

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/01	05:06:09.7	+ - 0.40	49.220N	9.730E	4.4	4.4	154	0G		8	5	94	2.0ML	TNS	BGR	B?

Kuenzelsau, N of Schwaebisch Hall

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
GRFO	e Pg	N	05:06:30.1	0.1	T		119.8	63.5	ML 1.6
	e Sg	E	05:06:44.7	0.8	T	3.3			
BFO	e Sg	E	05:06:50.0	-0.4	T	3.0	142.6	226.6	
	TNS	e Pg	Z	05:06:34.4	0.2	T	1.7	144.7	320.9
	e Sg	N	05:06:51.6	0.6	T	5.7			
FUR	e Sg	N	05:06:56.6	0.3	T	2.2	163.3	135.4	ML 2.5
MOX	e Sn	N	05:07:05.0	-0.2	T	1.0	208.1	39.7	
	e Sg	N	05:07:08.6	-0.5	T	2.2			

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/01	21:59:42.3		48.323N	8.912E				5G			12		2.5ML	STR	NEIC	
1997/04/01	21:59:44.7		48.213N	8.887E	30.3	30.3	0	10	+ - 10.2	8	8		2.0ML		SED	
1997/04/01	21:59:41.9	+ - 0.43	48.390N	8.990E	7.8	4.4	169	10G		9	6	164	2.1ML		SZGRF	L
1997/04/01	21:59:41.8	+ - 0.40	48.380N	9.020E	5.6	3.3	174	0G		12	7	166	2.1ML	GRFO	BGR	L
1997/04/01	21:59:41.6	+ - 0.09	48.358N	9.008E	1.0	0.8	340	9	+ - 1.0	43	20	63	2.1ML		LEDBW	L

Intensity = III (MSK) in the area of Hechingen.

Ebingen/Swabian Jura

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
MSG	i Pg	+	21:59:43.5	0.1	T		5.0	23.8	
	i Sg		21:59:44.9	0.2	T				
ENG	i Pg	-	21:59:44.2	0.1	T		11.2	243.2	
	i Sg		21:59:46.1	0.3	T				
BHB	i Pg	+	21:59:44.4	0.2	T		12.3	181.3	
	i Sg		21:59:46.5	0.5	T				
HSN	i Pg	+	21:59:44.8	0.2	T		15.0	113.5	
	i Sg		21:59:47.0	0.3	T				
SGW	i Pg	-	21:59:47.4	0.1	T		31.9	151.2	ML 1.8
	i Sg		21:59:51.5	0.4	T				
LBG	e Pg		21:59:48.3	0.2	T		37.5	335.3	ML 1.4
	e Sg		21:59:53.0	0.3	T				
BEU	i Pg	+	21:59:48.6	0.2	T		39.1	49.9	ML 2.0
	e Sg		21:59:53.5	0.4	T				
BFO	i Pg	+	21:59:50.3	0.0	T		50.2	266.7	ML 1.4
	i Sg		21:59:56.4	0.2	T				
HEX	i Pg	+	21:59:54.2	0.0	T		73.8	239.8	
	e PmP		21:59:55.5	-1.3	T				
	e Sg		22:00:02.8	-0.1	T				
FELD	i Pn	-	21:59:57.3	-1.5	T		91.8	234.7	

