

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/03	20:43:12.9		48.950N	7.870E				5					2.3ML		NEIC	
2000/08/03	20:43:12.4		48.956N	7.860E				9		32	12		2.5ML		LDG	L
2000/08/03	20:43:13.8	+ - 0.43	48.990N	7.920E	5.6	4.4	54	10G		15	10	143	2.1ML	GRFO	BGR	L
<b>2000/08/03</b>	<b>20:43:13.1</b>	<b>+ - 0.20</b>	<b>48.930N</b>	<b>7.860E</b>	<b>3.0</b>	<b>2.0</b>	<b>119</b>	<b>7</b>	<b>+ - 2.0</b>	<b>26</b>	<b>15</b>	<b>110</b>	<b>2.1ML</b>		<b>LED</b>	<b>I</b>

N of Haguenuau/F, Rhine Graben

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
LANF	i Pg +	20:43:14.7	-0.0	T		6.9	324.6	
	Sg	20:43:15.5	-0.4	T				
KTD	Sg	20:43:26.8	0.3	T		46.3	20.5	
WLS	Pg	20:43:24.9	0.1	T		68.5	213.1	
	PmP	20:43:26.5	-1.3	T				
LBG	Sg	20:43:33.4	0.6	T				
	e Pg +	20:43:26.1	0.3	T		74.6	113.0	ML 2.3
	i PmP-	20:43:26.9	-1.7	T				
BFO	Sg	20:43:35.2	0.6	T				
	i SmS	20:43:37.6	-1.6	T				
ECH	e Pg Z	20:43:26.6	0.7		8.9	75.1	152.5	
	e Sg N	20:43:37.0	2.4					
STU	PmP	20:43:30.2	-1.3	T		94.7	213.3	
	i SmS	20:43:42.5	-1.6	T				
TOD	e Pg Z	20:43:30.6	0.6		1.4	99.1	99.8	ML 2.3
	e Sg N	20:43:41.8	0.3					
RUP	i Pn -	20:43:30.2	-1.5	T		101.7	42.0	
	Sg	20:43:43.6	1.4	T				
ABH	Pg	20:43:31.1	0.4	T		103.6	326.2	
	i Pg -	20:43:31.5	0.1	T		108.2	348.1	
KIZ	Pg	20:43:32.0	0.5	T		108.4	177.7	ML 2.0
FELD	Pg	20:43:33.5	0.4	T		117.6	174.8	
BEU	e Pg -	20:43:34.0	0.4	T		120.3	108.1	ML 2.2
	Pg	20:43:36.3	0.6	T		133.0	135.5	ML 1.9
GUT	Sg	20:43:51.9	0.7	T				
	Pn	20:43:34.9	-0.9	T		135.3	69.2	ML 2.1
WLF	e Pg Z	20:43:38.0	-0.2		2.3	148.3	304.1	ML 2.0
TNS	e Pg Z	20:43:38.1	-0.4		3.4	149.8	16.2	ML 1.8
	e Sg N	20:43:55.3	-0.6					
HDH	Pg	20:43:43.2	0.2	T		176.3	101.7	ML 2.1
	Sg	20:44:04.2	0.7	T				
UBR	Pg	20:43:50.8	1.0			216.6	129.0	ML 1.9
GRFO	e Pg Z	20:43:57.3	0.5		2.0	257.8	69.6	ML 2.1
	e Sg N	20:44:24.8	-2.0					
FUR	e Sg N	20:44:29.0	0.1			265.4	107.5	ML 2.5
BUG	e Pg N	20:44:00.7	-0.2		1.8	282.3	351.7	
MOX	e Sg N	20:44:46.4	-1.1			330.1	53.3	ML 2.2
WET	e Sg E	20:44:55.9	-1.9			366.5	84.4	ML 2.3
GEC2	e Sn N	20:44:56.6	3.0			427.1	89.1	
	e Sg N	20:45:13.9	-1.3					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/07	21:43:36.1	+ - 4.40	47.120N	11.340E	38.0	30.0	120	10G		19	10	316	2.5ML		LED	L
2000/08/07	21:43:40.0	+ - 1.12	47.290N	11.560E	17.8	15.6	57	10G		7	4	312	2.3ML		SZGRF	L
<b>2000/08/07</b>	<b>21:43:36.7</b>	<b>+ - 0.72</b>	<b>47.190N</b>	<b>11.350E</b>	<b>7.8</b>	<b>5.6</b>	<b>168</b>	<b>10G</b>		<b>14</b>	<b>7</b>	<b>257</b>	<b>2.3ML</b>	<b>WET</b>	<b>BGR</b>	<b>L</b>

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
SCE	i Pg +	21:43:40.0	-2.4			32.0	121.6	
	i Sg	21:43:43.3	-3.0					
OGA	i Pg +	21:43:43.3	-1.0			43.5	214.6	
	i Sg	21:43:48.8	-0.6					
UBR	Pn	21:43:55.1	-0.7			108.2	300.8	ML 2.5
	Pg	21:43:57.7	2.6					
	Sn	21:44:09.3	0.1					
	Sg	21:44:12.9	5.2					
FUR	e Pg Z	21:43:54.9	-0.2	T	2.8	108.3	357.1	ML 3.0
	e Sg E	21:44:08.7	0.9	T	26.8			
HDH	Pg	21:44:06.2	-0.6			176.9	331.6	ML 2.9
	Sn	21:44:25.2	1.5					
	Sg	21:44:28.7	1.3					
GUT	Pg	21:44:08.8	-0.8			194.0	301.1	ML 2.5
	Sg	21:44:32.3	0.2					
BEU	Sn	21:44:32.7	1.6			211.7	317.8	ML 2.5
	Sg	21:44:37.1	-0.1					
SLE	i Pg +	21:44:13.7	-1.0			224.0	287.7	
	Sg	21:44:41.1	0.3					
WET	e Pn Z	21:44:12.7	0.2	T	5.3	245.0	27.0	ML 2.3
	e Sn N	21:44:40.2	2.1	T	3.1			
	e Sg E	21:44:46.3	-0.5	T	2.2			
LBG	Sn	21:44:40.7	1.3			251.2	311.7	ML 2.5
	Sg	21:44:47.8	-0.7					
GEC2	e Pn Z	21:44:13.9	0.4	T	2.6	253.9	42.7	ML 2.3
	e Pg Z	21:44:20.3	0.5	T	2.5			
	e Sn N	21:44:42.8	2.9	T	4.2			
	e Sg N	21:44:47.8	-1.5					
BFO	e Pn Z	21:44:15.8	1.6	T	4.6	258.9	300.4	ML 2.1
	e Sg N	21:44:50.7	-0.0	T	1.7			
FELD	Sg	21:44:51.7	-0.1			262.5	288.1	
KIZ	Pg	21:44:24.4	1.7			271.1	289.6	ML 2.2
	Sg	21:44:53.9	-0.3					
SIND	Pg	21:44:22.5	-0.4			272.5	332.4	ML 2.6
	Sg	21:44:55.1	0.4					
GRFO	e Sn N	21:44:46.1	1.0	T	1.5	278.2	358.1	ML 2.3
GRA1	e Pn Z	21:44:22.5	5.9			278.4	358.1	ML 2.4
	e Sg N	21:44:55.7	-0.6					
MOX	e Sn E	21:45:10.0	2.4	T	3.2	384.6	2.8	ML 2.7
	e Sg E	21:45:26.4	-0.3	T	1.3			
TNS	e Pn Z	21:44:32.7	1.5	T	3.1	398.7	328.8	
CLL	e Sg	21:45:52.0	0.0			473.3	14.1	

Date Origin Time OT\_err Lat Long Smajor Sminor Az Depth D\_err Ndef Nsta Gap Mag Ref Source Ev\_type  
2000/08/08 02:29:40.0 +- 1.09 51.590N 6.590E 16.7 6.7 117 1G 6 5 216 2.0ML SZGRF I

Moers, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg Z	02:29:47.4	-1.0	T		49.9	109.2	
IBBN	e Sg N	02:30:13.5	1.2	T		112.9	44.6	ML 2.0
TNS	e Pg Z	02:30:12.0	-1.9	T		200.2	138.7	
	e Sg N	02:30:38.9	1.8	T				

WLF	e	Sg	E	02:30:41.6	-0.2	T			216.3	188.4							
CLZ	e	Sg	E	02:30:53.7	-1.1	T			262.0	82.4							

