

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/02	14:40:01.4	+ - 1.18	51.376N	14.335E	14.9	10.4	85	0G		10	5	116	3.4ML		PIDC	
1998/02/02	14:39:58.4		51.512N	14.406E				5G				8			NEIC	
<b>1998/02/02</b>	<b>14:40:00.2</b>	<b>+ - 0.82</b>	<b>51.380N</b>	<b>14.690E</b>	<b>7.8</b>	<b>4.4</b>	<b>47</b>	<b>0G</b>		<b>15</b>	<b>8</b>	<b>272</b>	<b>2.6ML</b>	<b>MOX</b>	<b>BGR</b>	<b>B</b>

Horka, NE of Bautzen

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg Z	14:40:13.0	-0.2	T	20.6	76.8	223.1	ML 2.1
CLL	e Pg Z	14:40:19.6	-0.5	T	19.2	117.5	266.7	ML 2.5
	e Sg N	14:40:34.0	0.3	T				
MOX	e Pg Z	14:40:38.0	-1.2	T	5.2	230.1	250.4	ML 2.6
	e Sg N	14:41:04.6	-1.4	T				
WET	e Pn Z	14:40:41.2	-0.2	T	3.1	280.0	208.1	ML 2.7
	e Sg E	14:41:20.9	0.6	T				
GEC2	e Pn Z	14:40:43.3	0.6	T	2.9	290.5	194.4	ML 2.8
	e Pg Z	14:40:49.7	0.2	T				
	e Sg E	14:41:23.0	-0.2	T				
CLZ	e Pg Z	14:40:52.1	0.6	T	3.0	302.5	281.5	ML 2.8
	e Sg N	14:41:27.3	0.7	T				
TNS	e Sg N	14:42:11.7	0.9	T		457.0	256.1	
BFO	e Pg Z	14:41:36.6	0.1	T	3.2	567.9	235.8	
	e Sg N	14:42:43.5	1.0	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/03	15:54:46.5		48.869N	10.605E				10G			6		2.5ML	VIE	NEIC	
	Less reliable solution															
<b>1998/02/03</b>	<b>15:54:44.4</b>	<b>+ - 0.44</b>	<b>48.730N</b>	<b>10.170E</b>	<b>5.6</b>	<b>4.4</b>	<b>159</b>	<b>0G</b>		<b>8</b>	<b>5</b>	<b>166</b>	<b>2.0ML</b>	<b>BFO</b>	<b>BGR</b>	<b>B</b>

Heidenheim/Swabian Jura

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg Z	15:55:09.0	0.5	T	5.4	142.6	252.5	ML 2.0
	e Sg E	15:55:24.5	-0.6	T				
TNS	e Sg E	15:55:44.4	0.8	T		207.4	323.8	ML 2.2
MOX	e Pn Z	15:55:19.5	-0.8	T	2.1	236.9	25.5	ML 2.0
	e Pg	15:55:25.9	1.4					
	e Sg N	15:55:51.6	-0.5	T				
GEC2	e Pn Z	15:55:23.4	0.4	T	1.3	259.0	85.8	
	e Sg N	15:55:58.9	0.6	T				
CLZ	e Sg E	15:56:23.1	-0.2	T		346.3	2.3	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/04	12:24:08.2	+ - 1.35	51.380N	14.377E	21.2	12.2	108	0G		5	3	182	3.4ML		PIDC	
<b>1998/02/04</b>	<b>12:24:07.5</b>	<b>+ - 1.06</b>	<b>51.380N</b>	<b>14.630E</b>	<b>12.2</b>	<b>5.6</b>	<b>46</b>	<b>0G</b>		<b>10</b>	<b>5</b>	<b>272</b>	<b>2.2ML</b>	<b>CLL</b>	<b>BGR</b>	<b>B</b>

N of Bautzen, Oberlausitz

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg	Z	12:24:20.4	0.4	T	14.5	74.0	220.7	ML 1.7
CLL	e Pg	Z	12:24:27.0	0.3	T	5.0	113.3	266.6	ML 2.2
	e Sg	N	12:24:40.3	0.4	T				
MOX	e Pg	Z	12:24:45.2	-0.7	T	4.0	226.1	250.0	ML 2.5
	e Sg	N	12:25:13.0	0.9	T				
GEC2	e Pn	Z	12:24:50.4	0.6	T	5.8	289.5	193.6	ML 2.7
	e Pg	Z	12:24:56.3	-0.3	T				
	e Sg	E	12:25:29.3	-0.9	T				
CLZ	e Pg	Z	12:24:58.1	0.0	T	2.9	298.4	281.6	
	e Sg	E	12:25:32.0	-0.7	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/04	13:07:33.1		50.350N	7.285E				5G			6		2.2ML	DBN	NEIC	
	ML= 2.2(STR), Less reliable solution															
<b>1998/02/04</b>	<b>13:07:33.5</b>	<b>+ - 0.40</b>	<b>50.460N</b>	<b>7.330E</b>	<b>5.6</b>	<b>4.4</b>	<b>27</b>	<b>0G</b>		<b>7</b>	<b>4</b>	<b>132</b>	<b>2.0ML</b>	<b>TNS</b>	<b>BGR</b>	<b>B</b>

