

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2001/09/01	19:01:42.5		49.200N	6.900E				10					3.1ML		SED	
2001/09/01	19:01:38.9		49.385N	6.953E				1G		56	24		3.7ML		LDG	L
2001/09/01	19:01:38.8	+ - 0.37	49.390N	6.900E	4.4	3.3	30	1G		17	8	161	3.1ML		SZGRF	I
2001/09/01	19:01:38.9	+ - 0.31	49.400N	6.910E	5.6	4.4	48	1G		26	14	160	3.1ML	TNS	BGR	I

Lebach, N of Saarbruecken

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg Z	19:01:49.8	0.3	T	62.8	62.1	298.6	ML 2.5
	e Sg E	19:01:56.7	-0.0	T				
TNS	e Pn Z	19:02:02.9	-0.4	T	1.9	143.3	49.8	ML 3.1
	e Pg Z	19:02:04.0	0.7	T	18.6			
	e Sg N	19:02:21.4	1.6	T				
BFO	e Pn Z	19:02:03.8	-1.3	T	6.4	157.9	138.3	ML 2.9
	e Pg Z	19:02:05.6	-0.1	T	80.5			
	e Sg N	19:02:23.9	-0.1	T				
STU	e Pn Z	19:02:07.0	-0.9	T	2.7	180.4	112.0	ML 2.9
	e Sg E	19:02:29.5	-1.0	T				
BUG	e Pn Z	19:02:14.1	0.4	T	4.9	228.3	6.3	ML 3.0
	e Sg E	19:02:42.0	-2.2	T				
GRFO	e Pg Z	19:02:29.6	-2.4	T	22.0	312.6	82.4	ML 3.2
	e Sg N	19:03:08.3	0.1	T				
GRA1	e Pg Z	19:02:29.5	-2.4			312.7	82.4	ML 3.4
IBBN	e Pg Z	19:02:34.0	-0.6	T	2.4	328.7	10.1	ML 3.4
	e Sg N	19:03:12.0	-0.9	T				
FUR	e Pn Z	19:02:29.5	1.2	T	1.6	348.1	111.6	ML 3.3
	e Pg	19:02:41.8	3.9					
MOX	e Pn Z	19:02:31.7	1.5	T	2.5	363.5	65.8	ML 3.0
	e Pg Z	19:02:39.4	-1.1	T	2.9			
	e Sn N	19:03:09.4	2.3					
	e Sg Z	19:03:22.5	-0.3	T				
CLZ	e Pg Z	19:02:41.6	0.7	T	1.7	365.1	40.6	ML 3.2
	e Sg E	19:03:23.8	0.6	T				
WET	e Pn Z	19:02:39.9	1.1	T	16.1	433.8	91.5	ML 3.2
CLL	e Sg N	19:03:58.6	2.1	T		481.3	61.5	ML 3.3
GEC2	e Pn E	19:02:47.6	1.0	T	33.0	497.9	94.5	ML 3.3
	e Sn N	19:03:38.4	2.9					
	e Sg N	19:04:02.3	1.1					
BRG	e Pg Z	19:03:06.7	-1.6	T	2.0	527.1	69.2	
	i Sg	19:04:08.4	-1.1					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2001/09/04	12:59:13.5		47.498N	13.347E				10					2.2ML		NEIC	
2001/09/04	12:59:11.5	+ - 1.29	47.490N	13.370E	14.5	6.7	140	10G		8	5	276	2.3ML	GRFO	BGR	L

Eastern Tennengau/A, Hoher Dachstein

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
GEC2	e Pg Z	12:59:38.2	0.8	T	3.4	152.7	9.1	ML 1.9
	e Sg N	12:59:55.6	0.4	T				
WET	e Sg E	13:00:04.2	-0.9	T		187.5	349.0	
GRFO	e Pg Z	13:00:01.0	0.1	T	2.5	291.3	327.9	ML 2.3
	e Sg E	13:00:35.0	0.2	T				
MOX	e Sg E	13:00:57.8	-0.4	T		373.3	340.6	ML 2.3
BFO	e Pg Z	13:00:15.8	-1.3	T	1.6	387.0	285.8	ML 2.2

