

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/01	16:59:32.0	+/- 0.26	51.440N	10.380E	3.3	2.2	76	1G		20	10	125	2.0ML	TNS	BGR	I
2003/07/01	16:59:32.9	+/- 0.29	51.457N	10.419E	4.4	3.3	79	1	+/- 0.0	13	7	123	1.8ML		SZGRF	I

Bleicherode, S Harz Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
CLZ	e Pg	Z 16:59:38.8	-1.3	T		42.9	355.7	ML 1.7
	e Sg	N 16:59:44.6	-0.5	T				
UBBA	e Pg	Z 16:59:44.6	-1.3	T		76.7	202.5	ML 1.4
	e Sg	N 16:59:54.4	-0.4	T				
NRDL	e Pg	Z 16:59:52.4	-0.3	T		117.3	349.6	ML 1.6
	e Sg	E 17:00:07.5	1.1	T				
MOX	e Pg	Z 16:59:53.7	-0.1	T		123.1	136.7	ML 1.9
	e Sg	E 17:00:09.1	1.1	T				
CLL	e Pg	E 17:00:01.9	-1.5	T		180.0	94.3	ML 2.2
	e Sg	N 17:00:23.3	-1.0	T				
TNS	e Pg	Z 17:00:04.3	-1.6	T		194.9	226.0	ML 2.0
	e Sg	E 17:00:26.1	-2.5					
GRA1	e Pg	Z 17:00:06.5	-1.0	T		204.3	163.6	ML 2.3
	e Sg	E 17:00:31.1	-0.2	T				
GRFO	e Pg	Z 17:00:06.7	-0.8		4.5	204.4	163.6	
	e Sg	N 17:00:31.3	-0.0					
BRG	e Pg	Z 17:00:16.2	0.3		1.6	254.1	103.4	ML 2.1
	e Sg	E 17:00:44.6	-0.9					
WET	e Pg	Z 17:00:24.7	-0.9		1.8	310.9	144.9	
	e Sg	E 17:01:01.2	-0.5					
GEC2	e Pg	Z 17:00:34.6	-1.5		2.0	372.8	139.9	
	e Sg	E 17:01:19.1	-0.3					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/03	02:04:12.1	+/- 0.10	50.380N	7.320E	2.0	1.5	55	7G		57	21	123	3.2ML		LDG	L
2003/07/03	02:04:12.4	+/- 0.38	50.379N	7.338E	5.6	4.4	133	10G		6	4	130	2.5ML		SZGRF	L
2003/07/03	02:04:11.6	+/- 0.26	50.400N	7.400E	3.3	3.3	101	5G		31	15	127	2.7ML	BUG	BGR	L
2003/07/03	02:04:11.9	+/- 0.20	50.400N	7.340E	3.0	2.0	325	2	+/- 3.0	23	8	148	2.6ML		LER	L

Two aftershocks at 02:06 and 02:08 UTC

Neuwied, N of Koblenz

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
FSH	e Pg	02:04:18.8	0.2	T		39.6	204.7	ML 3.0
	e Sg	02:04:23.3	0.1	T				
FACH	i Pg -	02:04:20.0	0.1	T		46.6	95.7	ML 2.3
	e Sg	02:04:25.8	0.6	T				
BIW	e P*	02:04:20.8		T		50.9	43.5	ML 2.6
	i Pg +	02:04:20.4	-0.2	T				
	e S*	02:04:27.1		T				
	e Sg	02:04:26.2	-0.3	T				
BLI	i Pg -	02:04:25.0	0.1	T		77.0	256.4	ML 2.4
	e Sg	02:04:35.2	1.3	T				
TNS	e Pg	Z 02:04:25.5	-0.1		47.4	81.1	103.7	ML 2.4
	e Sg	N 02:04:34.8	-0.3					
RIVT	e Pg +	02:04:26.0	-0.7	T		87.2	208.3	ML 2.6
	e Sn	02:04:39.4	-2.1	T				
	e Sg	02:04:37.9	1.0	T				
IMS	i Pg +	02:04:28.5	-0.1	T		98.2	155.7	ML 2.9

	e	Sn		02:04:41.3	-2.5	T												
	e	Sg		02:04:39.6	-0.4	T												
BUG	e	Pg	Z	02:04:31.6	0.1		16.4	115.8	357.6	ML	2.7							
	e	Sg	E	02:04:44.8	-0.2													
DUP	e	Pn		02:04:32.0	-1.0	T		116.9	200.0	ML	2.7							
	e	Pg		02:04:31.2	-0.5	T												
	e	Sn		02:04:46.8	-1.0	T												
	e	Sg		02:04:45.5	0.3	T												
WLF	e	Pg	Z	02:04:31.8	-0.0		15.0	117.8	226.5	ML	2.5							
	e	Sg	E	02:04:45.7	0.1													
PEB	i	Pn	-	02:04:36.8	-0.3	T		150.7	169.5	ML	3.1							
	e	Sn		02:04:53.3	-1.6	T												
	e	Sg		02:04:55.3	0.3	T												
UBBA	e	Pn	Z	02:04:40.7	-1.6		1.2	193.4	75.0	ML	2.4							
	e	Pg	Z	02:04:43.2	-1.4		3.1											
	e	Sg	N	02:05:05.7	-1.5													
IBBN	e	Pg	Z	02:04:47.7	-0.4		1.9	214.0	7.6	ML	2.8							
	e	Sg	N	02:05:11.9	-1.1													
STU	e	Pg	Z	02:04:49.9	-0.1		1.8	225.1	142.9	ML	2.9							
	e	Sg	E	02:05:14.6	-1.6													
BFO	e	Pn	Z	02:04:48.0	-0.1		1.2	241.0	162.3	ML	2.5							
	e	Pg	Z	02:04:52.5	-0.2		9.3											
	e	Sg	E	02:05:18.1	-2.7													
CLZ	e	Pn	Z	02:04:49.7	-1.4		1.7	265.5	51.7	ML	2.8							
	e	Pg	Z	02:04:54.6	-2.2		8.4											
	e	Sg	E	02:05:25.8	-2.0													
GRFO	e	Pg	Z	02:04:59.8	-0.9		3.3	288.0	104.4	ML	2.4							
	e	Sg	N	02:05:33.2	-1.0													
NRDL	e	Pg	Z	02:05:02.2	-0.8		1.7	301.6	38.4									
MOX	e	Pn	Z	02:04:56.0	0.3		1.4	303.4	83.2	ML	2.6							
	e	Pg	Z	02:05:01.8	-1.5		4.3											
	e	Sg	N	02:05:36.2	-2.4													
CLL	e	Pg	Z	02:05:20.7	-0.7		3.0	410.0	73.6									
	e	Sg	N	02:06:07.6	-1.4													
WET	e	Pn	Z	02:05:11.9	1.7		3.3	421.4	107.2									
BRG	e	Sg	N	02:06:23.6	-2.1			468.4	81.0									
GEC2	e	Pn	Z	02:05:19.6	1.2		4.3	489.6	108.2									
	e	Sg	N	02:06:30.6	-1.2													

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
2003/07/04 20:17:00.8 +- 0.71 52.460N 9.010E 24.5 5.6 174 1G 5 4 187 2.2ML CLZ BGR I?

Loccum, Nienburg

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
NRDL	e Pg	Z	20:17:12.4	-1.0	T		74.4	86.6	
	e (Sg)	N	20:17:23.1	1.0	T				
IBBN	e (Sg)	E	20:17:25.9	0.3	T		86.7	259.2	
CLZ	e Pg	Z	20:17:20.4	-0.0	T		115.6	126.0	ML 2.2
MOX	e (Pn)	Z	20:17:40.9	0.2	T		270.5	137.2	
	e Sg		20:18:21.7	3.6					

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
2003/07/07 00:00:38.3 48.000N 7.500E 5 1.9ML SED

2003/07/07 00:00:38.2 +- 0.07	47.985N	7.487E	1.5	1.3	3	8G	37	14	56	2.4ML	LDG	L
2003/07/07 00:00:39.7 +- 1.32	48.036N	7.483E	15.6	5.6	14	10G	7	5	270	1.9ML	SZGRF	L
2003/07/07 00:00:38.0 +- 0.70	48.000N	7.500E	9.0	4.0	34	5G	23	14	70	2.0ML	LED	L

Muellheim/Upper Rhine Graben, NE of Mulhouse/F

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
LIBD	e Pg -		00:00:41.6	0.4	T		18.4	24.5	
FBB	Pg		00:00:42.8	0.3			26.3	89.5	
KIZ	e Pg +		00:00:43.5	0.1	T		31.5	98.7	ML 1.5
	PmP		00:00:47.7	-1.0					
	e Sg		00:00:47.3	0.2	T				
MOF	Pg		00:00:43.1	-0.3	T		31.9	239.0	
ECH	Pg		00:00:43.8	-0.2	T		34.9	313.5	
	Sg		00:00:48.1	0.1	T				
FELD	Pg		00:00:44.4	-0.4	T		40.0	109.9	
WLS	i Pg -		00:00:46.2	0.2	T		47.2	346.8	
BBS	Pg		00:00:47.6	-0.5	T		59.6	179.3	
BFO	e Pg Z		00:00:51.4	1.3			71.6	58.9	ML 1.2
	e Sg N		00:01:01.9	3.3					
LOMF	Pg		00:00:52.9	-0.1	T		88.0	215.1	
LANF	Pg		00:00:56.9	-0.0	T		111.3	11.5	
THEF	i Pg -		00:00:57.6	0.1	T		114.6	283.3	
	Sg		00:01:11.1	0.3	T				
SISB	e Pn		00:00:58.3	-0.1	T		114.7	107.2	ML 2.1
	Pg		00:00:59.5	2.0	T				
	Sn		00:01:12.0	-0.8	T				
GUT	e Pn +		00:00:59.1	-0.1	T		120.4	85.7	ML 2.0
	i PmP		00:01:00.3	-0.1	T				
	Sn		00:01:14.0	-0.0	T				
LBG	e Pn		00:00:58.1	-1.1	T		120.9	51.9	ML 2.1
	e Pg		00:00:59.2	0.7	T				
	Sn		00:01:14.2	0.0	T				
BUCH	Pn		00:01:01.1	-1.2	T		146.1	69.3	ML 1.8
	Sn		00:01:21.2	1.7					
STU	e Sg N		00:01:22.1	0.8			151.6	54.9	ML 2.1
KTD	e Pg		00:00:58.2	-5.8			152.9	16.1	
UBR	Pg		00:01:16.1	4.5			197.8	99.4	ML 1.9
	Sg		00:01:38.6	4.0					
WLF	e Pg Z		00:01:13.3	-0.3			209.7	332.5	ML 1.8
	e Sg E		00:01:37.7	-0.2					
SIND	Pn		00:01:15.2	4.5			215.4	45.1	ML 2.2
	Sn		00:01:39.8	5.7					
TNS	e Sg N		00:01:53.2	1.9			256.5	15.2	ML 2.0
GRA1	e Sg N		00:02:13.2	0.7			330.9	54.0	ML 2.5