Ahrweiler, S of Bonn

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
GSH	e Pg	Z	13:07:45.5	-0.6	T	2.1	74.0	295.0	ML 1.9
	e Sg	E	13:07:55.2	0.5	T				
TNS	e Pg	Z	13:07:46.9	-0.8	T	7.2	83.6	108.0	ML 2.0
	e Sg	E	13:07:57.5	0.1	T				
BFO	e Pg	Z	13:08:16.0	0.5	T	1.8	247.6	162.6	
	e Sg	E	13:08:44.3	-0.0	T				
CLZ	e Sg	E	13:08:49.1	0.7	T		261.9	52.9	ML 2.3

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/05	04:21:49.1		51.470N	8.100E				10G			7		2.6ML		STR	
	ML= 2.4(DBN)															
1998/02/05	04:21:48.9	+ - 0.33	51.620N	7.780E	4.4	3.3	131	1G		10	5	118	2.2ML		SZGRF	I
<b>1998/02/05</b>	<b>04:21:46.3</b>		<b>51.657N</b>	<b>7.767E</b>				<b>1G</b>					<b>2.1ML</b>		<b>RUB</b>	<b>I</b>

Hamm/Westfalen, Ruhr Coal Mining District

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg	- Z	04:21:54.7	1.3	TA		42.0	235.2	ML 2.2
	e Sg	E	04:22:00.9	2.6					
IBBN	e Pg	Z	04:22:01.1	2.6			72.3	359.4	ML 2.3
	e Sg	E	04:22:11.0	4.0					
GSH	e Pg	Z	04:22:11.3	1.1			140.9	224.0	ML 2.3
	e Sg	E	04:22:29.0	2.5					

TNS	e	Pg	Z	04:22:15.6	1.0	166.5	163.1	ML	2.2
	e	Sg	E	04:22:34.7	0.8				
CLZ	e	Pg	Z	04:22:18.1	1.2	180.5	82.5	ML	2.2
	e	Sg	E	04:22:40.9	3.1				
MOX	i	(Pg)		04:22:39.5	3.9	291.0	111.3		
	e	Sg		04:23:12.5	3.1				
BRG	e	Sg		04:23:55.5	4.0	438.3	99.1		

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
Schwaebisch Hall																	

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/14	03:56:36.3	+-	1.07	48.409N	7.627E	18.8	12.5	67	2	+-	0.0	6	310			LDG	L

Molsheim/F, SW of Strasbourg/Upper Rhine Graben

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/15	15:57:03.3	+-	0.67	49.350N	6.850E	10.0	4.4	66	1G		6	3	212	2.0ML	TNS	BGR	I
1998/02/15	15:57:03.4	+-	0.40	49.390N	6.940E	7.0	2.0	84	1G		18	11	199	1.9ML		LEDBW	I

Saarbruecken-West

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
RUP	i Pg +	15:57:10.0	0.5	T		35.7	13.9	
ABH	i Pg -	15:57:15.2	-0.0	T		70.0	38.4	
	Sg	15:57:24.5	1.1					
TOD	e Pn	15:57:26.4	-0.6	T		136.7	79.2	
	e Sg	15:57:44.7	2.3	T				
TNS	e (Pg) Z	15:57:28.4	0.9			142.4	48.9	ML 2.0
	e Sg E	15:57:46.6	2.5					
GSH	e (Pn) Z	15:57:29.6	0.3			155.1	345.2	
	e Sg E	15:57:48.3	0.6					
BFO	e (Pn) Z	15:57:29.7	0.4			155.6	138.7	
	e Sg E	15:57:48.1	0.2					
LBG	i Pg +	15:57:30.0	-0.1	T		157.5	120.1	ML 1.8
	e Sg	15:57:49.3	0.9	T				
KIZ	i Pg -	15:57:32.4	-0.6	T		174.9	155.4	ML 2.1
	e Sg	15:57:52.6	-0.8	T				

FELD	i	Pg +	15:57:34.7	-0.2	T	185.6	154.7		
	e	Sg	15:57:55.8	-0.6	T				
GUT	e	Pg -	15:57:40.0	-0.2	T	216.7	131.8	ML	1.9

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/15	20:19:36.3		47.680N	7.470E				2			28		1.8ML		STR	
1998/02/15	20:19:36.2		47.695N	7.463E				10		15	8		1.9ML		SED	
1998/02/15	20:19:35.5		47.640N	7.520E				10G		6	4	307	1.4ML	BFO	BGR	L
1998/02/15	20:19:36.4		47.678N	7.478E				10		36	18	92	2.0ML		LEDBW	L
<b>1998/02/15</b>	<b>20:19:36.6</b>	<b>+- 0.35</b>	<b>47.674N</b>	<b>7.419E</b>	<b>6.0</b>	<b>3.3</b>	<b>97</b>	<b>2</b>	<b>+- 0.0</b>	<b>23</b>		<b>199</b>	<b>2.1ML</b>		<b>LDG</b>	<b>L</b>