KIZ	e	Pn	+	21:59:57.3	-1.5	T		92.4	241.5	ML	2.1
	i	Sg		22:00:07.9	-0.2	T					
LIBD	e	Pg		21:59:59.5	-0.2	T		106.5	258.0		
UBR	e	Pg	+	22:00:01.4	0.9	T		111.2	132.2	ML	2.1
	e	SmS		22:00:16.1	-0.4	T					
SOL	e	Pn	+	22:00:00.2	-1.5	T		115.5	223.7		
	e	Pg	-	22:00:01.5	0.2	T					
	e	Sn		22:00:14.5	-1.2	T					
	i	Sg		22:00:15.6	0.9	T					
BAW	e	Pn	+	22:00:00.2	-1.6	T		116.8	238.4		
	i	Pg	-	22:00:01.7	0.2	T					
	e	Sn		22:00:14.4	-1.6	T					
	i	Sg		22:00:15.9	0.9	T					
END	e	Pn	+	22:00:00.4	-1.6	T		118.5	233.3		
	i	Pg	+	22:00:01.9	0.1	T					
	e	Sn		22:00:14.8	-1.6	T					
	e	Sg		22:00:16.0	0.5	T					
HOL	e	Pg		22:00:03.6	0.4	T		127.0	27.2	ML	2.5
	e	Sn		22:00:17.4	-0.8	T					
WYH	e	Pg		22:00:04.0	-0.1	T		132.4	227.8		
	e	Sg		22:00:19.5	-0.0	T					
TOD	i	Sg		22:00:21.8	0.3	T		139.5	353.9		
BBS	e	Pg		22:00:07.2	0.2			149.5	228.9		
FUR	e	Pg	Z	22:00:10.9	0.6		2.4	169.2	96.5	ML	2.4
	e	Sg	N	22:00:30.8	0.8		4.6				
TNS	e	Sg	N	22:00:42.5	0.4		3.4	211.3	349.1	ML	2.1
GRFO	e	Pg	Z	22:00:18.7	-0.1		2.7	219.0	46.6	ML	2.1
	e	Sg	N	22:00:42.8	-1.4		11.8				
GRA1	e	Pg	Z	22:00:18.8	-0.0			219.2	46.6	ML	2.2
	e	Sg	E	22:00:43.4	-0.9						
WET	e	Pg	Z	22:00:31.9	-0.1		2.2	296.8	71.4	ML	2.4
	e	Sg	E	22:01:06.2	-0.3		7.2				
MOX	e	Sg	N	22:01:11.4	-0.7		3.2	316.3	35.5	ML	2.2
GEC2	e	Pg	Z	22:00:40.4	-0.5		1.3	349.3	79.3		
	e	Sg	E	22:01:21.9	0.4		3.5				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/04	04:07:43.2	+- 0.20	51.407N	6.870E	6.3	5.6	63	2	+- 0.0	27	12		3.0ML		LDG	L
1997/04/04	04:07:44.5	+- 0.51	51.500N	6.900E	7.8	4.4	121	0G		10	5	189	2.3ML		SZGRF	I
1997/04/04	04:07:43.6	+- 0.47	51.490N	6.910E	6.7	4.4	118	0G		15	8	188	2.3ML	GSH	BGR	I?
1997/04/04	04:07:42.7		51.531N	6.917E				1G					2.0ML		RUB	I

Duisburg, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg + Z	04:07:48.0	0.8	TA		26.4	112.3	ML 2.0
	e Sg E	04:07:52.6	2.4		49.5			

GSH	e	Pg	Z	04:07:58.5	-0.4		7.1	96.0	203.3	ML	2.3						
	e	Sg	E	04:08:10.9	0.7		27.8										
IBBN	e	Pg	E	04:08:01.8	1.5		3.0	103.7	33.4	ML	2.4						
	e	Sg	N	04:08:15.0	2.7		6.7										
TNS	e	Pn	Z	04:08:12.5	0.8		2.1	180.8	143.0	ML	2.6						
	e	Pg	Z	04:08:12.6	-0.8												
	e	Sn	+	04:08:32.9	0.6												
	e	Sg	N	04:08:33.5	-0.8		19.7										
CLZ	e	Pn	Z	04:08:18.9	-0.0		1.2	240.6	80.4	ML	2.4						
	e	Pg	Z	04:08:23.7	0.2		3.6										
	e	Sg	E	04:08:51.8	0.3		5.0										
MOX	e	Sg	E	04:09:23.1	2.5		3.0	342.5	104.9								
GRFO	e	Sg	N	04:09:26.2	-1.1		2.5	366.0	122.3								
BFO	e	Sn	E	04:09:12.3	0.1		2.3	370.0	163.6								
	e	Sg	E	04:09:28.6	0.1		4.1										

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/05	11:43:35.1	+/- 0.20	47.778N	8.505E	11.4	7.6	94	2	+/- 0.0	11	6		2.5ML		LDG	L
1997/04/05	11:43:34.3		47.829N	8.484E				6		17	14		1.9ML		SED	
1997/04/05	11:43:36.1	+/- 1.68	47.840N	8.540E	17.8	7.8	8	0G		6	3	301	1.4ML	BFO	BGR	L?

Donaueschingen/Eastern Black Forest

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z 11:43:45.7	0.0	T	5.5	56.7	344.1	ML 1.4
	e Sg	N 11:43:52.1	-0.1	T	31.6			
TNS	e Pn	Z 11:44:15.3	-0.2	T	1.3	265.0	358.6	
	e Sn	N 11:44:43.3	-0.3	T	1.5			
GRFO	e Sn	E 11:44:47.4	-0.3	T	1.7	284.5	42.7	
	e Sg	E 11:44:57.6	0.2	T	3.1			

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/07	06:16:09.0	+/- 1.28	50.720N	6.230E	13.3	8.9	76	5G		7	4	293	2.0ML		SZGRF	L
1997/04/07	06:16:08.6	+/- 1.26	50.720N	6.280E	13.3	4.4	87	6	+/- 8.9	10	6	239	2.2ML	BUG	BGR	B?