2001/09/07 21:52:20.1 +- 0.72 47.280N 10.400E 8.9 4.4 175 10G 16 8 254 2.7ML SZGRF L

Hochvogel, SW of Garmisch Partenkirchen, Lechtaler Alps/A

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
OGA	i Pg -	21:52:30.1	-1.3			65.9	133.8	
SCE	i Pg +	21:52:35.7	-1.9			102.6	104.7	
FUR	e Pg Z	21:52:40.7	0.6	T		118.0	33.4	ML 3.1
	e Sg N	21:52:55.9	2.0	T				
STU	e Sg N	21:53:14.5	0.5	T		188.5	332.0	ML 2.5
BFO	e Pn Z	21:52:51.7	2.1	T		193.7	307.8	ML 2.2
	e Sn N	21:53:11.4	0.8	T				
	e Sg N	21:53:15.8	0.3	T				
GRA1	e Sg N	21:53:39.0	0.3	T		274.9	12.4	ML 3.0
WET	e Pn Z	21:53:00.1	0.4	T		276.9	40.6	ML 2.5
	e Sn N	21:53:31.2	3.0	T				
	e Sg N	21:53:37.9	-1.3	T				
GEC2	e Pn Z	21:53:03.7	1.1	T		300.8	53.4	ML 2.3
	e Sn N	21:53:36.7	3.5	T				
	e Sg N	21:53:46.0	-0.1	T				
ROTZ	i Pn +	21:53:02.6	-0.8			307.0	25.0	ML 2.8
MOX	e (Pg)	21:53:24.2	-1.1			384.5	12.9	ML 2.7
	e Sn N	21:53:53.7	2.7	T				
	e Sg N	21:54:09.9	-0.1	T				
BRG	e Sg N	21:54:35.7	-0.3	T		475.5	31.5	ML 2.9
CLL	e Sg	21:54:39.0	0.1			485.9	21.9	

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
 2001/09/08 08:50:46.7 50.442N 7.374E 2 15 7 2.5ML LDG L

Neuwied, N of Koblenz

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Sg E	08:51:22.2	0.5			122.8	225.7	
BFO	e (Sg) N	08:51:55.9	-0.7			244.8	163.2	
MOX	e (Sg) N	08:52:13.7	1.1			300.5	84.1	

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
 2001/09/08 17:37:44.5 47.941N 7.897E 11G 23 10 2.1ML LDG L

Freiburg i. Breisgau/Upper Rhine Graben

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg Z	17:37:54.1	0.3			53.9	36.4	

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
 2001/09/09 06:49:18.1 47.455N 7.313E 14G 20 11 2.1ML LDG L
 2001/09/09 06:49:18.7 47.500N 7.400E 9 1.8ML SED

Weil a. Rhein/Basel, Swiss-German-French border region

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
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BFO e (Pg) Z 06:49:38.9 0.6 115.4 36.5
 e (Sg) E 06:49:53.1 1.3

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
 2001/09/12 00:47:37.6 +- 1.14 52.920N 4.240E 17.8 14.5 0 10G 9 7 304 3.5ML SZGRF L

NETHERLANDS

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
IBBN	e Pn	Z	00:48:14.5	1.0	T		247.0	104.6	ML 3.4
BUG	e Pn	Z	00:48:16.4	0.7	T		264.0	127.3	ML 3.2
	e Sn	N	00:48:46.3	3.4	T				
WLF	e Pn	Z	00:48:31.2	0.7	T		385.6	159.1	ML 3.4
CLZ	e Pn	Z	00:48:37.6	1.3	T		433.0	103.6	ML 3.5
	e Sn	N	00:49:22.1	3.3	T				
MOX	e Pn	Z	00:48:54.3	1.8	T		566.6	113.6	ML 3.6
GRA1	e Pn	Z	00:48:59.0	1.9	T		603.2	123.7	ML 3.7
WET	e Pn	Z	00:49:14.1	1.1	T		734.8	121.4	ML 3.7

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
 2001/09/15 03:36:20.4 +- 0.37 50.450N 12.180E 5.6 3.3 126 10G 8 5 92 1.6ML SZGRF L

Plauen

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
MOX	e Pg	Z	03:36:27.7	-0.6	T		45.4	298.7	
GRA1	e Pg	Z	03:36:38.7	-0.2	T		108.5	219.4	ML 1.9
	e Sg	E	03:36:51.2	-0.4	T				
CLL	e Pg	Z	03:36:38.8	-0.6	T		111.5	30.9	
	e Sg	E	03:36:52.1	-0.3	T				
BRG	e Pg	Z	03:36:42.5	-0.5	T		132.9	68.6	ML 1.4
	e Sg	E	03:36:58.2	-0.2	T				
WET	e Sg	E	03:37:04.2	-0.2	T		153.6	160.7	