Sierentz/F, NW of Loerrach/Upper Rhine Graben

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BBS	i Pg -	20:19:41.0	0.3			24.2	163.7	
	Sg	20:19:44.0	0.5					
END	e Pg +	20:19:40.3	-0.5			24.3	79.0	
	e Sg	20:19:43.2	-0.4					
KIZ	i Pg +	20:19:44.2	-0.7			48.7	49.7	ML 1.7
	i Sg	20:19:49.8	-0.7					
FELD	i Pg +	20:19:44.3	-0.6			49.2	62.5	
	Sg	20:19:50.0	-0.6					
LIBD	e Pg	20:19:45.9	0.0			54.8	14.4	
	Sg	20:19:53.2	1.0					
HEX	e Pg +	20:19:47.2	-0.8			66.8	54.4	
	e Sg	20:19:54.7	-1.0					
BFO	e Pn +	20:19:52.0	-3.5			99.6	42.5	ML 1.4
	e Pg -	20:19:52.9	-0.5					
	e Sn	20:20:03.9	-4.9					
	e Sg	20:20:04.6	-0.5					
SPAK	e Pg	20:19:54.9	-0.7			112.5	64.4	
	e Sg	20:20:08.1	-0.7					
GUT	e Pg	20:19:58.3	-1.1			134.0	70.1	ML 2.0
	e Sg	20:20:13.6	-1.3					
LBG	e Pg -	20:20:01.2	-0.9			150.1	42.3	ML 1.8
	e Sg	20:20:18.0	-1.5					
BEU	e Pg	20:20:06.1	-0.9			179.4	54.9	ML 2.0
	e Sg	20:20:26.5	-1.4					
HDH	e Sg	20:20:40.5	-2.0			230.3	62.9	ML 2.1
TOD	e Sg	20:20:44.0	-0.5			237.7	24.8	
ABH	Pg	20:20:17.5	-0.8			245.7	2.1	
	e Sg	20:20:45.2	-1.5					
TNS	e Sg	20:20:59.8	-0.6			293.2	14.5	
GRFO	e Pg	20:20:35.9	-1.4		1.7	357.9	49.8	
	e Sg	20:21:16.8	-2.1					
WET	e Sg	20:21:38.4	-2.4			434.7	65.9	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/18	15:01:21.9		47.590N	8.134E	11.2	11.2	0	0G		10	8	187	2.2ML		SED	B?
<b>1998/02/18</b>	<b>15:01:25.2 +- 2.81</b>		<b>47.630N</b>	<b>8.150E</b>	<b>32.2</b>	<b>10.0</b>	<b>28</b>	<b>10G</b>		<b>4</b>	<b>3</b>	<b>299</b>	<b>1.9ML</b>	<b>BFO</b>	<b>BGR</b>	<b>L</b>

Waldshut/Swiss-German border region

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg Z	15:01:38.5	-0.2	T	2.3	79.0	9.7	ML 1.9
	e Sg E	15:01:48.2	0.2	T				
WET	e Sg E	15:03:15.2	-0.7	T		387.5	62.5	
GEC2	e Sg N	15:03:30.0	1.2	T		432.6	69.8	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/19	04:50:56.7 +- 1.17		47.420N	13.230E	12.2	5.6	150	10G		8	5	275	2.4ML	FUR	BGR	L
<b>1998/02/19</b>	<b>04:50:55.5</b>		<b>47.320N</b>	<b>13.350E</b>									<b>2.3ML</b>		<b>AGS</b>	

Radstadt/A, Radstaedter Tauern

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
GEC2	e Pn Z	04:51:22.2	-1.3		8.0	171.6	8.6	ML 2.0
	e Sg E	04:51:42.9	-1.6					
FUR	e Sg N	04:51:45.4	-1.9			181.2	301.9	ML 2.4
WET	e Pg	04:51:28.8	-1.6			205.8	350.4	
MOX	e Pn Z	04:51:48.8	-1.4		1.3	390.7	341.8	
	e Sg N	04:52:45.0	-2.2					
BFO	e Sn N	04:52:26.9	-2.8			391.2	288.5	
	e Sg N	04:52:44.3	-2.9					
BRG	e Sg E	04:52:47.6	-1.4			397.4	6.0	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/19	05:03:53.4		47.489N	13.257E				10G			18		3.0ML	VIE	NEIC	
	ML= 2.8(FUR), Intensity = V			(MSK) at			Flachau									
1998/02/19	05:03:54.2 +- 0.88		47.420N	13.220E	10.0	5.6	149	10G		13	5	274	3.1ML	FUR	BGR	L
<b>1998/02/19</b>	<b>05:03:52.3</b>		<b>47.310N</b>	<b>13.350E</b>									<b>3.0ML</b>		<b>AGS</b>	

Radstadt/A, Radstaedter Tauern

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BHG	i Pg -	05:04:00.6	-1.5			57.8	322.5	ML 2.9
	i Sg	05:04:06.6	-2.2					
GEC2	e Pn Z	05:04:19.2	-1.2		32.4	172.7	8.6	ML 2.4
	e Sg E	05:04:40.2	-1.5					
FUR	e Pg Z	05:04:22.0	-1.1		2.1	181.8	302.2	ML 3.1
	e Sg N	05:04:42.3	-1.9					

OGA	i	Pg	-	05:04:23.5	0.2			182.7	255.2								
WET	i	Pn	-	05:04:22.9	-1.7			206.9	350.5			ML	2.6				
ROTZ	i	Pn	-	05:04:31.9	-2.3			285.9	343.3			ML	2.5				
	i	Pg		05:04:38.8	-2.0												
HOF	i	Pn	+	05:04:41.3	-0.9			350.9	342.7								
BFO	e	Pn	Z	05:04:46.5	-0.6		3.1	391.5	288.7			ML	2.9				
	e	Sn	N	05:05:23.4	-3.2												
	e	Sg	N	05:05:41.4	-2.8												
MOX	e	Pn	Z	05:04:45.7	-1.5		5.8	391.8	341.8			ML	3.0				
	e	Pg	Z	05:04:57.6	-1.1												
	e	Sg	E	05:05:41.8	-2.4												
TNS	e	Pn	Z	05:04:58.2	-0.2		4.6	483.5	313.9								
	e	Sn	E	05:05:43.7	-2.4												