Aachen, Dutch-German border region

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
GSH	e Pg	Z 06:16:10.5	0.4	T	13.3	7.1	74.5	ML 1.9
	e Sg	E 06:16:12.4	1.2	T	450.0			
BUG	e Pg	Z 06:16:26.5	-0.1	T	2.7	105.8	40.4	ML 2.2
	e Sg	E 06:16:39.5	0.7	T	6.1			
TNS	e Pg	Z 06:16:37.2	1.0	T	2.0	163.0	109.0	ML 1.9
	e Sg	N 06:16:55.7	0.6	T	3.6			

IBBN	e	Sg	N	06:17:07.2	0.4	T	2.0	203.9	29.5	ML	2.4
BFO	e	Sg	E	06:17:35.2	-0.2	T	2.3	304.1	150.1		
CLZ	e	Pg	Z	06:17:00.8	-0.4	T	1.4	310.7	64.8	ML	2.4
	e	Sg	N	06:17:37.1	-0.2	T	3.1				

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/07	12:11:45.8	+-	0.40	51.680N	7.920E	6.7	4.4	152	1G		9	5	111	2.4ML		SZGRF	I
1997/04/07	12:11:44.5	+-	0.32	51.670N	7.920E	3.3	3.3	149	0G		11	6	110	2.4ML	CLZ	BGR	I?
1997/04/07	12:11:43.1			51.698N	7.863E				1G					2.3ML		RUB	I

Hamm/Westfalen, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg - Z	12:11:53.1	1.5	TA		50.0	235.3	ML 2.3
	e Sg N	12:11:59.9	2.5		12.1			
IBBN	e Pg Z	12:11:56.9	2.3		4.0	68.1	353.9	ML 2.4
	e Sg N	12:12:05.0	2.4		8.0			
GSH	e Pg Z	12:12:09.3	1.0		9.2	148.7	224.7	ML 2.5
	e Sg N	12:12:26.8	1.2		9.1			
TNS	e Pn Z	12:12:11.3	0.6		1.4	169.1	165.8	ML 2.3
	e Pg Z	12:12:13.1	1.3					
	e Sg N	12:12:32.5	1.0		9.7			
CLZ	e Pn Z	12:12:12.2	1.0		2.3	173.4	83.7	ML 2.4
	e Pg Z	12:12:13.0	0.5					
	e Sg E	12:12:33.2	0.6		15.4			
MOX	e Sg E	12:13:05.0	0.0		2.7	286.6	112.6	ML 2.6

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/08	09:58:51.3	+-	0.41	51.320N	10.460E	5.6	4.4	72	0G		7	5	124	2.1ML	CLL	BGR	I?

Muehlhausen, Bleicherode

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
CLZ	e Pg Z	09:59:01.9	0.6	T	3.2	58.3	354.1	ML 1.6
	e Sg N	09:59:08.0	0.0	T	5.0			
MOX	e Pg Z	09:59:10.7	0.7	T	1.7	110.4	132.4	ML 1.7
	e Sg E	09:59:23.4	0.6	T	5.3			
CLL	e Sg E	09:59:40.7	-1.1	T	4.6	176.7	89.5	ML 2.1
TNS	e Sg N	09:59:44.0	-0.7	T	2.3	186.9	230.0	ML 1.9
GRFO	e Sg E	09:59:45.8	0.4	T	2.7	189.0	163.2	ML 2.2

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/08	10:51:34.7	+- 0.36	50.740N	7.980E	6.7	4.4	23	0G		8	5	120	2.0ML	GSH	BGR	B?

Betzdorf/Westerwald, SW of Siegen

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
TNS	e Pg	Z 10:51:46.4	0.5	T	5.2	66.4	149.9	ML 1.6
	e Sg	N 10:51:54.3	0.7	T	5.5			
BUG	e Pg	Z 10:51:52.3	2.0	T	1.4	92.4	327.8	ML 1.9
	e Sg	N 10:52:01.7	0.7	T	1.7			
GSH	e Pg	Z 10:51:53.2	-0.6	T	3.3	112.8	270.5	ML 2.0
	e Sg	N 10:52:05.7	-1.2	T	3.7			
CLZ	e Sg	N 10:52:33.0	-0.7	T	2.1	206.6	52.7	
MOX	e Sg	Z 10:52:47.4	-0.5	T	3.8	256.3	91.0	ML 2.2

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/11	06:38:29.3	+- 0.31	49.640N	11.400E	5.6	3.3	22	0G		12	8	121	2.1ML	BRG	BGR	B?

