

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/01	11:24:11.5	+- 2.30	49.233N	6.789E				1G		6	4	329	2.2ML		BNS	I
2003/01/01	11:24:10.4	+- 0.50	49.130N	6.870E	6.0	1.0	42	1G		11	6	245	2.2ML		LER	I
2003/01/01	11:24:10.0	+- 0.05	49.147N	6.837E	1.1	1.0	113	1G		38	17	38	3.0ML		LDG	I?
2003/01/01	11:24:10.9	+- 0.56	49.210N	6.950E	7.8	3.3	65	1G		16	7	231	2.2ML	BFO	BGR	I
2003/01/01	11:24:10.9	+- 0.51	49.160N	6.880E	6.7	4.4	30	1G		9	5	186	2.2ML		SZGRF	I
2003/01/01	11:24:10.3	+- 0.60	49.160N	6.840E	8.0	3.0	93	1G		41	20	163	2.4ML		LED	I

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
DUP	e Pg -	11:24:15.8	0.7			28.2	352.1	ML 2.2
	e Sg	11:24:19.7	1.4					
RIVT	e Pg -	11:24:21.1	0.5			61.2	355.0	ML 1.9
	e Sg	11:24:28.9	1.2					
RUP	i Pg -	11:24:21.0	0.1	T		62.3	14.7	
	i Sg	11:24:29.0	0.9	T				
PEB	e Pg +	11:24:20.8	-0.4			64.6	98.9	ML 2.2
	e Sg	11:24:28.4	-0.4					
LANF	e Pg	11:24:22.5	-0.2	T		73.1	105.5	
	e PmP	11:24:24.1	-2.2	T				
WLF	e Pg Z	11:24:23.4	0.4			75.0	318.7	ML 2.0
	e Sg E	11:24:32.7	0.9					
IMS	e Pg +	11:24:25.7	0.1			90.7	57.5	ML 2.0
	e Sg	11:24:37.1	0.9					
WLS	i Pg +	11:24:25.4	-0.4	T		91.2	155.4	
	e Sg	11:24:36.3	-0.1	T				
ABH	i Pg -	11:24:26.4	-0.1	T		95.1	32.2	
	e Sg	11:24:39.8	2.3	T				
FSH	i Pg +	11:24:28.4	0.5			103.7	10.7	ML 2.4
	e Sg	11:24:40.8	0.9					
ECH	e Pg	11:24:28.1	-0.5	T		107.6	167.3	
	e Sg	11:24:43.1	2.1	T				
THEF	e Pg	11:24:30.2	-0.5	T		120.8	211.2	
	e Sg	11:24:46.2	1.4	T				
BGG	e Pg Z	11:24:29.9	-1.0			121.7	16.9	
	e Sg N	11:24:45.2	0.1					
BLI	e Pg	11:24:32.2	0.6			125.7	341.8	ML 2.3
HIL	e Sg N	11:24:46.2	-0.2			126.5	354.9	
SWS	e Pn	11:24:32.3	-1.9			139.6	74.3	ML 2.0
	e Sg	11:24:50.2	0.0	T				
BFO	e Pn	11:24:33.2	-1.5	T		143.0	129.6	ML 2.6
	e Pg	11:24:34.7	0.2	T				
	e Sg	11:24:51.8	0.7	T				
MOF	e Pg +	11:24:35.0	-0.2	T		147.1	171.5	
	e Sg	11:24:53.0	0.7	T				
TOD	e Pg	11:24:33.4	-2.4	T		150.5	70.0	
	e Sg	11:24:52.7	-0.6	T				
LBG	e Pn	11:24:34.6	-1.3			153.1	110.4	ML 2.5
	e Pg	11:24:36.6	0.3	T				
	e Sg	11:24:54.6	0.6	T				
KOE	e Pg Z	11:24:37.0	0.5			154.6	24.2	
	e Sg N	11:24:53.9	-0.6					
KIZ	e Pn	11:24:36.1	-0.1	T		155.6	148.9	ML 2.4
	e Pg	11:24:37.9	1.2	T				
	e Sn	11:24:51.8	-2.7	T				
	e Sg	11:24:54.5	-0.3	T				
TNS	e Pn	11:24:35.6	-1.8	T		165.3	43.8	ML 2.4

2003/01/04	18:29:22.1	+- 1.40	49.130N	6.850E	14.0	5.0	43	1G	12	7	245	2.0ML	LER	I	
2003/01/04	18:29:22.5	+- 0.07	49.137N	6.821E	1.4	1.1	144	1G	29	12	67	2.8ML	LDG	I?	
2003/01/04	18:29:22.8	+- 0.53	49.130N	6.850E	8.9	4.4	44	1G	6	3	191	2.0ML	SZGRF	I	
2003/01/04	18:29:22.4	+- 0.51	49.140N	6.870E	7.8	3.3	40	1G	8	5	189	2.0ML	BFO	BGR	I

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

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
DUP	e Sg		18:29:31.3	0.1			30.8	348.7	ML 1.8
PEB	e Pg		18:29:32.6	-0.3			62.2	97.2	ML 2.0
	e Sg		18:29:40.3	0.2					
RIVT	e Sg		18:29:40.3	-0.2			63.6	353.2	ML 1.6
WLF	e Pg	Z	18:29:35.6	0.0			78.1	318.6	ML 1.9
	e Sg	N	18:29:45.2	0.5					
IMS	e Pg	+	18:29:37.8	0.2			90.1	55.5	ML 1.8
	e Sg		18:29:48.9	0.8					
FSH	e Pg	+	18:29:40.8	0.5			105.5	9.3	ML 2.3
	e Sg		18:29:52.5	-0.0					
BLI	e Pg	+	18:29:44.0	-0.2			128.5	341.2	ML 2.1
	e Sg		18:29:58.6	-0.4					
BFO	e Pn	Z	18:29:46.4	0.0			139.9	129.5	ML 2.0
	e Pg	Z	18:29:46.0	-0.1		4.0			
	e Sg	N	18:30:03.7	1.3					
FACH	e Pn		18:29:47.2	-1.3			157.5	30.4	ML 2.2
	e Sn		18:30:06.5	-0.5					
TNS	e Pn	Z	18:29:50.5	1.0			165.4	42.7	ML 2.2
	e Pg	Z	18:29:50.2	-0.2		4.1			
	e Sg	N	18:30:10.5	0.9					
STU	e Sg	N	18:30:12.7	0.5			174.5	102.7	ML 2.3
GEC2	e Pn	Z	18:30:31.1	0.9			499.3	91.2	

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/06		21:50:00.8		50.700N	7.500E				5					3.3ML		SED	
2003/01/06		21:49:36.9		52.294N	7.608E				10					4.3ML		NEIC	
2003/01/06		21:49:39.5	+- 0.09	52.300N	7.681E	2.1	1.5	138	1G		80	31	79	4.3ML		LDG	I?
2003/01/06		21:49:44.0	+- 5.00	52.140N	7.540E	67.0	46.0	17	10G		17	16	319	3.7ML		LED	L
2003/01/06		21:49:36.2	+- 1.60	52.460N	7.460E	33.0	13.0	91	5G		19	6	341	3.9ML		LER	L
2003/01/06		21:49:37.8	+- 0.38	52.380N	7.740E	6.7	3.3	101	2G		18	14	165	3.9ML		SZGRF	L
2003/01/06		21:49:39.3	+- 0.50	52.300N	7.763E				1	+- 8.2		19	133	4.1ML		BNS	L
2003/01/06		21:49:38.6	+- 0.36	52.330N	7.760E	5.6	3.3	131	1G		28	15	201	4.2ML	BUG	BGR	L