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/19	05:04:24.8	+-	0.77	47.246N	14.787E	18.5	10.5	23	2	+-	0.0	10	322			LDG	L

Knittelfeld, Mur Valley/A, Seckauer Alps

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/19	05:04:58.4			47.444N	13.249E				10G			18		3.3ML	VIE	NEIC	
	ML= 3.2(FUR), Intensity = V (MSK) at Flachau																
1998/02/19	05:04:59.3	+-	0.88	47.430N	13.220E	10.0	5.6	147	10G		15	8	274	3.4ML	FUR	BGR	L
1998/02/19	05:04:57.8			47.320N	13.350E									3.3ML		AGS	

Radstadt/A, Radstaedter Tauern

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BHG	i Pg -	05:05:05.6	-1.9			56.9	321.8	ML 3.3
	e Sg	05:05:11.4	-2.7					
SCE	i Pg -	05:05:18.2	-1.3			127.8	256.4	
GEC2	e Pn Z	05:05:24.2	-1.6		13.1	171.6	8.6	ML 2.8
	e Sg N	05:05:45.0	-1.8					
FUR	e Pg Z	05:05:26.6	-1.9		3.1	181.2	301.9	ML 3.4
	e Sg E	05:05:46.8	-2.8					
OGA	i Pg -	05:05:28.4	-0.4			183.0	254.9	
WET	i Pn -	05:05:27.8	-2.2			205.8	350.4	ML 2.9
ROTZ	i Pg +	05:05:43.7	-2.4			284.8	343.3	ML 2.8
MOX	e Sn N	05:06:29.5	-2.4			390.7	341.8	ML 3.3
	e Sg E	05:06:47.3	-2.2					
BFO	e Sn E	05:06:27.9	-4.1			391.2	288.5	ML 3.1
	e Sg N	05:06:46.3	-3.3					
BRG	e Sg E	05:06:49.6	-1.8			397.4	6.0	ML 3.3

CLL	e	Pn	Z	05:05:57.8	-1.2			1.9	444.1	356.9	ML	3.5
	e	Sg	N	05:07:01.4	-3.3							
TNS	e	Pn	Z	05:06:03.1	-0.7			6.0	482.8	313.8	ML	3.4
	e	Sn	N	05:06:49.2	-2.2							
	e	Sg	N	05:07:14.3	-1.4							
CLZ	e	Sg	N	05:07:29.9	-4.1				546.6	338.0	ML	3.6

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/19	05:09:08.8	+/- 1.10	47.440N	13.200E	13.3	5.6	149	10G		9	5	273	2.0ML	GEC2	BGR	L
1998/02/19	05:09:07.1		47.320N	13.350E									2.4ML		AGS	

## Radstadt/A, Radstaedter Tauern

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
GEC2	e Pn Z	05:09:34.1	-1.0		8.6	171.6	8.6	ML 2.0
	e Sg E	05:09:53.9	-2.2					
FUR	e Pg Z	05:09:36.2	-1.6		1.1	181.2	301.9	ML 2.6
	e Sg N	05:09:57.2	-1.7					
WET	i Pg +	05:09:40.5	-1.5			205.8	350.4	
MOX	e Pn Z	05:10:00.8	-1.0		1.2	390.7	341.8	
	e Sg E	05:10:55.0	-3.7					
BFO	e Sn E	05:10:38.0	-3.4			391.2	288.5	
	e Sg N	05:10:56.1	-2.7					
BRG	e Sg E	05:11:00.3	-0.4			397.4	6.0	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/19	06:31:16.9		47.348N	13.340E				10G			5		2.6ML	VIE	NEIC	
	Less reliable solution															
1998/02/19	06:31:20.3	+/- 1.53	47.510N	13.260E	25.6	10.0	152	10G		6	5	273	1.9ML	GEC2	BGR	L

## N of Bischofshofen/A, Tennengebirge

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
GEC2	e Pn Z	06:31:43.4	-1.3	T	3.5	152.0	12.3	ML 1.9
	e Sg N	06:32:04.1	0.2	T				
FUR	e Sg E	06:32:06.3	-1.2	T		165.0	296.8	ML 2.4
WET	i Pg +	06:31:49.1	-2.4			183.9	351.3	
MOX	e Sg N	06:33:03.7	-2.0	T		368.5	341.7	
BRG	e Sg N	06:33:10.4	2.2	T		377.2	7.3	ML 2.6
BFO	e Sg N	06:33:10.8	2.3	T		378.5	285.8	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/20	00:10:19.5		47.231N	11.453E				10G			6		2.6ML	FUR	NEIC	
ML= 2.1(VIE)																
1998/02/20	00:10:21.0	+- 0.84	47.280N	11.610E	6.7	5.6	175	10G		10	6	255	2.5ML	GRFO	BGR	L
1998/02/20	00:10:19.5	+- 0.20	47.242N	11.459E	0.7	0.4	116	15	+- 1.3	12	6		1.9ML		FUR	L
<b>1998/02/20</b>	<b>00:10:19.1</b>		<b>47.270N</b>	<b>11.460E</b>									<b>1.8ML</b>		<b>AGS</b>	