Pegnitz, S of Bayreuth

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
GRFO	e Pg	Z 06:38:32.2	0.4	T	12.4	14.1	293.7	
	e Sg	N 06:38:34.7	1.3	T	214.0			
MOX	e Pg	Z 06:38:46.7	-1.7	T	1.6	112.8	7.7	ML 1.7
	e Sg	Z 06:39:03.5	2.0	T	4.8			
WET	e Pg	Z 06:38:50.7	1.0	T	1.5	120.4	116.7	ML 1.8
	e Sg	E 06:39:04.5	0.7	T	4.0			
GEC2	e Pg	Z 06:39:00.1	-1.3	T	1.3	189.0	117.0	
	e Sg	N 06:39:23.5	0.2	T	5.1			
TNS	e Sg	N 06:39:31.1	-1.4	T	2.8	221.0	288.2	ML 2.3
BRG	e Sg	N 06:39:34.4	0.3	T	2.1	226.9	51.8	ML 2.1
CLZ	e Sg	E 06:39:41.6	-0.6	T	2.4	255.2	343.9	ML 2.0
BFO	e Sg	Z 06:39:46.1	0.4	T	3.5	267.2	238.1	ML 2.2

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/14	10:03:03.4		47.306N	10.857E				5G			10		2.2ML	VIE	NEIC	
1997/04/14	10:03:03.2		47.362N	10.809E	3.8	3.8	0	10	+- 3.0	18	15		2.3ML		SED	
1997/04/14	10:03:02.7	+- 0.95	47.380N	10.850E	10.0	4.4	165	0G		12	7	263	2.2ML	BFO	BGR	B

Imst/A, Western Mieminger Mountains

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
OGA	i Pg	- 10:03:13.1	0.5			58.5	166.8	
BFO	e Pg	Z 10:03:39.0	-0.3	T	2.5	215.7	300.3	ML 2.2
	e Sg	E 10:04:03.0	-1.3	T	5.4			

WET	e	Pn	Z	10:03:40.3	0.3	T	1.5	247.0	36.7	ML	2.2
	e	Pg	Z	10:03:44.5	-0.1	T	2.2				
	e	Sg	E	10:04:13.0	-0.3	T	6.8				
GRFO	e	Sg	N	10:04:16.6	0.0	T	3.5	258.4	5.9	ML	2.5
TNS	e	Sn	N	10:04:31.9	1.2	T	1.4	361.7	331.8		
	e	Sg	N	10:04:46.5	0.5	T	1.2				
MOX	e	Sn	E	10:04:32.2	0.2	T	1.6	367.3	8.5	ML	2.8
	e	Sg	E	10:04:46.8	-0.8	T	3.9				
BRG	e	Sg	E	10:05:10.3	-0.7	T	1.2	448.8	28.9		
CLL	e	Sg	N	10:05:15.3	0.1	T	1.3	463.7	18.8		

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/14	10:03:22.2	+-	0.72	50.390N	7.370E	13.3	5.6	31	0G		4	3	195	2.1ML	BUG	BGR	B?

Koblenz/Middle Rhine Area

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag	
TNS	e	Pg	Z	10:03:36.1	0.6	T	1.4	78.7	103.3	ML 1.9
	e	Sg	N	10:03:44.3	-0.4	T	5.9			
GSH	e	Sg	N	10:03:45.0	-0.1	T	3.2	80.0	299.2	ML 1.6
BUG	e	Sg	N	10:03:55.9	0.3	T	3.3	117.0	356.6	ML 2.1

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/14	14:29:29.5	+-	0.33	49.890N	9.610E	5.6	4.4	154	0G		10	5	108	2.0ML	MOX	BGR	B?

Lohr/Main, E of Aschaffenburg

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag	
TNS	e	Pg	Z	14:29:43.0	-1.9	T	1.8	90.9	294.4	ML 1.7
	e	Sg	N	14:29:56.9	1.4	T	6.9			
GRFO	e	Pg	Z	14:29:49.5	0.0	T	1.3	117.7	100.2	ML 1.8
	e	Sg	N	14:30:04.2	1.1	T	4.8			
MOX	e	Pg	Z	14:29:56.5	-1.1	T	1.5	165.4	58.7	ML 2.0
	e	Sg	E	14:30:16.0	-0.8	T	5.9			
BFO	e	Pg	Z	14:30:04.3	1.4	T	2.5	196.9	208.7	ML 1.9
	e	Sg	E	14:30:25.0	-0.8	T	4.4			
CLZ	e	Pg	Z	14:30:08.6	1.2	T	1.8	223.5	13.6	ML 2.1
	e	Sg	N	14:30:33.2	-0.1	T	2.9			

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/16	10:26:20.4	+-	0.47	51.900N	9.340E	8.9	4.4	175	0G		7	5	161	2.1ML	IBBN	BGR	B?