Tecklenburg/Ibbenbueren, W of Osnabrueck

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
IBBN	e Pg	Z	21:49:39.1	0.1			2.5	185.2	
	e Sg	E	21:49:39.5	0.1					
WTSB	i Pg		21:49:52.3	0.6			77.0	238.7	
	e Sg		21:50:02.2	1.5					
BUG	e Pn	Z	21:49:57.6	-0.7			104.5	199.0	ML 4.2
	e Pg	Z	21:49:56.2	-0.1					
	e Sg	E	21:50:09.7	1.3					
HOB	i Pg	- Z	21:50:03.6	-0.8			152.6	191.3	
	e Sg	E	21:50:22.6	0.4					
BNS	e Pg	- Z	21:50:04.2	-1.1			157.2	195.1	
	e Sg	E	21:50:23.7	0.1					
NRDL	e Pn	Z	21:50:05.3	0.1		47.4	160.2	82.5	

	e	Sg	N	21:50:24.1	-0.3				
HNK	e	Pg	Z	21:50:05.9	-0.5	163.7	213.5		
BOR	e	Pg	Z	21:50:06.1	-0.8	166.3	214.0		
PES	e	Pg	Z	21:50:05.8	-1.2	167.8	212.9		
	e	Sg	N	21:50:25.6	-1.0				
TGD	e	Pg	Z	21:50:05.9	-1.4	169.0	206.8		
MIL	e	Pg	Z	21:50:06.2	-1.3	170.3	209.6		
ROE	e	Pg	Z	21:50:06.4	-1.3	171.5	206.3		
	e	Sg	E	21:50:26.0	-1.6				
SIN	e	Pg	Z	21:50:06.8	-1.4	174.3	206.2		
GMA	e	Sg	N	21:50:27.9	-1.2	176.6	207.5		
BIW	e	Pn		21:50:06.8	-0.5	177.9	178.2	ML 4.1	
	e	Pg		21:50:09.1	0.3				
	e	Sn		21:50:30.4	2.8				
	e	Sg		21:50:32.0	2.5				
CLZ	e	Pn	Z	21:50:08.5	0.2	186.6	105.9	ML 3.6	
	i	Pg	-Z	21:50:08.5	-1.7				
	e	Sg	N	21:50:31.3	-0.6				
STB	e	Pg	Z	21:50:09.9	-3.2	203.3	198.6		
	e	Sg	N	21:50:32.4	-4.3				
HLG	e	Sg	N	21:50:34.5	-3.0	206.2	2.2	ML 3.4	
KOE	e	Sg	E	21:50:35.5	-3.7	211.8	180.5		
KLL	e	Pg	Z	21:50:11.4	-3.2	212.3	208.8		
	e	Sg	E	21:50:34.8	-4.5				
FACH	e	Pn		21:50:12.1	-0.3	220.1	175.7	ML 4.0	
	e	Pg		21:50:15.9	-0.1				
	e	Sn		21:50:39.2	2.7				
	e	Sg		21:50:43.9	2.4				
BGG	e	Pg	Z	21:50:13.4	-5.6	237.9	187.3		
HIL	e	Pg	N	21:50:14.6	-4.4	238.6	198.8		
	e	Sg	E	21:50:40.1	-6.7				
TNS	e	Pn	Z	21:50:14.6	-0.2	239.2	168.2	ML 4.2	
	e	Pg	Z	21:50:14.6	-4.6				
	e	Sg	E	21:50:47.8	0.8				
BSEG	e	Pn	Z	21:50:15.1	-0.5	246.9	42.7	ML 3.3	
	e	Pg	Z	21:50:19.5	-1.0	9.9			
	e	Sn	N	21:50:42.0	-0.1				
FSH	e	Pn		21:50:15.8	-0.9	254.7	190.5	ML 4.2	
	e	Sn		21:50:45.3	1.5				
	e	Sg		21:50:53.5	2.2				
ABH	e	Pn	+	21:50:18.5	-0.3	272.6	183.2		
RUP	e	Pn	+	21:50:21.6	-0.1	296.3	189.8		
RIVT	e	Pn		21:50:21.9	-0.2	299.7	193.8	ML 3.7	
	e	Pg		21:50:26.9	-2.5				
	e	Sg		21:51:03.8	-0.5				
IMS	e	Pn	-	21:50:22.6	-0.1	304.4	178.1	ML 3.9	
	e	Pg		21:50:28.8	-1.4				
	e	Sg		21:51:06.9	1.3				
TOD		Pn		21:50:23.5	-0.0	311.6	166.0		
WLF	e	Pn	Z	21:50:24.2	-0.1	20.8	317.0	201.4	ML 4.2
	e	Sg	N	21:51:05.7	-3.5				
SWS		Pn		21:50:25.3	0.3	323.2	167.9	ML 3.4	
		Sg		21:51:08.3	-2.7				
MOX	e	Pn	Z	21:50:26.2	0.8	326.1	123.5	ML 3.8	
	e	Pg		21:50:37.6	3.7				
DUP	e	Pg		21:50:32.6	-2.3	331.6	192.3	ML 3.9	
	e	Sn		21:51:00.6	0.5				
KTD		Pn		21:50:26.2	-0.2	335.4	176.0		

LANF		Pn		21:50:30.9	-0.1	372.4	179.5											
CLL	e	Pn	Z	21:50:32.9	1.3	377.7	105.4	ML	3.9									
	e	Pg		21:50:44.0	1.4													
	e	Sn		21:51:13.0	3.2													
	e	(Sg)		21:51:32.0	5.4													
GRA1	e	Pn	Z	21:50:33.0	1.0	380.3	139.1											
STU	e	Pn	Z	21:50:35.4	0.0	408.5	165.1	ML	4.4									
LBG		Pn		21:50:35.7	-0.4	414.1	169.4	ML	3.4									
WLS		Pn		21:50:38.3	-0.5	436.5	183.9											
BUCH		Pn		21:50:39.8	-0.2	446.0	164.7	ML	3.8									
		Sg		21:51:48.1	2.1													
BFO	e	Pn	Z	21:50:39.8	-0.2	446.6	174.6	ML	4.0									
HDH		Pn		21:50:41.2	0.6	451.0	156.5	ML	3.9									
		Sn		21:51:30.2	4.9													
BRG	e	Pn	Z	21:50:42.8	1.6	456.5	108.3	ML	3.5									
	i	Pg		21:50:58.8	2.8													
	i	Sn		21:51:37.6	11.1													
	i	Sg		21:51:58.3	9.2													
ECH		Pn		21:50:41.0	-0.6	459.4	185.6											
THEF		Pn		21:50:42.6	-0.6	473.0	196.1											
SPAK		Pn		21:50:44.0	0.5	475.7	170.8											
GUT		Pn		21:50:45.2	0.7	483.3	168.0	ML	3.9									
KIZ		Pn		21:50:43.9	-1.0	486.5	178.6	ML	3.7									
		Sn		21:51:33.1	0.3													
		Sg		21:51:54.3	-3.4													
FELD		Pn		21:50:45.5	-0.5	495.5	177.9											
MOF		Pn		21:50:45.9	-0.6	499.9	185.4											
WET	e	Pn	Z	21:50:48.7	1.5	505.0	132.5	ML	3.7									
	e	Sg	N	21:52:03.9	1.0													
FUR	e	Pn	Z	21:50:49.8	-0.0	2.4	526.3	150.3										
	e	Sg	N	21:52:09.1	0.1													
UBR		Pn		21:50:52.2	0.3	543.4	161.1	ML	3.7									
LOMF		Pn		21:50:53.3	-0.3	557.6	187.2											
GEC2	e	Pn	Z	21:50:57.4	2.2	570.7	130.4											
	e	Sg	E	21:52:22.0	0.3													

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/08	18:40:07.2	+/- 1.46	51.530N	6.720E	15.6	7.8	143	1G		5	3	273	2.0ML		SZGRF	I
2003/01/08	18:40:07.0		51.523N	6.810E				1G					1.5ML		BUG	I

Duisburg, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg - Z	18:40:13.7	1.1	TA		33.1	105.9	ML 1.5
	e Sg E	18:40:18.6	2.1					
TNS	e Pn Z	18:40:38.0	1.5			184.7	140.9	ML 2.3
	e Sg E	18:41:01.5	1.7					
WLF	e Sg N	18:41:07.7	0.1			211.8	192.9	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/09	16:46:00.2	+/- 0.41	51.548N	6.653E	6.8	4.0	23	1G		7	4	304	2.6ML		LDG	I?
2003/01/09	16:45:59.5		51.552N	6.859E				1G					1.3ML		BUG	I