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/07	14:00:07.0			48.390N	5.780E				5					2.3ML		NEIC	

Chatenois/Vosges/F

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e (Pg) Z		14:00:38.5	-0.4			188.5	91.1	
	e (Sg) N		14:01:00.1	-0.8					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/08	07:26:33.5		48.826N	14.174E				0					2.2ML		NEIC	
2003/07/08	07:26:32.2	+ - 1.83	47.760N	14.302E	31.1	16.7	76	10G		5	3	334	2.1ML	WET	BGR	L

Eastern Totes Gebirge/A

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
GEC2	e (Pg)	Z	07:26:54.2	0.1	T		128.6	340.0	
	e (Sg)	E	07:27:09.0	-0.1	T				
WET	e Pg	Z	07:27:03.6	-0.3	T		186.3	326.2	ML 2.1
	e (Sg)	E	07:27:25.6	0.0	T				
GRFO	e (Pg)	Z	07:27:25.3	0.2	T		311.7	314.7	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/08	12:45:56.3	+ - 0.94	51.634N	16.229E	25.6	11.1	173	1G		8	5	309	3.0ML		SZGRF	I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pn	Z	12:46:26.7	1.5	T		180.2	242.9	ML 2.7
	e Sg	E	12:46:47.3	-0.4	T				
CLL	e Pn	Z	12:46:29.7	-1.1	T		226.4	262.0	ML 2.8
	e Sg	E	12:47:02.3	1.4	T				
WERD	e Pn	Z	12:46:41.6	1.2	T		304.2	245.8	ML 2.9
	e Sg	N	12:47:21.7	-1.5					
MOX	e Pn	Z	12:46:46.3	1.6	T		340.1	252.9	ML 3.3
	e Sg	N	12:47:33.3	-0.1	T				
GEC2	e Pn	Z	12:46:48.3	1.3	T		358.4	211.1	ML 3.0
	e Sg	N	12:47:34.0	-4.7					
WET	e Sg	N	12:47:37.2	-3.3			364.7	221.9	ML 3.0
GRA1	e Sg	N	12:47:53.5	-1.0			413.6	240.5	ML 3.4

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/09	02:28: 6.0	+ - 0.30	50.555N	12.225E	3.3	3.3	114	10G		14	7	109	1.4ML		SZGRF	I

Plauen

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
WERD	e Pg	Z	02:28:08.2	-0.7	T		13.2	154.0	ML 0.9
	e Sg	N	02:28:10.5	-0.2	T				
MOX	e Pg	Z	02:28:13.3	-0.4	T		44.2	283.3	ML 1.0
	e Sg	E	02:28:18.3	-0.7	T				
CLL	e Pg	Z	02:28:22.9	-0.2	T		99.9	32.8	ML 1.5
	e Sg	E	02:28:34.7	0.0	T				
GRA1	e Pg	Z	02:28:26.1	-0.3	T		119.7	217.1	ML 1.6
	e Sg	N	02:28:40.8	0.5	T				
BRG	e Pg	Z	02:28:26.9	-0.5	T		126.0	73.0	ML 1.5
	e Sg	E	02:28:41.5	-0.6	T				
WET	e Pg	Z	02:28:33.1	-0.7	T		163.7	163.1	ML 1.6
	e Sg	N	02:28:52.7	-0.2	T				
GEC2	e Pg	Z	02:28:41.9	-1.1	T		217.8	150.2	ML 1.6
	e Sg	N	02:29:07.5	-0.8	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/09	19:18:56.5		49.140N	6.800E				1					2.1ML		NEIC	
2003/07/09	19:18:56.7	+ - 0.11	49.138N	6.852E	2.4	1.9	95	1G		22	9	72	2.6ML		LDG	I?
2003/07/09	19:18:57.5	+ - 0.52	49.129N	6.917E	8.9	4.4	44	1G		6	3	187	1.8ML		SZGRF	I
2003/07/09	19:18:57.6	+ - 0.51	49.156N	6.879E	8.9	4.4	44	1G		6	3	187	1.7ML	BFO	BGR	I

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg Z	19:19:10.0	-0.7	T		77.2	317.4	ML 1.6
	e Sg E	19:19:20.3	0.7	T				
BFO	e Pg Z	19:19:21.1	-0.3	T		140.5	130.3	ML 1.7
	e Sg N	19:19:38.2	0.5	T				
TNS	e Pg Z	19:19:24.9	-0.5	T		163.7	43.0	ML 2.0
	e Sg E	19:19:44.3	-0.1	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/10	21:58:54.4		47.060N	6.320E				10					2.3ML		NEIC	
2003/07/10	21:58:54.1		47.100N	6.300E				4					1.9ML		SED	

SE of Besancon/F

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e (Sg) E	21:59:53.7	1.2			204.3	47.2	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/10	21:59:04.0		47.080N	6.280E				5					2.3ML		NEIC	
2003/07/10	21:59:04.0	+ - 0.06	47.045N	6.326E	1.3	0.9	113	5G		29	16	115	2.6ML		LDG	I

SE of Besancon/F

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/12	20:41:50.5	+ - 0.09	49.141N	6.894E	2.4	1.6	111	1G		32	14	56	2.9ML		LDG	I?
2003/07/12	20:41:50.9	+ - 0.44	49.151N	6.876E	7.8	4.4	46	1G		10	5	187	2.1ML	TNS	BGR	I
2003/07/12	20:41:50.3	+ - 0.50	49.140N	6.890E	6.0	2.0	37	1G		16	6	242	1.9ML		LER	I

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
DUP	i Pg -	20:41:55.5	-0.0	T		31.1	346.0	ML 1.9
	e Sg	20:41:59.3	0.2	T				
PEB	e Pg	20:42:00.8	0.2	T		60.7	97.4	ML 2.0
	e S*	20:42:08.5		T				
	e Sg	20:42:07.9	0.3	T				
RIVT	e P*	20:42:01.4		T		63.8	351.9	ML 1.5
	e Pg -	20:42:01.0	-0.1	T				
	e Sg	20:42:08.9	0.4	T				
WLF	e Pg Z	20:42:03.8	0.1		14.4	79.1	317.8	ML 1.7
	e Sg E	20:42:13.7	0.8					

IMS	e	Pg		20:42:05.7	0.3	T		88.9	55.0	ML	1.7
	e	PmP		20:42:07.1	-1.3	T					
	e	Sg		20:42:16.3	0.6	T					
	e	SmS		20:42:19.4	-1.4	T					
FSH	e	Pn		20:42:09.0	-1.1	T		105.3	8.5	ML	2.3
	e	Sg		20:42:21.1	0.7	T					
BLI	e	Pg		20:42:12.2	0.0	T		129.0	340.6	ML	2.0
	e	Sg		20:42:27.0	-0.1	T					
BFO	e	Pn	Z	20:42:13.8	-0.3			138.8	129.9	ML	1.7
	e	Pg	Z	20:42:14.9	1.1		10.3				
	e	Sg	E	20:42:31.7	1.8						
TNS	e	Pn	Z	20:42:17.0	-0.3			164.4	42.4	ML	2.1
	e	Pg	Z	20:42:18.7	0.5		4.4				
	e	Sg	E	20:42:38.1	0.8						
STU	e	Pg	Z	20:42:20.6	1.0		1.7	173.1	102.8		
GEC2	e	Pn	Z	20:42:59.6	1.6			497.9	91.2		

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/14	03:24:34.6		47.607N	13.513E				5					3.0ML		NEIC	
2003/07/14	03:24:37.7	+ - 0.34	47.962N	13.516E	7.2	6.0	24	10G		20	13	293	2.6ML		LDG	L
2003/07/14	03:24:38.3	+ - 0.63	47.677N	13.694E	8.9	4.4	133	10G		23	10	279	2.8ML	GEC2	BGR	L
2003/07/14	03:24:36.9	+ - 0.33	47.615N	13.704E	6.7	4.4	77	10G		12	10	98	2.4ML		SZGRF	L

E Salzkammergut/A, Totes Gebirge

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag		
MOA	e	Pg	Z	03:24:44.2	-1.3	T	49.5	58.0	ML 2.0		
KBA	e	Pg	Z	03:24:46.3	-1.9	T	65.5	204.5	ML 2.4		
GEC2	e	Pn	Z	03:24:58.5	-1.0		83.4	136.8	359.9	ML 2.8	
	e	Pg	Z	03:24:59.5	-0.7	T					
	e	Sn	N	03:25:16.6	1.1	T					
	e	Sg	N	03:25:16.5	0.4						
ARSA	e	Pg	Z	03:25:01.0	-0.1	T	142.7	105.8	ML 2.2		
WTTA	e	Pg	Z	03:25:02.8	-1.4	T	160.3	256.7			
SCE	i	Pg	-	03:25:04.0	-0.7		163.4	247.6	ML 2.6		
	e	Sg		03:25:25.3	1.6						
WET	e	Pn	Z	03:25:05.7	0.9		49.7	180.6	340.6	ML 2.8	
	e	Pg	Z	03:25:05.4	-2.2	T					
	e	Sg	N	03:25:28.5	-0.1	T					
FUR	e	Pn	Z	03:25:07.6	1.5		2.4	191.1	289.5	ML 2.9	
	e	Pg	Z	03:25:08.8	-0.5		2.4				
	e	Sg	N	03:25:30.6	-1.0						
OGA	i	Pn	-	03:25:11.6	2.1		218.6	248.7			
DAVA	e	Pg	Z	03:25:24.2	-1.9	T	289.8	264.2			
GRFO	e	Pg	Z	03:25:26.3	-0.5		4.6	294.2	322.6	ML 2.7	
	e	Sg	E	03:26:00.8	-0.3						
GRA1	e	Pg	Z	03:25:26.2	-0.6	T	294.2	322.6			
TANN	e	Pg	Z	03:25:29.0	-2.9	T	324.2	344.2			
BRG	e	Pg		03:25:35.1	-3.3		362.7	2.6	ML 3.2		
	i	Sn		03:26:06.7	3.5						
	e	Sg	E	03:26:20.0	-0.6						
MOX	e	Pn	Z	03:25:27.9	0.0		4.7	369.5	336.5	ML 3.1	
	e	Sn		03:26:06.2	1.5						
	e	Sg		03:26:20.8	-1.7						
BFO	e	Pn	Z	03:25:32.7	0.2		4.0	407.8	283.2		
	e	Pg	Z	03:25:48.3	2.3		1.7				

	e	Sn	E	03:26:15.2	2.5												
	e	Sg	N	03:26:34.3	0.9												
CLL	e	Pn	Z	03:25:35.2	1.9	2.3	413.7	353.2	ML	3.3							
	e	Sn		03:26:16.0	2.0												
	e	Sg	E	03:26:34.2	-0.9												
TNS	e	Pn	Z	03:25:42.5	1.0	4.7	481.0	309.0									
	e	Sn	E	03:26:31.0	2.8												
CLZ	e	Sg	N	03:27:06.8	-0.8		527.3	334.3									