Holzminden

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
CLZ	e Pg	Z	10:26:31.6	-0.9	T	4.7	71.2	94.8	ML 1.6
	e Sg	E	10:26:41.0	0.3	T	9.3			
IBBN	e Sg	N	10:26:55.0	1.1	T	1.8	117.2	293.3	ML 2.1
BUG	e Sg	E	10:27:03.1	-0.7	T	3.6	151.6	251.1	ML 2.3
TNS	e Pn	Z	10:26:52.2	0.7	T	1.9	196.7	198.8	ML 1.9
	e Sg	E	10:27:17.6	1.0	T	2.4			
GSH	e Sg	E	10:27:28.5	-1.3	T	2.9	243.1	239.0	ML 2.4

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/17	09:47:08.2		47.551N	8.170E				0G		11	11		2.2ML		SED	B?

Laufenburg, N of Brugg/CH, Swiss-German border region

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/17	19:06:34.7	+- 0.32	50.130N	8.620E	5.6	4.4	18	10G		10	5	123	1.8ML		SZGRF	L
1997/04/17	19:06:34.5	+- 0.29	50.100N	8.690E	5.6	4.4	16	5G		17	9	106	2.0ML	MOX	BGR	L
1997/04/17	19:06:34.8		50.110N	8.630E				9					2.0ML		IGF	

Frankfurt/M-West

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
TNS	i Pg	-	19:06:38.5	0.3			18.0	313.9	ML 1.1
	i Sg		19:06:41.1	0.5					
GSH	e Pg	Z	19:07:02.3	-2.0			174.2	294.5	ML 2.0
	e Sn	N	19:07:21.5	0.1		3.8			
	e Sg	N	19:07:23.9	-0.7					
GRFO	e Sg	N	19:07:28.8	-0.7		6.2	191.3	103.1	ML 2.1
GRA1	e Pg	Z	19:07:07.5	0.2			191.4	103.1	ML 2.2
	e Sg	E	19:07:29.0	-0.5					
BFO	e Pg	Z	19:07:08.6	0.1		1.7	199.1	186.4	ML 1.7
	e Sg	N	19:07:30.8	-1.0		5.0			
MOX	e Pn	Z	19:07:06.3	-1.3		1.4	219.9	73.2	ML 2.0
	e Pg	Z	19:07:10.9	-1.2		3.3			
	e Sg	Z	19:07:35.8	-1.8		5.2			
CLZ	e Pg	Z	19:07:12.8	-0.7		3.7	227.9	31.7	ML 2.2
	e Sn	N	19:07:34.0	1.2		3.1			
	e Sg	N	19:07:41.0	1.0		6.4			
WET	e Pn	Z	19:07:22.7	2.4		1.6	324.2	107.7	ML 2.2
	e Sg	N	19:08:04.2	-3.3		4.7			
BRG	e Sg	N	19:08:21.7	-3.2		2.9	385.2	75.2	ML 2.5
GEC2	e Pn	Z	19:07:30.4	1.8		1.3	392.4	109.1	
	e Sg	N	19:08:25.7	-1.3		3.0			

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/20	07:25:20.7	+- 0.60	50.090N	8.600E	7.0	2.0	33	4	+- 3.0	17	10	238	2.5ML		LEDBW	L
1997/04/20	07:25:20.4	+- 0.23	50.110N	8.660E	4.4	3.3	25	2		24	13	107	2.3ML		SZGRF	L
1997/04/20	07:25:20.0	+- 0.24	50.100N	8.690E	3.3	2.2	178	5G		19	9	106	2.4ML	GSH	BGR	L
1997/04/20	07:25:20.2		50.100N	8.640E				6					2.5ML		IGF	

