1					___	1.5			m_e	ML	2.5

Event 40512001 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
2004/05/12	00:36:14.90	0.22		51.6560	7.8119	3.3	3.1	076	1.0f	0.0	20	7	296			m i si	LDG	40512031
2004/05/12	00:36:15.10	1.52	0.70	51.6510	7.8160				1.0f	0.0	14	7	308	0.73	1.54	m i ki	BENS	40512021
2004/05/12	00:36:15.11	0.38	0.31	51.5950	7.8190	5.6	4.4	163	1.0f		7	4	113	0.38	2.57	m i ki	BGR	40512011
2004/05/12	00:36:14.00			51.6680	7.7490				1.0f				199	0.08	0.38	m i ki	BUG	40512001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	40512031
ML	2.2		BENS	40512021
ML	2.3	0.1	4 BGR	40512011
ML	2.1		BUG	40512001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BAHL	0.08	33.2	Pg	00:36:17.200	1.6					T_				m_	ML	1.7
BAHL	0.08	33.2	Sg	00:36:19.600	3.0					T_				m_		
BUG	0.38	232.9	Pg	00:36:22.100	1.0					TA_				mci	ML	2.1
BUG	0.38	232.9	Sg	00:36:27.900	2.0					TA_				m_		
IBBN	0.64	0.4	Pg	00:36:29.020	3.0						2.6			m_e	ML	2.3
IBBN	0.64	0.4	Sg	00:36:37.488	3.2						3.8			m_e		
HOB	0.73	200.9	Pg	00:36:29.450	1.7									m_e		
HOB	0.73	200.9	Sg	00:36:38.740	1.5							157.1	0.60	m_e		
BNS	0.79	207.2	Pg	00:36:30.760	1.9									m_e		
BNS	0.79	207.2	Sg	00:36:41.780	2.7							121.2	0.50	m_e		
STB	1.22	208.3	Pg	00:36:38.040	1.1									m_e		
STB	1.22	208.3	Sg	00:36:53.710	1.1							53.9	0.30	m_e		
KLL	1.36	222.0	Pg	00:36:39.520	-0.1									m_e		
KLL	1.36	222.0	Sg	00:36:57.760	0.5							33.3	0.40	m_e		
BGG	1.48	190.3	Pg	00:36:39.420	-2.6									m_e		
BGG	1.48	190.3	Sg	00:37:01.110	-0.1							17.6	0.50	m_e		
HIL	1.53	206.5	Pg	00:36:44.590	1.7									m_e		
HIL	1.53	206.5	Sg	00:37:03.160	0.5									m_e		
WLF	2.24	207.4	Pg	00:36:56.663	0.4						2.1			m_e	ML	2.3
WLF	2.24	207.4	Sg	00:37:23.124	-2.2						2.4			m_e		
MOX	2.63	111.4	Pn	00:36:58.900	2.3									m_e	ML	2.3
MOX	2.63	111.4	Pg	00:37:03.985	0.4						1.8			m_e		
MOX	2.63	111.4	Sg	00:37:36.443	-1.2						3.3			m_e		
BRG	3.95	99.2	Sg	00:38:24.300	4.7									m_e		

Event 40513001 Merlebach/F, SW of Saarbruecken, French-German border region

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/13	05:20:23.60			49.1700	6.8000				1.0							m i uk	NEIC	40513021
2004/05/13	05:20:23.60	0.11		49.1694	6.8183	2.3	1.7	083	1.0f	0.0	22	13	138			m i si	LDG	40513011
2004/05/13	05:20:23.77	0.34	0.43	49.1670	6.8590	4.4	2.2	091	1.0f		14	9	105	0.55	1.50	m i ki	BGR	40513001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		NEIC	40513021
ML	2.4		LDG	40513011



ML 1.4 1 BGR 40513001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.55	13.6	Pg	05:20:34.389	0.2					T__	3.5			m_e	
RUP	0.55	13.6	Sg	05:20:41.572	0.3					T__	2.7			m_e	
WLF	0.68	317.5	Pg	05:20:36.519	-0.0					T__				m_e	
WLS	0.82	156.4	Sg	05:20:49.938	0.1					T__	2.8			m_e	
ECH	0.97	168.2	Pg	05:20:42.193	0.1					T__	5.5			m_e	
ECH	0.97	168.2	Sg	05:20:55.488	0.9					T__	2.5			m_e	
THEF	1.10	211.6	Pg	05:20:43.672	-0.8					T__	2.7			m_e	
THEF	1.10	211.6	Sg	05:20:59.115	0.4					T__	2.7			m_e	
BFO	1.28	130.2	Pg	05:20:48.147	0.2					T__				m_e ML	1.4
BFO	1.28	130.2	Sg	05:21:04.656	0.2					T__	2.3			m_e	
MOF	1.33	172.0	Pg	05:20:48.096	-0.7					T__	2.8			m_e	
MOF	1.33	172.0	Sg	05:21:05.949	-0.0					T__	2.8			m_e	
TOD	1.34	70.2	Sg	05:21:06.133	-0.2					T__	1.9			m_e	
FELD	1.50	149.1	Sg	05:21:11.002	-0.3					T__	3.1			m_e	

Event 40516006 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/16	09:53:30.33	0.55		51.6100	16.1610	5.6	4.4	108	1.0f		19	13	264	1.57	5.61	m i ki	BGR	40516006

Magnitude Err Nsta Author OrigID  
ML 4.7 0.4 6 BGR 40516006

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.57	242.9	Pg	09:53:58.023	-1.9					T__				m_e ML	4.4
BRG	1.57	242.9	Sg	09:54:19.353	-0.9					T__				m_e	
RUE	1.70	301.5	Pg	09:54:00.501	-1.9					T__				m_e ML	4.4
RUE	1.70	301.5	Sg	09:54:24.716	0.3					T__				m_e	
CLL	1.99	262.5	Pn	09:54:03.858	-0.4					T__				m_e ML	4.3
CLL	1.99	262.5	Sg	09:54:33.508	-0.1					T__				m_e	
MOX	3.01	253.1	Pn	09:54:19.242	1.1					T__				m_e ML	4.9
MOX	3.01	253.1	Sg	09:55:06.644	0.7					T__				m_e	
GEC2	3.18	210.6	Pn	09:54:21.681	1.3					T__				m_e	
WET	3.23	221.6	Pn	09:54:22.056	0.9					T__				m_e ML	4.6
GRA1	3.67	240.4	Pn	09:54:28.060	1.0					T__				m_e ML	5.4
GRA1	3.67	240.4	Sg	09:55:27.705	0.7					T__				m_e	
NRDL	3.83	285.7	Pn	09:54:31.385	2.2					T__				m_e	
BSEG	4.23	305.6	Pn	09:54:35.117	0.5					T__				m_e	
FUR	4.67	224.3	Pn	09:54:41.569	1.0					T__				m_e	
FUR	4.67	224.3	Sg	09:55:59.742	1.2					T__				m_e	
STU	5.28	240.2	Pn	09:54:49.324	0.4					T__				m_e	
BUG	5.53	271.7	Pn	09:54:54.265	2.0					T__				m_e	
HLG	5.61	300.5	Pn	09:54:55.265	1.9					T__				m_e	

Event 40516007 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
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2004/05/16 09:58:45.47 0.87 51.5810 16.1630 16.7 7.8 172 1.0f 10 6 307 1.56 3.66 m i k i BGR 40516007

Magnitude Err Nsta Author OrigID  
ML 3.8 0.3 6 BGR 40516007

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.56	243.9	Pg	09:59:14.353	-0.5					T__				m_e	ML 3.6
BRG	1.56	243.9	Sg	09:59:34.466	-0.6					T__				m_e	
CLL	1.99	263.3	Pn	09:59:19.381	-0.0					T__				m_e	ML 3.5
CLL	1.99	263.3	Sg	09:59:49.047	0.4					T__				m_e	
MOX	3.00	253.6	Pn	09:59:33.958	0.8					T__				m_e	ML 3.9
MOX	3.00	253.6	Sg	10:00:21.898	1.0					T__				m_e	
GEC2	3.16	210.9	Pn	09:59:36.710	1.5					T__				m_e	ML 3.8
WET	3.21	222.0	Pn	09:59:36.812	0.8					T__				m_e	ML 3.7
GRA1	3.66	240.8	Pn	09:59:43.275	1.2					T__				m_e	ML 4.2
GRA1	3.66	240.8	Sg	10:00:41.676	-0.0					T__				m_e	

Event 40517001 Darmstadt-East

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/17	00:54:28.40	0.19		49.8944	8.6164	3.2	2.0	071	10.0f	0.0	16	7	267			m i k e	LDG	40517021
2004/05/17	00:54:30.10	1.74	0.90	49.8980	8.5940				15.0f	0.0	4	3	346	0.86	1.32	m i k e	BENS	40517011
2004/05/17	00:54:26.92	0.50	0.50	49.9090	8.7270	5.6	3.3	150	10.0f		8	7	158	1.18	3.05	m i k e	BGR	40517001

(#PRIME)

Magnitude Err Nsta Author OrigID  
ML 2.1 LDG 40517021  
ML 1.3 BENS 40517011  
ML 1.7 0.2 7 BGR 40517001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BGG	0.94	289.0	Pg	00:54:45.320	0.6					___				m_e	
BGG	0.94	289.0	Sg	00:54:56.590	-0.4					___		10.9	0.20	m_e	
STU	1.18	164.9	Sg	00:55:04.837	0.4					T__	1.9			m_e	
HIL	1.37	287.1	Sg	00:55:09.960	-0.5					___				m_e	
STB	1.39	300.3	Sg	00:55:09.420	-1.7					___				m_e	
BFO	1.60	189.5	Pg	00:54:57.356	0.2					T__	4.6			m_e	ML 1.6
BFO	1.60	189.5	Sg	00:55:17.661	-0.2					T__	2.8			m_e	
GRFO	1.62	96.8	Sg	00:55:18.816	0.2					T__	4.2			m_e	ML 1.5
GRA1	1.62	96.7	Pg	00:54:57.768	0.2					T__				m_e	ML 1.7
GRA1	1.62	96.7	Sg	00:55:18.925	0.3					T__				m_e	
WLF	1.68	262.6	Sg	00:55:20.180	-0.2					T__	3.3			m_e	ML 1.5
MOX	1.99	67.2	Sg	00:55:29.948	-0.2					T__	3.7			m_e	ML 1.6
WET	2.80	104.3	Sg	00:55:55.168	-0.8					T__	3.0			m_e	ML 1.9
CLL	3.05	61.1	Sg	00:56:04.891	1.0					T__	2.2			m_e	ML 2.0

Event 40517002 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
2004/05/17	03:40:27.30	0.21		51.6891	7.7694	3.5	3.0	115	1.0f	0.0	22	8	297			m i s i	LDG	40517032

2004/05/17 03:40:27.70	0.96	0.41	51.7180	7.7510				1.0f	0.0	10	7 310	0.78	1.58	m i ki	BENS	40517022
2004/05/17 03:40:29.17	0.28	0.53	51.6270	7.7000	3.3	2.2	022	1.0f		13	9 066	0.33	4.13	m i ki	BGR	40517012
2004/05/17 03:40:26.90			51.6730	7.7450				1.0f			195	0.08	0.38	m i ki	BUG	40517002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.8		LDG	40517032
ML	2.4		BENS	40517022
ML	2.4	0.2	5 BGR	40517012
ML	2.3		BUG	40517002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BAHL	0.08	36.6	Pg	03:40:30.200	1.8					T_				m_e	ML	2.2
BAHL	0.08	36.6	Sg	03:40:32.300	2.9					T_				m_e		
BUG	0.38	232.0	Pg	03:40:35.000	1.0					TA_				mci	ML	2.3
BUG	0.38	232.0	Sg	03:40:40.900	2.0					TA_				m_e		
IBBN	0.63	0.6	Pg	03:40:41.559	2.7					---	7.1			m_e	ML	2.4
IBBN	0.63	0.6	Sg	03:40:50.650	3.6					---	3.1			m_e		
WTSB	0.65	297.0	Pg	03:40:41.687	2.5					---	9.4			m_e		
WTSB	0.65	297.0	Sg	03:40:50.579	2.9					---	4.5			m_e		
HOB	0.74	200.6	Pg	03:40:42.380	1.6					---				m_e		
BNS	0.79	206.8	Sg	03:40:55.560	3.4					---		229.6	0.30	m_e		
STB	1.22	208.1	Pg	03:40:50.780	0.9					---				m_e		
STB	1.22	208.1	Sg	03:41:06.780	1.1					---		48.3	0.40	m_e		
KLL	1.36	221.8	Pg	03:40:52.730	0.1					---				m_e		
KLL	1.36	221.8	Sg	03:41:10.970	0.7					---		48.7	0.80	m_e		
HGN	1.45	232.0	Pg	03:40:54.048	-0.3					---	17.5			m_e		
HGN	1.45	232.0	Sg	03:41:13.180	0.1					---	2.8			m_e		
BGG	1.49	190.1	Pg	03:40:55.290	0.3					---				m_e		
BGG	1.49	190.1	Sg	03:41:14.190	-0.0					---		29.0	0.80	m_e		
HIL	1.53	206.3	Sg	03:41:15.750	0.1					---				m_e		
NRDL	1.67	59.6	Pn	03:40:59.685	3.2					---	4.1			m_e		
WLF	2.25	207.3	Sg	03:41:36.130	-2.2					---	2.8			m_e	ML	2.4
MOX	2.64	111.4	Pn	03:41:11.895	2.3					---	3.9			m_e	ML	2.4
MOX	2.64	111.4	Pg	03:41:18.800	2.2					---				m_e		
MOX	2.64	111.4	Sg	03:41:53.286	2.6					---	2.5			m_e		
GRFO	2.96	130.6	Sg	03:42:03.573	2.6					---	2.0			m_e	ML	2.7
CLL	3.29	94.3	Pn	03:41:16.000	-2.5					---				m_e		
CLL	3.29	94.3	Pg	03:41:30.000	1.0					---				m_e		
CLL	3.29	94.3	Sg	03:42:16.000	4.5					---				m_e		
BFO	3.36	173.4	Pn	03:41:20.313	0.9					---	2.3			m_e		
BFO	3.36	173.4	Sn	03:41:58.741	1.4					---				m_e		
WET	4.13	125.7	Sg	03:42:41.019	2.8					---	2.5			m_e		