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/14	06:50:33.0		48.340N	6.650E				5					2.2ML		NEIC	
2003/07/14	06:50:31.8	+ - 1.29	48.299N	6.606E	15.6	5.6	39	5G		5	3	260	1.5ML	BFO	BGR	L

Epinal-N/F, Rambervillers

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag	
BFO	e	Pg	Z	06:50:53.6	0.2	T	3.2	127.5	87.8	ML 1.5
	e	Sg	E	06:51:08.3	0.1	T				
WLF	e	Pg	Z	06:50:58.0	-0.1	T	0.9	155.4	347.9	ML 1.7
	e	Sg	E	06:51:16.3	0.1	T				
TNS	e	Sg	N	06:51:43.9	0.1	T		252.2	31.3	ML 2.1

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/15	14:55:34.1		48.330N	6.690E				5					2.0ML		NEIC	

St. Die/F, NW Vosges Mountains

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag	
BFO	e	Pg	Z	14:55:54.8	0.2		1.3	121.2	89.4	ML 1.4
	e	Sg	N	14:56:09.1	0.4					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/16	14:03:47.4	+ - 0.68	51.583N	16.204E	7.8	6.7	79	1G		14	7	269	3.2ML		SZGRF	I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag	
BRG	e	Pn	Z	14:04:16.5	0.7	T		176.1	244.3	ML 3.0
	e	Sg	N	14:04:37.0	-0.7	T				
RUE	e	Pn	Z	14:04:17.9	-0.0	T	193.3	301.9		
	e	Sg	N	14:04:43.9	1.3	T				ML 3.0
CLL	e	Pn	Z	14:04:21.2	-0.5	T	223.9	263.4		ML 3.0
	e	Sg	E	14:04:50.5	-0.9	T				
MOX	e	Pn	Z	14:04:37.3	1.9	T	336.8	253.8		ML 3.5
	e	Sg	N	14:05:23.9	0.3	T				
GEC2	e	Pn	Z	14:04:38.6	1.3	T	352.6	211.3		ML 3.1
	e	Sg	N	14:05:29.8	1.6	T				
CLZ	e	Pn	Z	14:04:44.8	1.4	T	402.7	276.4		ML 3.1
	e	Sg	N	14:05:43.9	1.4	T				
GRA1	e	Pn	Z	14:04:44.5	0.3	T	409.3	241.0		ML 3.7
	e	Sg	E	14:05:44.3	-0.0	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/16	18:19:17.7		48.330N	6.680E				5					2.3ML		NEIC	
2003/07/16	18:19:19.7	+ - 1.11	48.397N	6.757E	14.5	5.6	40	10G		5	3	249	1.9ML		SZGRF	L
2003/07/16	18:19:18.3	+ - 1.16	48.374N	6.756E	14.5	5.6	39	10G		6	3	251	1.7ML	BFO	BGR	L

St. Die/F, NW Vosges Mountains

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg Z	18:19:38.8	0.7	T	4.1	116.4	91.8	ML 1.7
	e Sg E	18:19:51.1	-0.5	T				
WLF	e Pg Z	18:19:44.0	0.2	T	1.3	150.1	343.2	ML 1.8
	e Sg E	18:20:00.8	-0.4	T				
TNS	e Pg Z	18:19:58.6	-0.3	T	1.4	239.3	30.2	ML 2.1
	e Sg E	18:20:27.2	0.5	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/17	02:07:10.4		49.170N	6.780E				1					2.5ML		NEIC	
2003/07/17	02:07:10.2	+ - 0.12	49.145N	6.789E	2.4	2.3	121	1G		29	13	69	3.0ML		LDG	I?
2003/07/17	02:07:10.8	+ - 0.47	49.160N	6.850E	6.7	3.3	43	1G		12	8	188	2.4ML	TNS	BGR	I
2003/07/17	02:07:11.2	+ - 0.51	49.156N	6.855E	6.7	3.3	35	1G		9	5	188	2.4ML		SZGRF	I
2003/07/17	02:07:09.8	+ - 0.40	49.130N	6.870E	5.0	2.0	37	1G		19	8	244	2.3ML		LER	I

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
DUP	i Pg -	02:07:15.3	0.1	T		31.9	349.1	ML 2.3
	e Sg	02:07:19.3	0.4	T				
PEB	e Pg -	02:07:20.5	0.2	T		62.0	96.2	ML 2.3
	i Sg	02:07:27.8	0.3	T				
RIVT	e Pg -	02:07:20.8	-0.0	T		64.7	353.3	ML 1.8
	e Sg	02:07:28.2	-0.1	T				
WLF	e Pg Z	02:07:23.6	0.4			78.9	319.1	ML 2.2
	e Sg N	02:07:33.0	0.7					
IMS	e Pg	02:07:25.5	0.3	T		90.7	55.0	ML 2.0
	e PmP	02:07:26.7	-1.4	T				
	e Sg	02:07:36.3	0.6	T				
	e SmS	02:07:39.5	-1.3	T				
FSH	e Pn	02:07:28.5	-1.3	T		106.6	9.2	ML 2.6
	e Sn	02:07:42.3	-1.4	T				
BLI	e Pn	02:07:31.8	-0.7	T		129.5	341.4	ML 2.3
	e Pg	02:07:31.2	-0.5	T				
	e Sn	02:07:47.3	-1.3	T				
	e Sg	02:07:46.6	-0.2	T				
BFO	e Pg Z	02:07:34.3	0.9			139.2	129.2	ML 2.1
	e Sg E	02:07:51.6	2.0					
FACH	e Pg	02:07:36.4	-0.3	T		158.5	30.2	ML 2.6
	e Sg	02:07:54.8	-0.3	T				
TNS	e Pn Z	02:07:36.1	-0.9			166.2	42.5	ML 2.4
	e Pg Z	02:07:37.0	-1.0					
	e Sg N	02:07:58.4	1.1					
STU	e Sg E	02:08:01.4	1.8			174.3	102.4	ML 2.4
BIW	e Pg	02:07:43.4	1.2			191.0	20.9	ML 2.3
	e Sg	02:08:03.1	-1.3	T				
BUG	e Sg N	02:08:23.1	-0.6			258.5	6.1	

GRFO	e	Sg	E	02:08:43.3	1.8	320.8	77.1		
GRA1	e	Pg	Z	02:08:03.7	-0.5	320.9	77.1	ML	2.8
	e	Sg	E	02:08:43.6	2.1				
WET	e	Pn	Z	02:08:11.7	1.7	437.0	87.5		
GEC2	e	Pn	Z	02:08:19.0	1.4	499.3	91.1		

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/17	02:27:17.8	+-	0.22	46.703N	9.891E	4.4	4.4	43	10G		38	22	185	3.7ML		SZGRF	I

SWITZERLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
VDL	e Pg	Z 02:27:24.2	-0.8	T		41.5	234.3	
LLS	e Pg	Z 02:27:28.5	-1.2	T		69.1	283.8	
	e Sg	Z 02:27:36.3	-1.5	T				
WILA	e Pg	Z 02:27:35.7	-0.6	T		108.7	317.1	
ZUR	e Pg	Z 02:27:38.2	-0.7	T		123.8	307.2	
	e Sg	Z 02:27:57.0	3.8	T				
SLE	e Pg	Z 02:27:43.5	-1.2	T		158.5	318.8	
	e Sg	Z 02:28:04.2	1.0	T				
FUR	e Pn	Z 02:27:49.0	1.8	T		192.8	32.2	ML 3.6
	e Sg	N 02:28:14.2	1.2	T				
BFO	e Pn	Z 02:27:50.4	0.4	T		215.6	327.6	ML 3.2
	e Sn	E 02:28:13.1	0.1	T				
GRA1	e Pn	E 02:28:05.5	-0.5	T		346.7	16.0	
	e Sg	N 02:28:56.8	-0.1	T				ML 4.0
WET	e Pn	Z 02:28:07.7	1.2	T		350.9	38.3	ML 3.6
	e Sn	N 02:28:45.5	3.9	T				
GEC2	e Pn	Z 02:28:10.9	1.9	T		371.2	48.7	ML 3.8
	e Sn	N 02:28:51.0	5.1	T				
TNS	e Pn	Z 02:28:14.2	1.1	T		405.5	345.3	ML 3.7
	e Sg	N 02:29:14.7	1.0	T				
WLF	e Pn	Z 02:28:18.2	2.1	T		430.3	321.3	
MOX	e Pn	Z 02:28:18.3	-1.0	T		456.2	15.5	ML 3.8
	e Sg	E 02:29:33.6	5.4	T				
BRG	e Sg	E 02:29:59.4	4.3	T		550.4	31.1	
CLZ	e Pn	Z 02:28:33.8	0.3	T		572.4	3.3	
	e Sg	E 02:30:02.6	1.3	T				

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/17	10:54:09.6			48.930N	7.810E				5					2.3ML		NEIC	
2003/07/17	10:54:09.8	+-	0.10	48.925N	7.830E	2.4	1.8	126	6G		39	14	66	2.7ML		LDG	I?
2003/07/17	10:54:10.9	+-	0.80	48.980N	7.860E	7.0	5.0	339	3G		16	8	298	2.1ML		LER	I
2003/07/17	10:54:11.2	+-	0.39	48.958N	7.861E	4.4	3.3	42	10G		9	5	149	2.1ML		SZGRF	L
2003/07/17	10:54:10.6	+-	0.39	48.970N	7.822E	5.6	3.3	48	10G		8	4	151	2.0ML	WLF	BGR	L
2003/07/17	10:54:10.0	+-	0.40	48.930N	7.860E	7.0	4.0	53	5G		33	18	112	2.1ML		LED	I