Frankfurt/M-West

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
TNS	i Pg -	07:25:24.2	0.6			19.3	314.8	ML 1.7
	i Sg	07:25:26.7	0.7					
ROS	i Pg -	07:25:27.4	0.4			39.5	177.0	
	i PmP+	07:25:28.5	-3.0					
	i SmS	07:25:33.1	-6.2					
HEI	e Pg +	07:25:33.9	0.4			78.2	175.4	
	e Sg	07:25:43.3	0.7					
	i SmS	07:25:45.7	-1.7					
ABH	Pg	07:25:34.2	0.1			81.8	253.2	
HOL	e Sg	07:25:54.9	1.3			116.8	133.5	ML 3.0
RUP	Pn	07:25:40.9	-0.5			121.6	249.2	
LBG	e Sn	07:26:03.9	-0.6			160.1	175.9	ML 2.5
	e Sg	07:26:06.5	0.5					
GSH	e Pn Z	07:25:47.8	-0.1		1.7	175.3	294.7	ML 2.4
	e Pg Z	07:25:50.3	0.4		2.4			
	e Sn E	07:26:07.3	-0.3					
	e Sg E	07:26:11.0	0.7		4.9			
BUG	e Pn Z	07:25:49.2	1.0		2.3	177.5	327.6	ML 2.2
	e Sg N	07:26:11.7	0.8					
BEU	e Sn	07:26:07.3	-0.9			177.7	161.3	ML 2.5
	e Sg	07:26:11.8	0.8					
GRFO	e Sn E	07:26:09.8	-1.0			190.3	102.8	ML 2.3
	e Sg E	07:26:14.3	-0.3		4.8			
GRA1	e Pn Z	07:25:52.7	2.9			190.4	102.8	mb 4.4
	e Sg N	07:26:14.3	-0.3					
BFO	e Pn Z	07:25:50.5	-0.2		6.3	198.1	186.7	ML 2.2
	e Pg Z	07:25:53.9	0.1		6.4			
	e Sg E	07:26:16.9	0.1		5.7			
HDH	e Pg	07:25:54.4	-0.3			203.2	145.4	ML 2.2
	e Sg	07:26:28.1	9.8					
MOX	e Pn Z	07:25:56.4	3.1			219.5	72.8	ML 2.2
	e Pg E	07:25:56.4	-1.0		6.0			
	e Sn N	07:26:16.1	-0.9					
	e Sg N	07:26:22.1	-0.8		6.8			
SGW	e Pn	07:25:53.8	-0.3			225.6	169.1	ML 2.7
	e Pg	07:25:59.5	1.0					
	e Sn	07:26:17.0	-1.3					
	e Sg	07:26:25.1	0.4					
CLZ	e Pn Z	07:25:54.6	0.2			228.5	31.4	ML 2.5
	e Pg Z	07:25:58.6	-0.4		11.8			
	e Sg E	07:26:24.8	-0.7		1.7			

GRB1	e	Pn	Z	07:25:55.0	0.4				230.3	108.9		ML	2.9
	e	Sg	N	07:26:26.4	0.4								
KIZ	e	Pg		07:26:03.4	1.8				244.1	192.7		ML	2.4
	e	Sg		07:26:29.9	-0.1								
IBBN	e	Sg	N	07:26:31.4	-1.1	2.6			253.0	346.3		ML	2.7
FUR	e	Pg	Z	07:26:08.6	-0.5				288.3	137.3		ML	2.9
	e	Sg	E	07:26:41.9	-0.7	2.2							
UBR	e	Pn		07:26:02.6	0.7				289.6	157.7		ML	2.3
	e	Pg		07:26:10.7	1.4								
	e	Sn		07:26:34.8	2.9								
	e	Sg		07:26:44.6	1.6								
WET	e	Pn	Z	07:26:08.2	2.2	4.2			323.2	107.6		ML	2.6
	e	Sg	N	07:26:52.3	-0.3								
CLL	e	Sg	N	07:26:55.3	-0.7	4.0			335.2	64.7		ML	2.7
BRG	e	Sg	Z	07:27:09.2	-1.0	2.3			384.8	75.1		ML	2.7
GEC2	e	Pn	Z	07:26:16.1	1.8	3.8			391.3	108.9			

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/21	12:38:00.2	+- 0.34	50.540N	11.770E	4.4	3.3	66	0G		9	6	164	2.5ML	CLL	BGR	B?

Schleiz, W of Plauen

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
MOX	e	Pg	Z	12:38:02.8	-0.1	T	13.2	15.9	ML 2.0
	e	Sg	E	12:38:05.0	0.2	T	283.6		
CLL	e	Pg	Z	12:38:20.9	0.1	T	3.9	121.4	ML 2.5
	e	Sg	E	12:38:35.9	1.0	T	4.1		
BRG	e	Pn	Z	12:38:26.2	-0.3	T	3.0	157.4	75.5
	e	Sg	N	12:38:45.9	0.7	T	3.7		
WET	e	Sg	E	12:38:50.1	0.1	T	2.2	174.4	ML 2.5
CLZ	e	Sn	E	12:38:47.5	-1.1	T		174.4	ML 2.7
GEC2	e	Sg	E	12:39:06.1	-1.0	T	4.0	234.1	142.9

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/23	10:07:40.5	+- 0.37	51.400N	8.710E	4.4	4.4	149	0G		8	5	121	2.2ML	CLZ	BGR	B?