Event 40517005 E Salzkammergut/A, Totes Gebirge

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/17	05:40:31.30			47.6360	13.7400				10.0							m i uk	NEIC	40517015
2004/05/17	05:40:31.94	1.68		47.6580	13.8700	14.5	6.7	144	10.0f		8	6	281	1.19	3.77	m i ke	BGR	40517005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
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ML 2.1 NEIC 40517015  
 ML 2.3 0.3 4 BGR 40517005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
GEC2	1.19	354.7	Pg	05:40:54.677	0.2					T__	18.8			m_e	ML 2.0
GEC2	1.19	354.7	Sg	05:41:10.609	0.7					T__				m_e	
WET	1.63	336.5	Pg	05:41:02.116	-0.5					T__	2.8			m_e	ML 2.3
WET	1.63	336.5	Sg	05:41:23.745	0.1					T__				m_e	
GRFO	2.68	320.3	Sg	05:41:56.988	-0.2					T__				m_e	
BRG	3.22	0.8	Sg	05:42:13.763	-0.4					T__				m_e	ML 2.5
MOX	3.33	334.6	Sg	05:42:17.538	-0.2					T__				m_e	ML 2.5
BFO	3.77	282.3	Sg	05:42:32.157	0.5					T__				m_e	

Event 920333 Lebach, N of Saarbruecken

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/20	10:34:50.20	0.07		49.3764	6.9271	1.7	1.1	091	1.0f	0.0	23	10	106			m i si	LDG	920343
2004/05/20	10:34:52.30	1.52	0.70	49.4580	6.9300				1.0f	0.0	7	4	322	0.79	1.25	m i ki	BENS	920333

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML 2.4			LDG	920343
ML 1.3			BENS	920333

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.55	292.6	Pg	10:35:00.682	-1.9					___	3.5			m_e	
WLF	0.55	292.6	Sg	10:35:07.128	-2.5					___				m_e	
BGG	0.79	19.1	Pg	10:35:06.950	-0.3					T__				m_e	
BGG	0.79	19.1	Sg	10:35:18.580	1.1					T__		15.2	0.70	m_e	
HIL	0.85	349.2	Pg	10:35:09.540	1.2					T__				m_e	
HIL	0.85	349.2	Sg	10:35:19.760	0.5					T__				m_e	
STB	1.14	357.1	Sg	10:35:29.740	1.3					T__				m_e	
KLL	1.25	341.8	Pg	10:35:14.180	-1.7					T__				m_e	
KLL	1.25	341.8	Sg	10:35:32.330	0.2					T__				m_e	
BFO	1.46	140.3	Pg	10:35:17.077	-2.7					___	2.5			m_e	
BFO	1.46	140.3	Sg	10:35:34.767	-3.8					___				m_e	

Event 40522001 Neuwied, N of Koblenz

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/22	05:19:03.90	0.08		50.3783	7.3769	1.5	1.1	037	8.0f	0.0	136	39	085			m i ke	LDG	40522031
2004/05/22	05:19:03.30	1.40		50.4200	7.3600	15.0	6.0	335	10.0f	0.0	24	17	291	0.55	3.28	m i ke	LED	40522021
2004/05/22	05:19:03.58	0.18	0.49	50.3940	7.3910	3.3	1.1	086	10.0f		34	23	064	0.52	4.37	m i ke	BGR	40522011
2004/05/22	05:19:04.20	1.72	0.31	50.4100	7.3890				3.2f	34.2	40	7	193	0.21	3.26	m i ke	BENS	40522001

(#PRIME)

( felt at Bonn, Rodenkirchen, Simmern, Overath, Duesseldorf, Diez )

Magnitude	Err	Nsta	Author	OrigID
ML 4.2			LDG	40522031
ML 3.9			LED	40522021

ML 3.9 0.2 6 BGR 40522011  
 ML 3.7 BENS 40522001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BGG	0.21	189.5	Pg	05:19:08.430	0.3					T__				mci	
BGG	0.21	189.5	Sg	05:19:11.050	0.2					T__				m_i	
FACH	0.39	97.7	Pg	05:19:11.620	0.1					T__				mdi	
STB	0.39	297.9	Pg	05:19:12.170	0.5					T__				mde	
STB	0.39	297.9	Sg	05:19:17.220	0.4					T__		4331.5	0.40	m_e	
BIW	0.43	41.4	Pg	05:19:12.300	-0.0					T__				mci	
HIL	0.47	255.7	Pg	05:19:13.140	0.1					T__				mci	
HIL	0.47	255.7	Sg	05:19:20.050	1.0					T__		4655.3	0.40	m_i	
ABH	0.54	169.1	Pg	05:19:14.260	-0.1					T__				mci	
BNS	0.57	346.4	Pg	05:19:15.410	0.5					T__				mci	
BNS	0.57	346.4	Sg	05:19:22.770	0.5					T__		8745.5	0.30	m_e	
HOB	0.57	356.5	Pg	05:19:15.490	0.4					T__				m_i	
HOB	0.57	356.5	Sg	05:19:22.750	0.3					T__		6754.4	0.40	m_i	
SIN	0.69	318.1	Pg	05:19:18.290	1.2					T__				mde	
ROE	0.70	319.9	Pg	05:19:18.510	1.1					T__				mde	
GMA	0.71	315.5	Pg	05:19:18.800	1.2					T__				m_e	
TGD	0.72	321.2	Pg	05:19:18.680	0.9					T__				m_e	
KLL	0.72	289.5	Pg	05:19:17.660	-0.2					T__				mde	
KLL	0.72	289.5	Sg	05:19:28.450	1.2					T__				m_i	
FUN	0.74	310.5	Pg	05:19:19.150	1.1					T__				m_e	
RUP	0.74	196.8	Pg	05:19:17.330	-0.8					T__				mci	
HMB	0.78	312.9	Pg	05:19:19.780	0.9					T__				m_e	
MIL	0.79	318.2	Pg	05:19:19.940	0.9					T__				mde	
IMS	0.88	157.8	Pg	05:19:20.240	-0.5					T__				mce	
HNK	0.90	319.9	Pg	05:19:21.730	0.5					T__				mde	
MEM	0.90	283.3	Pg	05:19:21.110	-0.1					T__				mdi	
BOR	0.91	318.3	Pg	05:19:21.740	0.5					T__				m_e	
HGN	0.99	291.5	Pg	05:19:22.520	-0.4					T__				mde	
HGN	0.99	291.5	Sg	05:19:35.624	-0.1					___	7.9			m_e	
BUG	1.03	355.9	Pg	05:19:23.430	-0.3					T__				mce	ML 4.0
BUG	1.03	355.9	Sg	05:19:37.557	0.5					___	5.9			m_e	
KLB	1.03	355.9	Pg	05:19:19.960	-3.7					___				mde	
WLF	1.09	227.3	Pg	05:19:22.840	-1.9					T__				mce	ML 3.7
WLF	1.09	227.3	Sg	05:19:38.052	-0.8					___	6.9			m_e	
EBN	1.15	290.3	Pg	05:19:23.850	-2.1					T__				mde	
KTD	1.18	157.4	Pn	05:19:25.640	-1.2					___				mce	
KTD	1.18	157.4	Pg	05:19:25.649	-0.8					___	79.8			m_e	
TOD	1.21	131.0	Pn	05:19:24.942	-2.4					___	92.4			m_e	
TOD	1.21	131.0	Pg	05:19:26.200	-0.9					___				mce	
SWS	1.25	137.1	Pn	05:19:26.460	-1.4					___				m__	ML 4.1
SWS	1.25	137.1	Sg	05:19:41.950	-2.1					___				m__	
PEB	1.36	170.9	Pg	05:19:28.530	-1.3					T__				mdi	
LANF	1.45	169.2	Pn	05:19:28.390	-2.2					___				mde	
LANF	1.45	169.2	Pg	05:19:30.385	-1.2					___	873.6			m_e	
WTSB	1.60	346.9	Pn	05:19:31.627	-0.9					___	110.7			m_e	
WTSB	1.60	346.9	Sg	05:19:54.157	-0.9					___	5.8			m_e	
SIND	1.78	125.8	Pn	05:19:33.540	-1.5					___				m__	ML 4.3
SIND	1.78	125.8	Pg	05:19:36.940	-0.8					___				m_e	
STR	1.84	172.4	Pg	05:19:37.980	-0.9					___	30.8			m_e	
IBBN	1.91	6.8	Pn	05:19:35.491	-1.3					___	4.0			m_e	ML 4.2

IBBN	1.91	6.8	Pg	05:19:35.550	-4.7	T__		m_e	
IBBN	1.91	6.8	Sg	05:20:05.256	0.3	___	4.4	m_e	
LBG	1.97	151.9	Pn	05:19:35.680	-1.9	___		mde ML	3.9
LBG	1.97	151.9	Pg	05:19:40.380	-0.9	___		m_e	
WLS	2.00	180.7	Pn	05:19:35.620	-2.3	___		m__	
STU	2.01	143.8	Pn	05:19:37.101	-1.1	___	4.2	m_e	
STU	2.01	143.8	Sg	05:20:06.014	-2.2	___		m_e	
BFO	2.17	163.2	Pn	05:19:38.792	-1.5	___	10.5	m_e ML	3.8
BFO	2.17	163.2	Pg	05:19:43.323	-1.7	___	16.2	m_e	
BFO	2.17	163.2	Sg	05:20:12.128	-1.0	___	3.9	m_e	
TUBL	2.18	149.1	Pn	05:19:39.260	-1.3	___		m__ ML	4.0
ECH	2.20	184.0	Pn	05:19:39.385	-1.3	___	11.9	m_e	
ECH	2.20	184.0	Pg	05:19:44.268	-1.4	___	19.7	m_e	
LIBD	2.26	176.4	Pn	05:19:40.260	-1.3	___	5.9	m_e	
LIBD	2.26	176.4	Pg	05:19:45.760	-1.1	___	15.1	m_e	
BUCH	2.34	146.2	Pn	05:19:41.180	-1.4	___		mde ML	4.1
BUCH	2.34	146.2	Pg	05:19:49.380	1.1	___		m__	
BUCH	2.34	146.2	Sg	05:20:15.660	-2.9	___		m__	
CLZ	2.36	51.4	Pn	05:19:40.876	-2.0	___	149.5	m_e	
CLZ	2.36	51.4	Sg	05:20:17.903	-1.2	___		m_e	
THEF	2.36	203.2	Pn	05:19:40.890	-2.0	___		m__	
FBB	2.43	172.6	Pg	05:19:48.430	-1.5	___		m__	
KIZ	2.48	171.8	Pn	05:19:42.510	-2.0	___		mde ML	3.9
KIZ	2.48	171.8	Pg	05:19:49.170	-1.7	___		m_e	
SPAK	2.48	157.9	Pn	05:19:43.130	-1.4	___		m__	
GRFO	2.56	104.8	Pg	05:19:51.431	-1.1	___	28.4	m_e	
GRA1	2.56	104.8	Pn	05:19:44.652	-1.0	___		m_e ML	3.8
GRA1	2.56	104.8	Sg	05:20:25.953	0.3	___		m_e	
MOF	2.56	183.8	Pn	05:19:44.639	-1.0	___	12.3	m_e	
FELD	2.57	170.7	Pn	05:19:43.610	-2.1	___		m__	
FELD	2.57	170.7	Pg	05:19:51.390	-1.2	___	13.1	m_e	
HDH	2.58	133.9	Pn	05:19:44.640	-1.3	___		m__ ML	3.8
HDH	2.58	133.9	Sn	05:20:13.440	-2.4	___		m__	
GUT	2.60	153.6	Pn	05:19:44.430	-1.7	___		mde ML	3.9
GUT	2.60	153.6	Sn	05:20:14.260	-1.9	___		m__	
NRDL	2.69	38.0	Pn	05:19:46.687	-0.6	___	6.3	m_e	
NRDL	2.69	38.0	Pg	05:19:53.852	-1.0	___	11.0	m_e	
MOX	2.70	83.4	Pn	05:19:46.694	-0.8	___	74.9	m_e	
MOX	2.70	83.4	Pg	05:19:52.900	-2.1	___		m_e	
MOX	2.70	83.4	Sg	05:20:26.200	-3.7	___		m_e	
SISB	2.91	158.6	Pn	05:19:49.360	-1.0	___		mde ML	3.8
BBS	2.95	178.4	Pn	05:19:50.120	-0.7	___		m__	
LOMF	3.08	187.1	Pn	05:19:51.079	-1.6	___	10.4	m_e	
LOMF	3.08	187.1	Pg	05:20:00.666	-1.6	___	6.0	m_e	
GUNZ	3.15	88.9	Pn	05:19:52.754	-0.9	___		m_e	
TANN	3.23	88.0	Pn	05:19:50.741	-4.0	___	29.3	m_e	
UBR	3.26	145.8	Pn	05:19:54.740	-0.3	___		mde ML	3.9
FUR	3.39	130.1	Pn	05:19:56.290	-0.5	___		m_e	
FUR	3.39	130.1	Sg	05:20:52.844	1.1	___		m_e	
CLL	3.65	73.6	Pn	05:19:59.759	-0.7	___	10.7	m_e ML	4.0
CLL	3.65	73.6	Pg	05:20:12.300	-0.8	___		m_i	
CLL	3.65	73.6	Sg	05:20:58.111	-2.2	___		m_e	
BRG	4.18	81.1	Pn	05:20:07.724	0.2	___	5.1	m_e	
BRG	4.18	81.1	Pg	05:20:21.600	-1.4	___		m_i	