Innsbruck, Hall/A

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
SCE	i Pg +	00:10:25.0	0.5			31.9	143.6	
	i Sg	00:10:29.2	1.0					
GAPA	i Pg - Z	00:10:26.4	1.2			36.1	314.5	
	i Sg	00:10:31.8	2.4					
FUR	e Pg	00:10:37.7	1.6			100.2	352.1	ML 2.6
	e Sg N	00:10:50.6	2.8		1.6			
WET	e Pn Z	00:10:54.5	-0.2		2.6	233.4	26.2	
	e Sg Z	00:11:26.0	0.3		2.8			
GEC2	e Pn Z	00:10:55.7	0.0		1.5	241.7	42.7	
	e Pg Z	00:11:00.4	0.3		1.4			
	e Sg E	00:11:27.7	-0.4		5.1			
BFO	e Sn E	00:11:27.6	1.6		1.7	261.8	297.9	
GRFO	e Pg Z	00:11:06.6	1.7		2.0	269.7	356.3	ML 2.5
	e Sg N	00:11:37.7	1.5		4.2			
MOX	e Sg Z	00:12:07.8	1.5		2.4	375.4	1.7	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/20	00:27:54.5		47.231N	11.452E				10G			6		2.4ML	FUR	NEIC	
ML= 1.9(VIE)																
1998/02/20	00:27:55.4	+- 1.58	47.260N	11.590E	16.7	10.0	20	10G		5	4	306	2.1ML	GEC2	BGR	L
1998/02/20	00:27:54.4	+- 0.20	47.253N	11.458E	0.5	0.3	106	16	+- 0.8	10	5				FUR	L
<b>1998/02/20</b>	<b>00:27:54.2</b>		<b>47.270N</b>	<b>11.460E</b>									<b>1.6ML</b>		<b>AGS</b>	

Innsbruck, Hall/A

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
SCE	i Pg	00:28:00.1	0.5			31.9	143.6	
	i Sg	00:28:04.3	1.0					
FUR	e Pg	00:28:12.8	1.6			100.2	352.1	ML 2.4
	e Sg N	00:28:25.6	2.7		2.1			
WET	e Pn Z	00:28:29.4	-0.4		2.3	233.4	26.2	
GEC2	e Sg N	00:29:02.9	-0.3		4.9	241.7	42.7	ML 2.1
GRFO	e Sg N	00:29:12.6	1.3		3.3	269.7	356.3	ML 2.4

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/20	04:28:09.5		49.424N	6.930E				10G			9		2.0ML	FBB	NEIC	
ML= 1.9(UCC)																
1998/02/20	04:28:08.5	+- 1.02	49.340N	6.830E	14.5	4.4	76	1G		6	3	232	1.9ML	BFO	BGR	I
<b>1998/02/20</b>	<b>04:28:09.1</b>	+- 0.40	<b>49.380N</b>	<b>6.940E</b>	<b>6.0</b>	<b>2.0</b>	<b>92</b>	<b>1G</b>		<b>28</b>	<b>14</b>	<b>192</b>	<b>2.0ML</b>		<b>LEDBW</b>	<b>I</b>





Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
RUP	i Pg +	04:28:15.7	0.4	T		36.8	13.5	
	e Sg	04:28:20.5	0.9	T				
ABH	i Pg +	04:28:21.1	0.0	T		70.9	37.9	
	e Sg	04:28:29.4	0.0	T				
KTD	e Pg +	04:28:24.3	1.1	T		83.1	94.2	
	e SmS	04:28:36.5	-1.7	T				
TOD	i Pg -	04:28:32.6	0.3	T		136.9	78.7	
	e Sg	04:28:50.5	2.3	T				
TNS	e Pg Z	04:28:33.7	0.3		3.6	143.1	48.5	ML 2.1
	e Sg N	04:28:52.1	2.1		3.1			
BFO	e Pg Z	04:28:35.5	0.2		7.4	154.8	138.4	ML 1.9
	e Sg E	04:28:53.4	0.1		3.0			
LBG	e Pg	04:28:35.7	0.0	T		156.9	119.8	ML 2.0
	e Sn	04:28:52.2	-1.4	T				
	e Sg	04:28:55.0	1.1	T				
KIZ	e Pg +	04:28:38.1	-0.5	T		173.8	155.2	ML 2.2
	e Sg	04:28:58.3	-0.5	T				
FELD	e Pg -	04:28:39.7	-0.7	T		184.6	154.5	
	e Sg	04:29:01.7	-0.1	T				
BEU	e Pg -	04:28:43.2	0.1	T		201.1	115.2	ML 2.0
	e Sg	04:29:06.6	0.0	T				
GUT	i Pg -	04:28:45.7	-0.0	T		216.0	131.6	ML 2.0
	e Sg	04:29:11.2	0.4	T				
BUG	e Sn N	04:29:09.4	0.3			230.3	5.7	ML 2.3
	e Sg N	04:29:16.2	1.3		1.8			

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/20	09:44:44.5		49.387N	5.828E				10		14	10		3.0ML		SED	
1998/02/20	09:44:53.5		48.820N	6.370E				10G		8	4	293	2.9ML	TNS	BGR	L
1998/02/20	09:44:55.2		48.840N	6.530E				10G		37	17	209	2.7ML		LEDBW	L
<b>1998/02/20</b>	<b>09:44:53.4</b>	<b>+- 0.14</b>	<b>48.781N</b>	<b>6.273E</b>	<b>2.7</b>	<b>2.0</b>	<b>65</b>	<b>12G</b>		<b>72</b>		<b>155</b>	<b>3.3ML</b>		<b>LDG</b>	<b>L</b>