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/08	07:17:46.0		47.320N	11.070E				5					2.5ML		NEIC	
<b>2000/08/08</b>	<b>07:17:21.6</b>	<b>+- 1.37</b>	<b>47.120N</b>	<b>9.380E</b>	<b>13.3</b>	<b>5.6</b>	<b>12</b>	<b>10G</b>		<b>7</b>	<b>5</b>	<b>272</b>	<b>1.8ML</b>	<b>BFO</b>	<b>BGR</b>	<b>L</b>

Vaduz/Liechtenstein, Swiss-Liechtenstein-Austrian border reg

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z	07:17:48.3	0.3	T	2.1	155.8	330.1	ML 1.8
	e Sg	N	07:18:06.5	0.3	T				
STU	e Sg	E	07:18:14.1	-0.1	T		184.1	355.7	ML 2.4
GRFO	e Sg	N	07:18:51.7	-0.3	T		316.5	24.7	
WET	e Sg	E	07:19:00.6	0.9	T		343.5	47.8	ML 2.4
GEC2	e Pg	Z	07:18:24.7	-0.3	T	1.6	374.4	57.6	ML 2.4
	e Sg	N	07:19:08.7	0.1	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/12	14:27:27.9	+- 0.97	59.500N	5.720E	22.2	14.5	68	10G		14	9	329	4.9ML		SZGRF	L

SOUTHERN NORWAY

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BSEG	e Pn	Z	14:28:57.9	1.4	T		679.0	153.7	
IBBN	e Pn	Z	14:29:12.5	0.0	T		809.7	170.1	ML 5.0
	e Sn	E	14:30:34.3	5.7	T				
CLZ	e Pn	Z	14:29:24.3	0.9	T		899.6	159.1	ML 4.9
	e Sn	E	14:30:50.5	2.9	T				
BUG	e Pn	Z	14:29:24.4	0.7	T		901.4	173.1	ML 4.9
	e Sn	N	14:30:53.3	5.3	T				
CLL	e Pn	Z	14:29:38.8	0.8	T		1019.0	150.2	
	e Sn	E	14:31:19.7	6.8	T				
MOX	e Pn	Z	14:29:43.0	0.8	T		1052.7	156.7	
BRG	e Pn	Z	14:29:48.0	1.3	T		1090.2	148.0	
	e Sn	E	14:31:32.3	4.3	T				
WLF	e Pn	Z	14:29:47.8	0.7	T		1093.9	178.4	
WET	e Pn	Z	14:30:07.4	2.5	T		1239.8	155.1	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/12	15:36:58.3		47.010N	6.955E				2		17	10		2.1ML		LDG	L

La Chaux-de-Fonds/CH, French-Swiss border region

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z	15:37:28.4	-0.3		3.2	179.3	34.5	
	e Sg	N	15:37:49.0	-0.5					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/13	01:07:04.4		47.702N	8.876E				7					2.8ML		NEIC	

2000/08/13 01:07:04.4		47.702N	8.876E				7G	38	14		2.6ML	LDG	L
2000/08/13 01:07:03.2 +- 0.70	47.800N	8.970E	8.9	4.4	14	10G		13	7	245	2.5ML	SZGRF	L
2000/08/13 01:07:03.5 +- 0.61	47.870N	9.030E	8.9	4.4	13	10G		16	10	236	2.5ML	STU	BGR
<b>2000/08/13 01:07:03.0 +- 0.21</b>	<b>47.773N</b>	<b>8.963E</b>	<b>2.9</b>	<b>1.5</b>	<b>333</b>	<b>10</b>	<b>+- 1.7</b>	<b>44</b>	<b>20</b>	<b>156</b>	<b>2.8ML</b>	<b>LED</b>	<b>L</b>

Singen/Hohentwiel, Swiss-German border region

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
GUT	i Pg +	01:07:09.1	-0.1	T		35.0	18.9	ML 2.8
	i Sg	01:07:13.7	0.2	T				
SLE	i Pg +	01:07:09.2	-0.0	T		35.1	268.9	
SPAK	i Pg -	01:07:09.9	0.1	T		38.9	340.3	
	Sg	01:07:14.6	0.1	T				
FELD	i Pg +	01:07:15.4	-0.1	T		72.5	279.5	
	PmP	01:07:16.9	-1.1	T				
	i SmS	01:07:26.7	-1.5	T				
BFO	e Pg Z	01:07:16.2	-0.2		67.3	77.8	323.0	ML 2.2
	e Sg N	01:07:25.0	-0.4					
KIZ	Pg	01:07:16.5	-0.3	T		80.6	285.0	ML 3.1
	PmP	01:07:17.3	-1.8	T				
	Sg	01:07:26.4	0.2	T				
	i SmS	01:07:28.2	-1.9	T				
UBR	e Pg +	01:07:18.1	0.4	T		86.2	96.4	ML 2.5
	Sg	01:07:28.9	1.0	T				
	e SmS	01:07:31.3	-0.2	T				
FBB	Sg	01:07:29.5	1.6	T		86.6	287.5	
BEU	i Pn +	01:07:19.5	-1.2	T		96.2	20.2	ML 2.9
	i Pg +	01:07:19.9	0.5	T				
	i PmP+	01:07:20.3	-1.1	T				
	Sn	01:07:31.4	-1.6	T				
	e Sg	01:07:32.1	1.4	T				
	i SmS	01:07:32.9	-1.1	T				
LBG	e Pn -	01:07:19.8	-1.3	T		99.8	352.9	ML 2.3
	e Pg +	01:07:20.3	0.3	T				
	Sg	01:07:31.5	-0.2	T				
LIBD	Pg	01:07:22.4	0.7	T		109.6	293.0	
	Sg	01:07:35.7	1.2	T				
STU	e Pg Z	01:07:21.5	-0.6		9.5	112.3	8.6	ML 2.5
	e Sg N	01:07:34.9	-0.4					
BBS	i Pn +	01:07:22.0	-0.9	T		114.2	253.1	
	e Pg	01:07:22.6	0.1	T				
HDH	Pn	01:07:23.8	-0.9	T		129.0	45.2	ML 2.9
	i Pg +	01:07:25.0	0.1	T				
	Sg	01:07:40.5	0.5	T				
	SmS	01:07:42.2	-0.4	T				
MOF	Pg	01:07:26.5	0.2	T		136.9	274.3	
WLS	Pg	01:07:26.1	-0.5	T		139.1	301.4	
ECH	i Pg -	01:07:27.4	0.1	T		143.0	290.8	
LANF	Pg	01:07:30.2	0.2	T		159.2	327.9	
LOMF	i Pg +	01:07:31.5	0.1	T		167.0	254.5	
FUR	e Pg Z	01:07:32.7	-0.4		10.9	177.5	75.0	ML 2.5
	e Sg E	01:07:53.5	-0.3					
SIND	i Pn -	01:07:29.3	-1.7	T		181.5	14.9	ML 2.8
	i Pg +	01:07:33.7	-0.2	T				
	Sn	01:07:50.0	-1.0	T				
	Sg	01:07:54.6	-0.4	T				
TOD	Pg	01:07:37.2	-0.4	T		204.1	356.8	
ABH	Pg	01:07:46.7	0.2	T		256.3	336.7	

GRA1	e	Pn	Z	01:07:43.9	2.0			270.1	37.0	ML	2.8
	e	Sg	N	01:08:19.9	-0.3						
WLF	e	Sg	N	01:08:24.2	-3.0			294.5	316.6	ML	2.5
WET	e	Pn	Z	01:07:48.1	-0.6			326.4	60.7	ML	2.7
	e	Pg	Z	01:07:56.8	-1.6	3.6					
	e	Sg	N	01:08:33.8	-2.5						
GEC2	e	Pn	Z	01:07:54.2	0.2	2.5		370.1	69.5	ML	2.5
	e	Pg	Z	01:08:03.5	-2.3	2.8					
	e	Sg	N	01:08:46.9	-2.0						
MOX	e	Pg		01:08:06.7	0.4			372.9	30.1	ML	2.7
	e	Sg	E	01:08:47.0	-2.6						
CLZ	e	Sg	N	01:09:10.8	-4.7			463.5	12.1	ML	2.8
CLL	e	Sg	N	01:09:19.5	-3.4			489.1	35.0	ML	3.1
BRG	e	Sg	N	01:09:22.2	-3.4			498.9	44.4	ML	2.9

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/13	03:32:23.1			51.653N	6.596E				1G		12	7		2.6ML		LDG	L
2000/08/13	03:32:23.4	+-	0.66	51.490N	6.690E	12.2	5.6	124	1G		7	4	207	1.4ML	BUG	BGR	I
<b>2000/08/13</b>	<b>03:32:23.5</b>			<b>51.449N</b>	<b>6.661E</b>				<b>1G</b>					<b>1.1ML</b>		<b>BUG</b>	<b>I</b>