Duisburg, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg + Z	16:46:05.8	1.0	TA		31.0	113.4	ML 1.3

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/10	15:55:49.4	+ - 1.19	50.130N	18.390E	13.3	13.3	176	1G		12	9	317	3.4ML		SZGRF	I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg Z	15:56:42.4	-2.1	T		325.1	286.4	ML 3.1
	e Sg N	15:57:21.6	-0.7	T				
GEC2	e Pn Z	15:56:41.2	0.1	T		367.5	248.9	ML 3.4
	e Sg E	15:57:34.6	0.2	T				
CLL	e Pg Z	15:56:55.2	-2.2	T		401.1	291.1	
	e Sg N	15:57:44.3	0.3	T				
WET	e Sg E	15:57:46.2	-0.8	T		411.7	256.7	
MOX	e Sg N	15:58:07.0	-0.5	T		483.5	279.4	
GRA1	e Sg E	15:58:18.6	2.0	T		515.4	267.3	
GRFO	e Sg E	15:58:19.5	2.9	T		515.5	267.3	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/12	09:32:27.8	+ - 0.14	48.132N	7.440E	3.0	1.4	129	5G		9	5	195	2.0ML		LDG	I

Breisach/Upper Rhine Graben, W of Freiburg

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg Z	09:32:38.2	-1.5			69.5	71.2	
	e Sg N	09:32:45.6	-2.1					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/12	22:58:02.2	+ - 0.07	50.324N	7.381E	1.4	1.2	77	4G		30	11	68	2.8ML		LDG	L
2003/01/12	22:58:02.5	+ - 0.90	50.369N	7.405E				4	+ - 13.7	14	7	120	2.1ML		BNS	L
2003/01/12	22:58:02.5	+ - 0.36	50.330N	7.360E	5.6	5.6	111	1G		9	5	127	2.2ML		SZGRF	L
2003/01/12	22:58:02.3	+ - 0.48	50.350N	7.470E	5.6	4.4	70	0G		16	8	189	2.2ML	BFO	BGR	L
2003/01/12	22:58:02.3	+ - 0.10	50.360N	7.390E	2.0	1.0	323	4	+ - 4.0	14	8	138	2.2ML		LER	L

Koblenz/Middle Rhine Area

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BGG	i Pg + Z	22:58:05.9	0.6			17.5	192.7	
	i Sg E	22:58:08.1	0.7					
KOE	e Pg - Z	22:58:07.1	0.5			25.4	73.3	
	i Sg N	22:58:10.0	0.4					
FSH	i Pg +	22:58:08.8	0.2	T		37.4	212.5	ML 2.5
	i Sg	22:58:13.0	-0.0	T				
FACH	i Pg -	22:58:09.6	0.0	T		42.8	90.3	ML 2.1
	e Sg	22:58:14.0	-0.6	T				
STB	e Pg Z	22:58:11.2	0.9			46.8	303.9	
	i Sg E	22:58:16.4	0.6					
HIL	i Pg - Z	22:58:11.5	0.5			50.9	261.8	
	e Sg E	22:58:17.9	1.0					

BIW	i	Pg	+	22:58:11.0	-0.1	T	52.0	37.3	ML	2.0
	e	Sg		22:58:16.3	-0.8					
BNS	e	Pg	+	Z 22:58:14.5	0.6		68.8	347.4		
	i	Sg	N	22:58:22.3	0.4					
HOB	e	Pg	+	Z 22:58:14.6	0.5		69.4	356.8		
	e	Sg	E	22:58:22.2	0.0					
TNS	e	Pg	Z	22:58:15.1	-0.2	18.2	76.6	101.1	ML	2.1
	e	Sg	E	22:58:22.9	-1.3					
BLI	i	Pg	-	22:58:15.8	-0.0	T	79.6	260.1	ML	2.4
	i	Sg		22:58:24.1	-1.0					
KLL	e	Pg	Z	22:58:16.5	0.2		82.7	293.1		
	e	Sg	N	22:58:27.3	1.3					
RIVT	e	Pg		22:58:15.8	-0.9	T	85.1	211.9	ML	1.9
	e	Sg		22:58:27.7	1.1	T				
IMS	e	Pg	+	22:58:18.0	0.0	T	92.7	156.6	ML	2.3
	e	PmP		22:58:19.5	-1.1	T				
	e	Sg		22:58:29.3	0.5	T				
DUP	e	Pg		22:58:21.5	-0.1	T	114.0	202.5	ML	2.1
	e	Sg		22:58:34.5	-0.4	T				
WLF	e	Pg	Z	22:58:21.3	-0.9		117.5	229.3		
	e	Sg	N	22:58:34.6	-1.2					
BUG	e	Pg	Z	22:58:22.5	-0.2	3.5	120.4	356.0	ML	2.1
	e	Sg	E	22:58:37.3	0.6					
PEB	e	Pn		22:58:26.1	-0.6	T	145.7	170.6	ML	2.7
	e	Sn		22:58:41.5	-2.4					
BFO	e	Pg	Z	22:58:42.4	0.2	1.6	235.7	162.9	ML	2.2
	e	Sg	E	22:59:07.6	-2.1					
CLZ	e	Pg	Z	22:58:46.0	-1.3	1.6	265.5	50.5	ML	2.4
	e	Sg	N	22:59:17.5	-0.7					
GRFO	e	Pg	Z	22:58:49.2	-1.1	1.9	283.5	103.7	ML	2.3
	e	Sg	N	22:59:22.6	-0.7					
GRA1	e	Sg	N	22:59:23.5	0.2		283.6	103.7		
MOX	e	Pg	Z	22:58:51.9	-1.3	1.6	300.5	82.3	ML	2.3
	e	Sn	Z	22:59:17.0	0.4					
	e	Sg	N	22:59:24.6	-3.5					
WET	e	Pn	Z	22:58:59.9	0.2	2.4	416.7	106.8		
	e	Sg	N	23:00:00.8	-0.6					
GEC2	e	Pn	Z	22:59:09.0	1.0	2.0	484.8	107.9		

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
2003/01/14 10:40:07.1 +- 0.38 51.330N 10.400E 6.7 5.6 68 1G 11 7 129 2.2ML GRFO BGR I?

Muehlhausen, Bleicherode

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
CLZ	e	Pg	N 10:40:16.2	-0.6	T	1.5	56.9	358.1	ML 1.8
	e	Sg	Z 10:40:24.8	1.5	T				
MOX	e	Pg	Z 10:40:27.8	1.3	T	1.8	114.2	131.4	ML 1.9
	e	Sg	N 10:40:39.6	-0.1	T				
CLL	e	Pn	Z 10:40:36.1	-0.0	T	1.2	180.9	89.8	ML 2.4
	e	Sg	N 10:40:57.6	-1.2	T				
TNS	e	Sg	N 10:40:58.4	-1.4	T		184.4	228.9	ML 2.2
GRFO	e	Pn	Z 10:40:37.1	-0.3	T	1.2	191.3	162.0	ML 2.2
	e	Sg	N 10:41:03.4	1.6	T				
BRG	e	Sg	N 10:41:17.9	-1.3	T		252.5	100.2	ML 2.1
GEC2	e	Sg	E 10:41:52.4	1.6	T		363.0	138.3	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/17	18:31:20.2		51.714N	7.743E				1G					2.0ML		BNS	
2003/01/17	18:31:19.5		51.654N	7.761E				1G					1.9ML		BUG	I
2003/01/17	18:31:21.1	+ - 0.97	51.590N	7.810E	14.5	5.6	6	1G		6	3	223	2.0ML	BUG	BGR	I

Unna, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg	Z 18:31:27.6	-0.5	T	17.7	40.9	246.3	ML 2.0
	e Sg	E 18:31:32.8	-0.0	T				
TNS	e Pn	Z 18:31:47.8	0.4	T	1.6	158.5	163.4	
	e Pg	Z 18:31:49.2	1.2	T	4.2			
MOX	e Sg	N 18:32:05.9	-0.5	T				
	e Sg	Z 18:32:42.5	-0.2	T		285.6	110.1	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/19	06:36:52.5	+ - 0.05	49.159N	6.896E	1.2	0.9	105	1G		11	6	95	2.0ML		LDG	I?