N of Haguenau/F, Rhine Graben

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
LANF	i Pg +	10:54:11.5	0.1	T		6.9	324.6	
PEB	i Pg +	10:54:13.3	0.0			18.4	325.5	ML 2.2
	i Sg	10:54:15.8	0.3					
KTD	Pg	10:54:18.1	0.2	T		46.3	20.5	

WLS	e	Pg		10:54:21.8	0.1	T	68.5	213.1	
IMS	e	Pg		10:54:22.4	-0.1		73.9	2.3	ML 1.5
	e	Sg		10:54:30.9	-0.3				
LBG	e	Pg +		10:54:22.9	0.3	T	74.6	113.0	ML 2.5
	e	PmP		10:54:23.7	-2.0	T			
	e	Sg		10:54:31.9	0.5	T			
BFO		Pg		10:54:23.0	0.2	T	75.1	152.5	ML 2.0
	e	PmP		10:54:23.8	-2.0	T			
		Sg		10:54:32.1	0.6	T			
SWS	e	Pg -		10:54:24.6	-0.1	T	86.8	44.4	ML 2.3
		Sg		10:54:35.2	0.4	T			
DUP	e	Pg		10:54:26.0	-0.1		94.6	304.8	ML 2.1
	e	Sg		10:54:37.0	-0.1				
ECH	e	Pg		10:54:26.3	0.3	T	94.7	213.3	
STU	e	Pg	Z	10:54:27.7	0.8		1.9	99.1	99.8
	e	Sg	E	10:54:40.1	1.7				ML 2.5
TUBL		Pg		10:54:26.9	-0.2	T	100.5	116.3	ML 1.9
		Sg		10:54:40.2	1.5	T			
TOD		Pg		10:54:26.9	-0.3	T	101.7	42.0	
RUP	e	Pg		10:54:28.1	0.5	T	103.6	326.2	
ABH	e	Pg		10:54:28.3	-0.1	T	108.2	348.1	
KIZ	e	Pn		10:54:28.7	-1.0	T	108.4	177.7	ML 2.1
	e	PmP		10:54:30.0	-0.6	T			
	e	Sn		10:54:40.9	-2.5	T			
RIVT	e	Pn		10:54:31.0	0.2		117.4	317.9	ML 2.0
	e	Pg		10:54:29.6	-0.3				
	e	Sn		10:54:44.5	-0.9				
	e	Sg		10:54:43.1	-0.4				
FELD		Pn		10:54:30.2	-0.7	T	117.6	174.8	
BUCH	e	Pn +		10:54:31.1	-0.2	T	121.9	115.4	ML 2.0
		Sn		10:54:44.8	-1.6	T			
		Sg		10:54:46.3	1.4	T			
MOF		Pn		10:54:32.3	-0.1	T	131.4	204.4	
GUT	e	Pn		10:54:32.0	-0.7	T	133.0	135.5	ML 2.0
	e	Pg		10:54:32.9	0.4	T			
		Sn		10:54:47.2	-1.5	T			
	e	Sg		10:54:48.7	0.7	T			
SIND	e	Pn		10:54:32.4	-0.6	T	135.3	69.2	ML 2.3
		Sn		10:54:46.7	-2.4				
FSH	e	Pg		10:54:33.5	0.0		138.5	337.2	ML 2.5
	e	Sn		10:54:49.4	-0.4				
WLF	e	Pg	Z	10:54:34.9	-0.3		1.4	148.3	304.1
	e	Sg	N	10:54:51.9	-0.5				ML 2.0
TNS		Pn		10:54:33.5	-1.2	T	149.8	16.2	ML 2.0
	e	Pg		10:54:35.6	0.2	T			
		Sn		10:54:50.8	-1.4	T			
	e	Sg	E	10:54:53.4	0.5				
THEF	e	Pn		10:54:34.5	-1.3		157.9	241.1	
		Sn		10:54:52.6	-1.4				
FACH	e	Sg		10:54:54.4	-1.0		158.9	3.4	ML 2.3
SISB		Sg		10:54:56.5	0.5		160.6	149.0	ML 2.2
HDH		Pn		10:54:35.5	-2.4		176.3	101.7	ML 2.1
		Sg		10:55:00.8	0.4				
BLI	e	Sn		10:54:58.6	-0.9		183.9	322.5	ML 2.2
	e	Sg		10:55:02.2	-0.3				
BIW		Sg		10:55:07.3	0.1		200.2	359.5	ML 1.9
UBR		Pn		10:54:47.1	4.2		216.6	129.0	ML 2.1
GRA1	e	Sg	E	10:55:24.1	0.4		258.0	69.6	ML 2.4

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/17	21:51:42.8		48.360N	6.660E				10					2.2ML		NEIC	
2003/07/17	21:51:43.6	+ - 1.21	48.355N	6.700E	14.5	5.6	39	10G		5	3	254	1.3ML	BFO	BGR	L
2003/07/17	21:51:45.3	+ - 1.11	48.390N	6.763E	14.5	5.6	39	10G		5	3	250	1.7ML		SZGRF	L

St. Die/F, NW Vosges Mountains

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z 21:52:03.6	-1.4	T		115.9	92.7	ML 1.3
	e Sg	N 21:52:19.1	0.5	T				
WLF	e Pg	Z 21:52:09.4	-1.1	T		148.5	342.8	ML 1.6
	e Sg	E 21:52:28.0	0.2	T				
TNS	e Sg	N 21:52:53.0	-0.2	T		237.5	30.3	ML 2.1

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/17	22:25:54.3	+ - 0.85	49.947N	18.484E	14.5	11.1	27	1G		10	7	318	3.1ML		SZGRF	I

CZECH REPUBLIC

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg	Z 22:26:50.0	-1.5	T		337.8	289.5	ML 2.7
	e Sg	N 22:27:30.2	-0.6	T				
GEC2	e Pn	Z 22:26:48.3	2.3	T		367.0	252.3	ML 3.0
	e Sg	N 22:27:39.5	0.3	T				
WET	e Pn	Z 22:26:51.6	-0.1	T		414.1	259.7	
CLL	e Pn	Z 22:26:53.1	1.2	T		415.0	293.5	ML 3.1
	e Sg	N 22:27:53.9	1.0	T				
TANN	e Pn	Z 22:26:53.7	-0.2	T		431.9	279.2	
MOX	e Pn	Z 22:27:02.2	0.8	T		493.8	281.7	
GRA1	e Pn	Z 22:27:06.6	1.8	T		521.5	269.7	ML 3.5

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/18	11:01:42.0		47.280N	10.213E				5					4.0ML		NEIC	
2003/07/18	11:01:36.4	+ - 0.80	46.730N	9.910E	10.0	6.0	321	10G		55	26	279	4.0ML		LED	L
2003/07/18	11:01:35.6		46.700N	9.800E				6					3.9ML		SED	

Switzerland

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
OGA	i Pg +	11:01:51.1	-0.7			95.1	78.2	
UBR	e Pg +	11:01:55.2	0.6			111.5	11.9	ML 4.4
	e PmP	11:01:57.5	0.9					
	e Sg	11:02:13.0	5.5					
SISB	e Pg	11:01:58.1	1.1			126.6	330.4	ML 4.4
	e Sg	11:02:14.7	2.9					
SCE	i Pg +	11:01:59.8	-1.2			150.0	74.8	ML 3.3
	e Sg	11:02:18.3	-0.2					
GUT	e Pn -	11:02:02.6	1.0			160.9	341.6	ML 4.3
	e Pg -	11:02:04.1	1.2					
	e Sn	11:02:21.1	1.1					
	e Sg	11:02:23.5	1.9					

SPAK	e	Pn -	11:02:04.5	1.4	173.6	334.3	
	e	Pg	11:02:06.3	1.2			
	e	Sn	11:02:23.6	0.9			
FELD	e	Pn -	11:02:06.7	1.7	188.3	314.7	
	e	Pg	11:02:08.8	1.3			
	e	Sn	11:02:27.8	2.0			
	e	Sg	11:02:31.0	1.6			
BBS	e	Pn -	11:02:07.7	2.2	193.1	296.9	
		Sn	11:02:33.0	6.2			
FUR	i	Pn +	11:02:07.6	1.6	196.9	33.8	ML 4.2
BUCH	e	Pn -	11:02:07.0	1.0	197.4	350.4	ML 4.0
	e	Sn	11:02:32.7	5.0			
KIZ	e	Pn -	11:02:07.7	1.5	199.0	315.3	ML 4.3
	e	Pg	11:02:10.3	0.9			
		Sn	11:02:29.4	1.3			
	e	Sg	11:02:33.5	1.1			
FBB		Pn	11:02:08.8	1.7	206.0	315.3	
		Sn	11:02:31.4	1.9			
TUBL	e	Pn -	11:02:08.5	1.0	209.7	345.4	ML 3.7
	e	Sn	11:02:30.8	0.5			
HDH	e	Pn +	11:02:08.3	0.5	211.7	8.1	ML 4.2
	e	Sn	11:02:32.0	1.3			
	e	Sg	11:02:36.3	0.2			
BFO	e	Pn -	11:02:09.2	1.4	212.2	329.2	ML 3.8
	e	Sn	11:02:31.6	0.7			
LIBD		Pn	11:02:12.0	1.9	230.9	315.1	
		Sn	11:02:31.6	-3.2			
LBG	e	Pn -	11:02:11.2	1.0	231.0	341.4	ML 3.9
	i	Pg	11:02:16.4	1.6			
	e	Sn	11:02:35.5	0.7			
	e	Sg	11:02:41.8	0.2			
LOMF	e	Pn -	11:02:13.5	2.7	236.6	288.9	
		Sn	11:02:45.6	9.6			
MOF	e	Pn -	11:02:13.2	2.2	238.5	303.4	
		Sn	11:02:38.9	2.5			
ECH	e	Pn -	11:02:15.6	1.9	260.5	311.3	
		Sn	11:02:41.7	0.7			
WLS	e	Pn -	11:02:16.2	1.9	264.5	317.0	
		Sn	11:02:43.6	1.7			
LANF	e	Pn -	11:02:19.6	1.8	294.0	330.3	
		Sn	11:02:49.3	1.2			
SIND	e	Pn -	11:02:18.1	0.1	294.9	357.3	ML 4.0
		Pg	11:02:26.5	0.9			
	e	Sn	11:02:49.8	1.5			
KTD		Pn	11:02:22.2	1.5	318.1	337.0	
		Sn	11:03:10.6	17.4			
SWS	e	Pn	11:02:21.9	0.9	320.2	345.6	ML 3.8
	e	Sn	11:02:56.2	2.5			
TOD	e	Pn	11:02:23.3	1.0	331.4	347.5	
	e	Sn	11:02:58.9	2.8			
THEF	e	Pn -	11:02:25.1	2.6	332.7	302.1	
		Sn	11:03:00.1	3.8			
WET	i	Pn +	11:02:26.4	1.1	355.5	39.0	ML 3.9
RUP	e	Pn -	11:02:32.5	2.9	390.6	329.7	
ABH	e	Pn -	11:02:31.7	2.0	391.0	335.6	
TNS	e	Pn	11:02:32.4	1.2	404.1	346.2	ML 3.6
		Sn	11:03:15.4	4.0			
MOX	e	Pn	11:02:37.0	-0.9	458.4	16.2	

	e	Pg	11:02:52.8	-0.5														
	e	Sn	11:03:25.0	2.1														
	e	Sg	11:03:47.4	0.8														
BRG	e	Pn	11:02:50.2	0.6					554.3	31.6			ML	3.6				
	i	Pg	11:03:08.1	-1.4														
	i	Sn	11:03:45.4	2.2														
	i	Sg	11:04:12.4	-1.6														
CLL	i	Pn	11:02:57.1	6.5					562.9	23.3								
	i	Pg	11:03:13.0	2.0														
	e	Sg	11:04:22.0	5.6														