Moers, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg + Z	03:32:31.7	1.1	TA		42.1	91.0	ML 1.1
	e Sg N	03:32:36.1	0.5					
IBBN	e Pg Z	03:32:43.5	-0.5		2.5	121.5	37.8	ML 1.8
	e Sg N	03:32:56.4	-1.8					
WLF	e Pg Z	03:32:59.1	1.4		1.7	201.6	190.5	ML 1.9
	e Sg N	03:33:21.5	0.4					
CLZ	e Sg N	03:33:35.1	-2.6			259.7	78.9	ML 1.9

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/15	19:55:35.5			47.163N	9.368E				2		24	11		2.6ML		LDG	L
2000/08/15	19:55:33.8	+-	0.85	47.160N	9.460E	10.0	5.6	11	10G		12	7	269	2.4ML	FUR	BGR	L
<b>2000/08/15</b>	<b>19:55:35.2</b>	+-	<b>0.90</b>	<b>47.220N</b>	<b>9.470E</b>	<b>9.0</b>	<b>5.0</b>	<b>331</b>	<b>10G</b>		<b>25</b>	<b>12</b>	<b>231</b>	<b>2.4ML</b>		<b>LED</b>	<b>L</b>

Feldkirch/A, Swiss-Liechtenstein-Austrian border region

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
UBR	e Pg	19:55:47.0	-0.2	T		70.2	42.9	ML 1.9
	e Sg	19:55:57.2	1.7	T				
GUT	e Pg -	19:55:51.4	-0.6	T		98.2	344.4	ML 2.4
	e PmP	19:55:52.4	-1.5	T				
	e Sg	19:56:04.0	0.6					
	e SmS	19:56:05.9	-0.8	T				
SPAK	e Pg -	19:55:53.7	-0.3	T		110.7	332.7	
	e Sg	19:56:07.8	0.8	T				
FELD	e Pn -	19:55:56.3	-0.9	T		132.0	304.1	
	e Sn	19:56:12.3	-0.5	T				
KIZ	e Pn -	19:55:58.3	-0.1	T		142.3	305.7	ML 2.7
	e Pg	19:55:59.1	-0.3	T				
	e Sn	19:56:14.9	0.0					
	e Sg	19:56:15.7	-0.3	T				

BFO	e Pn N	19:55:58.9	-0.5			1.1	150.0	325.8	ML	2.1
	e Pg Z	19:56:00.0	-0.6			4.2				
	e (Sn) N	19:56:16.2	-0.3							
	e Sg N	19:56:18.1	-0.1							
BBS	e Pn +	19:55:58.7	-0.7	T			150.2	281.1		
	e Sn	19:56:18.2	1.6							
BEU	e Pn -	19:55:58.8	-0.8	T			151.7	358.5	ML	2.4
	e Pg	19:56:00.6	-0.4	T						
	e PmP	19:56:02.1	-0.1	T						
	e Sn	19:56:17.3	0.4	T						
	e Sg	19:56:19.6	0.9	T						
HDH	e Pg	19:56:01.9	-0.7	T			161.3	19.6	ML	2.4
	e Sg	19:56:21.9	0.5	T						
LBG	e Pg	19:56:03.7	-0.1	T			168.2	342.8	ML	2.7
	e Sg	19:56:23.5	0.1	T						
FUR	e Sg E	19:56:25.6	1.5				171.0	51.5	ML	2.4
STU	e Sg E	19:56:25.5	0.6				173.7	353.3	ML	2.5
MOF	e Sg	19:56:28.6	-0.6	T			189.0	292.7		
LOMF	e Pn +	19:56:05.0	-0.5	T			199.8	275.1		
WLS	e Sg	19:56:33.7	-0.5	T			206.3	310.8		
SIND	Pn	19:56:08.4	-1.6				236.9	2.4	ML	2.2
	Pg	19:56:15.4	-0.0							
	Sn	19:56:34.5	-0.4							
GRFO	e Sg N	19:57:03.5	1.5				303.5	24.5		
WET	e Pn Z	19:56:21.1	-0.3			2.7	331.0	48.5	ML	2.3
	e Pg Z	19:56:30.3	-1.0							
	e (Sn) N	19:56:56.9	2.1							
	e Sg N	19:57:09.7	-0.1							
TNS	e Sg N	19:57:12.7	-0.3				342.2	347.7	ML	2.7
GEC2	e Pg Z	19:56:36.4	-0.3			3.6	362.8	58.6	ML	2.3
	e Sg N	19:57:16.6	-2.3							

Date Origin Time OT\_err Lat Long Smajor Sminor Az Depth D\_err Ndef Nsta Gap Mag Ref Source Ev\_type  
**2000/08/16 13:04:39.7 +- 0.51 49.490N 6.610E 11.1 5.6 21 1G 5 3 165 2.1ML TNS BGR I**

Merzig, NW of Saarbruecken, Luxembourg-French-German border

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg Z	13:04:44.5	-1.8	T	8.1	38.3	300.6	ML 2.3
	e Sg N	13:04:52.0	1.3	T				
TNS	e Pg Z	13:05:05.8	-0.2	T	5.3	154.8	57.6	ML 2.1
	e Sg N	13:05:24.4	0.4	T				
BFO	e Sg N	13:05:31.7	0.5	T		180.1	135.1	ML 1.7

Date Origin Time OT\_err Lat Long Smajor Sminor Az Depth D\_err Ndef Nsta Gap Mag Ref Source Ev\_type  
**2000/08/17 03:22:18.2 +- 0.60 51.490N 16.200E 6.7 5.6 83 1G 18 9 267 4.0ML SZGRF I**

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pn Z	03:22:46.6	0.5	T		171.6	247.3	ML 3.9
	e Sg N	03:23:08.4	1.1	T				
RUE	e Pn Z	03:22:49.1	-0.3	T		198.7	304.4	ML 3.8
	e Sg N	03:23:15.4	0.5	T				

CLL	e	Pn	Z	03:22:51.7	-0.6	T	222.7	266.0	ML	3.7
	e	Sg	N	03:23:21.1	-0.8	T				
MOX	e	Pn	Z	03:23:06.9	1.1	T	333.8	255.4	ML	4.2
	e	Sg	N	03:23:54.9	1.3	T				
GEC2	e	Pn	Z	03:23:08.1	1.0	T	343.7	212.1	ML	3.7
	e	Sg	N	03:23:55.8	-0.6	T				
WET	e	Pn	Z	03:23:09.8	1.8	T	351.6	223.4	ML	3.8
	e	Sg	N	03:23:58.9	0.3	T				
CLZ	e	Pn	Z	03:23:16.1	1.7	T	403.7	277.8	ML	3.9
	e	Sg	N	03:24:14.8	1.3	T				
GRA1	e	Pn	Z	03:23:16.7	2.2	T	404.2	242.3	ML	4.4
	e	Sg	N	03:24:14.2	0.5	T				
TNS	e	Pn	Z	03:23:35.0	1.3	T	561.8	258.5	ML	4.3
	e	Sg	N	03:24:57.6	-1.2	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/17	07:14:08.5		47.039N	8.463E				10					3.2ML		NEIC	
2000/08/17	07:14:07.2 +- 1.07		46.950N	8.560E	10.0	6.7	29	10G		10	7	294	2.9ML		SZGRF	L
2000/08/17	07:14:08.0 +- 0.76		47.000N	8.490E	7.8	4.4	14	10G		17	10	270	2.8ML	BFO	BGR	L
<b>2000/08/17</b>	<b>07:14:08.9 +- 0.80</b>		<b>46.990N</b>	<b>8.480E</b>	<b>8.0</b>	<b>4.0</b>	<b>346</b>	<b>15</b>	<b>+- 3.0</b>	<b>40</b>	<b>16</b>	<b>230</b>	<b>3.1ML</b>		<b>LED</b>	<b>L</b>