Nancy/F

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
RUP	e Pg -	09:45:12.0	-1.4			117.2	28.9	
	e Sg	09:45:26.0	-1.1					
LIBD	e Pn -	09:45:14.2	0.4			120.6	125.1	
	e Sg	09:45:28.2	0.2					
KTD	e Sg	09:45:32.2	-2.7			144.9	64.9	
KIZ	e Pn	09:45:16.5	-1.1			152.3	126.4	ML 2.7
	e Pg +	09:45:18.9	-0.4					
	e Sg	09:45:35.6	-1.4					
ABH	e Pn	09:45:16.4	-1.4			153.3	36.6	
	e Sg	09:45:34.5	-2.9					

BFO	e	Pn	Z	09:45:19.3	0.9				159.5	107.6	ML	2.7
	e	Pg	Z	09:45:19.7	-0.8			12.3				
	e	Sg	N	09:45:37.4	-1.7			6.0				
FELD	i	Pg	-	09:45:20.9	-0.2				162.8	127.5		
	i	Sg		09:45:38.8	-1.2							
LBG	e	Pg	+	09:45:23.8	-1.1				185.4	93.1	ML	2.7
	e	Sn		09:45:40.3	-1.6							
	e	Sg		09:45:44.6	-1.8							
SPAK	i	Pg	-	09:45:26.7	-0.6				200.1	111.2		
	e	Sg		09:45:49.0	-1.7							
TOD		Pn		09:45:21.6	-2.5				205.5	62.6		
	e	Sg		09:45:48.5	-3.7							
GUT	e	Pn	-	09:45:25.4	-0.9				224.1	109.6	ML	2.6
	i	Pg	-	09:45:30.6	-0.9							
	i	Sn		09:45:47.3	-2.7							
	e	Sg		09:45:55.9	-1.6							
TNS	e	Pg	Z	09:45:29.9	-1.6			4.8	224.3	43.6	ML	2.9
	e	Sg	N	09:45:55.1	-2.4			4.2				
BEU	e	Pg	+	09:45:31.5	-1.2				231.7	94.3	ML	2.6
	e	Sg		09:45:58.1	-1.6							
UBR	e	Pn	-	09:45:37.1	0.3				309.2	111.9	ML	2.8
	i	Pg	+	09:45:45.8	-0.1							
	e	Sg		09:46:21.5	-0.3							
GRFO	e	Sn	E	09:46:23.0	1.5			0.8	373.1	72.4	ML	3.0
	e	Sg	E	09:46:38.0	-2.0			1.8				
MOX	e	Sg	N	09:46:56.0	-2.1			1.9	436.3	59.6	ML	3.0

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/20	16:02:04.2	+-	1.46	51.344N	14.455E	21.8	13.0	109	0G		5	3	181	3.4ML		PIDC	
1998/02/20	16:02:04.0	+-	1.16	51.340N	14.600E	12.2	7.8	42	0G		8	5	270	2.3ML	CLL	BGR	B

N of Bautzen, Oberlausitz

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg Z	16:02:16.0	0.3	T	14.0	69.3	221.7	ML 1.9
	e Sg N	16:02:24.1	0.3	T	1.7			
CLL	e Pg Z	16:02:22.6	-0.3	T	11.7	111.0	268.8	ML 2.3
	e Sg N	16:02:36.7	1.0	T	2.5			
MOX	e Pg Z	16:02:41.1	-0.7	T	5.5	222.7	250.9	ML 2.4
	e Sg N	16:03:07.3	-0.4	T	2.9			
GEC2	e Pn Z	16:02:46.1	0.3	T	2.6	284.7	193.4	
CLZ	e Sg E	16:03:29.5	0.6	T	1.7	297.3	282.5	ML 2.6

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/20	21:16:35.4			49.415N	6.932E				10G			10		2.1ML	FBB	NEIC	
1998/02/20	21:16:35.4	+-	1.75	49.350N	6.900E	24.5	6.7	92	1G		5	3	271	2.0ML	BFO	BGR	I
1998/02/20	21:16:35.1	+-	0.80	49.370N	6.940E	12.0	3.0	83	1G		19	11	209	2.1ML		LEDBW	I