BRG	4.18	81.1	Sn	05:20:57.000	3.6													m_i
BRG	4.18	81.1	Sg	05:21:14.300	-2.7													m_i
GEC2	4.38	108.5	Pn	05:20:10.399	0.2					35.9								m_e

Event 920737 Koblenz/Middle Rhine Area

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/22	05:20:42.90	0.47	0.11	50.3940	7.3600				3.5f	0.0	7	4	186	0.19	0.71	m i ke	BENS	920737

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		BENS	920737

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BGG	0.19	184.7	Pg	05:20:46.770	0.3					T__					m_i
BGG	0.19	184.7	Sg	05:20:49.370	0.4					T__		780.3	0.10		m_e
STB	0.39	301.3	Pg	05:20:50.760	0.5					T__					m_e
HIL	0.45	257.1	Pg	05:20:51.490	0.2					T__					mci
BNS	0.58	348.5	Pg	05:20:54.140	0.3					T__					mdi
HOB	0.59	358.4	Pg	05:20:54.000	-0.0					T__					mdi
KLL	0.71	291.2	Pg	05:20:56.780	0.4					T__					m_e

Event 40522002 Schwaz/A, Inn Valley, Northern Tuxer Alps

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/22	11:35:02.10	0.26		47.3675	11.8227	6.0	3.7	040	10.0f	0.0	36	23	120			m i ke	LDG	40522012
2004/05/22	11:35:00.80	0.28	0.58	47.2990	11.7990	3.3	2.2	166	10.0f		26	16	140	0.12	3.84	m i ke	BGR	40522002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.9		LDG	40522012
ML	2.6	0.3	9 BGR	40522002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.12	252.4	Pg	11:35:03.856	0.3					T__	713.9				m_e
WTTA	0.12	252.4	Sg	11:35:06.159	0.7					T__	50.3				m_e
FUR	0.93	338.0	Pg	11:35:19.315	0.8					T__	20.1				m_e ML 3.2
FUR	0.93	338.0	Sg	11:35:32.653	2.1					___	5.6				m_e
KBA	1.07	101.3	Pg	11:35:20.725	-0.4					T__					m_e
KBA	1.07	101.3	Sg	11:35:34.824	-0.2					T__					m_e
DAVA	1.30	270.2	Pg	11:35:25.652	0.3					T__	20.5				m_e ML 2.6
DAVA	1.30	270.2	Sg	11:35:42.810	0.6					T__	7.5				m_e
KAMOR	1.57	270.5	Pg	11:35:30.110	-0.3					T__	8.3				m_e
KAMOR	1.57	270.5	Sg	11:35:51.427	0.7					T__	13.3				m_e
MOA	1.75	70.8	Pg	11:35:33.520	-0.4					T__	12.2				m_e ML 2.2
MOA	1.75	70.8	Sg	11:35:57.560	1.0					T__	4.2				m_e
WILA	1.96	274.4	Sg	11:36:03.180	-0.0					T__	9.5				m_e
GEC2	2.00	38.7	Pn	11:35:34.296	0.5					T__	4.9				m_e ML 2.7
GEC2	2.00	38.7	Sn	11:35:59.706	2.2					___	8.2				m_e
GEC2	2.00	38.7	Sg	11:36:03.789	-0.7					T__	3.8				m_e
OBKA	2.04	111.8	Pg	11:35:38.731	-0.5					T__	5.1				m_e

OBKA	2.04	111.8	Sg	11:36:06.409	0.8	---													m_e	
ZUR	2.18	273.0	Sg	11:36:09.680	-0.5	T__	8.3												m_e	
SLE	2.28	283.0	Pn	11:35:38.612	1.0	T__	3.6												m_e	
SLE	2.28	283.0	Pg	11:35:43.817	0.0	T__	3.6												m_e	
SLE	2.28	283.0	Sg	11:36:12.465	-0.8	T__	3.4												m_e	
STU	2.28	311.2	Sg	11:36:14.013	0.7	---													m_e ML	3.0
GRFO	2.42	351.1	Pg	11:35:47.032	0.5	T__	4.1												m_e ML	2.6
GRFO	2.42	351.1	Sg	11:36:18.165	0.4	T__	2.6												m_e	
GRA1	2.42	351.1	Pg	11:35:46.809	0.3	T__													m_e ML	2.8
GRA1	2.42	351.1	Sg	11:36:18.174	0.3	T__													m_e	
ARSA	2.53	89.7	Pg	11:35:47.443	-1.0	T__													m_e	
BFO	2.55	295.2	Pn	11:35:42.745	1.5	---	6.5												m_e ML	2.6
BFO	2.55	295.2	Sg	11:36:21.560	-0.2	T__	2.9												m_e	
GUNZ	3.08	6.3	Pn	11:35:49.234	0.7	T__	1.8												m_e ML	2.9
GUNZ	3.08	6.3	Pg	11:35:58.720	-0.2	T__	3.1												m_e	
GUNZ	3.08	6.3	Sg	11:36:40.433	1.6	---													m_e	
BOURR	3.10	273.5	Pn	11:35:49.930	1.3	---	1.7												m_e	
MOX	3.35	358.0	Pn	11:35:51.600	-0.5	---													m_e	
MOX	3.35	358.0	Pg	11:36:03.609	-0.3	T__	2.2												m_e	
MOX	3.35	358.0	Sn	11:36:31.300	2.2	---													m_e	
MOX	3.35	358.0	Sg	11:36:46.546	-0.7	T__	2.0												m_e	
BRG	3.84	20.6	Pg	11:36:12.437	-0.7	T__	1.7												m_e	
BRG	3.84	20.6	Sg	11:37:01.000	-1.8	---													m_e	
CLL	4.08	10.6	Pg	11:36:17.000	-0.8	---													m_e	
CLL	4.08	10.6	Sg	11:37:11.000	0.4	---													m_e	

Event 40522003 Schwaz/A, Inn Valley, Northern Tuxer Alps

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/22	11:37:20.70	0.36		47.3929	11.7682	7.7	4.4	052	10.0f	0.0	38	24	274			m i ke	LDG	40522013
2004/05/22	11:37:18.76	0.21	0.48	47.3050	11.8050	2.2	1.1	177	10.0f		32	17	138	0.12	3.83	m i ke	BGR	40522003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.1		LDG	40522013
ML	2.5	0.4	8 BGR	40522003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.12	250.3	Pg	11:37:22.002	0.4					T__	101.7				m_e
WTTA	0.12	250.3	Sg	11:37:23.887	0.3					T__	11.7				m_e
FUR	0.93	337.6	Pg	11:37:37.050	0.7					T__	25.5				m_e
FUR	0.93	337.6	Sg	11:37:50.400	2.0					---					m_e
KBA	1.07	101.7	Pg	11:37:38.741	-0.3					T__	14.6				m_e ML 1.9
KBA	1.07	101.7	Sg	11:37:52.754	-0.1					T__	4.0				m_e
DAVA	1.31	269.9	Pg	11:37:43.453	0.0					T__	35.5				m_e ML 2.6
DAVA	1.31	269.9	Sg	11:38:01.941	1.6					---	5.7				m_e
KAMOR	1.57	270.3	Pg	11:37:48.178	-0.3					T__	14.2				m_e
KAMOR	1.57	270.3	Sg	11:38:09.395	0.6					T__	9.5				m_e
MOA	1.75	70.9	Pg	11:37:51.623	-0.1					T__	15.6				m_e ML 2.6
MOA	1.75	70.9	Sg	11:38:15.475	1.1					T__	6.4				m_e
WILA	1.97	274.3	Pn	11:37:51.193	-0.1					T__	4.0				m_e
WILA	1.97	274.3	Pg	11:37:55.205	-0.6					T__	11.6				m_e



WILA	1.97	274.3	Sg	11:38:21.485	0.2	T__	11.4	m_e		
GEC2	1.99	38.7	Pn	11:37:52.415	0.7	T__	8.8	m_e ML	2.9	
GEC2	1.99	38.7	Pg	11:37:55.774	-0.6	T__	4.0	m_e		
GEC2	1.99	38.7	Sn	11:38:17.758	2.5	___	7.6	m_e		
GEC2	1.99	38.7	Sg	11:38:21.791	-0.4	T__	1.5	m_e		
OBKA	2.04	112.0	Pg	11:37:57.329	0.2	T__	4.8	m_e ML	2.3	
OBKA	2.04	112.0	Sg	11:38:23.836	0.3	T__	2.2	m_e		
ZUR	2.19	272.9	Sg	11:38:27.750	-0.5	T__	6.0	m_e		
SLE	2.28	282.9	Pg	11:38:01.929	0.1	T__	3.6	m_e		
SLE	2.28	282.9	Sg	11:38:29.970	-1.4	___	5.3	m_e		
GRFO	2.42	351.0	Pg	11:38:05.108	0.8	T__	4.4	m_e ML	2.4	
GRFO	2.42	351.0	Sg	11:38:35.565	-0.0	T__	2.7	m_e		
GRA1	2.42	351.0	Sg	11:38:36.255	0.6	T__	___	m_e		
ARSA	2.52	89.9	Pg	11:38:05.762	-0.6	T__	5.5	m_e ML	2.1	
ARSA	2.52	89.9	Sg	11:38:39.128	0.2	T__	3.7	m_e		
BFO	2.55	295.0	Pn	11:37:59.928	0.7	T__	7.1	m_e		
GUNZ	3.08	6.3	Pn	11:38:06.577	0.2	T__	2.1	m_e		
GUNZ	3.08	6.3	Pg	11:38:16.712	-0.1	T__	3.2	m_e		
BOURR	3.10	273.3	Pn	11:38:08.080	1.4	___	2.4	m_e		
MOX	3.34	357.9	Pn	11:38:09.880	-0.1	T__	2.0	m_e		
MOX	3.34	357.9	Pg	11:38:21.882	0.1	T__	3.1	m_e		
MOX	3.34	357.9	Sn	11:38:49.300	2.4	___	___	m_e		
MOX	3.34	357.9	Sg	11:39:04.811	-0.2	T__	1.8	m_e		
BRG	3.83	20.6	Pg	11:38:30.761	-0.2	T__	1.6	m_e ML	3.0	
BRG	3.83	20.6	Sg	11:39:19.473	-1.1	T__	2.6	m_e		
CLL	4.08	10.6	Pn	11:38:20.000	0.1	___	___	m_e		
CLL	4.08	10.6	Pg	11:38:36.700	1.1	___	___	m_i		
CLL	4.08	10.6	Sg	11:39:29.000	0.7	___	___	m_e		

Event 40522004 Schwaz/A, Inn Valley, Northern Tuxer Alps

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/22	12:18:44.30	0.16		47.4119	11.9460	4.4	2.4	037	10.0f	0.0	72	29	112			m i ke	LDG	40522034
2004/05/22	12:18:44.50			47.3000	11.8000				17.0							m i uk	SED	40522024
2004/05/22	12:18:46.30	2.40		47.3700	11.7500	23.0	20.0	329	10.0f	0.0	24	14	305	1.15	3.74	m i ke	LED	40522014
2004/05/22	12:18:44.21	0.30	0.56	47.2440	11.8120	4.4	2.2	171	10.0f		32	19	162	0.12	4.69	m i ke	BGR	40522004