Southern Vierwaldstaetter See/CH

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BBS	e Pn -	07:14:23.7	-1.5	T		90.3	306.1	
	e Pg	07:14:25.0	0.6	T				
FELD	e Pn -	07:14:26.0	-1.0	T		104.9	340.2	
	e Pg	07:14:27.0	0.2	T				
	e Sg	07:14:40.8	1.6	T				
KIZ	e Pn -	07:14:27.6	-0.6	T		115.4	338.7	ML 3.3
	e Pg +	07:14:28.3	-0.3	T				
	e Sn	07:14:41.9	-0.1	T				
	e Sg	07:14:43.2	1.0	T				
FBB	e Pg -	07:14:29.3	-0.4	T		121.9	337.5	
	e Sg	07:14:44.8	0.8	T				
SPAK	e Pg +	07:14:30.5	0.1	T		125.8	10.4	
	e Sg	07:14:45.8	0.7	T				
GUT	e Pn	07:14:29.6	-0.3	T		129.3	21.4	ML 3.4
	e Pg -	07:14:30.3	-0.6	T				
	e Sn	07:14:45.8	0.9	T				
	e Sg	07:14:47.0	0.9	T				
LOMF	e Pn	07:14:30.4	0.2	T		131.2	288.4	
	e Pg	07:14:31.1	-0.2	T				
	e Sg	07:14:47.0	0.4	T				
MOF	e Pg -	07:14:32.0	-0.6	T		139.5	313.9	
	e Sg	07:14:48.7	-0.3	T				
UBR	e Pn +	07:14:32.6	0.8	T		144.7	57.4	ML 2.8
	e PmP	07:14:33.9	-0.7	T				
LIBD	e Pg -	07:14:33.2	-0.4	T		144.8	333.3	
	e Sg	07:14:50.9	0.4	T				
BFO	e Pn Z	07:14:31.9	-0.5		7.2	149.4	355.7	ML 2.8
	e Pg Z	07:14:33.4	-1.0		22.6			
	e Sg E	07:14:49.8	-2.1					
ECH	e Pn -	07:14:34.8	0.0	T		168.5	324.5	
	e Pg	07:14:37.1	-0.4	T				
WLS	e Pn -	07:14:36.1	0.0	T		179.3	332.4	

		e	Sg		07:14:59.9	-0.4		T										
LBG		e	Pn		07:14:36.2	-0.9		T	187.6	7.1		ML	3.1					
		e	Pg		07:14:40.1	-0.7		T										
			Sn		07:14:57.3	0.1												
		e	Sg		07:15:02.5	-0.2		T										
BEU		e	Pg		07:14:40.6	-0.6		T	190.5	21.2		ML	3.1					
		e	Sn		07:14:58.6	0.8		T										
		e	Sg		07:15:03.4	-0.1		T										
OGA		i	Pg	-	07:14:41.8	-0.0			193.7	93.1								
STU		e	Sg	N	07:15:05.7	-1.9			205.0	14.8		ML	3.1					
HDH		e	Pn	+	07:14:40.0	-1.0		T	219.2	35.4		ML	3.1					
		e	Pg		07:14:45.0	-1.2		T										
		e	Sg		07:15:11.3	-0.4		T										
LANF		e	Pn	-	07:14:41.9	0.0		T	227.0	347.5								
FUR		e	Sg	N	07:15:20.3	0.7			246.9	57.1		ML	3.1					
KTD		e	Sn		07:15:14.4	1.7			260.8	353.7								
SIND		e	Pn		07:14:46.5	-1.3			275.2	17.2		ML	3.1					
		e	Pg		07:14:54.6	-1.0												
		e	Sg		07:15:27.0	-0.6												
TOD		e	Sn		07:15:21.1	1.8			291.8	4.6								
RUP			Pg		07:15:02.3	-0.8			319.2	341.3								
ABH		e	Pn		07:14:54.8	0.5			328.8	348.3								
		e	Pg		07:15:03.4	-1.3												
WLF		e	Pg	Z	07:15:05.9	-1.3			1.6	343.5	330.8	ML	2.9					
		e	Sg	E	07:15:45.9	-1.3												
TNS		e	Pn	Z	07:14:57.8	-0.3			1.9	359.4	359.6	ML	3.0					
		e	Sn	E	07:15:35.1	1.5												
		e	Sg	E	07:15:50.4	-1.3												
GRFO		e	Sg	N	07:15:51.3	-1.2				362.2	33.0	ML	3.2					
WET		e	Sg	E	07:16:03.3	-1.4				405.1	52.1	ML	3.2					
GEC2		e	Pn	Z	07:15:07.4	-0.5			2.0	440.3	60.2	ML	3.1					
		e	Pg	Z	07:15:20.8	-2.8			2.1									
		e	(Sn)	N	07:15:53.2	2.6												
		e	Sg	N	07:16:13.7	-1.0												
MOX		e	Pg		07:15:34.4	6.4				466.6	28.3	ML	3.3					
		e	Sg	N	07:16:20.1	-2.2												
CLZ		e	Sg	E	07:16:47.2	-0.8				556.5	13.5	ML	3.4					
CLL		e	Sg	N	07:16:55.8	0.6				581.7	32.7	ML	3.4					
BRG		e	Pn	Z	07:15:26.2	0.4				587.6	40.7	ML	3.2					
		e	Sg	N	07:16:56.3	-0.6												

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/17	14:40:04.1		48.580N	6.900E				2					2.2ML		NEIC	
2000/08/17	14:40:05.7	+ - 0.76	48.680N	7.030E	11.1	4.4	42	10G		6	4	218	1.8ML	TNS	BGR	L
<b>2000/08/17</b>	<b>14:40:04.5</b>	<b>+ - 0.90</b>	<b>48.590N</b>	<b>6.930E</b>	<b>8.0</b>	<b>6.0</b>	<b>120</b>	<b>10G</b>		<b>16</b>	<b>9</b>	<b>194</b>	<b>1.9ML</b>		<b>LED</b>	<b>L</b>

Sarrebourg/F, Northern Vosges Mountains

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLS	e Pg -	14:40:11.1	0.1	T		36.9	122.1	
	e Sg	14:40:15.7	0.2	T				
ECH	e Pg -	14:40:12.2	-0.0	T		44.9	157.9	
	e Sg	14:40:17.7	0.1	T				
MOF	e Pg	14:40:18.6	-0.2	T		83.5	169.5	
	e Sg	14:40:29.7	1.2	T				
KIZ	e Pn	14:40:21.5	-1.3	T		101.6	133.6	ML 1.7



	e	Sg		14:40:31.7	-3.9														
BFO	e	Pg	Z	14:40:23.1	0.4		2.9	107.2	105.1					ML	1.7				
	e	Sg	E	14:40:35.3	0.0														
FELD	e	Pg		14:40:23.5	-0.1							112.4	134.5						
	e	Sg		14:40:37.9	1.1														
WLF	e	Pg	Z	14:40:26.7	-0.2		2.8	132.2	335.0										
	e	Sg	E	14:40:42.2	-0.2														
LBG	e	Pg	-	14:40:28.0	0.2							137.3	85.9	ML	1.9				
	e	Sg		14:40:44.5	0.6														
LOMF	e	Sg		14:40:43.5	-0.6							138.0	183.2						
ABH	e	Sg		14:40:46.7	-0.9							150.5	17.1						
GUT	e	Pg		14:40:33.9	0.3							171.5	108.9	ML	1.9				
	e	Sg		14:40:54.0	0.4														
TNS	e	Sg	E	14:41:02.4	-2.7							212.1	30.6	ML	1.8				
UBR		Sg		14:41:18.7	0.8							256.6	112.0	ML	1.9				
GRFO	e	Pg	Z	14:41:01.4	0.0		1.1	335.2	67.0										

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/17	20:04:12.9	+/- 0.43	51.620N	7.730E	6.7	4.4	151	1G		7	4	123	2.0ML		SZGRF	I
<b>2000/08/17</b>	<b>20:04:10.5</b>		<b>51.646N</b>	<b>7.761E</b>				<b>1G</b>					<b>1.7ML</b>		<b>BUG</b>	<b>I</b>

Hamm/Westfalen, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg + Z	20:04:18.5	1.1	TA		41.0	236.3	ML 1.7
	e Sg N	20:04:24.2	2.0					
IBBN	e Pg Z	20:04:25.2	2.2			73.5	359.8	
TNS	e Pg Z	20:04:39.8	1.2			165.4	162.8	
	e Sg N	20:04:59.5	1.7					
CLZ	e Pg Z	20:04:43.2	2.0			181.1	82.1	
	e Sg N	20:05:05.1	2.9					
MOX	e (Pg)	20:05:00.0	0.2			291.0	111.0	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/18	22:42:57.1		47.401N	9.752E				10					2.5ML		NEIC	
2000/08/18	22:42:54.5	+/- 0.85	47.070N	9.650E	7.8	4.4	8	10G		10	7	269	1.7ML	BFO	BGR	L
2000/08/18	22:42:53.9	+/- 0.93	47.060N	9.560E	12.2	6.7	10	10G		10	6	271			SZGRF	L
<b>2000/08/18</b>	<b>22:42:54.8</b>	<b>+/- 0.90</b>	<b>47.080N</b>	<b>9.550E</b>	<b>10.0</b>	<b>5.0</b>	<b>346</b>	<b>10G</b>		<b>19</b>	<b>8</b>	<b>253</b>	<b>2.3ML</b>		<b>LED</b>	<b>L</b>