Niedermarsberg, S of Paderborn

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e	Sg	E	10:08:08.8	-0.3	T	1.8	100.0	ML 2.0
IBBN	e	Pg	Z	10:08:00.4	-0.5	T	3.1	120.3	ML 2.2
	e	Sg	E	10:08:15.7	0.8	T	2.7		
CLZ	e	Pg	Z	10:08:01.0	-0.6	T	3.7	124.8	ML 2.2
	e	Sg	E	10:08:16.6	0.5	T	5.5		

TNS	e	Pg	Z	10:08:02.4	-0.5	T	6.1	132.2	188.1	ML	2.0
	e	Sg	E	10:08:19.2	0.9	T	2.8				
GSH	e	Sg	Z	10:08:32.0	0.3	T	2.8	178.9	246.6	ML	2.3

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/23	14:19:21.0	+/- 2.00	50.700N	6.000E	29.0	19.0	33	10G		9	4	334	2.2ML		LEDBW	L
1997/04/23	14:19:23.0	+/- 1.86	50.390N	5.980E	17.8	7.8	65	0G		6	3	300	2.4ML	TNS	BGR	B
1997/04/23	14:19:24.3	+/- 2.41	50.450N	6.040E	25.6	8.9	63	10G		6	5	245	2.3ML		SZGRF	B

Blast after GSH

Monschau/Eifel, German-Belgian border region

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
GSH	e Pg Z	14:19:31.1	-0.1	T		39.8	36.6	ML 2.0
	e Sg E	14:19:36.4	0.4	T				
RUP	e Pn -	14:19:42.2	-1.4			110.5	138.4	ML 2.4
	i Pg +	14:19:43.6	0.5					
	e Sg	14:19:59.1	3.1					
ABH	e Pg +	14:19:45.0	-0.4			124.6	119.9	ML 2.1
	e Sg	14:20:01.0	1.0					
BUG	e Pg Z	14:19:48.0	0.0		1.8	139.8	37.5	ML 2.4
	e Sg N	14:20:05.0	0.7	T				
TNS	e Sn Z	14:20:11.6	1.2		2.8	172.7	97.5	ML 2.4
	e Sg N	14:20:13.8	0.1	T				
KTD	e Pg	14:19:56.5	-0.5			192.9	129.8	ML 2.2
	e Sg	14:20:19.2	-0.2					
IBBN	e Sg N	14:20:32.5	0.1	T		238.4	29.3	
BFO	e Sg E	14:20:47.2	0.5	T		288.1	144.0	
FELD	e Pn +	14:20:10.1	1.0			319.8	152.7	ML 2.1
	e Sg	14:20:57.4	1.7					
CLZ	e Sg Z	14:21:01.2	-0.1		2.1	339.4	61.2	ML 2.9

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/25	13:35:38.3	+/- 0.60	50.040N	7.660E	7.0	5.0	101	1G		10	7	289	2.3ML		LEDBW	B?

Kastellaun, S of Koblenz

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
ABH	i Pg +	13:35:41.7	0.1	T		19.4	204.6	
	i Sg	13:35:44.2	0.4	T				
RUP	e Pg -	13:35:48.2	0.2	T		57.2	229.1	
	e Sg	13:35:55.0	0.4	T				
KTD	e Pg	13:35:53.7	0.9	T		85.6	159.0	
HOL	e Sg	13:36:26.8	-0.5			171.6	114.9	ML 2.0

KIZ		Pg		13:36:17.6	-0.1	T		232.5	175.3	ML	2.3
FELD	i	Pg +		13:36:19.7	0.4	T		241.9	173.9		
	e	Sg		13:36:48.1	0.7	T					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/28	10:38:40.9	+ - 0.42	51.330N	10.440E	5.6	4.4	74	0G		7	5	125	2.1ML	CLL	BGR	I?