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.5		LDG	40522034
ML	3.2		SED	40522024
ML	3.5		LED	40522014
ML	3.5	0.4	4 BGR	40522004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WTTA	0.12	279.5	Pg	12:18:47.109	0.1					T__	2475.4			m_e	
WTTA	0.12	279.5	Sg	12:18:49.547	0.5					T__	3.0			m_e	
FUR	0.99	338.7	Pg	12:19:03.256	0.4					T__	103.4			m_e ML	4.0
FUR	0.99	338.7	Sg	12:19:16.345	0.6					T__	19.9			m_e	
KBA	1.06	98.5	Pg	12:19:03.821	-0.3					T__	38.1			m_e	
UBR	1.23	291.4	P	12:19:07.460						___				mde ML	3.5
UBR	1.23	291.4	S	12:19:24.210						___				m__	

UBR	1.23	291.4	SmS	12:19:26.290	0.4	---	---	m_	
DAVA	1.31	272.6	Pg	12:19:09.152	0.2	T_	93.1	m_e	ML 3.4
DAVA	1.31	272.6	Sg	12:19:27.883	1.9	---	6.5	m_e	
KAMOR	1.58	272.5	Pg	12:19:14.136	0.1	T_	25.2	m_e	
KAMOR	1.58	272.5	Sg	12:19:35.471	1.1	T_	7.6	m_e	
HDH	1.72	321.8	Pn	12:19:13.010	-0.4	---	---	m_	ML 3.4
HDH	1.72	321.8	Pg	12:19:15.570	-1.1	---	---	m_i	
HDH	1.72	321.8	Sn	12:19:33.840	-0.4	---	---	m_	
MOA	1.76	69.0	Pg	12:19:17.243	-0.2	T_	32.7	m_e	ML 3.1
MOA	1.76	69.0	Sg	12:19:40.857	0.5	T_	4.9	m_e	
SISB	1.98	284.0	Pn	12:19:18.910	2.0	---	---	m_	ML 3.4
SISB	1.98	284.0	Sn	12:19:43.520	3.3	---	---	m_	
WILA	1.98	276.0	Pg	12:19:21.280	-0.2	T_	10.9	m_e	
WILA	1.98	276.0	Sg	12:19:47.264	0.2	T_	11.5	m_e	
GUT	2.00	295.5	Pn	12:19:18.450	1.3	---	---	m_	ML 3.5
GUT	2.00	295.5	Sg	12:19:46.400	-1.3	---	---	m_	
OBKA	2.01	110.4	Pg	12:19:22.693	0.6	T_	24.5	m_e	
OBKA	2.01	110.4	Sg	12:19:50.022	1.9	T_	---	m_e	
GEC2	2.04	37.6	Pn	12:19:18.113	0.4	T_	---	m_e	
GEC2	2.04	37.6	Sn	12:19:43.520	1.8	T_	---	m_e	
BUCH	2.04	307.1	Pn	12:19:17.970	0.2	---	---	mde	ML 3.6
BUCH	2.04	307.1	Sg	12:19:48.350	-0.8	---	---	m_	
TUBL	2.23	305.9	Sn	12:19:46.330	0.0	---	---	m_	ML 3.5
SLE	2.30	284.3	Pn	12:19:22.743	1.4	---	7.2	m_e	
SLE	2.30	284.3	Pg	12:19:27.952	0.3	T_	3.3	m_e	
SLE	2.30	284.3	Sg	12:19:56.423	-1.0	T_	5.9	m_e	
STU	2.32	312.0	Pn	12:19:21.976	0.4	T_	6.9	m_e	ML 3.7
STU	2.32	312.0	Pg	12:19:28.056	0.0	T_	6.5	m_e	
STU	2.32	312.0	Sg	12:20:01.735	3.6	T_	---	m_e	
LBG	2.47	306.2	Pn	12:19:23.920	0.3	---	---	m_	ML 3.5
LBG	2.47	306.2	Sn	12:19:51.760	-0.1	---	---	m_	
GRFO	2.48	351.1	Pg	12:19:30.599	-0.3	T_	17.7	m_e	
GRA1	2.48	351.1	Pg	12:19:30.734	-0.2	T_	---	m_e	
ROTZ	2.54	5.8	Pn	12:19:23.400	-1.1	---	---	mdi	
SIND	2.57	325.9	Pn	12:19:24.370	-0.5	---	---	m_	ML 3.7
SIND	2.57	325.9	Pg	12:19:32.080	-0.5	---	---	m_e	
BFO	2.58	296.2	Pn	12:19:25.601	0.5	T_	5.7	m_e	
BFO	2.58	296.2	Pg	12:19:32.388	-0.5	T_	1.4	m_e	
BFO	2.58	296.2	Sn	12:19:55.844	1.4	---	4.8	m_e	
FELD	2.65	285.2	Pn	12:19:27.610	1.6	---	---	m_	
KIZ	2.72	286.6	Pn	12:19:27.940	1.0	---	---	m_	ML 3.5
KIZ	2.72	286.6	Sn	12:19:58.500	0.7	---	---	m_	
KIZ	2.72	286.6	Sg	12:20:09.090	-1.6	---	---	m_	
BBS	2.92	275.9	Pn	12:19:31.120	1.4	---	---	m_	
SWS	3.05	318.5	Pn	12:19:31.570	0.1	---	---	m_	ML 3.4
SWS	3.05	318.5	Sn	12:20:04.430	-1.0	---	---	m_	
TOD	3.09	320.9	Pn	12:19:32.750	0.7	---	---	m_	
BOURR	3.11	274.5	Pn	12:19:34.170	1.9	---	---	m_e	
BOURR	3.11	274.5	Sg	12:20:23.091	0.1	T_	3.4	m_e	
GUNZ	3.14	6.1	Pn	12:19:31.661	-1.0	T_	2.5	m_e	
GUNZ	3.14	6.1	Pg	12:19:42.535	-0.8	T_	2.5	m_e	
GUNZ	3.14	6.1	Sg	12:20:25.352	1.4	T_	---	m_e	
WLS	3.21	293.0	Pn	12:19:34.910	1.3	---	---	m_	
MOF	3.22	282.6	Pn	12:19:35.680	2.0	---	---	m_	

ECH	3.28	289.0	Pn	12:19:35.870	1.3	---	---	m_
LOMF	3.38	273.6	Pn	12:19:37.900	1.9	---	---	m_
MOX	3.40	357.9	Pn	12:19:35.065	-1.2	T_	3.3	m_e
MOX	3.40	357.9	Pg	12:19:47.955	-0.4	T_	3.3	m_e
MOX	3.40	357.9	Sn	12:20:14.246	0.4	T_	2.3	m_e
MOX	3.40	357.9	Sg	12:20:30.200	-2.2	---	---	m_e
ABH	3.86	314.6	Pn	12:19:43.700	1.2	---	---	m_
BRG	3.89	20.2	Pn	12:19:43.392	0.6	T_	2.2	m_e
BRG	3.89	20.2	Pg	12:19:56.553	-1.0	T_	2.1	m_e
BRG	3.89	20.2	Sn	12:20:27.900	2.7	---	---	m_i
BRG	3.89	20.2	Sg	12:20:45.100	-2.7	---	---	m_i
CLL	4.14	10.4	Pn	12:19:45.825	-0.4	T_	---	m_e ML 3.5
CLL	4.14	10.4	Pg	12:20:02.000	-0.2	---	---	m_i
CLL	4.14	10.4	Sg	12:20:53.700	-2.0	---	---	m_i
WLF	4.46	304.9	Pn	12:19:53.014	2.4	T_	---	m_e
WLF	4.46	304.9	Sn	12:20:43.748	5.0	T_	---	m_e
CLZ	4.69	349.1	Pn	12:19:53.784	0.1	T_	5.1	m_e
CLZ	4.69	349.1	Pg	12:20:13.076	0.4	T_	5.1	m_e

Event 40524001 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
2004/05/24	14:51:37.60	0.37		51.8592	7.6963	6.0	5.6	105	1.0f	0.0	9	4	312			m i si	LDG	40524031
2004/05/24	14:51:41.30	1.07	0.41	51.7010	7.7360				1.5f	9.2	9	5	329	0.76	1.52	m i ki	BENS	40524021
2004/05/24	14:51:41.92	0.37	0.43	51.6090	7.7470	4.4	3.3	147	1.0f		10	5	153	0.34	1.64	m i ki	BGR	40524011
2004/05/24	14:51:40.60			51.6610	7.7580				1.0f				206	0.09	0.38	m i ki	BUG	40524001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.7		LDG	40524031
ML	2.2		BENS	40524021
ML	2.2	0.1	3 BGR	40524011
ML	2.1		BUG	40524001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.09	27.5	Pg	14:51:43.800	1.6					T_				m_ ML	1.9
BAHL	0.09	27.5	Sg	14:51:45.900	2.6					T_				m_	
BUG	0.38	234.2	Pg	14:51:48.600	0.9					TA_				mci ML	2.1
BUG	0.38	234.2	Sg	14:51:54.500	2.0					TA_				m_	
IBBN	0.65	359.9	Pg	14:51:55.150	2.4					---				m_e ML	2.2
IBBN	0.65	359.9	Sg	14:52:03.700	2.6					---	3.4			m_e	
WTSB	0.67	297.6	Pg	14:51:54.944	1.8					---				m_e	
WTSB	0.67	297.6	Sg	14:52:04.353	2.6					---	3.5			m_e	
HOB	0.73	201.5	Pg	14:51:55.320	1.0					---				m_e	
HOB	0.73	201.5	Sg	14:52:06.780	3.1					---		111.8	0.50	m_e	
BNS	0.79	207.8	Sg	14:52:08.140	2.5					---				m_e	
STB	1.21	208.7	Pg	14:52:04.480	1.0					---				m_e	
STB	1.21	208.7	Sg	14:52:20.410	1.3					---		53.7	0.40	m_e	
KLL	1.36	222.4	Pg	14:52:05.730	-0.5					---				m_e	
KLL	1.36	222.4	Sg	14:52:24.480	0.7					---		38.0	0.90	m_e	
HGN	1.45	232.6	Pn	14:52:07.704	0.4					---	5.0			m_e	
HGN	1.45	232.6	Sg	14:52:26.892	0.1					---	4.4			m_e	

BGG	1.48	190.5	Pg	14:52:08.510	0.0	---														m_e	
BGG	1.48	190.5	Sg	14:52:27.020	-0.6	---													29.8	0.50	m_e
CLZ	1.63	82.6	Pn	14:52:10.564	0.9	---					12.9										m_e ML 2.1
CLZ	1.63	82.6	Sg	14:52:34.905	2.6	---					2.2										m_e

Event 40524311 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
2004/05/24	17:49:48.90	0.25		51.6525	7.6618	4.6	3.9	104	1.0f	0.0	14	8	309			m i si	LDG	40524341
2004/05/24	17:49:48.40	1.17	0.61	51.7250	7.6890				1.0f	0.0	9	6	329	0.77	1.57	m i ki	BENS	40524331
2004/05/24	17:49:48.89	0.39		51.5790	7.7800	7.8	4.4	137	1.0f		7	4	129			m i ki	BGR	40524321
2004/05/24	17:49:47.60			51.6750	7.7380				1.0f				191	0.08	0.37	m i ki	BUG	40524311

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		LDG	40524341
ML	2.2		BENS	40524331
ML	2.2		BGR	40524321
ML	2.2		BUG	40524311

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.08	39.9	Pg	17:49:50.800	1.7					T_				m_ ML	2.0
BAHL	0.08	39.9	Sg	17:49:53.100	2.9					T_				m_	
BUG	0.37	231.4	Pg	17:49:55.700	1.0					TA_				mce ML	2.2
BUG	0.37	231.4	Sg	17:50:01.500	2.0					TA_				m_	
IBBN	0.63	1.0	Pg	17:50:02.226	2.7									m_e ML	2.3
IBBN	0.63	1.0	Sg	17:50:11.257	3.6									m_e	
HOB	0.74	200.2	Pg	17:50:03.640	2.2									m_e	
BNS	0.79	206.5	Sg	17:50:16.110	3.3									m_e	
STB	1.22	207.9	Pg	17:50:10.940	0.4									m_e	
STB	1.22	207.9	Sg	17:50:27.200	0.9							57.4	0.30	m_e	
KLL	1.36	221.6	Pg	17:50:13.250	-0.0									m_e	
KLL	1.36	221.6	Sg	17:50:31.360	0.5							38.4	0.70	m_e	
BGG	1.49	189.9	Pg	17:50:15.740	0.1									m_e	
BGG	1.49	189.9	Sg	17:50:34.040	-0.9									m_e	
HIL	1.53	206.1	Sg	17:50:36.070	-0.3									m_e	
CLZ	1.64	83.1	Pn	17:50:17.573	0.8									m_e ML	2.2
CLZ	1.64	83.1	Sg	17:50:41.936	2.3									m_e	
WLF	2.25	207.2	Sg	17:50:56.695	-2.3									m_e	
MOX	2.64	111.4	Pn	17:50:32.500	2.1									m_e	
MOX	2.64	111.4	Pg	17:50:39.400	2.0									m_e	
MOX	2.64	111.4	Sg	17:51:11.200	-0.3									m_e	