Vaduz/Liechtenstein, Swiss-Liechtenstein-Austrian border reg

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
UBR	e Pg +	22:43:08.6	0.3	T		78.9	32.0	ML 2.0
GUT	e Pn	22:43:13.6	-1.1	T		114.9	343.7	ML 2.3
	e Pg	22:43:14.5	0.1	T				
SPAK	e Pg -	22:43:16.5	0.1	T		127.3	333.5	
	e Sg	22:43:31.9	0.6	T				
FELD	e Pn -	22:43:18.1	-0.4	T		146.1	307.9	
	e Pg	22:43:19.1	-0.5	T				
	e Sg	22:43:36.6	-0.0	T				
KIZ	e Pn	22:43:19.1	-0.7	T		156.5	309.1	ML 2.5
	e Pg	22:43:20.6	-0.8	T				
	e Sg	22:43:39.0	-0.6	T				

BBS	e	Sg		22:43:40.2	-0.4	T		159.8	286.3								
BFO	e	Pg	Z	22:43:21.8	-1.2			166.3	327.1	ML	1.7						
	e	Sg	N	22:43:41.4	-1.0												
BEU	e	Pn		22:43:20.6	-0.5	T		167.5	356.6	ML	2.5						
	e	Pg		22:43:22.9	-0.4	T											
	e	Sn		22:43:39.8	-0.1	T											
	e	Sg		22:43:43.1	0.4	T											
HDH	e	Pn		22:43:21.3	-0.6	T		174.3	16.1	ML	2.3						
	e	Pg		22:43:23.6	-0.7	T											
	e	Sg		22:43:45.0	0.3	T											
FUR	e	Pg	Z	22:43:24.1	-0.7			176.7	46.4	ML	2.3						
	e	Sg	N	22:43:46.3	0.9												
STU	e	Sg	N	22:43:48.5	-0.6			189.9	352.1	ML	2.3						
SIND		Pg		22:43:37.9	0.3			252.3	0.9	ML	2.2						
GRFO	e	Sg	E	22:44:23.9	-1.0			315.4	22.4	ML	2.4						
GRA1	e	Sg	N	22:44:25.4	0.4			315.6	22.4								
WET	e	Pn	Z	22:43:41.6	-0.2			337.2	45.9	ML	2.1						
	e	Sg	N	22:44:29.2	-1.9												
GEC2	e	Pn	Z	22:43:45.1	-0.2			366.1	56.1								
	e	Sg	N	22:44:37.9	-1.5												
MOX	e	Sg	N	22:44:55.4	-0.6			424.1	20.1	ML	2.5						

Date Origin Time OT\_err Lat Long Smajor Sminor Az Depth D\_err Ndef Nsta Gap Mag Ref Source Ev\_type  
2000/08/19 16:51:53.3 +- 0.57 51.620N 6.860E 10.0 4.4 108 1G 11 6 205 2.4ML TNS BGR I

Dorsten, N of Bottrop

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag	
BUG	e Pg Z	16:51:59.6	0.5	T	43.9	34.6	125.0	ML 2.1	
	e Sg E	16:52:04.2	1.0	T					
IBBN	e Pg Z	16:52:08.9	-1.0	T	11.6	98.0	38.4	ML 2.4	
	e Sg E	16:52:21.6	0.4	T					
TNS	e Pg Z	16:52:24.1	-1.6	T	6.5	191.1	143.8	ML 2.4	
	e Sg E	16:52:46.7	-1.2	T					
WLF	e Pg Z	16:52:31.4	0.3	T	3.5	223.1	193.2	ML 2.2	
	e Sg E	16:52:56.6	-0.4	T					
MOX	e Pn Z	16:52:43.2	0.4	T	1.6	349.0	106.2	ML 2.6	
	e (Sn)	16:53:17.7	-0.7						
	e Sg N	16:53:30.3	-2.7						
BFO	e Pn Z	16:52:47.4	0.7	T	3.4	380.6	163.4		
	e Sn E	16:53:26.1	1.0	T					

Date Origin Time OT\_err Lat Long Smajor Sminor Az Depth D\_err Ndef Nsta Gap Mag Ref Source Ev\_type  
2000/08/20 12:29:37.7 +- 0.49 49.200N 6.970E 7.8 4.4 42 1G 7 5 177 2.0ML BFO BGR I  
2000/08/20 12:29:37.7 +- 0.50 49.150N 6.860E 7.0 3.0 84 1G 22 12 201 2.1ML LED I

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag	
RUP	i Pg -	12:29:48.7	0.3	T		63.0	13.1		
	e Sg	12:29:58.2	2.5	T					
LANF	e Pg -	12:29:50.1	0.3	T		71.4	104.9		

WLF	e	Pg	Z	12:29:51.2	0.5			25.2	76.8	318.4	ML	1.9				
	e	Sg	E	12:30:00.6	0.9											
WLS	e	Pg	-	12:29:52.9	0.0	T			89.6	156.0						
	e	SmS		12:30:06.7	-1.7	T										
KTD	e	Pg	+	12:29:53.2	0.1	T			90.8	77.5						
	e	PmP		12:29:54.8	-1.3	T										
ABH	e	Pg		12:29:53.6	-0.2	T			95.3	31.1						
	e	PmP		12:29:55.2	-1.5	T										
ECH	e	PmP		12:29:56.9	-1.4	T			106.2	168.0						
	e	SmS		12:30:11.3	-1.1	T										
BFO	e	Pg	Z	12:30:00.7	-0.9			17.5	141.1	129.7	ML	2.0				
	e	Sg	N	12:30:17.4	-0.6											
MOF	e	Pg		12:30:02.7	0.3	T			145.8	172.0						
	e	Sg		12:30:20.8	1.5	T										
TOD	e	Pn	-	12:30:01.3	-1.6	T			149.6	69.5						
	e	Sn		12:30:20.8	0.1	T										
KIZ	e	Pg		12:30:03.8	0.0	T			153.9	149.2	ML	2.0				
	e	Sg		12:30:22.5	0.8	T										
FELD	e	Pg	+	12:30:05.8	0.2	T			164.8	148.8						
	e	Sg		12:30:25.7	1.0	T										
TNS	e	Pg	Z	12:30:03.7	-2.0			10.7	165.1	43.2	ML	2.0				
	e	Sg	E	12:30:25.6	0.7											
BEU	e	Sg		12:30:36.2	2.2	T			197.2	107.6	ML	2.2				
SIND	e	Pn		12:30:07.3	-1.8	T			200.5	82.6	ML	2.1				
	e	Pg		12:30:11.1	-0.6	T										
	e	PmP		12:30:14.9	1.7											
HDH		Sg		12:30:51.0	1.1				252.7	103.1	ML	2.0				
BUG	e	Sg	E	12:30:48.7	-2.3				256.3	6.4	ML	2.3				
UBR		Pn		12:30:20.9	0.9				290.0	123.1	ML	2.2				
	e	Pg		12:30:28.9	2.0											
GRFO	e	Sg	N	12:31:07.9	-1.5				321.0	77.6						

Date Origin Time OT\_err Lat Long Smajor Sminor Az Depth D\_err Ndef Nsta Gap Mag Ref Source Ev\_type  
2000/08/20 13:01:04.9 +- 0.81 51.610N 6.980E 15.6 6.7 87 1G 27.5 133.2 8 5 229 2.1ML TNS BGR I

Dorsten, N of Bottrop

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg Z	13:01:10.5	0.9	T	27.0	27.5	133.2	ML 1.5
	e Sg E	13:01:15.0	2.3	T				
IBBN	e Pg Z	13:01:20.2	-0.6	T	12.1	94.0	34.2	ML 2.0
	e Sg E	13:01:32.7	1.0	T				
TNS	e Pg Z	13:01:34.7	-1.6	T	3.2	185.4	145.7	ML 2.1
	e Sg N	13:01:57.5	-0.3	T				
MOX	e Sg N	13:02:40.9	-1.3	T		340.8	106.5	ML 2.3
BFO	e Pn Z	13:01:58.0	0.1	T	1.9	377.2	164.7	