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/19	19:21:54.0	+ - 0.79	51.381N	16.143E	7.8	7.8	158	1G		15	9	303	3.3ML		SZGRF	I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e	Pg	Z 19:22:22.2	0.5	T		163.6	250.7	ML 3.3
	e	Sg	N 19:22:42.2	1.5	T				
CLL	e	Pn	Z 19:22:27.0	-0.6	T		218.2	269.1	ML 3.3
	e	Sg	N 19:22:55.4	-1.0	T				
TANN	e	Pn	Z 19:22:36.1	1.1	T		279.6	248.8	ML 3.4
	e	Sg	E 19:23:13.9	0.0	T				
WERD	e	Sg	N 19:23:16.3	0.0	T		288.2	250.4	
MOX	e	Pn	Z 19:22:41.4	0.6	T		327.1	257.3	
	e	Sg	N 19:23:27.6	0.1	T				
GEC2	e	Sg	E 19:23:28.8	0.1	T		331.3	212.6	
WET	e	Pn	Z 19:22:43.9	1.5	T		340.1	224.3	
GRA1	e	Pn	Z 19:22:50.8	1.7	T		395.1	243.5	
	e	Sg	E 19:23:47.8	1.0	T				
GRFO	e	Sg	E 19:23:47.3	0.4	T		395.3	243.5	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/20	05:19:44.0		48.900N	10.360E				5					2.4ML		NEIC	
2003/07/20	05:19:46.4	+ - 0.42	49.037N	10.136E	13.8	5.8	142	2	+ - 0.0	7	4	334	2.4ML		LDG	L
2003/07/20	05:19:44.0	+ - 0.50	48.900N	10.360E	6.0	2.0	73	5	+ - 2.0	21	8	235	1.8ML		LED	L
2003/07/20	05:19:44.5	+ - 0.39	48.933N	10.360E	5.6	4.4	157	10G		8	5	105	1.8ML		SZGRF	L
2003/07/20	05:19:42.7	+ - 0.27	48.950N	10.421E	5.6	4.4	160	10G		16	10	102	1.7ML	BFO	BGR	L

Noerdlingen/Ries

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
HDH	i	Pg -	05:19:50.4	0.1			43.6	201.2	ML 1.4
		S*	05:19:56.8						
	i	Sg	05:19:55.2	-0.3					
SIND	e	Pg +	05:19:56.6	1.3			74.0	307.1	ML 1.7
		PmP	05:19:58.7	0.9					
	i	Sg	05:20:05.3	1.3					
		SmS	05:20:07.9	-0.3					
STU	e	Pg	Z 05:19:58.3	-0.1	T	3.1	92.0	258.0	ML 2.1
	e	Sg	N 05:20:08.5	-0.6	T	6.8			
BUCH	e	Pg	05:19:59.5	0.4			96.1	235.0	ML 1.8
	e	Sg	05:20:10.0	-0.3					
	e	SmS	05:20:12.6	-1.0					

GRFO	e	Pg	Z	05:20:02.0	2.2	T	1.8	100.7	34.8								
GRA1	e	Pg	Z	05:20:01.8	1.9			100.9	34.8	ML	1.6						
	e	Sg	N	05:20:14.4	2.8												
FUR	e	Sg	E	05:20:14.4	0.9	T	4.7	107.8	144.0	ML	2.0						
LBG	i	Pn	+	05:20:03.9	0.3			123.3	255.7	ML	1.8						
	i	Pg		05:20:04.1	0.4												
	i	PmP		05:20:04.3	-0.9												
	e	Sn		05:20:17.6	-0.8												
GUT	e	Pn		05:20:04.7	-0.5			137.1	225.0	ML	2.2						
	e	Pg		05:20:05.9	-0.1												
	e	Sn		05:20:21.9	0.6												
	e	Sg		05:20:22.8	0.9												
SWS	e	Pg		05:20:06.4	0.3			138.3	296.1	ML	2.0						
	e	Sg		05:20:23.0	0.7												
UBR	e	Pn		05:20:05.8	-0.1			143.0	189.4	ML	1.6						
	e	Pg		05:20:07.4	0.4												
	e	Sg		05:20:24.2	0.6												
BFO	e	Pg	Z	05:20:10.7	-0.6	T	2.2	168.4	246.6	ML	1.7						
	e	Sg	E	05:20:30.1	-0.7	T	5.8										
WET	e	Pg	Z	05:20:13.5	0.2	T	2.6	180.4	82.2	ML	1.5						
	e	Sg	N	05:20:34.3	0.0	T	6.7										
TNS	e	Sg	N	05:20:40.5	0.5	T	2.2	200.6	315.6	ML	1.7						
MOX	e	Sg	N	05:20:42.4	0.6	T	3.1	207.0	24.0	ML	1.5						
UBBA	e	Sn	N	05:20:38.2	1.6			210.0	351.9								
	e	Sg	N	05:20:42.0	-0.7		1.2										
KIZ	e	Sn		05:20:37.3	-0.5			215.1	240.0	ML	2.0						
	e	Sg		05:20:43.0	-1.2												
GEC2	e	Pn	Z	05:20:18.6	0.8	T	1.2	240.1	91.5								
	e	Pg	Z	05:20:23.3	-0.0	T	2.4										
	e	Sn	N	05:20:44.6	1.6												
	e	Sg	N	05:20:50.1	-1.2		2.9										
CLL	e	Sg	N	05:21:14.0	-0.2		2.6	320.2	34.1								
CLZ	e	Pg	Z	05:20:39.0	1.8	T	1.2	321.5	359.4								
	e	Sn	N	05:21:02.5	2.2	T											
	e	Sg	N	05:21:13.5	-1.0	T	1.7										
BRG	e	Sg	N	05:21:14.9	-2.3	T	0.9	330.6	48.4								

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/20	22:46:01.0	+ - 0.08	48.947N	7.825E	1.6	1.3	135	7G		35	12	69	2.6ML		LDG	I?
2003/07/20	22:46:01.7	+ - 0.60	48.960N	7.870E	5.0	4.0	347	3G		22	8	299	1.9ML		LER	I
2003/07/20	22:46:02.2	+ - 0.41	48.963N	7.856E	5.6	4.4	39	10G		7	5	149	1.9ML		SZGRF	L
2003/07/20	22:46:00.9	+ - 0.38	48.962N	7.891E	4.4	3.3	34	10G		16	9	147	1.8ML	TNS	BGR	L
2003/07/20	22:46:01.2	+ - 0.30	48.930N	7.840E	5.0	4.0	73	5G		31	16	87	2.0ML		LED	I

N of Haguenau/F, Rhine Graben

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
LANF	i Pg +	22:46:02.7	0.1	T		6.2	335.7	
PEB	i Pg -	22:46:04.4	0.1			17.7	329.4	ML 2.1
	i Sg	22:46:06.9	0.5					
KTD	Pg	22:46:08.8	-0.4			46.9	22.1	
	e Sg	22:46:14.8	0.1	T				
WLS	e Pg	22:46:12.8	0.1	T		67.7	212.0	
	e PmP	22:46:14.5	-1.5	T				
IMS	e Pg	22:46:13.6	-0.2			74.0	3.4	ML 1.3
	e Sg	22:46:22.3	-0.1					