Saarbruecken-West



Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
RUP	i Pg +	21:16:41.8	0.3	T		37.9	13.1	
	e Sg	21:16:47.9	2.0	T				
ABH	i Pg +	21:16:47.2	-0.1	T		71.8	37.3	
	Sg	21:16:56.7	1.1					
KTD	e Pg +	21:16:50.5	1.4	T		83.0	93.4	
TOD	i Pg -	21:16:58.3	-0.0	T		137.1	78.3	
	e Sg	21:17:16.2	2.0	T				
TNS	e Pg Z	21:16:59.9	0.4		3.5	143.8	48.2	ML 2.0
	e Sg E	21:17:17.7	1.5		3.0			
LIBD	e Pn	21:16:59.9	0.3	T		144.0	160.0	
BFO	e Pg Z	21:17:01.4	0.2		6.3	154.0	138.2	ML 2.0
	e Sg E	21:17:19.5	0.4		3.4			
LBG	e Pg +	21:17:01.7	0.1	T		156.4	119.4	ML 1.9
	e Sg	21:17:22.1	2.3	T				
KIZ	e Pg +	21:17:04.0	-0.4	T		172.8	155.1	ML 2.2
	e Sn	21:17:21.3	-1.7	T				
	e Sg	21:17:24.2	-0.2	T				
FELD	e Pn +	21:17:05.6	1.2			183.6	154.4	
	e Sg	21:17:27.5	-0.1	T				
GUT	e Pg -	21:17:11.6	0.1	T		215.2	131.3	ML 2.1
	e Sg	21:17:37.3	0.7	T				
GEC2	e Pn E	21:17:43.9	1.4		4.8	495.5	94.2	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/21	16:49:08.1		50.933N	12.511E				5G			7		2.3ML	GRF	NEIC	
	ML= 2.2(CLL)															
1998/02/21	16:49:08.2	+ - 0.41	51.060N	12.380E	5.6	4.4	156	11	+ - 5.2	9	6	114	2.4ML		SZGRF	L
<b>1998/02/21</b>	<b>16:49:08.3</b>	<b>+ - 0.29</b>	<b>51.040N</b>	<b>12.380E</b>	<b>3.3</b>	<b>2.2</b>	<b>155</b>	<b>5G</b>		<b>16</b>	<b>9</b>	<b>111</b>	<b>2.4ML</b>	<b>MOX</b>	<b>BGR</b>	<b>L</b>

## Regis-Breitingen, N of Altenburg

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
CLL	e Pg Z	16:49:17.9	0.6	T	92.7	52.6	55.3	ML 2.4
	e Sg E	16:49:24.3	0.9	T	12.8			
MOX	e Pg Z	16:49:20.7	0.6	T	130.3	69.4	231.0	ML 2.4
	e Sg E	16:49:29.1	1.0	T	18.4			
HOF	i Pg +	16:49:23.4	0.1			88.2	203.9	
	i Sg	16:49:34.1	0.6					
BRG	e Pg Z	16:49:26.4	-0.7	T	11.1	111.0	99.0	ML 2.7
	e Sg N	16:49:39.6	-0.4	T	27.5			
ROTZ	i Pn -	16:49:30.6	-1.5			142.0	185.0	ML 2.5
CLZ	e Pn E	16:49:35.3	0.4	T	1.3	165.2	303.4	ML 2.2
	e Sg N	16:49:55.2	-0.3	T	6.6			
GRA1	e Pn Z	16:49:36.0	0.4			170.9	209.2	ML 2.3
	e Sg N	16:49:56.4	-0.7					

GRFO	e	Pn	N	16:49:36.0	0.3	T	2.9	171.1	209.2	ML	2.3
	e	Sg	N	16:49:56.6	-0.6	T	5.9				
WET	e	Sg	N	16:50:10.0	0.6	T	4.1	213.8	170.2	ML	2.4
GEC2	e	Pn	Z	16:49:46.7	0.1	T	2.0	261.7	158.3	ML	2.6
	e	Pg	Z	16:49:52.1	-0.5	T	2.7				
	e	Sg	N	16:50:23.5	0.4	T	3.1				
TNS	e	Sg	N	16:50:31.7	0.1	T	3.2	291.8	253.4	ML	2.7
BFO	e	Sg	N	16:51:07.4	-0.6	T	2.3	419.0	225.6		

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/22	01:08:56.4	+/- 0.42	51.550N	7.580E	6.7	4.4	97	1G		6	3	149	2.0ML		SZGRF	I
<b>1998/02/22</b>	<b>01:08:54.3</b>		<b>51.605N</b>	<b>7.596E</b>				<b>1G</b>					<b>1.8ML</b>		<b>RUB</b>	<b>I</b>

## Luenen, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg - Z	01:09:00.1	0.9	TA		29.1	231.0	ML 1.7
	e Sg E	01:09:04.0	1.4					
IBBN	e Pg Z	01:09:10.3	2.6			78.8	8.0	ML 2.1
	e Sg E	01:09:20.7	3.9					
TNS	e Pg Z	01:09:22.8	0.5			165.0	158.5	ML 2.3
	e Sg E	01:09:41.7	0.3					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/24	17:13:51.3	+/- 1.28	49.340N	6.880E	15.6	5.6	98	1G		7	5	272	1.8ML	BFO	BGR	I
<b>1998/02/24</b>	<b>17:13:51.0</b>	+/- <b>0.30</b>	<b>49.390N</b>	<b>6.910E</b>	<b>4.0</b>	<b>2.0</b>	<b>96</b>	<b>1G</b>		<b>13</b>	<b>11</b>	<b>202</b>	<b>2.1ML</b>		<b>LEDBW</b>	<b>I</b>

## Saarbruecken-West

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
RUP	i Pg -	17:13:57.5	0.3	T		36.3	17.2	
ABH	i Pg +	17:14:03.2	0.1	T		71.4	39.8	
TOD	i Pg +	17:14:14.6	0.0	T		138.8	79.3	
	e Sg	17:14:32.7	2.0					
TNS	e Pg Z	17:14:15.8	0.4		4.8	144.0	49.4	ML 2.0
	e Sg E	17:14:34.1	2.0		3.0			
BFO	e Pg Z	17:14:17.3	-0.3		5.0	157.1	138.1	ML 1.8
	e Sg N	17:14:35.4	-0.5		4.7			
LBG	i Pg +	17:14:17.8	-0.2	T		159.4	119.7	ML 1.9
	e Sg	17:14:37.2	0.6	T				
KIZ	i Pg +	17:14:20.1	-0.7	T		175.8	154.7	ML 2.2
	e Sg	17:14:40.3	-0.9					
FELD	i Pg +	17:14:22.5	-0.2	T		186.5	154.1	
	e Sg	17:14:43.6	-0.7					