Date Origin Time OT\_err Lat Long Smajor Sminor Az Depth D\_err Ndef Nsta Gap Mag Ref Source Ev\_type  
2000/08/24 04:58:57.6 47.921N 9.027E 10 58 25 3.5ML NEIC  
2000/08/24 04:58:57.4 47.769N 8.918E 4G 17 11 240 3.2ML LDG L  
2000/08/24 04:58:58.4 +- 0.53 47.890N 9.020E 5.6 2.2 10 10G 23 12 235 3.1ML FUR BGR L  
2000/08/24 04:58:56.8 +- 0.63 47.800N 9.000E 8.9 4.4 14 10G 17 11 240 3.0ML SZGRF L  
2000/08/24 04:58:57.0 47.769N 8.963E 9 27 10 157 3.5ML LED L

## Singen/Hohentwiel, Swiss-German border region

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
SLE	i Pg +	04:59:03.2	0.1	T		35.1	269.7	
SPAK	i Pg -	04:59:04.0	0.1	T		39.3	340.5	
	e Sg	04:59:08.7	0.2	T				
FELD	i Pg +	04:59:09.4	0.0	T		72.6	279.8	
	e PmP	04:59:10.9	-1.1	T				
BFO	e Pg Z	04:59:10.3	-0.1			78.2	323.2	ML 2.8
	e Sg N	04:59:20.5	1.0					
KIZ	e Pg +	04:59:10.6	-0.2	T		80.7	285.3	ML 3.7
	e Sg	04:59:20.5	0.3	T				
	e SmS	04:59:22.5	-1.8	T				
UBR	i Pg +	04:59:12.2	0.5	T		86.2	96.1	ML 3.1
	e Sg	04:59:23.1	1.3	T				
	e SmS	04:59:25.6	0.0	T				
BEU	i Pg +	04:59:13.5	0.1	T		96.6	20.1	ML 3.5
	e PmP+	04:59:14.0	-1.5	T				
	e Sg	04:59:25.5	0.7	T				
	e SmS	04:59:27.0	-1.2	T				
LBG	i Pn -	04:59:13.8	-1.4	T		100.3	352.9	ML 2.9
	e Pg	04:59:14.2	0.1	T				
	e PmP	04:59:14.4	-1.7	T				
	e Sg	04:59:25.7	-0.1	T				
LIBD	e Pg	04:59:16.4	0.7	T		109.8	293.2	
	e Sg	04:59:29.7	1.2	T				
STU	e Pg Z	04:59:15.3	-0.8			112.7	8.6	ML 3.2
	e Sn E	04:59:29.0	-1.6					
	e Sg N	04:59:29.9	0.6					
BBS	e Pn +	04:59:16.1	-0.8	T		114.1	253.3	
	e Pg	04:59:16.7	0.3	T				
HDH	e Pn +	04:59:17.6	-1.2	T		129.3	45.0	ML 3.5
	e Pg +	04:59:19.1	0.1	T				
	e Sn	04:59:32.4	-1.8	T				
	e Sg	04:59:34.5	0.5	T				
MOF	e Pg	04:59:20.6	0.3			137.0	274.5	
WLS	e Pg	04:59:20.7	0.0			139.3	301.5	
	e Sg	04:59:37.3	0.4					
ECH	e Pg	04:59:21.0	-0.3			143.2	291.0	
	e Sn	04:59:35.2	-1.8					
LANF	e Pg	04:59:24.4	0.3			159.6	328.0	
	e Sg	04:59:43.2	0.6					
LOMF	e Pg +	04:59:25.6	0.2			166.8	254.6	
	e Sg	04:59:45.2	0.4					
FUR	e Pg Z	04:59:26.6	-0.5			177.6	74.9	ML 3.1
	e Sg N	04:59:48.4	0.6					
SIND	e Pn -	04:59:23.4	-1.8			181.9	14.8	ML 3.3
	e Pg +	04:59:27.8	-0.1					
	e Sn	04:59:44.2	-1.1					
	e Sg	04:59:48.5	-0.6					
KTD	e Pn -	04:59:24.9	-0.6			184.2	339.8	
	e Pg	04:59:28.7	0.4					
OGA	i Pg -	04:59:28.7	0.3			184.9	122.0	
TOD	e Pn -	04:59:27.0	-1.0			204.6	356.8	
	e Pg	04:59:31.7	0.0					
	e Sg	04:59:55.3	-0.2					
RUP	e Pg	04:59:40.6	0.2			256.2	327.7	

ABH	e	Pn	+	04:59:34.4	0.1				256.7	336.7							
	e	Pg		04:59:40.8	0.3												
GRFO	e	Pg	Z	04:59:41.6	-1.2	2.2		270.3	36.9		ML	3.1					
	e	Sg	N	05:00:12.5	-1.8												
GRA1	e	Sg	N	05:00:13.3	-1.1			270.5	36.9								
TNS	e	Pn	Z	04:59:35.8	-0.8			275.4	352.3		ML	2.7					
	e	Sg	N	05:00:15.3	-0.5												
WLF	e	Pn	Z	04:59:40.4	1.4	1.1		294.8	316.7		ML	2.8					
	e	Sg	N	05:00:19.4	-1.8												
WET	e	Pn	Z	04:59:41.1	-1.7			326.6	60.6		ML	3.3					
	e	Pg	Z	04:59:51.6	-0.7	3.5											
	e	Sg	N	05:00:27.8	-2.6												
GEC2	e	Pn	Z	04:59:48.4	0.2			370.2	69.4		ML	3.1					
	e	Sg	N	05:00:42.3	-0.5												
MOX	e	Pg	Z	04:59:59.5	-0.8	2.4		373.3	30.1		ML	3.3					
	e	Sg	N	05:00:41.9	-1.8												
CLZ	e	Pg	Z	05:00:13.9	-1.7	1.9		464.0	12.1		ML	3.2					
	e	Sg	N	05:01:08.6	-1.0												
CLL	i	Sn		05:00:52.2	1.9			489.5	35.0		ML	3.6					
	e	Sg	E	05:01:13.7	-3.2												
BRG	e	Sg	Z	05:01:16.3	-3.4			499.2	44.4		ML	3.4					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/25	07:21:49.1	+ - 0.42	51.600N	7.750E	6.7	4.4	146	1G		8	5	118	2.4ML	CLZ	BGR	I
<b>2000/08/25</b>	<b>07:21:47.5</b>		<b>51.660N</b>	<b>7.756E</b>				<b>1G</b>					<b>2.2ML</b>		<b>BUG</b>	<b>I</b>

Hamm/Westfalen, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg + Z	07:21:55.5	0.9	TA		41.6	234.2	ML 2.2
	e Sg N	07:22:01.3	1.9					
IBBN	e Pg Z	07:22:01.8	2.2			71.9	0.0	
TNS	e Pg Z	07:22:16.8	1.0			167.1	162.9	ML 2.2
	e Sg E	07:22:35.6	0.4					
CLZ	e Pg Z	07:22:19.9	1.7			181.2	82.6	ML 2.4
	e Sg E	07:22:41.8	2.6					
WLF	e Sg E	07:22:56.7	-2.0			249.0	207.6	ML 2.5
MOX	e Pg	07:22:39.9	2.9			291.9	111.3	
	e Sg	07:23:17.7	6.8					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/27	01:05:07.3		51.723N	6.969E				1G		23	16		2.7ML		LDG	L
2000/08/27	01:05:07.0	+ - 0.74	51.660N	6.810E	11.1	7.8	96	1G		6	5	209	2.1ML	BUG	BGR	I
2000/08/27	01:05:07.0	+ - 0.58	51.650N	6.900E	8.9	4.4	111	1G		10	5	204	2.1ML		SZGRF	I
<b>2000/08/27</b>	<b>01:05:07.3</b>		<b>51.638N</b>	<b>6.947E</b>				<b>1G</b>					<b>1.5ML</b>		<b>BUG</b>	<b>I</b>

Dorsten, N of Bottrop

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg - Z	01:05:13.6	1.0	TA		31.2	134.4	ML 1.5
	e Sg N	01:05:17.3	1.1					
IBBN	e Pg Z	01:05:23.3	0.3			92.8	36.3	
	e Sg N	01:05:35.3	1.5					
TNS	e Pn Z	01:05:37.4	0.1			189.2	145.7	ML 2.3

	e	Sg	N	01:06:01.9	0.6												
WLF	e	Pn	Z	01:05:42.5	0.6				226.4		194.6						
	e	(Pg)	Z	01:05:45.4	-0.3												
	e	Sg	N	01:06:12.5	0.5												
CLZ	e	Pn	Z	01:05:42.8	-0.3				236.9		83.2						
	e	Sg	N	01:06:15.7	0.7												
MOX	e	Sg		01:06:44.4	-1.1				343.8		106.9						

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/28	18:30:46.1	+-	0.29	50.210N	12.460E	4.4	3.3	92	10G		12	6	94	1.9ML		SZGRF	L