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z 06:37:18.0	1.8			139.8	130.7	
	e Sg	E 06:37:33.6	1.1					
TNS	e Sg	E 06:37:41.0	2.1			162.6	42.8	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/19	12:45:04.2	+ - 0.05	49.143N	6.829E	1.1	0.8	111	1G		26	11	71	2.5ML		LDG	I?
2003/01/19	12:45:05.1	+ - 1.38	49.160N	6.920E	21.1	6.7	84	1G		6	3	271	2.2ML	TNS	BGR	I

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z 12:45:28.4	-0.2	T	3.3	138.5	131.2	ML 2.2
	e Sg	E 12:45:44.5	-0.2	T	5.3			
TNS	e Pn	Z 12:45:30.8	-0.9	T	2.9	161.3	42.3	ML 2.2
	e Pg	Z 12:45:32.8	0.4	T	2.7			
GEC2	e Sg	E 12:45:51.2	-0.1	T	2.8			
	e Pn	Z 12:46:13.5	0.9	T	2.2	495.7	91.5	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/19	20:35:06.1	+ - 0.07	49.141N	6.812E	1.7	1.0	113	1G		30	12	70	2.8ML		LDG	I?
2003/01/19	20:35:06.4	+ - 1.10	49.150N	6.890E	14.5	6.7	77	1G		7	4	272	2.0ML	BFO	BGR	I
2003/01/19	20:35:07.2	+ - 0.52	49.160N	6.880E	8.9	4.4	44	1G		6	3	186	2.0ML		SZGRF	I

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg	Z 20:35:19.5	-0.8	T		76.9	317.1	ML 2.0
	e Sg	E 20:35:29.2	0.0	T				

BFO	e	Pg	Z	20:35:30.6	-0.5	T		140.7	130.4	ML	2.0
	e	Sg	E	20:35:47.0	-0.5	T					
TNS	e	Pn	Z	20:35:32.2	-1.8		1.0	163.3	43.1	ML	2.3
	e	Pg	Z	20:35:34.1	-0.8	T					
	e	Sg	N	20:35:53.9	0.0	T					
STU	e	Sg	N	20:35:56.3	-0.7		1.9	174.3	103.5	ML	2.4
GEC2	e	Pn	Z	20:36:15.4	0.4		2.7	498.7	91.4		

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/20	20:21:16.1	+/- 1.02	47.810N	12.840E	11.1	4.4	152	1G		11	7	252	2.0ML	GEC2	BGR	L

Laufen, NW of Salzburg/A, German-Austrian border region

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
FUR	e Pg	Z 20:21:36.7	-0.3	T	2.2	122.9	289.2	ML 2.3
	e Sg	N 20:21:52.5	1.3	T	2.7			
GEC2	e Pg	Z 20:21:38.3	-0.2	T	24.3	131.5	28.6	ML 2.0
	e Sg	E 20:21:54.2	0.5	T	4.0			
WET	e Pg	Z 20:21:40.8	-0.4	T	16.7	148.3	1.1	ML 2.0
	e Sg	N 20:21:58.9	0.4	T	3.9			
GRFO	e Pg	Z 20:21:58.0	1.1	T	2.0	240.5	331.0	
	e Sg	N 20:22:24.6	-0.3	T	2.2			
MOX	e Sg	N 20:22:49.3	-0.4	T	2.3	327.5	344.7	ML 2.6
BFO	e Sg	E 20:22:54.4	1.1	T	1.3	340.0	281.5	
BRG	e Sg	E 20:22:55.5	-0.6	T	1.5	349.8	12.8	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/22	12:30:07.1	+/- 1.40	47.150N	9.460E	12.0	7.0	352	10G		12	6	268	2.1ML		LED	L
2003/01/22	12:30:06.4		47.200N	9.500E				2					1.4ML		SED	

Vaduz/Liechtenstein, Swiss-Liechtenstein-Austrian border reg

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
UBR	e Pg	12:30:20.0	1.7			70.3	40.3	ML 1.6
	i Sg	12:30:30.3	3.8					
GUT	e Pg	12:30:24.9	1.3			101.0	343.6	ML 2.2
	e PmP	12:30:25.9	-0.3					
	e SmS	12:30:39.6	-0.0					
BUCH	e Pn	12:30:30.7	0.4			139.4	355.5	ML 2.0
	e Pg	12:30:32.3	2.3					
	e Sn	12:30:46.2	-0.8					
	e Sg	12:30:49.1	2.9					
KIZ	e Pg	12:30:31.7	0.7			145.4	305.9	ML 2.3
	e Sg	12:30:49.6	1.7					
HDH	e Sg	12:30:55.3	2.4			162.7	18.6	ML 2.1
LBG	e Sg	12:30:57.0	1.7			171.0	342.4	ML 2.4

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/23	19:59:44.5		48.800N	7.000E				29					3.1ML		SED	
2003/01/23	19:59:36.7		49.102N	6.775E				1G					2.5ML		BNS	
2003/01/23	19:59:37.1	+/- 0.07	49.144N	6.822E	1.4	1.1	134	1G		51	22	38	3.3ML		LDG	I?
2003/01/23	19:59:37.8	+/- 0.77	49.180N	7.000E	10.0	6.7	85	1G		16	9	267	2.8ML	TNS	BGR	I

2003/01/23 19:59:38.6 +- 0.51 49.160N 6.880E 8.9 5.6 35 1G 8 4 186 2.8ML SZGRF I
 2003/01/23 19:59:37.2 +- 0.30 49.140N 6.850E 4.0 2.0 91 1G 37 19 162 2.8ML LED I

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
RUP	i Pg -	19:59:48.1	-0.0	T		64.3	13.5	
	e Sg	19:59:56.3	0.7	T				
LANF	e Pg	19:59:49.6	0.2	T		71.8	103.9	
WLF	e Pg Z	19:59:50.6	0.3			77.1	319.4	ML 2.5
	e Sg N	20:00:01.2	2.0					
WLS	e Pg	19:59:52.3	0.1	T		88.9	155.3	
	e Sg	20:00:03.2	0.6	T				
KTD	e Pg	19:59:53.1	0.3	T		91.8	76.9	
ABH	e Pg -	19:59:53.4	-0.2	T		96.6	31.1	
ECH	e Pg	19:59:54.8	-0.2	T		105.2	167.5	
	e PmP	19:59:56.2	-1.4	T				
THEF	e Pg -	19:59:57.2	-0.2	T		119.3	212.1	
	e Sg	20:00:12.1	0.8	T				
LIBD	e P*	19:59:59.2		T		123.1	153.0	
	e S*	20:00:14.6		T				
SWS	e Pg	20:00:00.6	-0.3	T		139.5	73.4	ML 2.3
	e Sg	20:00:17.2	0.2	T				
BFO	e Pg Z	20:00:01.7	0.6			141.0	129.1	ML 2.6
	e Sg N	20:00:18.4	0.9					
MOF	e Pg +	20:00:02.0	0.3	T		144.8	171.6	
	e Sg	20:00:19.9	1.4	T				
TOD	e Pn	20:00:00.9	-1.7	T		150.6	69.2	
	e Sg	20:00:20.0	-0.2	T				
LBG	e Pn -	20:00:02.0	-0.6	T		151.7	109.7	ML 2.8
	e Sn	20:00:18.7	-1.9	T				
	e Sg	20:00:21.8	1.2	T				
KIZ	e Pn	20:00:02.1	-0.7	T		153.3	148.7	ML 2.7
	e Sn	20:00:18.8	-2.2	T				
	e Sg	20:00:21.5	0.5	T				
FELD	e Pn	20:00:03.2	-1.0	T		164.2	148.4	
	e Sg	20:00:24.7	0.6	T				
TNS	e Pn Z	20:00:03.1	-1.3		1.5	166.4	43.1	ML 2.8
	e Pg Z	20:00:03.5	-1.9					
	e Sg N	20:00:25.2	0.5					
STU	e Sn E	20:00:24.2	-1.5		1.2	175.9	102.6	ML 2.8
	e Sg E	20:00:26.7	-0.8		3.1			
SPAK	e Pg	20:00:08.0	-0.3	T		183.2	128.3	
BUCH	e Pn	20:00:08.0	-0.4	T		198.7	111.8	ML 2.7
	e Pg	20:00:11.7	0.8	T				
	e Sg	20:00:36.0	2.0	T				
LOMF	e Pg	20:00:11.1	0.1	T		198.9	180.5	
	e Sg	20:00:34.9	0.9	T				
SIND	e Pn -	20:00:07.5	-1.2	T		201.4	82.3	ML 2.8
	e Pg +	20:00:11.0	-0.4	T				
	Sg	20:00:35.5	0.8					
GUT	Pn	20:00:09.2	0.1			204.6	124.7	ML 2.9
	e Pg	20:00:12.8	0.9	T				
	e Sg	20:00:35.8	0.1	T				
HDH	Pg	20:00:20.4	0.3			253.2	102.9	ML 2.8
	e Sg	20:00:50.6	1.0					
BUG	e Sn N	20:00:42.4	-0.5			257.5	6.5	ML 2.7
	e Sg N	20:00:50.2	-0.6					