Event 40525002 Poland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/25	03:49:56.00	0.67		51.5040	16.2200	8.9	6.7	166	1.0f		16	8	306	1.56	3.65	m i ki	BGR	40525002

Magnitude	Err	Nsta	Author	OrigID
ML	3.3	0.3	7 BGR	40525002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.56	247.0	Pn	03:50:24.858	0.8					T__				m_e	ML 3.1
BRG	1.56	247.0	Sg	03:50:45.951	0.4					T__				m_e	
CLL	2.02	265.7	Pn	03:50:30.149	-0.1					T__				m_e	ML 3.0
CLL	2.02	265.7	Sg	03:50:59.907	-0.2					T__				m_e	
GUNZ	2.70	246.5	Pn	03:50:41.247	1.7					T__				m_e	ML 3.4
GUNZ	2.70	246.5	Sg	03:51:22.439	0.6					T__				m_e	
MOX	3.02	255.3	Pn	03:50:45.626	1.8					T__				m_e	ML 3.5
MOX	3.02	255.3	Sg	03:51:32.691	0.8					T__				m_e	
GEC2	3.11	212.2	Pn	03:50:47.409	2.3					T__				m_e	ML 3.3
GEC2	3.11	212.2	Sg	03:51:34.274	-0.5					T__				m_e	
WET	3.18	223.4	Pn	03:50:47.370	1.3					T__				m_e	ML 3.3
WET	3.18	223.4	Sg	03:51:35.991	-1.1					T__				m_e	
GRA1	3.65	242.2	Pn	03:50:54.156	1.7					T__				m_e	ML 3.7
GRA1	3.65	242.2	Sg	03:51:53.248	1.2					T__				m_e	

Event 40525001 Hungary

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/25	07:30:16.08	0.59	0.65	47.5080	17.1060	5.6	4.4	102	0.0	0.0	22	13	271	1.10	5.94	m i ke	BGR	40525031

Magnitude Err Nsta Author  
ML 3.8 0.2 4 BGR

OrigID  
40525031

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
ARSA	1.10	257.1	Pg	07:30:36.212	-0.6					T__	233.6			m_e	ML 3.8
ARSA	1.10	257.1	Sg	07:30:50.844	-0.3					T__	4.7			m_e	
MOA	1.94	281.2	Pn	07:30:49.180	-0.3					T__	86.0			m_e	ML 3.7
MOA	1.94	281.2	Sg	07:31:17.444	-0.3					T__	5.3			m_e	
OBKA	2.01	241.1	Pn	07:30:49.487	-0.9					T__	14.7			m_e	ML 3.7
OBKA	2.01	241.1	Pg	07:30:53.663	-0.3					T__	71.7			m_e	
OBKA	2.01	241.1	Sg	07:31:20.492	0.6					T__	2.8			m_e	
KBA	2.59	261.8	Pn	07:30:57.766	-0.5					T__	32.6			m_e	
GEC2	2.63	301.8	Pn	07:30:58.734	-0.1					T__	42.4			m_e	
WET	3.25	301.8	Pg	07:31:18.336	1.0					T__	1.2			m_e	
WTTA	3.71	268.2	Pn	07:31:14.592	1.1					T__	12.2			m_e	
WTTA	3.71	268.2	Pg	07:31:26.812	0.8					T__	29.5			m_e	
WTTA	3.71	268.2	Sg	07:32:14.399	0.4					T__	2.0			m_e	
ROTZ	3.95	306.7	Pn	07:31:16.600	-0.0					---				mdi	
BRG	3.95	329.6	Sg	07:32:20.714	-0.8					T__	3.6			m_e	ML 4.0
GRFO	4.46	301.5	Pn	07:31:23.884	0.3					T__	5.5			m_e	
GRFO	4.46	301.5	Sg	07:32:39.413	1.6					T__	5.7			m_e	
CLL	4.64	326.4	Pn	07:31:26.201	0.1					T__	2.9			m_e	
CLL	4.64	326.4	Pg	07:31:47.000	3.4					---				m_e	
CLL	4.64	326.4	Sg	07:32:40.865	-2.7					---	3.7			m_e	
MOX	4.77	313.1	Pn	07:31:27.861	0.0					T__	5.8			m_e	
MOX	4.77	313.1	Pg	07:31:45.400	-0.6					---				m_e	
MOX	4.77	313.1	Sg	07:32:47.097	-0.5					T__	2.8			m_e	
DAVA	4.89	270.1	Pn	07:31:29.871	0.4					T__	7.6			m_e	
DAVA	4.89	270.1	Pg	07:31:48.337	0.0					T__	11.8			m_e	
BFO	5.94	281.2	Pn	07:31:43.265	-0.4					T__	6.5			m_e	

Event 40526003 Epinal-N/F, Rambervillers

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/26	09:37:50.47	0.59	0.35	48.3360	6.7050	4.4	3.3	078	10.0f		12	9	185	1.01	3.94	m i ke	BGR	40526013
2004/05/26	09:37:50.00			48.3324	6.6275				11.7		63	26				m i ke	LDG	40526003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2	0.1	2 BGR	40526013
ML	3.0		LDG	40526003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BOURR	1.02	156.4	Pg	09:38:09.581	0.2					---	3.0			m_e	
BOURR	1.02	156.4	Sg	09:38:22.334	-0.3					---	4.2			m_e	
BFO	1.13	89.5	Pg	09:38:10.833	-0.6					---	12.3			m_e	ML 2.2
BFO	1.13	89.5	Sg	09:38:24.862	-1.2					---	11.6			m_e	
WLF	1.37	347.0	Sg	09:38:34.254	0.7					---	4.0			m_e	ML 2.1
SLE	1.37	113.7	Pg	09:38:15.483	-0.4					---	12.6			m_e	
SLE	1.37	113.7	Sg	09:38:32.444	-1.2					---	7.5			m_e	
STU	1.75	74.6	Sg	09:38:44.576	-1.2					---	3.2			m_e	
WILA	1.78	120.1	Sg	09:38:46.001	-0.8					---	6.8			m_e	
KAMOR	2.19	117.4	Sg	09:38:59.263	-0.2					---	2.8			m_e	
GRFO	3.30	64.0	Sg	09:39:33.616	-1.4					---				m_e	
MOX	3.98	52.6	Sg	09:39:56.399	-0.1					---				m_e	

Event 40526005 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/26	19:24:42.30			49.3290	6.7910				5.0							m i uk	NEIC	40526035
2004/05/26	19:24:43.60	1.05	0.41	49.4520	6.9130				1.0f	0.0	8	5	322	0.80	1.56	m i ki	BENS	40526025
2004/05/26	19:24:41.90	0.05		49.3711	6.8607	1.1	0.9	091	1.0f	0.0	42	15	044			m i si	LDG	40526015
2004/05/26	19:24:41.77	0.24	0.35	49.3710	6.8850	2.2	1.1	069	1.0f		24	15	094	0.35	2.37	m i ki	BGR	40526005

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.6		NEIC	40526035
ML	2.0		BENS	40526025
ML	2.7		LDG	40526015
ML	2.2	1	BGR	40526005

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.35	18.8	Pg	19:24:48.739	0.4					T_	25.3			m_e	
WLF	0.56	302.0	Pg	19:24:52.865	0.6					T_	5.4			m_e	
WLF	0.56	302.0	Sg	19:24:59.792	0.3					T_	7.5			m_e	
ABH	0.67	39.8	Pg	19:24:54.231	-0.1					T_	3.6			m_e	
LANF	0.72	122.6	Pg	19:24:55.394	0.1					T_	4.2			m_e	
BGG	0.88	19.0	Pg	19:24:58.390	-0.1					---				m_e	
BGG	0.88	19.0	Sg	19:25:10.100	0.2					---		44.2	0.70	m_e	
HIL	0.93	351.9	Pg	19:24:59.810	0.5					---				m_e	

Station	Mag	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
HIL	0.93	351.9	Sg		19:25:11.390	0.0										
ECH	1.17	171.0	Pg		19:25:04.015	0.2										
ECH	1.17	171.0	Sg		19:25:18.955	0.0										
STB	1.22	358.6	Pg		19:25:05.200	0.4										
STB	1.22	358.6	Sg		19:25:21.360	0.7										
TOD	1.27	78.6	Pg		19:25:05.416	-0.3										
TOD	1.27	78.6	Sg		19:25:22.483	0.4										
THEF	1.28	207.5	Pg		19:25:05.449	-0.5										
THEF	1.28	207.5	Sg		19:25:22.431	-0.2										
KLL	1.33	344.1	Pg		19:25:06.290	-0.5										
BFO	1.41	137.1	Pg		19:25:08.553	0.2										
BFO	1.41	137.1	Sg		19:25:26.118	-0.4										
HGN	1.52	336.6	Pg		19:25:10.897	0.5										
HGN	1.52	336.6	Sg		19:25:29.193	-0.9										
MOF	1.53	173.7	Pg		19:25:10.540	-0.0										
MOF	1.53	173.7	Sg		19:25:30.636	0.3										
HOB	1.64	9.9	Pg		19:25:11.190	-1.5										
FELD	1.67	153.2	Pg		19:25:13.541	0.3										
FELD	1.67	153.2	Sg		19:25:34.746	-0.0										
SLE	1.93	145.8	Pg		19:25:17.868	-0.2										
SLE	1.93	145.8	Sg		19:25:42.491	-0.5										
BOURR	1.99	173.2	Pg		19:25:19.475	0.2										
BOURR	1.99	173.2	Sg		19:25:45.051	0.1										
SULZ	2.01	155.7	Sg		19:25:45.566	-0.2										
WILA	2.37	144.8	Sg		19:25:57.293	0.1										

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Event 920752 Montbeliard, Audincourt/F, S of Belfort
Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID
2004/05/26 20:16:36.70      47.3700  6.8000      5.0
2004/05/26 20:16:35.40      47.3218  6.7635      2.0
2004/05/26 20:16:34.70      47.4000  6.7000      3.0
(#PRIME)

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Magnitude Err Nsta Author OrigID
ML 2.2 NEIC 920772
ML 2.6 LDG 920762
ML 2.0 SED 920752

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Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	1.44	49.0	Pg	20:17:00.503	-1.3						3.6				
BFO	1.44	49.0	Sg	20:17:19.344	-1.0										
WLF	2.29	351.1	Sg	20:17:51.153	3.6										

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Event 40527004 Poland
Date      Time      Err    RMS Latitude Longitude Smaj Smin Az Depth  Err Ndef Nsta Gap  mdist  Mdist Qual  Author  OrigID
2004/05/27 04:32:00.67 0.61      51.6030  16.1390  5.6  4.4 100  1.0f  17  9 268  1.56  3.66 m i ki BGR  40527004

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Magnitude Err Nsta Author OrigID

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ML 3.1 0.2 9 BGR 40527004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BRG	1.56	242.9	Pn	04:32:29.178	0.5					T__				m_e ML	2.8
BRG	1.56	242.9	Sg	04:32:50.209	0.1					T__				m_e	
RUE	1.69	302.0	Pn	04:32:30.744	0.2					T__				m_e ML	3.0
RUE	1.69	302.0	Sg	04:32:55.515	1.1					T__				m_e	
CLL	1.98	262.6	Pn	04:32:34.466	0.1					T__				m_e ML	3.0
CLL	1.98	262.6	Sg	04:33:03.091	-0.4					T__				m_e	
GUNZ	2.70	244.1	Pn	04:32:44.877	0.7					T__				m_e ML	3.1
GUNZ	2.70	244.1	Sg	04:33:26.539	0.2					T__				m_e	
MOX	3.00	253.1	Pn	04:32:48.564	0.3					T__				m_e ML	3.2
MOX	3.00	253.1	Sg	04:33:36.324	0.5					T__				m_e	
GEC2	3.17	210.4	Pn	04:32:53.086	2.5					T__				m_e ML	3.2
GEC2	3.17	210.4	Sg	04:33:41.633	0.3					T__				m_e	
WET	3.22	221.5	Pn	04:32:52.780	1.5					T__				m_e ML	3.0
WET	3.22	221.5	Sg	04:33:43.218	0.3					T__				m_e	
CLZ	3.58	276.1	Pn	04:32:57.551	1.4					T__				m_e ML	3.2
GRA1	3.66	240.4	Pn	04:32:57.678	0.5					T__				m_e ML	3.4
GRA1	3.66	240.4	Sg	04:33:56.677	-0.1					T__				m_e	