Klingenthal, Kraslice/CR, Erzgebirge

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
MOX	e Pg Z	18:30:58.9	-0.3	T		76.9	309.3	
	e Sg N	18:31:07.7	-0.5	T				
GRA1	e Pg Z	18:31:03.8	-0.2	T		105.6	237.4	
	e Sg N	18:31:16.5	0.1	T				
WET	e Pg Z	18:31:06.4	-0.4	T		122.3	165.6	
	e Sg N	18:31:20.2	-0.9	T				
CLL	e Pg Z	18:31:07.3	-0.5	T		127.9	17.2	
	e Sg N	18:31:22.6	-0.1	T				
BRG	e Pg Z	18:31:07.3	-0.6	T		128.1	54.3	ML 1.9
	e Sg N	18:31:22.2	-0.6	T				
GEC2	e Pg Z	18:31:16.1	0.1	T		176.2	149.0	
	e Sg E	18:31:35.2	-1.3	T				

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/29	03:03:55.7			51.565N	6.907E				1G		13	10		2.7ML		LDG	L
2000/08/29	03:03:53.3	+-	0.75	51.650N	6.790E	10.0	6.7	121	1G		6	4	210	1.9ML	BUG	BGR	I
2000/08/29	03:03:55.7	+-	0.55	51.610N	7.050E	6.7	3.3	109	1G		10	5	195	1.8ML		SZGRF	I
<b>2000/08/29</b>	<b>03:03:53.8</b>			<b>51.638N</b>	<b>6.946E</b>				<b>1G</b>					<b>1.3ML</b>		<b>BUG</b>	<b>I</b>

Dorsten, N of Bottrop

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg - Z	03:04:00.2	1.1	TA		31.4	134.4	ML 1.3
	e Sg N	03:04:03.8	1.1					
IBBN	e Pg Z	03:04:10.7	1.2			92.8	36.4	ML 2.0
	e Sg N	03:04:21.8	1.5					
TNS	e Pg Z	03:04:24.5	-1.3			189.3	145.7	ML 2.0
	e Sg E	03:04:47.2	-0.7					
WLF	e Pg Z	03:04:31.9	-0.3			226.5	194.6	
	e Sg N	03:05:00.3	1.8					
CLZ	e Pg Z	03:04:33.1	-0.9			237.0	83.2	ML 1.8
	e Sg N	03:05:01.7	0.2					

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/29	12:13:15.4	+-	0.32	50.220N	12.480E	4.4	3.3	68	0G		10	6	95	2.0ML	GRFO	BGR	L
<b>2000/08/29</b>	<b>12:13:15.7</b>	+-	<b>0.29</b>	<b>50.220N</b>	<b>12.460E</b>	<b>4.4</b>	<b>3.3</b>	<b>92</b>	<b>10G</b>		<b>12</b>	<b>6</b>	<b>94</b>	<b>2.2ML</b>		<b>SZGRF</b>	<b>L</b>

## Klingenthal, Kraslice/CR, Erzgebirge

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
HOF	i Pg -	12:13:22.8	-0.3			42.7	284.3	
ROTZ	i Pg +	12:13:24.6	-0.3			53.4	199.8	
	i Sg	12:13:30.9	-0.3					
MOX	e Pg Z	12:13:28.5	-0.2	T		76.2	308.6	ML 1.5
	e Sg E	12:13:37.0	-0.6	T				
GRA1	e Pg Z	12:13:33.7	-0.0	T		106.3	236.9	ML 2.4
	e Sg N	12:13:46.2	0.1	T				
GRFO	e (Pg) Z	12:13:34.1	0.3			106.4	236.9	ML 2.0
WET	e Pg Z	12:13:36.5	-0.2	T		123.4	165.7	ML 2.0
	e Sg N	12:13:50.0	-1.0	T				
CLL	e Pg Z	12:13:36.7	-0.5	T		126.8	17.3	ML 2.1
	e Sg E	12:13:51.9	-0.2	T				
BRG	e Pg Z	12:13:37.0	-0.3	T		127.5	54.7	ML 2.3
	e Sg N	12:13:51.6	-0.6	T				
GEC2	e Pg Z	12:13:45.2	-0.6	T		177.2	149.2	
	e Sg N	12:14:05.4	-1.0	T				

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/29	14:26:34.3	+-	0.34	50.220N	12.460E	4.4	4.4	97	10G		9	7	94	2.3ML	GRFO	BGR	L
2000/08/29	14:26:34.5	+-	0.29	50.210N	12.460E	4.4	3.3	92	10G		12	6	94	2.4ML		SZGRF	L

## Klingenthal, Kraslice/CR, Erzgebirge

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
HOF	i Pg -	14:26:41.7	-0.2			43.0	285.8	
	i Sg	14:26:46.1	-1.0					
ROTZ	i Pg +	14:26:43.4	-0.1			52.4	200.2	
	i Sg	14:26:49.6	-0.1					
MOX	e Pg Z	14:26:47.3	-0.3	T		76.9	309.3	ML 1.8
	e Sg E	14:26:56.3	-0.3	T				
GRA1	e Pg Z	14:26:52.4	-0.0	T		105.6	237.4	ML 2.6
	e Sg E	14:27:04.5	-0.2	T				
GRFO	e Pg Z	14:26:52.4	-0.1			105.8	237.4	ML 2.3
WET	e Pg Z	14:26:54.9	-0.3	T		122.3	165.6	ML 2.3
	e Sg N	14:27:09.2	-0.3	T				
CLL	e Pg Z	14:26:55.5	-0.7	T		127.9	17.2	ML 2.6
	e Sg N	14:27:11.1	-0.1	T				
BRG	e Pg Z	14:26:55.9	-0.4	T		128.1	54.3	ML 2.7
	e Sg N	14:27:10.7	-0.5	T				
GEC2	e Pg Z	14:27:03.5	-0.9	T		176.2	149.0	ML 2.2
	e Sg N	14:27:23.8	-1.0	T				
CLZ	e Pg Z	14:27:13.5	-0.4			232.9	322.0	

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/29	14:55:02.8	+-	0.30	50.210N	12.440E	4.4	3.3	76	10G		12	7	93	2.3ML	GRFO	BGR	L
2000/08/29	14:55:03.2	+-	0.29	50.210N	12.460E	4.4	3.3	92	10G		12	6	94	2.5ML		SZGRF	L

## Klingenthal, Kraslice/CR, Erzgebirge

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
HOF	i Pg -	14:55:10.5	-0.2			43.0	285.8	

ROTZ	i	Sg		14:55:15.9	0.0													
	i	Pg	+	14:55:12.2	-0.1													
	i	Sg		14:55:18.5	0.0													
MOX	e	Pg	Z	14:55:16.3	-0.1	T												
	e	Sg	N	14:55:25.0	-0.4	T												
GRA1	e	Pg	Z	14:55:21.1	-0.1	T												
	e	Sg	E	14:55:33.3	-0.2	T												
GRFO	e	Pg	Z	14:55:21.1	-0.2													
WET	e	Pg	Z	14:55:24.0	-0.1	T												
	e	Sg	N	14:55:37.8	-0.5	T												
CLL	e	Pg	Z	14:55:24.5	-0.5	T												
	e	Sg	N	14:55:39.6	-0.3	T												
BRG	e	Pg	Z	14:55:24.5	-0.5	T												
	e	Sg	N	14:55:39.4	-0.6	T												
GEC2	e	Pg	Z	14:55:32.3	-0.9	T												
	e	Sg	N	14:55:53.0	-0.7	T												
CLZ	e	Pg	Z	14:55:42.0	-0.8													
	e	Sg	N	14:56:08.5	-1.3													

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/29	20:41:33.2		49.183N	6.735E				1G		24	9		2.7ML		LDG	L
<b>2000/08/29</b>	<b>20:41:33.7</b>	<b>+ - 0.54</b>	<b>49.140N</b>	<b>6.860E</b>	<b>7.8</b>	<b>4.4</b>	<b>44</b>	<b>1G</b>		<b>6</b>	<b>3</b>	<b>189</b>	<b>1.8ML</b>	<b>BFO</b>	<b>BGR</b>	<b>I</b>