UBR	e	Sn		20:01:02.3	12.5				290.0	122.8		ML	3.0
GRFO	e	Pg	Z	20:00:31.3	-0.5			2.8	322.0	77.4		ML	3.1
	e	Sg	N	20:01:08.0	-1.2			3.2					
GRA1	e	Pg	Z	20:00:32.1	0.3				322.1	77.4		ML	3.2
	e	Sg	N	20:01:10.5	1.3								
FUR	e	Sg	E	20:01:12.5	-2.6			2.6	342.7	106.8		ML	3.5
MOX	e	(Pg)		20:00:44.9	3.3				380.1	62.1		ML	2.9
	e	Sg	N	20:01:21.7	-4.1			2.6					
WET	e	Pn	Z	20:00:37.7	0.1			3.1	438.4	87.7		ML	3.1
	e	Pg	Z	20:00:47.8	-3.7			1.9					
	e	Sg	N	20:01:39.2	-3.2			2.0					
CLL	e	Sg	N	20:01:58.4	-1.5			2.5	499.4	58.8		ML	3.3
GEC2	e	Pn	Z	20:00:45.7	0.5			9.2	500.8	91.2			
BRG	e	Sg		20:02:13.9	1.8				542.0	66.5			

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/24	04:11:25.3	+ -	0.57	51.510N	16.120E	6.7	4.4	119	1G		17	11	250	4.1ML		SZGRF	I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
RUE	e	Pg	Z	04:11:55.7	-2.3	T	192.9	304.8	ML 4.0
	e	Sg	N	04:12:21.5	1.1	T			
MOX	e	Pn	E	04:12:13.6	1.2	T	329.0	254.8	
WET	e	Pn	Z	04:12:15.7	0.9	T	349.5	222.4	
RGN	e	Pn	Z	04:12:19.2	-0.1	T	386.1	332.1	
GRA1	e	Pn	Z	04:12:23.1	2.0	T	400.3	241.6	
	e	Sg	N	04:13:20.2	0.5	T			
FUR	e	Pn	Z	04:12:35.2	0.9	T	508.9	224.9	
TNS	e	Pn	Z	04:12:42.1	1.9	T	556.9	258.1	

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/24	18:31:42.4	+ -	0.69	51.530N	16.240E	6.7	6.7	8	1G		12	7	269	3.3ML		SZGRF	I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e	Pn	Z	18:32:10.8	0.0	T	175.9	246.4	ML 3.2
	e	Sg	N	18:32:32.1	-0.5	T			
RUE	e	Pn	Z	18:32:13.6	0.1	T	198.5	303.0	ML 3.2
	e	Sg	N	18:32:39.8	0.7	T			
CLL	e	Pn	Z	18:32:16.9	0.1	T	225.8	265.0	ML 3.0
	e	Sg	N	18:32:47.2	0.4	T			
MOX	e	Pn	Z	18:32:31.2	0.8	T	337.6	254.9	ML 3.5
	e	Sg	N	18:33:19.4	0.6	T			
GEC2	e	Pn	Z	18:32:33.4	1.6	T	348.9	212.2	
WET	e	Pn	Z	18:32:34.3	1.5	T	356.7	223.3	ML 3.3
GRA1	e	Pn	Z	18:32:40.9	1.8	T	408.7	242.0	ML 3.7
	e	Sg	N	18:33:39.2	0.1	T			

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/25	00:45:48.8	+ -	0.09	49.153N	6.774E	1.9	1.4	109	1G		32	14	55	2.7ML		LDG	I?

2003/01/25 00:45:50.0 +- 1.52 49.170N 6.890E 16.7 6.7 82 0G 5 3 272 2.0ML BFO BGR I
 2003/01/25 00:45:50.0 +- 0.52 49.160N 6.870E 8.9 4.4 44 1G 6 3 187 1.9ML SZGRF I

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg Z	00:46:02.0	-1.0	T		76.4	317.5	ML 1.8
	e Sg N	00:46:12.3	0.4	T				
BFO	e Pg Z	00:46:13.0	-1.0	T		141.3	130.2	ML 1.9
	e Sg N	00:46:30.1	-0.3	T				
TNS	e Pg N	00:46:17.5	-0.3	T		163.8	43.2	ML 2.1
	e Sg N	00:46:36.5	-0.4	T				
STU	e Sg N	00:46:39.8	-0.3			175.0	103.4	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/25	00:58:19.3	+- 0.16	51.543N	6.773E	2.6	2.1	29	1G		30	12	279	2.5ML		LDG	I?
2003/01/25	00:58:18.4	+- 0.89	51.510N	6.740E	11.1	5.6	113	1G		6	4	206	2.0ML		SZGRF	I
2003/01/25	00:58:17.4		51.525N	6.802E				1G					1.4ML		BUG	I

Duisburg, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg - Z	00:58:24.2	1.1	TA		33.7	105.9	ML 1.4
	e Sg E	00:58:29.0	2.0					
IBBN	e Sg E	00:58:50.7	2.2			108.9	36.6	
TNS	e Pg Z	00:58:49.4	0.7			185.1	140.8	ML 2.2
	e Sg E	00:59:12.2	1.9					
WLF	e Sg E	00:59:18.1	0.1			211.8	192.8	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/29	08:00:06.4		47.392N	10.258E				10					3.5ML		NEIC	
2003/01/29	08:00:08.8	+- 0.19	47.346N	10.095E	3.5	2.9	111	10G		57	25	161	3.7ML		LDG	L
2003/01/29	08:00:04.8		47.200N	10.100E				1					3.4ML		SED	
2003/01/29	08:00:04.1	+- 1.90	47.180N	10.160E	20.0	7.0	340	10G		28	11	274	3.5ML		LED	L
2003/01/29	08:00:05.8	+- 0.60	47.190N	10.090E	8.9	5.6	5	10G		21	10	260	3.4ML	BFO	BGR	L
2003/01/29	08:00:04.8	+- 0.47	47.170N	10.110E	7.8	4.4	24	7	+- 2.8	21	11	215	3.6ML		SZGRF	L