BFO	e	Pg		22:46:14.1	0.0	T		75.8	151.5	ML	1.8
		PmP		22:46:14.9	-2.1	T					
	e	Sg	N	22:46:22.7	-0.2		5.1				
LBG	e	Pg	+	22:46:14.0	-0.1	T		75.9	112.6	ML	2.2
	e	PmP		22:46:14.8	-2.3	T					
		Sg		22:46:24.6	1.6	T					
	e	SmS		22:46:25.6	-2.4	T					
SWS		Pg		22:46:15.7	-0.4	T		87.8	45.1	ML	2.2
		Sg		22:46:26.3	0.0	T					
DUP	e	Pg		22:46:17.0	-0.1			93.4	305.3	ML	1.9
	e	PmP		22:46:19.6	0.1						
	e	Sg		22:46:28.1	0.2						
	e	SmS		22:46:31.1	-1.1						
ECH		Pg		22:46:17.5	0.4	T		93.9	212.5		
	e	Sg		22:46:28.7	0.6	T					
	e	SmS		22:46:30.4	-1.9	T					
STU	e	Pg	Z	22:46:17.9	-0.4		1.8	100.6	99.6	ML	2.2
	e	Sg	N	22:46:29.5	-0.5		5.0				
TUBL		Pg		22:46:18.9	0.4	T		101.8	115.9	ML	5.2
		Sg		22:46:31.6	1.3	T					
TOD		Pg		22:46:18.1	-0.5			102.6	42.6		
RUP		Pg		22:46:19.3	0.6	T		102.8	326.9		
ABH	e	Pg		22:46:19.4	-0.1	T		107.9	348.8		
KIZ	e	Pn	-	22:46:19.2	-1.7	T		108.4	176.9	ML	1.9
	e	PmP		22:46:21.0	-0.8	T					
	e	Sn		22:46:32.2	-2.5	T					
		SmS		22:46:33.6	-2.4						
RIVT	e	Pn		22:46:22.1	0.3			116.4	318.4	ML	1.8
	e	Pg		22:46:21.0	0.1						
	e	Sn		22:46:36.1	-0.3						
	e	Sg		22:46:34.3	-0.2						
FELD	e	Pn	-	22:46:21.5	-0.5	T		117.8	174.0		
	e	Sn		22:46:36.1	-0.6	T					
BUCH	e	Pn	+	22:46:22.3	-0.4	T		123.2	115.1	ML	1.9
	e	Sn		22:46:37.0	-0.8	T					
MOF		Pn		22:46:23.5	-0.1			130.8	203.8		
SIND	e	Pn		22:46:23.5	-0.8	T		136.6	69.4	ML	2.1
	e	Sn		22:46:40.2	-0.5	T					
FSH	e	Pg		22:46:24.8	0.2			138.0	337.8	ML	2.3
	e	Sn		22:46:40.6	-0.4						
WLF	e	Pg	Z	22:46:26.1	-0.0		2.3	147.1	304.4	ML	1.8
	e	Sg	N	22:46:42.4	-0.8		10.0				
TNS		Pn		22:46:24.8	-1.2	T		150.2	16.7	ML	1.8
	e	Sg	N	22:46:43.3	-0.8		3.4				
THEF		Pn		22:46:25.6	-1.2	T		156.6	240.8		
		Sn		22:46:45.1	0.2	T					
FACH	e	Pn		22:46:26.3	-0.7			159.0	3.9	ML	2.1
	e	Pg		22:46:27.6	-0.6						
	e	Sn		22:46:43.9	-1.5						
	e	Sg		22:46:46.5	-0.2						
HDH	e	Pn		22:46:31.1	1.8			177.7	101.6	ML	2.0
	e	Sn		22:46:52.0	2.7						
BLI	e	Sn		22:46:49.7	-0.8			183.0	322.9	ML	1.9
	e	Sg		22:46:54.0	0.5						
BIW	e	Pg		22:46:34.2	-0.9			200.2	359.9	ML	1.7
	e	Sg		22:46:58.5	0.1						
GRFO	e	Sg	N	22:47:13.2	-2.1		4.1	259.2	69.7		
GRA1	e	Pg	Z	22:46:46.6	1.4			259.4	69.7	ML	2.3

	e	Sg	E	22:47:15.4	0.1												
UBBA	e	Pg	Z	22:46:44.4	-1.0		1.5	260.9	35.6								
	e	Sg	E	22:47:13.6	-2.1		2.5										
MOX	e	Pg	Z	22:46:56.3	-1.1		1.2	331.3	53.4	ML	2.1						
	e	Sn	N	22:47:22.4	0.6		1.5										
	e	Sg	N	22:47:33.4	-2.5		2.6										
WET	e	Sn	N	22:47:29.3	-0.3		2.1	368.0	84.4	ML	2.3						
	e	Sg	N	22:47:44.9	-1.4		3.8										
GEC2	e	Sg	N	22:48:00.7	-3.0		2.8	428.5	89.1								

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/21	13:15:57.4		47.158N	14.324E				5					4.6ML		NEIC	
2003/07/21	13:15:59.6 +-	0.31	47.146N	14.619E	6.7	4.2	43	10G		68	34	243	4.3ML		LDG	L
2003/07/21	13:15:58.0 +-	1.50	47.040N	14.550E	19.0	15.0	84	10G		37	23	328	4.4ML		LED	L
2003/07/21	13:16:02.9 +-	0.50	47.426N	14.316E	8.9	6.7	137	10G		36	14	288	4.2ML	GEC2	BGR	L
2003/07/21	13:15:59.0 +-	0.29	47.162N	14.376E	5.6	4.4	67	10G		28	16	180	4.6ML		SZGRF	L

Seetaler Alps/A

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
MOA	e Pg	Z	13:16:11.0	-1.2	T		76.9	353.9	
KBA	e Pg	Z	13:16:10.6	-1.8	T		78.6	263.6	
	e Sg	Z	13:16:19.8	-1.9	T				
ARSA	e Pg	Z	13:16:12.6	-1.2	T		87.2	83.1	
GEC2	e Pn	Z	13:16:29.8	1.3	T		193.8	345.2	ML 4.3
	e Sg	E	13:16:53.5	-0.9	T				
SCE	i Pn +		13:16:30.6	1.1			202.2	267.1	ML 4.3
	i Sn		13:16:54.1	2.7					
WTTA	e Pn	Z	13:16:31.5	1.3	T		207.2	274.1	
	e Sg	Z	13:17:00.9	2.6	T				
WET	e Pn	Z	13:16:36.1	1.1	T		246.8	333.8	ML 4.4
	e Pg	Z	13:16:40.1	-0.8		15.8			
	e Sg	E	13:17:08.9	-0.7	T				
OGA	i Pn -		13:16:39.7	3.6			256.1	263.9	
FUR	e Pn	Z	13:16:41.1	4.8	T		257.5	296.7	ML 4.8
	e Pg	Z	13:16:44.6	2.0		4.2			
	e Sg	N	13:17:11.5	-1.1	T				
UBR	e Pn		13:16:46.8	2.2			326.2	281.8	ML 4.5
	Sn		13:17:23.6	6.0					
DAVA	e Pn	Z	13:16:48.6	2.3	T		339.7	274.0	
	e Sg	Z	13:17:36.7	0.6	T				
HDH	Pn		13:16:48.8	1.4			348.8	298.5	ML 4.4
	Sn		13:17:26.9	4.5					
	Sg		13:17:36.7	-2.0					
GRFO	e Pn	Z	13:16:51.2	1.8		9.0	365.0	321.5	ML 4.6
	e Pg	Z	13:17:01.2	0.3		3.9			
	e Sg	N	13:17:38.9	-4.4		7.9			
GRA1	e Pn	Z	13:16:51.2	1.8	T		365.0	321.6	ML 4.8
	e Sg	N	13:17:41.4	-1.9	T				
WERD	e Pn	Z	13:16:54.6	1.5	T		395.5	338.3	ML 4.7
	e Sg	E	13:17:52.8	0.8	T				
BUCH	e Pn		13:16:55.4	1.6			401.4	292.7	ML 4.3
	Sn		13:17:37.9	4.4					
GUT	e Pn		13:16:55.9	1.4			406.9	286.3	ML 4.4
	Sn		13:17:37.7	3.1					
	Sg		13:17:53.6	-1.7					

SISB	e	Pn		13:16:56.9	1.9		411.2	280.1	ML	4.4	
		Sn		13:17:39.7	4.2						
BRG	e	Pn	Z	13:16:56.0	0.6	T	413.9	355.8	ML	4.4	
	e	Pg	Z	13:17:07.3	-1.8		3.6				
	i	Sn		13:17:37.4	1.3						
	e	Sg	N	13:17:51.4	-5.9		1.6				
TUBL		Pn		13:16:58.3	1.8		422.9	292.9	ML	4.2	
		Sn		13:17:42.4	4.4						
STU	e	Pn	Z	13:16:58.2	1.5		4.9	425.2	296.8	ML	5.0
	e	Sn	E	13:17:39.3	0.8		1.9				
	e	Sg	E	13:17:57.5	-3.0		4.2				
SIND		Pn		13:16:58.6	1.4		428.6	306.3	ML	4.5	
		Pg		13:17:10.6	-1.0						
		Sn		13:17:41.9	2.6						
MOX	e	Pn	Z	13:16:59.7	1.6	T	436.6	333.5	ML	4.8	
	e	Sn	N	13:17:41.0	0.1		2.7				
	e	Sg	N	13:18:03.5	-0.2	T					
LBG	e	Pn		13:17:01.1	1.6		448.1	293.9	ML	4.6	
		Sn		13:17:46.1	2.8						
		Sg		13:18:06.3	-0.8						
BFO	e	Pn	Z	13:17:03.7	1.5	T	470.2	288.3	ML	4.7	
	e	Sn	N	13:17:50.9	2.9	T					
	e	Sg	N	13:18:12.3	-1.1		4.4				
CLL	e	Pn	Z	13:17:03.5	1.1	T	471.6	348.3	ML	5.0	
	i	Pg		13:17:23.3	4.3						
	i	Sn		13:17:51.5	3.2						
	e	Sg	N	13:18:05.6	-8.2		8.4				
FELD	e	Pn		13:17:05.6	1.6		484.9	281.8			
KIZ	e	Pn		13:17:06.3	1.4		492.4	282.7	ML	4.4	
	e	Sn		13:17:56.0	3.2						
		Sg		13:18:18.0	-1.7						
SWS	e	Pn		13:17:06.5	1.5		492.5	303.7	ML	4.4	
		Sn		13:17:55.3	2.6						
		Sg		13:18:19.3	-0.4						
TOD		Pn		13:17:06.4	1.4		492.9	305.5			
		Sn		13:17:55.9	3.1						
UBBA	e	Pn	Z	13:17:08.1	0.2		8.5	516.7	323.5		
	e	Sg	N	13:18:22.9	-3.8		2.4				
BBS		Pn		13:17:10.4	2.3		518.6	276.2			
LIBD		Pn		13:17:10.6	2.4		518.8	284.7			
		Sn		13:18:01.5	3.2						
KTD		Pn		13:17:11.0	2.2		523.9	299.6			
		Sn		13:18:05.7	6.3						
LANF		Pn		13:17:11.1	1.8		528.2	294.9			
WLS		Pn		13:17:12.6	1.5		542.5	287.4			
		Sn		13:18:05.7	2.4						
MOF		Pn		13:17:13.5	1.6		549.2	280.7			
TNS	e	Pn	Z	13:17:14.6	2.4	T	552.1	310.2	ML	4.6	
	e	Sn	N	13:18:09.6	4.3	T					
	e	Sg	N	13:18:36.3	-0.5		1.2				
ECH		Pn		13:17:12.9	0.6		552.6	284.9			
		Sn		13:18:07.0	1.5						
LOMF		Pn		13:17:15.9	1.5		569.8	274.9			
		Sn		13:18:13.2	4.1						
ABH		Pn		13:17:18.4	2.0		586.5	303.5			
RUE	e	Sg	N	13:18:42.6	-5.7		3.6	592.4	356.1	ML	4.8
RUP		Pn		13:17:21.5	2.3		608.8	300.3			
THEF		Pn		13:17:24.4	1.7		638.1	283.8			