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg Z	20:41:46.7	-0.2	T		77.6	319.0	ML 1.7
	e Sg N	20:41:56.1	0.3	T				
BFO	e Pg Z	20:41:57.8	0.3	T		140.4	129.3	ML 1.8
	e Sg N	20:42:13.5	-0.3	T				
TNS	e (Pg) Z	20:42:01.9	0.1	T		165.9	42.9	ML 2.0
	e Sg E	20:42:21.2	0.1	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2000/08/30	23:36:49.8		49.169N	6.874E				1G		34	14		2.9ML		LDG	L
2000/08/30	23:36:51.0	+ - 0.44	49.310N	7.070E	6.7	4.4	37	1G		6	3	161	2.0ML		SZGRF	I
2000/08/30	23:36:50.7	+ - 0.44	49.280N	7.030E	8.9	5.6	39	1G		8	6	166	2.3ML	TNS	BGR	I
<b>2000/08/30</b>	<b>23:36:50.7</b>	<b>+ - 0.70</b>	<b>49.170N</b>	<b>6.910E</b>	<b>10.0</b>	<b>4.0</b>	<b>87</b>	<b>1G</b>		<b>27</b>	<b>14</b>	<b>197</b>	<b>2.3ML</b>		<b>LED</b>	<b>I</b>

Saarbruecken-East

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
RUP	e Pg -	23:37:01.2	0.3	T		60.1	10.3	
	e Sg	23:37:09.2	1.3	T				
LANF	e Pg +	23:37:02.7	0.4	T		68.5	107.6	
WLF	e Pg Z	23:37:03.7	-0.2		24.0	77.6	315.4	ML 1.9
	e Sg E	23:37:13.9	1.0					
KTD	e Pg	23:37:05.7	0.3	T		86.8	78.5	
	e SmS	23:37:18.5	-2.2	T				
WLS	e Pg -	23:37:05.4	-0.6	T		90.2	158.7	
	e Sg	23:37:16.5	0.1	T				
ABH	e Pg -	23:37:06.0	-0.2	T		91.5	29.9	
	e SmS	23:37:19.8	-2.1	T				
ECH	e Pg	23:37:09.4	0.4	T		107.6	170.2	



	e	SmS	23:37:23.4	-2.4	T				
LIBD	e	Pn	23:37:12.2	-0.6	T		124.3	155.6	
	e	Sn	23:37:27.9	-0.4	T				
BFO	e	Pg	Z 23:37:14.5	0.1		14.2	139.8	131.4	ML 2.0
	e	Sg	E 23:37:31.0	0.3					
TOD	e	Pn	23:37:13.7	-1.7	T		145.4	69.8	
	e	Sg	23:37:33.0	0.7	T				
MOF	e	Pn +	23:37:15.2	-0.5	T		147.5	173.5	
	e	Sg	23:37:33.2	0.4	T				
LBG	e	Pn +	23:37:14.7	-1.1	T		148.7	111.5	ML 2.4
		Pg	23:37:16.7	0.8					
	e	Sg	23:37:34.7	1.5	T				
KIZ	e	Pg	23:37:16.5	-0.4	T		154.0	150.8	ML 2.2
	e	Sg	23:37:34.7	-0.0	T				
TNS	e	Pg	Z 23:37:13.0	-5.0			161.0	42.8	ML 2.3
	e	Sg	N 23:37:32.7	-4.0					
FELD	e	Pg +	23:37:18.2	-0.5	T		164.9	150.3	
	e	Sg	23:37:37.8	0.0	T				
STU	e	Sg	E 23:37:37.6	-2.4			172.5	104.0	ML 2.3
BEU	e	Pg	23:37:24.2	0.5	T		194.4	108.6	ML 2.3
	e	Sg	23:37:47.6	1.3	T				
SIND		Sn	23:37:42.5	-1.1			196.6	83.2	ML 2.3
		Sg	23:37:48.9	2.0					
GUT	e	Pg	23:37:25.9	0.8	T		203.0	126.2	ML 2.3
	e	Sg	23:37:48.9	0.2	T				
HDH		Sg	23:38:03.6	1.5			249.7	103.9	ML 2.3
BUG	e	Sg	N 23:37:57.4	-5.8			253.8	5.6	ML 2.3
GRFO	e	Sg	E 23:38:21.4	0.1			317.0	77.8	ML 2.5
BRG	e	Sg	23:39:28.2	4.2			536.7	66.7	

#### Unassociated arrivals

Sta	Phase	Date	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Sg	2000/08/01	06:17:10.7						
BRG	e Sg	2000/08/01	07:03:00.2						
BRG	e Sg	2000/08/01	09:49:31.6						
BRG	e Sg	2000/08/01	13:09:04.8						
CLL	e Sg	2000/08/01	14:37:49.0						
HOF	i Pn +	2000/08/02	07:26:30.0						
BRG	e Sg	2000/08/02	13:19:53.9						
BRG	e Sg	2000/08/02	13:21:03.3						
BRG	e Sg	2000/08/02	13:40:46.9						
BRG	e Sg	2000/08/03	03:18:37.1						
BRG	e Sg	2000/08/03	07:39:06.8						

CLL	e	Sg	2000/08/03 11:24:19.0
BRG	e	Sg	2000/08/04 00:21:44.7
OGA	i	Pn +	2000/08/04 19:41:50.0
BRG	e	Sg	2000/08/05 02:02:55.9
BRG	e	Sg	2000/08/05 19:05:01.5
BRG	e	Sg	2000/08/05 20:44:32.5
BRG	e	Sg	2000/08/07 12:00:14.3
BRG	e	Sg	2000/08/07 19:38:44.6
CLL	e	Sg	2000/08/08 09:15:24.0
CLL	e	Sg	2000/08/08 17:03:42.0
BRG	e	Sg	2000/08/08 17:07:16.6
BRG	e	Sg	2000/08/09 17:33:57.8
SCE	i	Pn -	2000/08/10 07:18:57.7
BRG	e	Sg	2000/08/10 10:14:46.8
BRG	e	Sg	2000/08/11 01:19:27.7
MOX	e	(Sg)	2000/08/11 04:38:06.8
BRG	e	Sg	2000/08/11 11:10:30.0
BRG	e	Sg	2000/08/11 19:29:14.4
BRG	e	Sg	2000/08/11 21:28:34.4
BRG	e	Sg	2000/08/12 00:08:35.5
BRG	e	Sg	2000/08/12 07:04:35.5
BRG	e	Sg	2000/08/12 17:17:48.8
BRG	e	Sg	2000/08/13 01:09:21.0
BRG	e	Sg	2000/08/13 10:05:08.0
CLL	i	Sg	2000/08/14 04:46:57.7
MOX	e	(Sg)	2000/08/14 23:22:02.2
CLL	i	Pg	2000/08/15 19:21:05.5
CLL	i	Sg	2000/08/15 19:21:17.7
OGA	i	Pn +	2000/08/16 01:14:00.1
MOX	e	(Sg)	2000/08/16 22:17:48.8

CLL	i (Sg)	2000/08/16 23:33:38.8
BRG	i Sg	2000/08/17 03:25:04.4
BRG	i Pg	2000/08/17 07:26:12.2
BRG	i Sg	2000/08/17 07:26:22.2
BRG	e Sg	2000/08/17 15:57:38.8
BRG	e Sg	2000/08/17 18:46:47.7
BRG	e Sg	2000/08/18 07:03:25.5
BRG	e Sg	2000/08/20 21:11:28.8
OGA	i Pn +	2000/08/21 08:24:27.2
SCE	i Pn +	2000/08/21 17:15:19.3
MOX	e (Sg)	2000/08/22 02:48:39.9
BRG	e Sg	2000/08/22 06:10:32.2
BRG	e Sg	2000/08/22 16:09:08.8
CLL	e Sg	2000/08/23 08:47:24.0
CLL	e Sg	2000/08/23 11:37:29.0
BRG	e Sg	2000/08/23 12:08:24.4
MOX	e (Pg)	2000/08/23 19:33:20.0
CLL	e Sg	2000/08/24 04:37:44.0
BRG	e Sg	2000/08/25 01:13:58.8
OGA	i Pn +	2000/08/26 11:19:34.8
BRG	e Sg	2000/08/28 13:59:01.1
ROTZ	i Pn -	2000/08/28 17:26:56.8
BRG	e Sg	2000/08/29 10:37:28.1
BRG	e Sg	2000/08/29 19:32:39.8
BRG	e Sg	2000/08/30 15:57:53.3
CLL	e Sg	2000/08/30 18:24:44.0
BRG	e Sg	2000/08/30 19:52:12.9
MOX	e (Sn)	2000/08/31 03:56:56.6
BRG	e Sg	2000/08/31 04:44:12.5

ML 3.0

CLL	e	Sg	2000/08/31 08:02:40.0
CLL	e	Sg	2000/08/31 10:59:58.0
BRG	e	Sg	2000/08/31 11:18:42.3
CLL	e	Sg	2000/08/31 13:08:51.0
CLL	i	Sg	2000/08/31 18:37:36.6