Arlberg/A

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
DAVA	e Pg Z	08:00:08.8	0.2	T		21.7	306.9	
	PmP	08:00:14.4	-0.2					
	e Sg N	08:00:11.8	0.5	T				
UBR	e Pg -	08:00:14.4	-0.1			56.8	359.8	ML 3.5
	PmP	08:00:14.9	-3.1					
	e Sg	08:00:22.3	1.1					
OGA	i Pg +	08:00:18.4	0.5			77.1	115.5	
MOTA	e Pg Z	08:00:16.8	-1.2	T		77.5	75.1	
	e Sg Z	08:00:27.3	0.3	T				
SQTA	e Pg Z	08:00:17.9	-1.1	T		83.2	85.7	
	e Sg Z	08:00:28.2	-0.5	T				
WTTA	e Pg Z	08:00:23.2	-1.2	T		115.7	84.3	
SCE	i Pg -	08:00:24.4	-1.1			122.0	96.3	
GUT	e Pn -	08:00:26.2	-0.1			124.8	323.7	ML 3.5

	e	Pg	-	08:00:27.4	1.4				
	e	Sg		08:00:42.7	2.1				
FUR	e	Pg	Z	08:00:29.0	0.3	T	140.7	37.9	ML 4.1
	e	Sg	N	08:00:47.0	2.0	T			
BUCH	e	Pn	-	08:00:30.1	0.4		153.1	338.6	ML 3.5
	e	Pg	-	08:00:31.2	0.4				
	e	Sg		08:00:49.9	1.3				
HDH	e	Pn	-	08:00:29.9	-0.3		157.4	2.6	ML 3.5
	e	Pg		08:00:31.1	-0.4				
		Sn		08:00:48.9	0.6				
	e	Sg		08:00:50.9	1.1				
FELD	i	Sg		08:00:57.2	1.9		176.6	297.2	
BFO	e	Pn	Z	08:00:34.6	0.9		2.6	185.3	314.8
	e	Pg	Z	08:00:36.0	-0.3		15.9		
	e	Sg	E	08:00:58.7	0.9				
KIZ	e	Pn		08:00:35.8	2.0		186.2	298.8	ML 3.8
	e	Pg		08:00:37.5	1.1				
	e	Sg		08:00:59.7	1.6				
STU	e	Pn	Z	08:00:34.7	0.4	T		190.6	339.4
	e	Pg	Z	08:00:37.1	-0.0		7.7		
	e	Sg	E	08:00:59.3	-0.0	T			
LBG	e	Pn		08:00:35.2	0.6		192.9	329.9	ML 3.6
		Pg		08:00:37.9	0.4				
	e	Sn		08:00:56.0	0.2				
	e	Sg		08:01:00.7	0.8				
BBS		Pg		08:00:40.0	1.5		198.8	280.4	
KBA	e	Pg	Z	08:00:46.1	-0.2	T	244.9	91.2	ML 3.3
	e	Sg	Z	08:01:16.5	1.7	T			
SIND		Pn	-	08:00:40.5	-0.4		245.1	351.4	ML 3.5
	e	Pg	-	08:00:46.4	0.1				
LANF		Pn		08:00:44.7	1.4		264.3	320.5	
SWS	e	Pn		08:00:45.4	0.4		277.6	338.5	ML 3.0
	e	Pg		08:00:52.2	0.3				
		Sn		08:01:13.9	0.2				
		Sg		08:01:26.0	1.8				
TOD	i	Pn	+	08:00:46.7	0.6		287.5	340.9	
GRA1	e	Pn	Z	08:00:45.6	-1.1		292.2	15.9	
WET	e	Pn	Z	08:00:48.0	0.3	T	300.5	42.1	ML 3.6
	e	Sn	N	08:01:19.2	0.6				
	e	Sg	Z	08:01:29.2	-1.5	T			
MOA	e	Pn	Z	08:00:52.8	2.6	T	321.1	74.9	ML 3.4
	e	Sg	Z	08:01:36.5	-0.0	T			
GEC2	e	Pn	Z	08:00:51.7	1.0		9.2	325.6	53.8
	e	Pg	Z	08:01:01.1	1.0		46.4		
	e	Sn	N	08:01:27.0	3.1				
ROTZ	i	Pn	-	08:00:49.9	-1.1		327.6	27.4	ML 3.3
THEF	e	Sg		08:01:41.5	2.5		329.7	292.4	
ABH		Pn		08:00:56.0	1.6		355.6	328.9	
RUP		Pn		08:00:57.0	2.0		360.3	322.5	
TNS	e	Pn	Z	08:00:56.1	1.1	T	360.6	340.8	ML 3.7
	e	Sg	N	08:01:49.5	1.7	T			
MOX	e	Pn	Z	08:00:58.5	-1.5	T	401.7	15.3	ML 3.7
		Pg		08:01:14.1	1.2				
	e	(Sn)	N	08:01:41.1	1.2				
	e	Sg	Z	08:01:58.8	-0.7	T			
BRG	e	Pn	Z	08:01:11.9	0.2		1.2	497.5	32.7
	i	Pg		08:01:27.0	-2.1				
	i	Sn		08:02:03.2	3.0				

CLL	e	Sg	N	08:02:26.3	-0.6													
	e	Pn	Z	08:01:11.6	-1.1				2.9	505.6								
	i	Sg		08:02:26.1	-3.2													
CLZ	e	Pn	Z	08:01:14.7	0.2				1.3	519.8								
	e	Pg	Z	08:01:33.3	0.4				2.7									
	e	Sg	N	08:02:33.5	0.1													

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/29	08:22:11.7	+ - 1.70	47.190N	10.250E	15.0	13.0	346	10G		15	6	297	2.3ML		LED	L

Arlberg/A

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
UBR	e P*	08:22:22.5		T		55.6	349.0	ML 2.1
	e Pg +	08:22:21.3	0.0	T				
	e Sg	08:22:28.6	0.8	T				
GUT	e Pn	08:22:33.3	-0.1	T		129.7	319.5	ML 2.4
	e Pg	08:22:33.9	0.1	T				
	e Sg	08:22:49.1	0.2	T				
HDH	e Pn	08:22:36.6	0.1	T		155.1	358.8	ML 2.3
	e Sg	08:22:56.9	0.8	T				
BUCH	e Pn	08:22:36.2	-0.3	T		155.2	334.8	ML 2.2
	e Pg -	08:22:37.6	-0.4	T				
	e Sn	08:22:54.4	0.3	T				
	e Sg	08:22:56.3	0.1	T				
KIZ	e Pg	08:22:44.2	-0.5	T		194.6	296.8	ML 2.5
	e Sg	08:23:06.1	-1.3	T				
SIND	e Pg	08:22:52.9	-0.3	T		244.7	349.0	ML 2.3

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/29	15:18:14.0		47.140N	10.181E				10					2.8ML		NEIC	
2003/01/29	15:18:17.8	+ - 0.45	47.364N	10.103E	9.0	7.9	26	10G		15	10	177	3.1ML		LDG	L
2003/01/29	15:18:14.7		47.200N	10.200E				10					2.7ML		SED	
2003/01/29	15:18:14.2	+ - 0.80	47.180N	10.290E	7.0	6.0	91	10G		20	8	296	2.6ML		LED	L
2003/01/29	15:18:18.9	+ - 1.81	47.490N	10.180E	42.3	6.7	12	10G		6	5	246	2.3ML	BFO	BGR	L
2003/01/29	15:18:14.9	+ - 0.54	47.240N	10.130E	8.9	4.4	173	10G		13	8	192	2.6ML		SZGRF	L

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
DAVA	e Pg	15:18:18.3	-0.4	T		19.5	285.5	
	e Sg	15:18:21.1	-0.1	T				
UBR	e P*	15:18:25.5				49.0	358.1	ML 2.6
	e Pg	15:18:23.9	0.5					
	e Sg	15:18:31.6	2.4					
OGA	e Pg	15:18:27.9	-0.6			79.5	121.1	
GUT	e Pn	15:18:36.2	0.8			119.6	320.9	ML 2.6
	e Pg	15:18:36.7	1.5					
	e Sg	15:18:52.0	2.8					
SCE	e Pg	15:18:33.9	-1.7			121.6	100.0	
FUR	e Pn	15:18:38.4	1.3			133.7	39.4	ML 3.2
	e Pg	15:18:38.4	0.8					
	e Sg	15:18:55.0	1.8					
SPAK	e Pg	15:18:39.7	1.2			139.0	314.1	