Muehlhausen, Bleicherode

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
CLZ	e Pg	Z 10:38:51.5	0.9	T	2.0	57.1	355.3	ML 1.7
	e Sg	E 10:38:57.3	0.1	T	9.6			
MOX	e Pg	Z 10:39:00.2	0.3	T	2.4	112.1	132.3	ML 1.7
	e Sg	E 10:39:13.6	0.7	T	5.2			
CLL	e Sg	N 10:39:31.0	-0.8	T	1.4	178.1	89.8	ML 2.1
TNS	e Sg	N 10:39:33.5	-0.8	T	2.8	186.5	229.5	ML 2.0
GRFO	e Sg	E 10:39:35.4	0.1	T	3.6	190.4	162.9	ML 2.2

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/30	04:00:44.5		47.604N	14.154E				5G			8		2.7ML	VIE	NEIC	
Intensity = IV (MSK) at Bad Mitterndorf/A																
1997/04/30	04:00:44.2	+ - 1.32	47.630N	14.250E	13.3	10.0	95	10G		8	5	320	2.9ML		SZGRF	L
1997/04/30	04:00:46.1	+ - 0.84	47.680N	14.040E	8.9	5.6	126	0	+ - 0.0	16	10	282	2.6ML	WET	BGR	L?

Eastern Totes Gebirge/A

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
GEC2	e Pg	Z 04:01:08.1	-0.3	T	26.7	131.9	349.2	
	e Sg	E 04:01:24.5	0.7	T	62.9			
WET	e Pn	Z 04:01:15.8	0.2	T	11.8	184.0	332.7	ML 2.6
	e Pg	Z 04:01:15.7	-1.6					
	e Sg	E 04:01:39.3	0.7	T	54.9			
FUR	e Sg	N 04:01:47.5	0.6	T	2.0	212.9	285.6	ML 2.7
GRFO	e Pg	Z 04:01:37.4	-0.4	T	2.7	304.6	318.3	ML 2.7
	e Sg	E 04:02:12.7	-0.4	T	5.9			
GRA1	e Pg	Z 04:01:35.7	-2.0			304.7	318.3	ML 2.8
	e Sg	N 04:02:16.4	3.3					
BRG	e Sg	E 04:02:26.4	-1.2	T	4.3	355.1	358.9	ML 2.8
MOX	e Pn	Z 04:01:38.8	0.0	T	1.4	373.8	332.8	ML 2.8
	e Sg	E 04:02:32.8	-0.1	T	6.2			
CLL	e Sg	N 04:02:43.8	0.5	T	2.8	410.3	349.9	ML 3.2
BFO	e Pn	Z 04:01:44.8	-0.9	T	1.9	430.8	281.8	
	e Sg	N 04:02:48.4	-0.8	T	3.6			
TNS	e Pn	Z 04:01:54.0	0.3	T	2.3	496.5	306.8	
	e Sn	E 04:02:44.9	2.3	T	1.9			

CLZ e Sg N 04:03:17.8 -0.4 T 2.1 532.3 331.7

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1997/04/30	09:15:01.3	+ - 0.38	51.340N	10.450E	4.4	4.4	74	0G		8	5	125	2.1ML	CLL	BGR	I?

Muehlhausen, Bleicherode

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
CLZ	e Pg	Z	09:15:11.1	0.3	T	2.7	56.0	354.5	ML 1.6
	e Sg	E	09:15:17.5	0.2	T	10.4			
MOX	e Pg	Z	09:15:20.4	0.1	T	1.5	112.4	133.0	ML 1.8
	e Sg	N	09:15:34.6	1.2	T	10.5			
CLL	e Sg	E	09:15:51.2	-0.8	T	2.0	177.4	90.2	ML 2.1
TNS	e Pg	Z	09:15:32.7	-0.4	T	1.6	187.8	229.3	ML 2.1
	e Sg	N	09:15:55.1	0.2	T	2.3			
GRFO	e Sg	N	09:15:55.6	-0.3	T	4.8	191.3	163.2	ML 2.2

Unassociated arrivals

Sta	Phase	Date	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg	1997/04/09	12:00:50.9						
BRG	e Sg	1997/04/09	12:01:22.5						
MOX	e Pg	1997/04/11	15:50:46.6						
MOX	i Sg	1997/04/11	15:50:48.8						
OGA	i Pg -	1997/04/12	20:53:47.1						
GRA1	e (Pg)	1997/04/15	01:43:51.3						
BRG	e Pg	1997/04/26	15:55:31.2						
MOX	e Pg	1997/04/27	06:37:54.7						
MOX	i Sg	1997/04/27	06:38:34.6						
MOX	i Pg	1997/04/27	19:12:51.1						
BRG	e Sg	1997/04/30	00:26:33.1						
BRG	e Sg	1997/04/30	04:37:20.3						
BRG	i Sg	1997/04/30	16:11:23.1						
BRG	i Sg	1997/04/30	17:13:59.5						