Event 40527001 S of Admont/A, Trieben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/27	06:23:43.60			47.5400	14.6150				10.0							m i uk	NEIC	40527011
2004/05/27	06:23:43.26	0.30	0.56	47.5650	14.5310	3.3	2.2	058	10.0f		16	10	137	0.34	3.62	m i ke	BGR	40527001
#PRIME)																		

Magnitude Err Nsta Author OrigID

ML	2.7			NEIC	40527011
ML	2.0	0.3	4	BGR	40527001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
MOA	0.34	328.0	Pg	06:23:49.744	-0.1					T__	50.3			m_e	
ARSA	0.74	114.7	Pg	06:23:57.713	0.4					T__	4.2			m_e	
ARSA	0.74	114.7	Sg	06:24:06.931	-0.1					T__	2.7			m_e	
KBA	0.94	239.3	Pg	06:24:00.347	-0.7					T__	16.4			m_e ML	1.7
KBA	0.94	239.3	Sg	06:24:12.302	-1.0					T__	3.2			m_e	
OBKA	1.06	179.3	Pg	06:24:03.788	0.6					T__	5.2			m_e ML	2.0
OBKA	1.06	179.3	Sg	06:24:17.091	0.2					T__	4.9			m_e	
GEC2	1.39	337.0	Pg	06:24:09.178	-0.4					T__	21.9			m_e ML	2.0
GEC2	1.39	337.0	Sg	06:24:27.492	-0.2					T__	5.2			m_e	
WET	1.92	325.8	Pg	06:24:19.210	-0.3					T__	1.8			m_e ML	2.3
WET	1.92	325.8	Sg	06:24:44.930	0.5					T__	3.1			m_e	
WTTA	1.98	262.3	Pg	06:24:20.314	-0.3					T__	4.3			m_e	
WTTA	1.98	262.3	Sg	06:24:47.371	1.1					T__	3.9			m_e	
GRFO	3.05	315.4	Sg	06:25:20.958	0.8					T__	2.9			m_e	
DAVA	3.16	266.7	Sg	06:25:24.274	0.6					T__	3.1			m_e	
BRG	3.33	353.6	Sg	06:25:25.800	-3.3					---				m_e	
MOX	3.62	329.3	Sg	06:25:37.978	-0.4					T__	2.7			m_e	
CLL	3.87	345.7	Sg	06:25:46.000	-0.3					---				m_e	



Event 40527002 Oberkirch/Upper Rhine Graben, NE of Offenburg

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/27	12:08:28.10			48.4100	8.3200				10.0							m i uk	NEIC	40527022
2004/05/27	12:08:28.20			48.4250	8.3316				10.0		16	7				m i ke	LDG	40527012
2004/05/27	12:08:28.09	0.34		48.4800	8.3180	3.3	2.2	129	10.0f		16	12	124	0.15	1.43	m i ke	BGR	40527002

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		NEIC	40527022
ML	2.5		LDG	40527012
ML	2.0	1	BGR	40527002

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.15	177.1	Pg	12:08:30.553	-0.8					T__	39.8			m_e	
BFO	0.15	177.1	Sg	12:08:32.271	-1.4					__	6.0			m_e	
FELD	0.64	199.2	Pg	12:08:39.776	-0.5					T__	4.7			m_e	
STU	0.65	63.0	Sg	12:08:48.902	0.0					T__	3.9			m_e	ML 2.0
SLE	0.72	170.6	Pg	12:08:41.211	-0.6					T__	3.2			m_e	
SLE	0.72	170.6	Sg	12:08:52.011	0.8					T__	9.3			m_e	
ECH	0.81	251.5	Pg	12:08:43.778	0.2					T__	5.2			m_e	
ECH	0.81	251.5	Sg	12:08:54.230	0.1					T__	6.6			m_e	
MOF	1.01	232.0	Pg	12:08:47.487	0.3					T__	2.8			m_e	
MOF	1.01	232.0	Sg	12:09:00.235	-0.1					T__	4.6			m_e	
ZUR	1.13	170.9	Sg	12:09:03.832	-0.1					T__	2.4			m_e	
WILA	1.14	159.4	Pg	12:08:49.664	0.1					T__	1.7			m_e	
WILA	1.14	159.4	Sg	12:09:04.627	0.3					T__	4.8			m_e	
BBS	1.15	208.4	Pg	12:08:49.602	-0.2					T__	2.0			m_e	
TOD	1.17	15.6	Sg	12:09:05.748	0.4					T__	2.9			m_e	
BOURR	1.31	214.3	Sg	12:09:09.985	0.3					T__	1.9			m_e	
KAMOR	1.43	146.2	Sg	12:09:13.392	-0.1					T__	3.6			m_e	

Event 40527306 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
2004/05/27	14:30:27.50	0.74	0.31	51.7010	7.6720				1.0f	0.0	11	6	329	0.75	1.54	m i ki	BENS	40527326
2004/05/27	14:30:28.56	0.42		51.6410	7.7530	7.8	4.4	147	1.0f		6	4	154			m i ki	BGR	40527316
2004/05/27	14:30:26.50			51.6650	7.7220				1.0f				190	0.09	0.36	m i ki	BUG	40527306

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.3		BENS	40527326
ML	2.3		BGR	40527316
ML	2.2		BUG	40527306

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.09	40.6	Pg	14:30:29.400	1.1					T__				m__	ML 2.2
BAHL	0.09	40.6	Sg	14:30:31.600	2.1					T__				m__	
BUG	0.36	231.6	Pg	14:30:34.200	0.9					TA__				mce	ML 2.2
BUG	0.36	231.6	Sg	14:30:39.900	2.0					TA__				m__	

IBBN	0.64	1.9	Sg	14:30:49.855	2.9	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	2.3
HOB	0.72	199.7	Pg	14:30:41.630	1.5	---	---	---	---	---	---	---	---	---	---	---	m_e		
HOB	0.72	199.7	Sg	14:30:52.550	3.1	---	---	---	---	---	---	163.1	0.80	---	---	---	m_e		
BNS	0.78	206.1	Pg	14:30:43.140	1.9	---	---	---	---	---	---	---	---	---	---	---	m_e		
BNS	0.78	206.1	Sg	14:30:53.730	2.4	---	---	---	---	---	---	166.1	0.50	---	---	---	m_e		
STB	1.21	207.7	Pg	14:30:49.880	0.7	---	---	---	---	---	---	---	---	---	---	---	m_e		
STB	1.21	207.7	Sg	14:31:06.150	1.3	---	---	---	---	---	---	68.2	0.40	---	---	---	m_e		
KLL	1.35	221.5	Pg	14:30:51.950	0.0	---	---	---	---	---	---	---	---	---	---	---	m_e		
KLL	1.35	221.5	Sg	14:31:10.160	0.8	---	---	---	---	---	---	46.6	0.60	---	---	---	m_e		
BGG	1.48	189.6	Pg	14:30:53.650	-0.7	---	---	---	---	---	---	---	---	---	---	---	m_e		
BGG	1.48	189.6	Sg	14:31:13.440	-0.0	---	---	---	---	---	---	20.0	0.50	---	---	---	m_e		
HIL	1.52	206.0	Sg	14:31:14.290	-0.5	---	---	---	---	---	---	---	---	---	---	---	m_e		
CLZ	1.65	82.8	Pn	14:30:56.096	0.3	---	---	---	---	---	---	---	---	---	---	---	m_e	ML	2.3
CLZ	1.65	82.8	Sg	14:31:20.820	1.9	---	---	---	---	---	---	---	---	---	---	---	m_e		
NRDL	1.68	59.6	Pn	14:30:59.226	2.9	---	---	---	---	---	---	---	---	---	---	---	m_e		
MOX	2.65	111.2	Pn	14:31:10.600	1.3	---	---	---	---	---	---	---	---	---	---	---	m_e		
MOX	2.65	111.2	Pg	14:31:17.600	1.2	---	---	---	---	---	---	---	---	---	---	---	m_e		
MOX	2.65	111.2	Sg	14:31:50.900	0.3	---	---	---	---	---	---	---	---	---	---	---	m_e		

Event 40527003 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/27	18:14:19.80			49.3000	6.8900				1.0							m i uk	NEIC	40527013
2004/05/27	18:14:19.28	0.48		49.3590	6.8830	6.7	3.3	098	1.0f		10	7	170	0.36	1.66	m i ki	BGR	40527003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.0		NEIC	40527013
ML	1.6	1	BGR	40527003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
RUP	0.36	18.4	Pg	18:14:26.253	0.2					T__	3.9			m_e	
ABH	0.68	39.2	Pg	18:14:31.963	-0.1					T__	1.2			m_e	
ECH	1.16	170.9	Pg	18:14:41.444	0.3					T__	2.3			m_e	
ECH	1.16	170.9	Sg	18:14:56.151	0.1					T__	4.9			m_e	
THEF	1.27	207.7	Pg	18:14:43.023	-0.3					T__	2.0			m_e	
THEF	1.27	207.7	Sg	18:14:59.547	-0.2					T__	1.9			m_e	
BFO	1.40	136.7	Sg	18:15:03.706	-0.1					T__	5.2			m_e	ML
MOF	1.52	173.6	Pg	18:14:47.946	0.1					T__	1.5			m_e	1.6
MOF	1.52	173.6	Sg	18:15:07.964	0.5					T__	3.9			m_e	
FELD	1.66	153.0	Sg	18:15:11.663	-0.3					T__	5.5			m_e	

Event 40528003 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
2004/05/28	16:34:09.20	0.77	0.41	51.6670	7.7060				1.0f	0.0	10	6	328	0.72	1.52	m i ki	BENS	40528023
2004/05/28	16:34:09.67	0.34		51.5400	7.7230	5.6	3.3	178	1.0f		10	7	131	0.30	2.60	m i ki	BGR	40528013
2004/05/28	16:34:07.80			51.6760	7.7430				1.0f				192	0.08	0.38	m i ki	BUG	40528003

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.2		BENS	40528023
ML	2.2	0.1	4 BGR	40528013
ML	2.2		BUG	40528003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BAHL	0.08	38.7	Pg	16:34:11.100	1.8					T__				m__	ML	2.0
BAHL	0.08	38.7	Sg	16:34:13.200	2.9					T__				m__		
BUG	0.38	231.6	Pg	16:34:15.900	1.0					TA_				mci	ML	2.2
BUG	0.38	231.6	Sg	16:34:21.800	2.0					TA_				m__		
WTSB	0.65	296.8	Pg	16:34:22.345	2.3					___	4.7			m_e		
WTSB	0.65	296.8	Sg	16:34:32.544	4.0					___	3.1			m_e		
HOB	0.74	200.4	Pg	16:34:22.590	0.9					___				m_e		
HOB	0.74	200.4	Sg	16:34:33.180	1.9					___		91.0	0.20	m_e		
BNS	0.80	206.6	Pg	16:34:23.860	1.1					___				m_e		
STB	1.22	208.0	Pg	16:34:31.660	0.8					___				m_e		
STB	1.22	208.0	Sg	16:34:47.510	0.9					___		67.0	0.50	m_e		
KLL	1.37	221.7	Pg	16:34:33.260	-0.3					___				m_e		
KLL	1.37	221.7	Sg	16:34:51.490	0.3					___		44.9	0.30	m_e		
HGN	1.46	231.9	Pg	16:34:35.068	-0.2					___	6.9			m_e		
HGN	1.46	231.9	Sg	16:34:53.901	-0.1					___	3.5			m_e		
BGG	1.49	190.1	Pg	16:34:35.650	-0.3					___				m_e		
BGG	1.49	190.1	Sg	16:34:54.520	-0.7					___		21.7	0.20	m_e		
HIL	1.54	206.2	Sg	16:34:56.510	-0.1					___				m_e		
CLZ	1.64	83.2	Pn	16:34:37.875	0.9					___				m_e	ML	2.2
CLZ	1.64	83.2	Sg	16:35:03.384	3.6					___	2.1			m_e		
UBBA	1.65	120.4	Pg	16:34:39.292	0.3					___				m_e		
WLF	2.25	207.2	Sg	16:35:16.762	-2.5					___	3.0			m_e	ML	2.3
MOX	2.64	111.5	Pn	16:34:52.327	1.8					___	2.6			m_e		
MOX	2.64	111.5	Pg	16:34:59.300	1.8					___				m_e		
MOX	2.64	111.5	Sg	16:35:32.514	0.9					___	2.2			m_e		

Event 40528305 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
2004/05/28	17:46:44.50	1.16	0.51	51.7290	7.8170				1.0f	0.0	9	6	330	0.80	1.60	m i ki	BENS	40528325
2004/05/28	17:46:47.10	0.47		51.4680	7.8370	14.5	5.6	160	1.0f		5	3	169			m i ki	BGR	40528315
2004/05/28	17:46:44.90			51.6660	7.7460				1.0f				199	0.09	0.37	m i ki	BUG	40528305