BUCH	e	Sg		15:18:57.8	3.0														
	e	Pn -		15:18:39.5	0.8					146.5	337.0			ML	2.6				
	e	Pg -		15:18:40.5	0.7														
		Sn		15:18:57.4	1.9														
	e	Sg		15:18:59.3	2.4														
HDH	e	Pn		15:18:39.3	0.3					149.6	2.2			ML	2.8				
	e	Pg		15:18:40.7	0.4														
	e	Sg		15:19:00.0	2.3														
FELD	e	Pn		15:18:43.4	1.3					174.5	294.7								
	e	Sg		15:19:06.7	1.8														
BFO	e	Pn	Z	15:18:45.0	2.1					181.1	312.7			ML	2.4				
	e	Pg	Z	15:18:46.0	0.3														
	e	Sg	N	15:19:07.7	1.0														
KIZ		Pn		15:18:45.1	1.8					184.0	296.5			ML	2.9				
	e	Sg		15:19:09.0	1.4														
LBG	e	Pn +		15:18:44.6	1.0					187.0	328.4			ML	2.6				
	e	Pg		15:18:46.9	0.2														
	e	Sn		15:19:05.4	1.3														
	e	Sg		15:19:10.4	2.0														
MOF	e	Sg		15:19:24.4	2.2					235.0	287.9								
SIND	e	Pn +		15:18:50.1	0.3					237.7	350.8			ML	2.6				
	e	Pg		15:18:55.5	0.3														
		Sn		15:19:16.2	1.5														
	e	Sg		15:19:23.1	0.2														
KBA	e	Sg	N	15:19:25.5	0.9					243.7	93.0			ML	2.6				
WLS	e	Sg		15:19:25.7	0.7					244.8	303.2								
ECH	e	Sg		15:19:26.2	0.6					247.3	297.1								
GRA1	e	Sg	N	15:19:37.7	1.5					284.3	16.0			ML	2.9				
WET	e	Pn	Z	15:18:57.0	0.4					293.8	42.9			ML	2.6				
	e	Sn	E	15:19:29.3	2.6														
	e	Sg	N	15:19:37.7	-1.2														
GEC2	e	Pn	Z	15:19:01.2	1.4					319.9	54.8								
	e	Sn	N	15:19:36.6	4.5														
THEF	e	Sg		15:19:50.0	1.3					328.2	291.1								
TNS	e	(Pn)	Z	15:19:05.6	1.6					353.8	340.2								
BRG	e	Sg		15:20:35.8	0.8					490.1	33.1								
CLL	e	Sg		15:20:37.0	-0.2					497.9	23.7								

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/29	18:37:59.9	+/- 0.23	47.374N	10.121E	4.7	4.4	141	10G		19	13	164	3.0ML		LDG	L
2003/01/29	18:37:55.5	+/- 1.00	47.180N	10.290E	12.0	7.0	86	10G		18	8	297	2.5ML		LED	L
2003/01/29	18:37:57.8	+/- 1.04	47.130N	10.280E	17.8	7.8	167	10G		7	4	261	2.4ML	BFO	BGR	L
2003/01/29	18:37:56.9	+/- 0.51	47.230N	10.090E	10.0	4.4	5	10G		13	8	199	2.7ML		SZGRF	L

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
DAVA	e Pg	Z 18:37:59.8	-0.5	T		17.0	291.8	
	e Sg	E 18:38:02.6	0.1	T				
UBR	e Pg +	18:38:05.6	0.0			50.1	1.5	ML 2.5
	e Sg	18:38:13.1	1.6					
OGA	e Pg	18:38:09.5	-1.3			81.5	119.3	
WTTA	e Pg	Z 18:38:18.2	1.4	T		116.8	87.6	
GUT	e Pn	18:38:17.0	-0.2			118.6	322.4	ML 2.5
	e Pg	18:38:18.2	1.1					
	e Sg	18:38:33.6	2.7					

SCE	e	Pg		18:38:15.5	-2.6					124.4	99.3		ML	2.1
FUR	e	Pg	Z	18:38:20.3	0.2			T		136.5	40.1		ML	3.1
	e	Sg	E	18:38:36.5	0.5			T						
SPAK	e	Pg		18:38:20.7	0.4					137.6	315.3			
	e	Sg		18:38:39.1	2.8									
BUCH	e	Pn	+	18:38:21.1	0.5					146.3	338.2		ML	2.5
	e	Pg	-	18:38:22.1	0.3									
	e	Sg		18:38:40.8	1.9									
HDH		Pn		18:38:21.1	-0.1					150.8	3.3		ML	2.6
	e	Pg		18:38:21.9	-0.6									
	e	Sg		18:38:41.6	1.5									
FELD	e	Sg		18:38:48.1	1.9					172.2	295.4			
BFO	e	Pn	Z	18:38:27.8	3.1					179.6	313.6		ML	2.3
	e	Pg	Z	18:38:27.6	0.2			T						
	e	(Sn)	N	18:38:49.2	4.8									
	e	Sg	E	18:38:49.3	1.0			T						
KIZ	e	Pg		18:38:28.3	0.5					181.8	297.2		ML	2.7
	e	Sg		18:38:50.6	1.7									
LBG	e	Pn		18:38:26.2	0.7					186.3	329.3		ML	2.5
		Pg		18:38:28.7	0.2									
	e	Sn		18:38:46.9	1.0									
	e	Sg		18:38:51.6	1.4									
MOF	e	Sg		18:39:05.2	1.8					232.5	288.4			
SIND	e	Pn		18:38:31.4	-0.4					238.3	351.5		ML	2.4
	e	Pg		18:38:37.3	-0.0									
	e	Sg		18:39:04.9	-0.2									
KBA	e	Sg	N	18:39:07.1	-0.3			T		246.7	92.7			
GRA1	e	Sg	E	18:39:18.5	-0.2			T		286.2	16.5		ML	2.7
WET	e	Pn	Z	18:38:38.8	-0.2			T		296.6	43.1		ML	2.5
	e	Sn	E	18:39:11.2	1.9			T						
GEC2	e	Pn	Z	18:38:42.6	0.4			T		323.0	54.9			
	e	Sn	N	18:39:17.8	3.0			T						
THEF	e	Sg		18:39:32.6	2.6					325.8	291.4			
BRG	e	Sg		18:40:17.3	-0.4					492.7	33.3			
CLL	e	Sg		18:40:18.0	-1.8					500.1	23.9			

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/29	20:24:25.6	+- 0.34	47.377N	10.013E	7.5	3.5	49	10G		14	8	302	2.7ML		LDG	L
2003/01/29	20:24:20.4	+- 0.80	47.170N	10.190E	7.0	6.0	88	10G		14	7	297	2.2ML		LED	L
2003/01/29	20:24:20.1	+- 1.65	47.100N	10.020E	22.2	7.8	6	10G		5	3	275	2.3ML	BFO	BGR	L

Arlberg/A

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
UBR	e Pg +	20:24:30.5	-0.8			64.9	5.8	ML 2.0
	e Sg	20:24:37.9	-1.0					
GUT	e Pn	20:24:42.7	1.1			127.5	328.2	ML 2.2
	e Pg	20:24:43.8	2.0					
	e Sg	20:24:58.4	1.7					
FUR	e Pg Z	20:24:45.1	-0.7	T		151.0	38.1	ML 2.7
	e Sg E	20:25:03.0	-0.4	T				
BUCH	e Pn	20:24:45.4	0.1			158.1	341.9	ML 2.1
	e Pg	20:24:46.8	-0.3					
	e Sn	20:25:02.7	-0.5					
	e Sg	20:25:05.1	-0.3					
HDH	Pn	20:24:46.0	-0.3			165.6	4.8	ML 2.1

	e	Pg		20:24:46.9	-1.3													
	e	Sg		20:25:06.1	-1.4													
KIZ	e	Pn		20:24:53.0	4.5			184.3	301.9					ML	2.4			
	e	Sg		20:25:15.2	2.4													
BFO	e	Sg	N	20:25:13.4	-0.0			186.3	317.9					ML	2.3			
LBG		Pn		20:24:49.7	-0.3			196.4	332.7					ML	2.2			
	e	Sn		20:25:11.6	0.3													
	e	Sg		20:25:16.3	-0.0													
SIND	e	Pn		20:24:56.4	-0.3			251.9	353.2					ML	2.2			
	e	Pg		20:25:02.1	-0.7													
		Sn		20:25:23.6	0.6													
WET	e	Pn	Z	20:25:03.7	-0.2			310.9	42.0					ML	2.1			
	e	(Sn)	Z	20:25:36.2	0.7													