		Sn		13:18:30.0	6.5													
WLF	e	Pn	Z	13:17:26.6	0.3	2.7	667.2	297.7	ML	4.6								
	e	Sn	N	13:18:31.5	1.8	1.3												
	e	Sg	N	13:19:07.1	-2.5	2.0												
BUG	e	Pn	Z	13:17:30.0	-0.3	3.1	700.7	315.4	ML	4.6								
	e	Sn	E	13:18:40.0	3.3	3.9												

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/21	17:42:42.8		47.152N	14.378E				5					2.4ML		NEIC	
2003/07/21	17:42:43.7	+ - 0.38	47.144N	14.330E	10.0	4.4	70	10G		8	6	182	2.2ML		SZGRF	L

Murau/A, Mur Valley

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
KBA	e Pg	Z	17:42:55.7	-0.8	T		74.9	264.8	
ARSA	e Pg	Z	17:42:58.2	-1.0	T		90.9	82.1	
GEC2	e Pn	Z	17:43:15.3	1.9	T		194.8	346.3	ML 2.1
	e Sg	N	17:43:39.4	-0.1	T				
SCE	i Pn	-	17:43:16.2	2.4			198.7	267.6	ML 1.9
	e Sn		17:43:39.1	3.8					
WET	e Sg	N	17:43:54.7	0.3	T		247.1	334.7	ML 2.0
TANN	e Sg	N	17:44:34.2	-0.6	T		388.6	340.1	ML 2.5

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/24	04:25:38.5	+ - 1.28	50.051N	18.290E	11.1	8.9	100	1G		9	6	317	3.3ML		SZGRF	I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg	Z	04:26:30.4	-2.5	T		320.9	288.2	ML 2.9
	e Sg	N	04:27:10.7	0.5	T				
GEC2	e Pg	Z	04:26:36.9	-2.2	T		357.7	249.7	ML 3.4
	e Sg	N	04:27:20.5	-0.2	T				
CLL	e Pg	Z	04:26:42.9	-3.0	T		397.8	292.6	ML 3.5
	e Sg	N	04:27:32.0	-0.1	T				
WET	e Sg	N	04:27:33.9	0.4	T		402.7	257.6	ML 3.5
TANN	e Sg	N	04:27:38.5	1.0	T		416.4	277.8	ML 3.3
WERD	e Pg	Z	04:26:47.1	-3.8	T		427.6	278.2	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/24	05:58:32.9		47.950N	7.850E				5					2.0ML		NEIC	
2003/07/24	05:58:32.5	+ - 0.13	48.917N	7.904E	2.5	1.2	95	5G		18	7	247	2.5ML		LDG	I?

N of Haguenau/F, Rhine Graben

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z	05:58:48.9	4.1			72.3	154.2	
	e Sg	N	05:58:55.3	2.1					
TNS	e Sg	E	05:59:16.5	1.0			150.3	14.9	

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
 2003/07/24 14:38:29.7 +- 0.77 51.605N 16.113E 15.6 6.7 162 1G 12 7 307 3.1ML SZGRF I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pn Z	14:38:58.5	0.9	T		171.6	242.5	ML 3.0
	e Sg N	14:39:19.3	0.7	T				
CLL	e Pn Z	14:39:03.4	0.2	T		218.0	262.5	ML 2.9
	e Sg N	14:39:32.8	0.8	T				
TANN	e Pn Z	14:39:12.6	0.9	T		287.7	244.0	ML 3.3
	e Sg N	14:39:51.4	-0.4	T				
WERD	e Pn Z	14:39:13.5	0.9	T		295.6	245.7	ML 3.0
	e Sg N	14:39:53.5	-0.6	T				
MOX	e Pn Z	14:39:18.0	1.0	T		331.5	253.0	ML 3.4
	e Sg N	14:40:05.2	0.8	T				
GEC2	e Pn Z	14:39:21.2	1.7	T		351.5	210.1	
GRA1	e Sg N	14:40:25.6	0.3	T		405.0	240.2	

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
 2003/07/24 16:04:17.6 +- 0.75 51.617N 16.057E 15.6 6.7 166 1G 13 8 307 3.6ML SZGRF I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pn Z	16:04:45.2	0.1	T		168.8	241.5	ML 3.4
	e Sg N	16:05:06.4	0.6	T				
CLL	e Pn Z	16:04:50.8	0.2	T		214.4	262.0	ML 3.2
	e Sg N	16:05:19.2	0.4	T				
TANN	e Pn Z	16:05:00.3	1.1	T		284.8	243.4	ML 3.5
	e Sg N	16:05:38.4	-0.5	T				
WERD	e Pn Z	16:05:01.2	1.0	T		292.6	245.1	
	e Sg N	16:05:40.7	-0.5	T				
MOX	e Sg N	16:05:53.0	1.6	T		328.2	252.5	ML 3.8
GEC2	e Pn Z	16:05:09.0	1.7	T		350.8	209.4	ML 3.7
WET	e Pn Z	16:05:09.0	1.1	T		355.5	220.6	ML 3.6
GRA1	e Pn Z	16:05:15.0	1.4	T		402.3	239.8	
	e Sg N	16:06:12.4	-0.1	T				ML 4.1

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
 2003/07/25 07:34:39.5 +- 0.70 51.477N 16.038E 12.2 7.8 155 1G 13 9 304 3.6ML SZGRF I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pn Z	07:35:06.0	-0.1	T		160.7	246.1	ML 3.3
CLL	e Pn Z	07:35:12.2	-0.0	T		211.4	266.1	ML 3.3
TANN	e Pn Z	07:35:21.5	1.2	T		277.0	246.2	ML 3.7
	e Sg N	07:35:57.6	-1.1	T				
WERD	e Pn Z	07:35:22.3	1.1	T		285.2	247.8	ML 3.5
	e Sg N	07:36:00.3	-0.7	T				
MOX	e Pn Z	07:35:26.8	1.0	T		322.5	255.1	ML 3.7
	e Sg N	07:36:12.9	1.2	T				
GEC2	e Pn Z	07:35:29.3	1.7	T		336.6	210.5	

	e	Sg	N	07:36:15.2	-0.5	T											
WET	e	Pn	Z	07:35:29.5	1.2	T			342.9	222.1							
GRA1	e	Sg	N	07:36:34.2	2.2	T			393.6	241.6			ML	4.0			
GRFO	e	Pn	Z	07:35:36.3	1.8	T			393.8	241.6							

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/26	05:34:17.9	+-	0.56	51.089N	12.461E	7.8	3.3	127	10G		14	7	207	2.0ML		SZGRF	L
2003/07/26	05:34:17.6	+-	0.25	51.063N	12.445E	3.3	2.2	162	10G		18	9	87	2.1ML	CLZ	BGR	L

Regis-Breitingen, N of Altenburg

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
CLL	e	Pg	Z 05:34:26.0	0.2	T	103.2	47.4	54.8	ML 1.7
	e	Sg	N 05:34:30.6	-0.8	T	7.7			
WERD	e	Pg	Z 05:34:30.5	1.0			69.1	188.1	ML 1.6
	e	Sg	E 05:34:40.0	2.5					
TANN	e	Pg	Z 05:34:31.0	1.1			72.1	179.1	ML 2.0
	e	Sg	E 05:34:40.7	2.3					
MOX	i	Pg	05:34:31.9	1.5			74.5	231.7	
	i	Sg	05:34:42.2	3.1					
BRG	e	Pg	Z 05:34:36.3	0.5	T	4.6	107.0	100.8	ML 2.4
	e	Sg	N 05:34:48.7	0.4	T	14.6			
CLZ	e	Pg	Z 05:34:46.2	0.1	T	3.3	167.7	301.9	ML 2.1
	e	Sg	E 05:35:05.0	-0.6	T	4.0			
UBBA	e	Pn	Z 05:34:46.5	1.8	T		173.4	261.9	
	e	Pg	Z 05:34:47.4	0.4	T	4.9			
	e	Sg	N 05:35:06.2	-1.0	T	3.5			
GRA1	e	Pn	Z 05:34:45.5	0.6			175.4	210.1	ML 2.2
	e	Sg	E 05:35:08.7	0.9					
GRFO	e	Pn	Z 05:34:47.1	2.1	T		175.6	210.1	ML 2.0
	e	Pg	Z 05:34:48.1	0.7	T	3.0			
	e	Sg	N 05:35:07.8	-0.0	T	7.4			
RUE	e	Sg	E 05:35:09.4	-0.3	T	2.7	182.0	29.8	ML 2.2
WET	e	Pn	Z 05:34:50.5	0.8	T		215.6	171.6	ML 2.0
	e	Sg	E 05:35:19.1	-0.2	T	6.2			
GEC2	e	Pn	Z 05:34:57.6	2.1			262.5	159.5	ML 2.1
	e	Pg	Z 05:35:02.1	-0.0	T	2.6			
	e	Sg	E 05:35:31.3	-1.4	T	5.1			
TNS	e	Sg	N 05:35:43.1	0.6	T	2.1	296.9	253.2	
BFO	e	Sg	E 05:36:19.0	0.2		1.7	424.1	225.8	

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/27	04:46:33.3			48.340N	6.650E				5					2.3ML		NEIC	
2003/07/27	04:46:34.9	+-	0.98	48.377N	6.697E	11.1	4.4	34	10G		9	5	252	2.1ML		SZGRF	L
2003/07/27	04:46:35.6	+-	0.75	48.427N	6.810E	11.1	5.6	33	10G		16	8	246	2.3ML	TNS	BGR	L

Baccarat/F, NW Vosges Mountains

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e	Pg	Z 04:46:53.4	-1.4	T	7.4	112.7	94.9	ML 1.4
	e	Sg	N 04:47:06.8	-1.1	T	7.6			
WLF	e	Pg	Z 04:46:59.0	-1.3	T	6.0	145.7	341.0	ML 1.7
	e	Sg	E 04:47:16.6	-0.8	T	3.8			
STU	e	Pn	Z 04:47:03.0	-0.4	T	1.0	179.4	76.8	ML 2.1

	e	Pg	Z	04:47:06.5	0.5	T	2.4										
	e	Sg	E	04:47:26.2	-0.7	T	2.2										
TNS	e	Pn	Z	04:47:11.7	1.9	T	1.0	232.2	30.1	ML	2.3						
	e	Pg	Z	04:47:16.9	2.0	T	1.5										
	e	Sg	N	04:47:42.7	0.7	T	4.5										
GRFO	e	Sg	N	04:48:15.9	0.1	T	1.8	350.6	64.7								
GRA1	e	Sg	E	04:48:18.7	2.9			350.8	64.7	ML	2.7						
UBBA	e	Sg	E	04:48:14.7	-1.3	T	1.7	351.4	39.6								
WET	e	Sn	N	04:48:23.2	2.5	T	2.8	451.5	77.6								
	e	Sg	N	04:48:44.3	-0.3	T	2.6										
GEC2	e	Sn	N	04:48:35.6	3.0	T	2.0	508.3	82.2								
	e	Sg	N	04:49:00.9	0.1	T	2.3										