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	1.9		BENS	40528325
ML	2.0		BGR	40528315
ML	1.8		BUG	40528305

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude	
BAHL	0.09	33.5	Pg	17:46:48.000	1.5					T__				m__	ML	1.8
BAHL	0.09	33.5	Sg	17:46:50.200	2.6					T__				m__		
BUG	0.37	232.9	Pg	17:46:52.900	1.0					TA_				mce	ML	1.8
BUG	0.37	232.9	Sg	17:46:58.700	2.0					TA_				m__		
HOB	0.73	200.8	Pg	17:46:59.820	1.2					___				m_e		
HOB	0.73	200.8	Sg	17:47:10.660	2.6					___		67.0	0.50	m_e		

BNS	0.79	207.1	Sg	17:47:13.730	3.8	---													m_e	
STB	1.21	208.3	Pg	17:47:08.140	0.4	---													m_e	
STB	1.21	208.3	Sg	17:47:24.460	1.0	---						25.4	0.60					m_e		
KLL	1.36	222.0	Pg	17:47:10.330	-0.2	---												m_e		
KLL	1.36	222.0	Sg	17:47:28.290	0.2	---						18.9	0.70					m_e		
BGG	1.48	190.2	Sg	17:47:31.790	-0.2	---						11.9	0.50					m_e		
HIL	1.53	206.5	Sg	17:47:33.210	-0.2	---												m_e		
CLZ	1.64	82.8	Pn	17:47:14.994	1.0	---												m_e	ML 1.9	
CLZ	1.64	82.8	Sg	17:47:39.869	3.0	---												m_e		
WLF	2.24	207.4	Sg	17:47:53.928	-2.2	---												m_e	ML 2.2	

Event 40529003 Lahr/Upper Rhine Graben

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID	
2004/05/29	01:36:00.60			48.2720	7.7052				5.0f		20	9					m i ke	LDG	40529013
2004/05/29	01:35:59.99	0.50		48.3040	7.7410	4.4	2.2	000	10.0f		12	9	179	0.39	1.18	m i ke	BGR	40529003	

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.1		LDG	40529013
ML	0.6	1	BGR	40529003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	0.39	86.0	Pg	01:36:07.840	0.3					T__	5.2			m_e	ML 0.6
BFO	0.39	86.0	Sg	01:36:12.836	0.1					T__	2.4			m_e	
ECH	0.40	257.4	Sg	01:36:12.947	-0.0					T__				m_e	
FELD	0.46	157.6	Pg	01:36:08.677	-0.2					T__				m_e	
SLE	0.74	136.6	Pg	01:36:13.794	-0.2					T__				m_e	
SLE	0.74	136.6	Sg	01:36:23.226	-0.3					T__				m_e	
BOURR	0.97	200.8	Pg	01:36:18.517	0.1					T__				m_e	
BOURR	0.97	200.8	Sg	01:36:31.212	0.2					T__				m_e	
ZUR	1.09	148.6	Sg	01:36:34.614	-0.2					T__				m_e	
LOMF	1.13	213.1	Sg	01:36:36.149	0.0					T__				m_e	
THEF	1.17	266.9	Sg	01:36:37.028	-0.1					T__				m_e	
WILA	1.18	138.2	Sg	01:36:37.857	0.1					T__				m_e	

Event 40530001 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
2004/05/30	02:04:09.90	0.28		51.5606	7.6869	5.1	3.9	083	1.0f	0.0	27	17	299			m i si	LDG	40530031
2004/05/30	02:04:07.90	0.63	0.31	51.7010	7.6620				1.0f	0.0	10	6	329	0.75	1.54	m i ki	BENS	40530021
2004/05/30	02:04:07.47	0.29		51.5540	7.7570	5.6	3.3	160	1.0f		14	6	110	0.32	3.28	m i ki	BGR	40530011
2004/05/30	02:04:06.70			51.6720	7.7480				1.0f				197	0.08	0.38	m i ki	BUG	40530001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	2.4		LDG	40530031
ML	2.0		BENS	40530021
ML	2.0	0.1	3 BGR	40530011
ML	2.0		BUG	40530001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.08	35.1	Pg	02:04:09.900	1.7					T__				m__	ML 1.7
BAHL	0.08	35.1	Sg	02:04:12.300	3.1					T__				m__	
BUG	0.38	232.3	Pg	02:04:14.800	1.0					TA_				mci	ML 2.0
BUG	0.38	232.3	Sg	02:04:20.700	2.0					TA_				m__	
IBBN	0.64	0.5	Pg	02:04:21.270	2.6					___	0.6			m_e	ML 2.1
IBBN	0.64	0.5	Sg	02:04:30.442	3.6					___				m_e	
HOB	0.74	200.8	Pg	02:04:21.950	1.4					___				m_e	
HOB	0.74	200.8	Sg	02:04:32.730	2.7					___		74.5	0.60	m_e	
BNS	0.79	207.0	Pg	02:04:23.110	1.5					___				m_e	
STB	1.22	208.2	Pg	02:04:30.270	0.6					___				m_e	
STB	1.22	208.2	Sg	02:04:46.760	1.3					___		36.5	0.40	m_e	
KLL	1.36	221.9	Pg	02:04:32.360	-0.1					___				m_e	
KLL	1.36	221.9	Sg	02:04:50.450	0.4					___		23.6	0.20	m_e	
BGG	1.49	190.2	Pg	02:04:35.040	0.3					___				m_e	
BGG	1.49	190.2	Sg	02:04:53.920	-0.1					___		14.4	0.50	m_e	
HIL	1.53	206.4	Sg	02:04:55.290	-0.2					___				m_e	
CLZ	1.63	83.0	Pn	02:04:36.726	0.9					___	17.1			m_e	ML 1.9
CLZ	1.63	83.0	Pg	02:04:38.472	1.0					___	17.1			m_e	
CLZ	1.63	83.0	Sg	02:05:00.977	2.4					___				m_e	
WLF	2.25	207.4	Pg	02:04:48.205	-0.9					___	3.3			m_e	
WLF	2.25	207.4	Sg	02:05:13.768	-4.3					___				m_e	
MOX	2.63	111.4	Pn	02:04:51.605	2.2					___	1.9			m_e	
MOX	2.63	111.4	Pg	02:04:56.342	0.0					___	1.2			m_e	
MOX	2.63	111.4	Sg	02:05:29.535	-0.8					___				m_e	
CLL	3.29	94.3	Pg	02:05:09.061	0.3					___	1.4			m_e	
CLL	3.29	94.3	Sg	02:05:51.037	-0.2					___				m_e	

Event 40530004 Switzerland

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/30	09:46:18.80	1.29		46.3430	7.0800	17.8	13.3	030	10.0f		8	5	293	2.16	4.34	m i ke	BGR	40530004

Magnitude	Err	Nsta	Author	OrigID
ML	3.1	0.4	5 BGR	40530004

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BFO	2.16	22.6	Pn	09:46:52.541	-1.4					T__				m_e	ML 2.5
BFO	2.16	22.6	Sg	09:47:27.902	0.4					T__				m_e	
STU	2.82	29.7	Sg	09:47:49.733	1.4					T__				m_e	ML 3.2
FUR	3.38	55.9	Pg	09:47:20.979	-1.5					T__				m_e	ML 3.4
FUR	3.38	55.9	Sg	09:48:05.175	-1.0					T__				m_e	
WLF	3.38	349.8	Sg	09:48:05.973	-0.2					T__				m_e	ML 3.1
GRA1	4.34	38.1	Pg	09:47:38.551	-2.2					T__				m_e	ML 3.4
GRA1	4.34	38.1	Sg	09:48:35.792	-1.1					T__				m_e	

Event 920756 Saarbruecken-West

Date	Time	Err	RMS	Latitude	Longitude	Smaj	Smin	Az	Depth	Err	Ndef	Nsta	Gap	mdist	Mdist	Qual	Author	OrigID
2004/05/31	09:09:03.80			49.3652	6.8597				1.0f		18	10				m i si	LDG	920786

Magnitude Err Nsta Author OrigID  
 ML 2.3 LDG 920786

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
WLF	0.55	303.4	Sg	09:09:21.805	0.6					---					m_e
BFO	1.42	136.4	Sg	09:09:48.003	-0.8					---					m_e

Event 40531003 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
2004/05/31	14:50:13.20	0.96	0.41	51.6840	7.7170				1.0f	0.0	9	6	328	0.74	1.54	m i ki	BENS	40531023
2004/05/31	14:50:13.48	0.38		51.6020	7.7270	5.6	4.4	151	1.0f		9	5	153	0.33	1.66	m i ki	BGR	40531013
2004/05/31	14:50:12.20			51.6660	7.7340				1.0f				194	0.09	0.37	m i ki	BUG	40531003

(#PRIME)

Magnitude Err Nsta Author OrigID  
 ML 2.1 BENS 40531023  
 ML 2.2 0.1 2 BGR 40531013  
 ML 2.0 BUG 40531003

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
BAHL	0.09	37.4	Pg	14:50:15.300	1.4					T_				m_ ML	2.0
BAHL	0.09	37.4	Sg	14:50:17.400	2.3					T_				m_	
BUG	0.37	232.2	Pg	14:50:20.100	1.0					TA_				mce ML	2.0
BUG	0.37	232.2	Sg	14:50:25.900	2.1					TA_				m_	
IBBN	0.64	1.2	Pg	14:50:26.384	2.1					---	9.0			m_e ML	2.2
IBBN	0.64	1.2	Sg	14:50:35.638	3.1					---	2.0			m_e	
WTSB	0.65	297.8	Pg	14:50:27.056	2.6					---	6.1			m_e	
WTSB	0.65	297.8	Sg	14:50:35.381	2.5					---	4.2			m_e	
HOB	0.73	200.3	Pg	14:50:26.900	1.0					---				m_e	
HOB	0.73	200.3	Sg	14:50:37.720	2.4					---		114.2	0.60	m_e	
BNS	0.78	206.6	Pg	14:50:28.920	1.9					---				m_e	
STB	1.21	208.0	Pg	14:50:35.700	0.7					---				m_e	
STB	1.21	208.0	Sg	14:50:51.770	1.1					---		43.3	0.40	m_e	
KLL	1.35	221.8	Pg	14:50:37.310	-0.4					---				m_e	
KLL	1.35	221.8	Sg	14:50:55.710	0.5					---		29.2	0.70	m_e	
HGN	1.44	232.1	Pg	14:50:39.127	-0.3					---	6.3			m_e	
HGN	1.44	232.1	Sg	14:50:58.358	0.3					---	3.0			m_e	
BGG	1.48	189.9	Sg	14:50:58.850	-0.4					---		18.4	0.80	m_e	
HIL	1.53	206.2	Sg	14:51:00.570	-0.1					---				m_e	
CLZ	1.64	82.8	Pn	14:50:42.114	0.7					---	13.5			m_e ML	2.1
CLZ	1.64	82.8	Sg	14:51:07.066	2.7					---	2.0			m_e	
MOX	2.64	111.2	Pn	14:50:56.900	2.0					---				m_e	
MOX	2.64	111.2	Pg	14:51:03.600	1.7					---				m_e	
MOX	2.64	111.2	Sg	14:51:36.700	0.6					---				m_e	

Event 40531001 Worms

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

2004/05/31 23:52:04.10	0.13	49.6349	8.3448	2.4	1.7	048	16.0f	0.0	62	24	120			m i ke LDG	40531031
2004/05/31 23:52:06.10	0.52	0.51 49.6750	8.3440				18.5f	22.5	9	5	326	0.84	1.62	m i ke BENS	40531021
2004/05/31 23:52:03.15	0.19	49.6830	8.3860	2.2	1.1	144	10.0f		40	23	075	0.28	3.57	m i ke BGR	40531011
2004/05/31 23:52:04.00	0.20	49.6600	8.4000	2.0	1.0	002	13.0	3.0	13	8	169	0.26	2.28	m i ke LED	40531001

(#PRIME)

Magnitude	Err	Nsta	Author	OrigID
ML	3.0		LDG	40531031
ML	1.9		BENS	40531021
ML	2.3	0.2	6 BGR	40531011
ML	2.4		LED	40531001