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2003/01/30	12:00:	5.3	+/- 0.70	51.540N	16.200E	6.7	5.6	82	1G		13	7	268	3.2ML		SZGRF	I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e	Pg	Z	12:00:34.2	-0.5	T	173.8	245.6	ML 3.0
	e	Sg	N	12:00:55.1	0.1	T			
RUE	e	Pn	Z	12:00:35.8	-0.3	T	195.6	303.1	ML 3.0
	e	Sg	N	12:01:01.5	0.4	T			
CLL	e	Pn	Z	12:00:39.2	-0.2	T	223.2	264.6	ML 2.9
	e	Sg	N	12:01:08.9	-0.1	T			
MOX	e	Pn	Z	12:00:54.7	1.6	T	335.2	254.5	ML 3.4
	e	Sg	N	12:01:41.9	0.8	T			
GEC2	e	Pn	Z	12:00:56.6	1.9	T	348.4	211.7	ML 3.2
	e	Sg	E	12:01:44.1	-0.7	T			
WET	e	Pn	Z	12:00:56.8	1.2	T	355.7	222.8	
GRA1	e	Pn	Z	12:01:03.4	1.6	T	406.8	241.6	ML 3.5
	e	Sg	E	12:02:02.2	0.7	T			

Unassociated arrivals

Sta	Phase		Date	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e	Sg	2003/01/01	16:48:24.2						
BRG	e	Sg	2003/01/03	05:10:21.5						
OGA	i	Pg +	2003/01/03	14:07:37.8						
OGA	i	Sg	2003/01/03	14:07:43.2						
BRG	e	Sg	2003/01/03	15:05:10.0						
SCE	i	Pg +	2003/01/03	15:15:30.1						
SCE	i	Sg	2003/01/03	15:15:42.7						
OGA	i	Pg +	2003/01/03	15:15:22.5						
OGA	i	Sg	2003/01/03	15:15:27.9						
BRG	e	Sg	2003/01/03	21:15:43.9						

BRG	e	Sg	2003/01/05	12:27:48.9	
BRG	e	Sg	2003/01/05	13:18:43.8	
BRG	e	Sg	2003/01/05	20:54:50.3	
BRG	e	Sg	2003/01/06	17:22:59.3	
BRG	e	Pg	2003/01/07	04:19:36.7	
BRG	e	Sg	2003/01/07	17:09:21.0	
BRG	e	Sg	2003/01/08	20:43:58.1	
BRG	e	Sg	2003/01/09	21:51:42.4	
BRG	e	Sg	2003/01/11	14:52:36.2	
BRG	e	Sg	2003/01/11	16:44:09.0	
SCE	i	Pg +	2003/01/13	02:23:37.7	
SCE	i	Sg	2003/01/13	02:23:41.5	ML 1.9
OGA	i	Pg +	2003/01/13	02:23:40.2	
OGA	i	Sg	2003/01/13	02:23:45.2	
BRG	e	Sg	2003/01/13	04:11:17.3	
BRG	e	Sg	2003/01/13	04:25:36.0	
BRG	e	Sg	2003/01/15	00:07:29.3	
BRG	e	Sg	2003/01/15	02:56:50.6	
BRG	e	Sg	2003/01/15	12:22:22.0	
BRG	e	Pg	2003/01/15	17:12:02.1	
BRG	e	Sg	2003/01/16	02:41:43.3	
BRG	e	Sg	2003/01/16	17:05:52.5	
SCE	i	Pg +	2003/01/16	19:00:54.2	
SCE	e	Sg	2003/01/16	19:01:09.8	ML 1.7
BRG	e	Sg	2003/01/17	03:57:10.6	
GEC2	e	Pg	2003/01/17	14:06:30.4	
GEC2	e	Sg	2003/01/17	14:06:48.4	
BRG	e	Sg	2003/01/17	18:26:20.7	
CLL	e	Sg	2003/01/17	19:50:23.0	
BRG	e	Sg	2003/01/18	15:20:36.8	
BRG	e	Sg	2003/01/19	05:10:42.0	
BRG	e	Sg	2003/01/20	01:28:10.3	

GEC2	e	Pg	2003/01/20	08:53:28.2
GEC2	e	Sg	2003/01/20	08:53:46.9
BRG	e	Sg	2003/01/20	09:24:34.6
BRG	e	Sg	2003/01/20	12:43:30.1
BRG	e	Sg	2003/01/20	16:15:43.2
BRG	e	Sg	2003/01/20	16:46:03.4
BRG	e	Sg	2003/01/20	21:17:29.6
BRG	e	Sg	2003/01/21	03:44:36.4
BUG	e	Pg	2003/01/21	10:21:20.3
BUG	e	Sg	2003/01/21	10:21:30.4
TNS	e	Pg	2003/01/21	10:21:42.5
TNS	e	Sg	2003/01/21	10:21:56.6
BRG	e	Sg	2003/01/21	20:11:14.7
MOX	e	Pg	2003/01/21	23:29:04.9
MOX	e	Sg	2003/01/21	23:29:10.0
BRG	e	Pg	2003/01/21	23:29:22.0
BRG	e	Sg	2003/01/21	23:29:35.8
CLL	e	Pg	2003/01/21	23:29:17.0
CLL	i	Sg	2003/01/21	23:29:29.8
BRG	e	Sg	2003/01/22	15:38:28.8
BRG	e	Sg	2003/01/22	21:17:59.0
BRG	e	Sg	2003/01/23	04:13:55.2
BFO	e	Pg	2003/01/23	13:11:51.0
STU	e	Sg	2003/01/23	13:11:51.8
BFO	e	Sg	2003/01/23	13:11:58.1
TNS	e	Pg	2003/01/23	13:12:05.0
TNS	e	Sg	2003/01/23	13:12:21.3
GRFO	e	Sg	2003/01/23	13:12:35.8
MOX	e	Sg	2003/01/23	13:13:02.7
WET	e	Sg	2003/01/23	13:13:08.2
BRG	e	Sg	2003/01/24	10:38:41.0
BRG	e	Sg	2003/01/24	19:05:27.5
BRG	e	Sg	2003/01/24	22:06:22.3
BRG	e	Sg	2003/01/25	03:27:46.6
BRG	e	Sg	2003/01/25	08:02:54.1
BRG	e	Sg	2003/01/25	12:01:16.3
BRG	e	Sg	2003/01/25	15:49:28.1

ML 1.7

BRG	e	Sg	2003/01/25 18:55:48.8
BRG	e	Sg	2003/01/26 03:23:09.0
BRG	e	Sg	2003/01/27 01:02:44.1
BRG	e	Sg	2003/01/27 17:25:18.5
BRG	e	Sg	2003/01/28 16:49:22.5
BRG	e	Sg	2003/01/29 00:40:17.0
BRG	e	Sg	2003/01/29 14:02:24.5
OGA	i	Pg +	2003/01/29 15:02:53.6
BRG	e	Sg	2003/01/29 17:30:20.2
BRG	e	Sg	2003/01/29 19:32:43.5
BRG	e	Sg	2003/01/29 22:54:53.7
BRG	e	Sg	2003/01/30 18:56:30.3
BRG	e	Sg	2003/01/31 03:58:40.5
BRG	e	Sg	2003/01/31 08:43:54.7
BRG	e	Sg	2003/01/31 08:55:16.7