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/27	15:49:41.9		50.325N	7.212E				5					2.4ML		NEIC	
2003/07/27	15:49:42.7	+ - 0.07	50.384N	7.361E	1.4	1.1	75	8G		24	10	81	2.4ML		LDG	L
2003/07/27	15:49:43.7	+ - 0.92	50.406N	7.349E	16.7	6.7	148	10G		6	4	208	1.6ML		SZGRF	L

Neuwied, N of Koblenz

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
TNS	e Pg	Z	15:49:56.4	-1.1	T		80.6	104.2	ML 1.5
	e Sg	E	15:50:08.0	1.1	T				
WLF	e Sg	E	15:50:17.2	-0.6	T		118.7	226.5	ML 1.7
UBBA	e Sg	E	15:50:38.4	-0.5	T		192.7	75.2	ML 1.7
BFO	e Pg	Z	15:50:25.1	0.4	T		241.5	162.5	
	e Sg	N	15:50:51.7	-1.1	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/27	15:49:43.7	+ - 0.92	50.406N	7.349E	16.7	6.7	148	10G		6	4	185	1.6ML		SZGRF	I

Neuwied, N of Koblenz

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
TNS	e Pg	Z	15:49:56.4	-1.1	T		80.6	104.2	ML 1.5
	e Sg	E	15:50:08.0	1.1	T				
WLF	e Sg	E	15:50:17.2	-0.6	T		118.7	226.5	ML 1.7
BFO	e Pg	Z	15:50:25.1	0.4	T		241.5	162.5	
	e Sg	N	15:50:51.7	-1.1	T				
CLZ	e Pg	E	15:50:59.9	31.3			264.5	51.7	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/30	00:48:58.6	+ - 0.75	51.507N	16.241E	6.7	5.6	89	1G		12	6	280	3.0ML		SZGRF	I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
RUE	e Pn	Z	00:49:30.0	0.1	T		200.0	303.6	ML 2.9
	e Sg	N	00:49:56.4	0.7	T				
CLL	e Pn	Z	00:49:33.1	0.0	T		225.7	265.6	ML 2.7
	e Sg	N	00:50:02.5	-0.5	T				
MOX	e Pn	Z	00:49:47.1	0.5	T		337.0	255.3	ML 3.2

WET	e	Sg	N	00:50:35.5	0.6	T											
	e	Pn	Z	00:49:50.3	1.5	T	354.9	223.6	ML	2.8							
	e	Sg	N	00:50:40.2	0.2	T											
CLZ	e	Pn	Z	00:49:56.8	1.7	T	406.2	277.6	ML	3.0							
	e	Sg	N	00:50:55.1	0.5	T											
GRA1	e	Pn	Z	00:49:56.9	1.7	T	407.5	242.3	ML	3.4							
	e	Sg	N	00:50:55.3	0.3	T											

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/30	12:48:55.5		49.140N	6.830E				1					2.7ML		NEIC	
2003/07/30	12:48:55.2	+ - 0.05	49.162N	6.822E	1.2	0.9	121	1G		51	18	41	3.2ML		LDG	I?
2003/07/30	12:48:55.4	+ - 1.47	49.184N	6.956E	20.0	5.6	92	1G		6	4	265	2.3ML	BFO	BGR	I
2003/07/30	12:48:55.9	+ - 1.31	49.174N	6.872E	15.6	7.8	85	1G		6	4	272	2.6ML		SZGRF	I
2003/07/30	12:48:54.6	+ - 0.30	49.100N	6.820E	3.0	2.0	34	1G		18	8	249	2.4ML		LER	I

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
DUP	i Pg -	12:49:00.6	0.1	T		34.7	356.0	ML 2.5
	i Sg	12:49:04.6	0.1	T				
PEB	e Pg	12:49:05.8	0.1	T		65.4	92.9	ML 2.4
	e Sg	12:49:13.2	-0.1	T				
RIVT	i Pg -	12:49:06.0	-0.1	T		67.7	356.7	ML 2.0
	e Sg	12:49:14.1	0.2	T				
IMS	e Pg -	12:49:10.7	-0.1	T		95.6	54.5	ML 2.3
	e Sg	12:49:21.6	-0.3	T				
FSH	e Pg	12:49:12.8	-0.5	T		110.5	10.7	ML 2.7
	e Sg	12:49:26.4	0.2	T				
BLI	e Pn	12:49:16.6	-1.0	T		131.6	343.3	ML 2.5
	e Pg	12:49:16.6	-0.3	T				
	e Sn	12:49:32.2	-1.6	T				
	e Sg	12:49:32.7	0.5	T				
BFO	e Pg Z	12:49:18.8	0.5			140.0	127.1	ML 2.3
	e Sg N	12:49:37.1	2.5					
FACH	e Pn	12:49:20.0	-1.4	T		163.2	30.7	ML 2.7
	e Pg	12:49:21.8	-0.5	T				
	e Sg	12:49:40.7	-0.5	T				
TNS	e Pg Z	12:49:21.6	-2.0			171.1	42.6	ML 2.6
	e Sg N	12:49:43.6	0.1					
STU	e Sg N	12:49:46.6	1.3			177.2	101.0	ML 2.7
BIW	e Sg	12:49:50.3	-0.2	T		195.4	21.5	ML 2.4
UBBA	e Sg E	12:50:15.9	-3.6		3.1	297.1	48.8	
GRA1	e Sg N	12:50:26.4	-1.2			325.2	76.7	ML 2.9
CLZ	e Sg E	12:50:43.9	-3.6		1.9	395.0	38.2	ML 2.8

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/30	21:36:48.4		48.320N	6.670E				5					2.1ML		NEIC	

St. Die/F, NW Vosges Mountains

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg Z	21:37:09.7	0.5			122.7	88.9	
	e Sg N	21:37:21.9	-1.6					
TNS	e Sg N	21:37:58.0	-1.2			247.7	30.7	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/07/30	21:51:26.9		48.330N	6.670E				5					2.0ML		NEIC	

St. Die/F, NW Vosges Mountains

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z	21:51:47.9	0.2			122.7	89.4	
	e Sg	N	21:52:00.4	-1.6					
TNS	e Sg	E	21:52:36.6	-0.8			246.8	30.8	

Unassociated arrivals

Sta	Phase		Date	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Sg		2003/07/01	06:33:36.8						
BRG	e Sg		2003/07/03	00:31:18.2						
BRG	e Sg		2003/07/03	07:14:14.1						
BRG	e Sg		2003/07/03	14:41:36.2						
BRG	e Sg		2003/07/03	21:52:52.5						
BRG	e Sg		2003/07/04	11:36:39.3						
BRG	e Sg		2003/07/04	15:32:29.4						
SCE	i Pg	-	2003/07/05	06:14:03.7						
SCE	e Sg		2003/07/05	06:14:20.8						ML 2.1
CLL	e Sg		2003/07/05	20:07:23.0						
BRG	e Sg		2003/07/06	08:20:58.0						
BRG	e Sg		2003/07/06	14:26:49.2						
BRG	e Sg		2003/07/06	20:47:52.8						
BRG	e Sg		2003/07/06	21:20:09.6						
CLL	e Sg		2003/07/07	06:28:25.0						
BRG	e Sg		2003/07/07	17:23:58.1						
BRG	e Sg		2003/07/08	10:03:42.0						
BRG	e Sg		2003/07/08	21:48:55.6						
MOX	e Sg		2003/07/09	00:28:06.0						
BRG	e Sg		2003/07/10	13:46:26.9						

BRG	e	Sg	2003/07/10	20:16:43.3
BRG	e	Sg	2003/07/12	12:30:38.5
BRG	e	Sg	2003/07/12	17:23:15.7
BRG	e	Sg	2003/07/14	18:01:49.5
BRG	e	Sg	2003/07/14	19:29:27.8
BRG	e	Sg	2003/07/15	06:48:41.5
BRG	e	Sg	2003/07/15	15:45:39.1
BRG	e	Sg	2003/07/17	06:05:09.0
CLL	e	Sg	2003/07/17	10:19:29.0
BRG	e	Sg	2003/07/18	07:53:29.7
BRG	e	Sg	2003/07/18	09:34:36.9
BRG	e	Sg	2003/07/19	10:03:37.8
BRG	e	Sg	2003/07/21	09:32:46.1
BRG	e	Sg	2003/07/22	04:11:21.9
BRG	e	Sg	2003/07/24	01:46:51.9
BRG	e	Sg	2003/07/24	04:04:30.4
BRG	e	Sg	2003/07/25	07:41:59.2
BRG	e	Sg	2003/07/25	07:41:58.6
BRG	e	Sg	2003/07/26	23:06:16.3
BRG	e	Sg	2003/07/26	23:06:08.1
BRG	e	Sg	2003/07/27	00:40:17.3
BRG	e	Sg	2003/07/27	00:40:08.8
BRG	e	Sg	2003/07/27	01:07:34.6
BRG	e	Sg	2003/07/27	01:07:26.1
BRG	e	Sg	2003/07/27	21:54:43.7
BRG	e	Sg	2003/07/27	21:54:31.7
BRG	e	Sg	2003/07/27	23:33:38.2
BRG	e	Sg	2003/07/27	23:33:25.9
BRG	e	Sg	2003/07/29	02:28:59.0
BRG	e	Sg	2003/07/29	07:30:19.6
BRG	e	Sg	2003/07/29	07:36:59.9
BRG	e	Pg	2003/07/30	00:13:01.4
BRG	e	Sg	2003/07/30	00:13:21.3

BRG	e	Sg	2003/07/30 00:13:12.0
BRG	e	Sg	2003/07/30 09:29:38.3
BRG	e	Sg	2003/07/30 09:29:30.0
BRG	e	Sg	2003/07/30 21:15:01.1
BRG	e	Sg	2003/07/30 21:15:15.0
BRG	e	Sg	2003/07/30 21:24:56.0
BRG	e	Sg	2003/07/31 01:03:24.0
BRG	e	Sg	2003/07/31 02:56:51.6
BRG	e	Sg	2003/07/31 02:57:07.0
BRG	e	Sg	2003/07/31 03:22:12.0