Sta	Dist	EvAz	Phase	Time	TRes	Azim	AzRes	Slow	SRes	Def	SNR	Amp	Per	Qual	Magnitude
SWS	0.26	131.9	Pg	23:52:09.440	0.0					T__				m_c_i	ML 2.4
SWS	0.26	131.9	PmP	23:52:11.150	-2.2					T__				m__	
SWS	0.26	131.9	Sg	23:52:13.200	0.1					T__				m_i	
TOD	0.27	101.6	Pg	23:52:09.540	0.0					T__				m_c_i	
TOD	0.27	101.6	Sg	23:52:13.870	0.6					T__				m__	
KTD	0.40	211.3	Pg	23:52:11.890	0.1					T__				m_c_e	
KTD	0.40	211.3	Sg	23:52:17.257	0.1					T__				m_e	
ABH	0.59	292.3	Pg	23:52:15.410	0.0					T__				m_d_e	
LANF	0.78	209.9	Pg	23:52:18.500	-0.4					T__				m_c_e	
SIND	0.84	111.2	Pn	23:52:19.790	-1.2					T__				m_d_e	ML 2.7
SIND	0.84	111.2	Pg	23:52:20.340	0.3					T__				m_c_i	
SIND	0.84	111.2	Sg	23:52:31.420	0.4					T__				m__	
RUP	0.87	273.3	P	23:52:20.260						T__				m_c_i	
RUP	0.87	273.3	Pg	23:52:20.308	-0.2					---				m_e	
RUP	0.87	273.3	Sg	23:52:31.144	-0.7					---				m_e	
BGG	0.88	309.0	Pg	23:52:20.950	0.3					---				m_d_e	
BGG	0.88	309.0	Sg	23:52:32.380	0.3					---		63.2	0.50	m_i	
LBG	1.03	165.3	Pn	23:52:22.370	-1.1					T__				m__	ML 2.3
STU	1.03	149.5	Sg	23:52:37.090	0.2					---				m_e	ML 2.5
TUBL	1.22	158.3	Sg	23:52:43.140	0.1					---				m__	ML 2.6
HIL	1.27	300.4	Sg	23:52:42.290	-2.4					---				m_e	
BFO	1.33	182.0	Pg	23:52:29.145	-0.0					---				m_e	ML 2.2
BFO	1.33	182.0	Sg	23:52:46.297	-0.1					---				m_e	
BUCH	1.36	152.3	Pg	23:52:30.130	0.4					---				m_d_i	ML 2.4
BUCH	1.36	152.3	Sg	23:52:47.200	-0.2					---				m__	
STB	1.37	313.6	Pg	23:52:29.570	-0.3					---				m_e	
STB	1.37	313.6	Sg	23:52:44.170	-3.5					---		11.0	0.80	m_e	
WLS	1.42	209.2	Pg	23:52:30.620	-0.3					---				m__	
WLS	1.42	209.2	Sg	23:52:48.805	-0.6					---				m_e	
WLF	1.45	271.0	Pn	23:52:28.943	-0.3					---	3.9			m_e	ML 2.1
WLF	1.45	271.0	Pg	23:52:30.712	-0.8					---				m_e	
WLF	1.45	271.0	Sg	23:52:49.369	-1.0					---				m_e	
HOB	1.49	333.2	Pg	23:52:30.260	-1.9					---				m_e	
HOB	1.49	333.2	Sg	23:52:46.910	-4.5					---		25.3	0.40	m_e	
SPAK	1.58	170.6	Pg	23:52:33.735	-0.1					---				m_e	
LIBD	1.60	199.4	Pg	23:52:34.640	0.4					---				m__	
HDH	1.60	131.6	Sg	23:52:54.530	-0.4					---				m__	ML 2.3
GUT	1.66	163.2	Pn	23:52:31.440	-0.6					---				m__	ML 2.2
ECH	1.66	209.9	Pn	23:52:30.022	-2.0					---	2.4			m_e	
ECH	1.66	209.9	Pg	23:52:34.750	-0.6					---				m__	
ECH	1.66	209.9	Sg	23:52:55.512	-1.3					---				m_e	

KLL	1.66	307.2	Pg	23:52:32.350	-3.1	---						m_e		
KLL	1.66	307.2	Sg	23:52:52.770	-4.2	---					8.9	0.50	m_e	
KIZ	1.73	190.7	Pn	23:52:31.340	-1.7	---							m_e ML	2.5
FELD	1.80	188.5	Pn	23:52:32.460	-1.5	---							m_e	
FELD	1.80	188.5	Pg	23:52:37.839	-0.2	---							m_e	
FELD	1.80	188.5	Sg	23:53:00.145	-1.2	---							m_e	
GRFO	1.83	88.0	Pg	23:52:37.901	-0.6	---							m_e ML	2.3
GRFO	1.83	88.0	Sg	23:53:01.243	-0.9	---							m_e	
BUG	1.92	338.5	Sg	23:53:03.141	-2.0	---							m_e ML	2.2
MOF	1.99	205.3	Pg	23:52:41.080	-0.5	---							m_e	
MOF	1.99	205.3	Sg	23:53:06.387	-1.0	---							m_e	
SISB	2.01	169.1	Sg	23:53:08.210	0.3	---							m_e ML	2.4
THEF	2.13	228.7	Pn	23:52:36.967	-1.5	---			2.2				m_e	
THEF	2.13	228.7	Pg	23:52:42.620	-1.6	---							m_e	
THEF	2.13	228.7	Sg	23:53:10.410	-1.4	---							m_e	
BBS	2.27	195.4	Pg	23:52:46.755	-0.1	---							m_e	
BBS	2.27	195.4	Sg	23:53:15.870	-0.4	---							m_e	
UBR	2.28	149.7	Sg	23:53:16.380	-0.1	---							m_e ML	2.5
MOX	2.28	63.2	Pn	23:52:38.800	-1.7	---							m_e ML	2.4
MOX	2.28	63.2	Pg	23:52:45.930	-1.2	---							m_e	
MOX	2.28	63.2	Sg	23:53:15.419	-1.2	---							m_e	
LOMF	2.53	204.9	Pg	23:52:51.312	-0.5	---							m_e	
LOMF	2.53	204.9	Sg	23:53:23.945	-0.6	---							m_e	
GUNZ	2.62	73.0	Pg	23:52:52.677	-0.8	---							m_e	
NEUB	2.64	53.2	Sg	23:53:27.310	-0.6	---							m_e	
CLL	3.36	58.9	Pg	23:53:05.918	-1.4	---							m_e	
CLL	3.36	58.9	Sg	23:53:49.280	-1.5	---							m_e	
GEC2	3.55	101.2	Pn	23:52:58.880	1.2	---			1.9				m_e	
GEC2	3.55	101.2	Sg	23:53:56.487	-0.5	---							m_e	
BRG	3.74	69.0	Pg	23:53:13.000	-1.6	---							m_e	
BRG	3.74	69.0	Sg	23:54:01.800	-1.2	---							m_e	

DATA\_TYPE ARRIVAL: unassociated

Net	Sta	Chan	Aux	Date	Time	Phase	Azim	Slow	SNR	Amp	Per	Qual	Author	ArrID
	OGA			2004/05/01	09:43:59.200	Pg						mdi	OGA	
	SCE			2004/05/01	09:43:54.700	Pg						mci	SCE	
	SCE			2004/05/01	09:44:07.300	Sg						m_e	SCE	
	BRG			2004/05/01	17:09:15.200	Sg						m_e	BRG	
	BRG			2004/05/01	19:32:05.400	Sg						m_e	BRG	
	BRG			2004/05/01	20:38:46.000	Sg						m_e	BRG	
	BRG			2004/05/02	09:08:28.600	Sg						m_e	BRG	
	BRG			2004/05/03	03:45:22.000	Sg						m_e	BRG	
	CLL			2004/05/04	12:00:35.000	Sg						m_e	CLL	
	BRG			2004/05/06	05:41:00.300	Pg						m_i	BRG	
	BRG			2004/05/06	05:41:10.700	Sg						m_i	BRG	
	BRG			2004/05/06	12:19:21.800	Sg						m_e	BRG	
	BRG			2004/05/07	03:13:40.500	Pg						m_e	BRG	
	BRG			2004/05/07	03:14:00.100	Sg						m_e	BRG	
	BRG			2004/05/07	03:30:25.500	Pg						m_e	BRG	
	BRG			2004/05/07	03:30:44.700	Sg						m_e	BRG	
	CLL			2004/05/07	17:24:46.000	Pg						m_i	CLL	



CLL	2004/05/07	17:25:03.900	Sg	m_i	CLL
BRG	2004/05/07	17:24:14.900	Sg	m_e	BRG
CLL	2004/05/07	17:24:46.000	Pg	m_i	CLL
CLL	2004/05/07	17:25:03.900	Sg	m_i	CLL
BRG	2004/05/07	18:02:53.600	Sg	m_e	BRG
BRG	2004/05/07	19:57:08.500	Sg	m_e	BRG
BRG	2004/05/08	09:13:16.400	Pg	m_e	BRG
BRG	2004/05/08	09:13:36.300	Sg	m_e	BRG
BRG	2004/05/08	18:44:39.900	Sg	m_e	BRG
CLL	2004/05/09	00:18:24.000	Sg	m_e	CLL
BRG	2004/05/09	02:31:46.500	Sg	m_e	BRG
BRG	2004/05/09	19:29:22.500	Sg	m_e	BRG
BRG	2004/05/10	05:04:32.000	Sg	m_e	BRG
BRG	2004/05/10	19:52:02.400	Sg	m_e	BRG
BRG	2004/05/10	19:55:44.600	Sg	m_e	BRG
BRG	2004/05/10	20:56:59.300	Sg	m_e	BRG
BRG	2004/05/11	10:49:53.800	Sg	m_e	BRG
BRG	2004/05/12	17:55:53.800	Sg	m_e	BRG
CLL	2004/05/13	02:50:24.000	Pn	m_e	CLL
CLL	2004/05/13	02:52:43.000	(Sg)	m_e	CLL
BRG	2004/05/13	05:59:40.000	Sg	m_e	BRG
CLL	2004/05/13	18:26:18.000	Sg	m_e	CLL
CLL	2004/05/13	22:34:05.000	Sg	m_e	CLL
BRG	2004/05/13	22:41:33.800	Sg	m_e	BRG
CLL	2004/05/14	00:07:26.000	Pg	m_e	CLL
CLL	2004/05/14	00:08:14.000	Sg	m_e	CLL
BRG	2004/05/15	03:29:26.400	Sg	m_e	BRG
BRG	2004/05/16	14:36:04.800	Sg	m_e	BRG
BRG	2004/05/17	00:01:18.400	Sg	m_e	BRG
BRG	2004/05/17	02:39:27.700	Sg	m_e	BRG
ROD	2004/05/17	03:40:50.190	Pg	m_e	BENS
ROD	2004/05/17	03:41:04.170	Sg	m_e	BENS
BRG	2004/05/17	21:57:10.600	Sg	m_e	BRG
CLL	2004/05/18	00:00:27.100	Pg	m_i	CLL
CLL	2004/05/18	00:00:39.000	Sg	m_e	CLL
BRG	2004/05/18	21:39:56.700	Sg	m_e	BRG
BRG	2004/05/19	14:13:49.000	Sg	m_e	BRG
CLL	2004/05/19	14:14:06.000	Sg	m_e	CLL
BRG	2004/05/20	03:29:16.200	Sg	m_e	BRG
BRG	2004/05/20	07:31:50.900	Sg	m_e	BRG
BRG	2004/05/20	09:12:09.100	Sg	m_e	BRG
BRG	2004/05/20	17:23:37.100	Sg	m_e	BRG
BRG	2004/05/20	20:20:45.000	Sg	m_e	BRG
BRG	2004/05/20	21:41:46.300	Sg	m_e	BRG
CLL	2004/05/21	05:17:17.000	Sg	m_e	CLL
BRG	2004/05/21	05:17:12.300	Sg	m_e	BRG
CLL	2004/05/22	01:02:54.000	(Pn)	m_e	CLL
CLL	2004/05/22	01:04:00.000	Sg	m_e	CLL
BRG	2004/05/22	05:36:54.900	Sg	m_e	BRG
BRG	2004/05/23	02:00:30.000	Sg	m_e	BRG
BRG	2004/05/23	02:20:53.600	Sg	m_e	BRG
BRG	2004/05/23	05:55:32.700	Sg	m_e	BRG
BRG	2004/05/25	00:59:32.700	Sg	m_e	BRG
BRG	2004/05/25	01:02:19.400	Sg	m_e	BRG

BRG	2004/05/25	03:32:10.500	Sg	m_i	BRG
BRG	2004/05/25	23:49:18.600	Sg	m_e	BRG
BRG	2004/05/26	20:06:55.900	Sg	m_e	BRG
BRG	2004/05/26	22:47:47.500	Sg	m_e	BRG
BRG	2004/05/27	05:20:05.900	Sg	m_e	BRG
BRG	2004/05/27	10:10:26.400	Pg	m_e	BRG
BRG	2004/05/27	10:10:37.800	Sg	m_e	BRG
BRG	2004/05/27	20:06:55.900	Sg	m_e	BRG
BRG	2004/05/27	22:39:30.000	Sg	m_e	BRG
BRG	2004/05/28	03:37:54.800	Sg	m_e	BRG
BRG	2004/05/28	05:58:44.700	Sg	m_e	BRG
BRG	2004/05/29	08:08:21.300	Sg	m_e	BRG
BRG	2004/05/30	06:33:29.400	Sg	m_e	BRG
BRG	2004/05/31	00:53:51.000	Sg	m_e	BRG
BRG	2004/05/31	01:19:14.000	Sg	m_e	BRG