GUT	e	Pg	-	17:14:27.8	-0.2	T		218.3	131.4	ML	2.1
MOX	e	Sg	Z	17:15:36.8	1.8		2.7	363.9	65.7		
WET	e	Pn	Z	17:14:52.0	1.2		2.2	433.8	91.3		
GEC2	e	Pn	Z	17:14:59.6	1.0		7.4	497.8	94.4		

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/25	19:55:06.0	+-	1.78	49.350N	6.990E	25.6	6.7	92	1G		5	3	267	1.8ML	TNS	BGR	I
1998/02/25	19:55:05.0	+-	0.30	49.380N	6.960E	6.0	2.0	85	1G		12	11	196	2.0ML		LEDBW	I

## Saarbruecken-West

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
RUP	i Pg +	19:55:11.6	0.4	T		36.5	11.3	
ABH	e Pg +	19:55:17.1	0.2	T		70.0	37.0	
TOD	e Pg	19:55:28.1	0.1	T		135.5	78.6	
TNS	e Pg Z	19:55:30.0	0.9		2.7	142.0	48.2	ML 1.8
	e Sg E	19:55:46.9	1.3					
BFO	e Pg Z	19:55:31.3	0.3		4.3	153.8	138.8	ML 1.5
	e Sg N	19:55:48.6	-0.4					
LBG	Pg	19:55:31.6	0.2	T		155.7	120.1	ML 1.9
KIZ	Pg	19:55:33.9	-0.5	T		173.2	155.7	ML 2.2
FELD	Pg	19:55:36.0	-0.2	T		184.0	155.0	
	Sg	19:55:57.1	-0.5	T				
GUT	Pg	19:55:41.6	0.2	T		214.9	131.8	ML 2.0
GEC2	e Pn Z	19:56:13.3	1.1		2.7	494.1	94.4	

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1998/02/26	16:59:53.4			50.300N	6.480E				1G			6		2.4ML		STR	
1998/02/26	16:59:55.9	+-	0.77	50.290N	6.640E	10.0	5.6	84	0G		9	6	228	2.4ML	TNS	BGR	B

## Pruem/Eifel

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
TNS	e Pg Z	17:00:16.9	-0.7	T	5.1	128.7	92.7	ML 2.4
	e Sg N	17:00:33.2	0.6	T				
BUG	e Pg Z	17:00:18.4	-0.4	T	1.1	135.3	18.8	ML 2.4
	e Sg N	17:00:35.6	1.1	T				
BFO	e Pg Z	17:00:39.7	1.5	T	1.7	250.0	150.0	ML 2.5
	e Sg E	17:01:05.8	-1.5	T				
CLZ	e Sg N	17:01:24.1	-1.0	T		312.6	55.1	
GRFO	e Sg E	17:01:33.2	1.9	T		334.1	99.7	
MOX	e Sg E	17:01:36.7	-0.4	T		354.3	81.7	
CLL	e Sg	17:02:10.0	2.4			461.1	73.3	

## Unassociated arrivals

Sta	Phase	Date	Time	TRes	Def	S/N	Dist	EvAz	Mag
MOX	i (Sg)	1998/02/01	06:29:58.2						
CLL	e Sg	1998/02/02	13:04:15.0						
CLL	e Sg	1998/02/03	11:53:24.0						
CLL	e (Sg)	1998/02/03	17:39:42.0						
BRG	e Sg	1998/02/05	21:30:56.9						
CLL	e Sg	1998/02/05	21:31:24.0						
CLL	e Sg	1998/02/05	23:21:29.0						
BRG	e Sg	1998/02/06	07:06:16.9						
MOX	e Pg	1998/02/06	12:20:42.1						
MOX	e Sg	1998/02/06	12:21:04.2						
CLL	e Sg	1998/02/07	03:12:18.0						
BRG	e Sg	1998/02/07	07:45:32.9						
CLL	e (Sg)	1998/02/10	02:03:32.0						
CLL	e (Sg)	1998/02/10	02:20:32.0						
CLL	e (Sg)	1998/02/10	02:21:02.0						
CLL	e (Sg)	1998/02/10	02:22:51.0						



CLL	e	Sg	1998/02/10	10:05:55.0
CLL	e	(Sg)	1998/02/10	19:39:10.0
CLL	e	(Sg)	1998/02/10	19:52:35.0
BRG	e	Sg	1998/02/11	09:33:50.3
CLL	e	Sg	1998/02/11	09:33:24.0
BRG	e	Sg	1998/02/12	16:38:19.2
BRG	i	Sg	1998/02/13	08:56:40.0
BRG	i	Pg	1998/02/13	10:25:59.4
BRG	i	Sg	1998/02/13	10:26:12.5
BRG	e	Sg	1998/02/13	17:40:43.9
MOX	e	Sg	1998/02/14	02:25:33.1
BRG	e	Sg	1998/02/18	22:00:54.8
BHG	i	Pg -	1998/02/20	10:08:47.6
CLL	e	Sg	1998/02/24	10:25:43.0
BRG	e	Sg	1998/02/26	03:17:32.4