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
 2001/09/15 03:48: 7.9 +- 0.38 50.440N 12.210E 5.6 3.3 114 10G 8 6 90 1.6ML SZGRF L

Plauen

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
MOX	e Pg	Z	03:48:15.4	-0.8	T		47.8	298.7	
GRA1	e Pg	Z	03:48:26.2	-0.3	T		109.0	220.7	ML 1.8
	e Sg	E	03:48:39.0	-0.2	T				
CLL	e Pg	Z	03:48:26.3	-0.5	T		111.4	29.7	
	e Sg	E	03:48:39.7	-0.1	T				
BRG	e Sg	E	03:48:45.7	0.2	T		131.3	67.8	ML 1.4
WET	e Sg	E	03:48:51.4	-0.0	T		151.9	161.3	
GEC2	e Sg	E	03:49:06.7	-0.5	T		207.3	148.2	

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

2001/09/15 19:39:26.0		49.600N	8.100E				10					2.9ML	NEIC		
2001/09/15 19:39:26.5		49.522N	7.997E				11G	63	28			2.9ML	LDG	L	
2001/09/15 19:39:26.4 +- 0.34		49.580N	8.020E	4.4	3.3	165	10G	15	9	144		2.2ML	BFO	BGR	L
2001/09/15 19:39:26.3 +- 0.37		49.570N	8.060E	5.6	3.3	165	10G	11	8	144		2.2ML		SZGRF	L
2001/09/15 19:39:27.1 +- 0.20		49.560N	8.020E	2.0	2.0	21	11	+- 4.0	33	18	128	2.5ML	LED	L	

Bad Duerkheim/Pfaelzer Wald, E of Kaiserslautern

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
KTD	i Pg -	19:39:32.4	0.4	T		27.1	170.2	
	Sg	19:39:36.2	0.7	T				
ABH	i P*	19:39:36.2				49.3	316.7	
	i Pg -	19:39:36.0	0.3	T				
SWS	Pg	19:39:35.8	0.0	T		49.9	99.5	ML 2.1
	PmP	19:39:40.8	1.8					
	Sg	19:39:42.0	0.3	T				
TOD	i Pg +	19:39:36.9	-0.0	T		56.7	84.6	
	Sg	19:39:43.6	0.0	T				
LANF	i Pg +	19:39:38.3	-0.2	T		66.3	193.7	
RUP	i Pg -	19:39:39.5	0.2	T		71.0	283.2	
	Sg	19:39:47.8	0.2	T				
LBG	e Pn	19:39:45.5	-1.3	T		114.5	150.2	ML 2.8
	Pg	19:39:46.8	0.2	T				
	Sn	19:39:58.3	-2.4					
	Sg	19:39:59.8	-0.1	T				
SIND	Pn	19:39:46.3	-0.9	T		117.0	101.0	ML 2.8
	i Pg +	19:39:47.3	0.3	T				
	Sn	19:39:58.1	-3.1	T				
	i Sg	19:40:00.6	-0.1	T				
STU	e (Pg) Z	19:39:48.4	0.4			122.4	135.4	ML 2.4
	e Sg N	19:40:02.1	-0.1					
WLF	e Pg Z	19:39:48.7	-1.4			135.1	275.7	ML 2.0
	e Sg E	19:40:05.2	-0.6					
WLS	e Pn	19:39:47.6	-1.9	T		136.5	201.1	
	Pg	19:39:49.9	-0.4	T				
BFO	e Pg Z	19:39:50.1	-0.5			138.6	170.5	ML 2.2
	e Sg E	19:40:05.4	-1.4					
BEU	Pg	19:39:52.5	0.1	T		148.7	136.4	ML 2.4
	Sg	19:40:09.8	0.1	T				
ECH	Sg	19:40:11.9	-1.7	T		162.2	203.2	
SPAK	Pg	19:39:56.1	-0.1	T		171.5	160.6	
	Sg	19:40:15.8	-0.4	T				
KIZ	Pn	19:39:52.6	-2.1	T		178.5	182.4	ML 2.7
	Pg	19:39:54.1	-3.3					
	Sg	19:40:16.9	-1.3	T				
GUT	Pg	19:39:54.3	-4.0			184.0	153.7	ML 2.4
	Sn	19:40:13.5	-2.0	T				
	Sg	19:40:19.1	-0.7	T				
FELD	Pg	19:39:58.5	-0.3	T		187.2	180.4	
HDH	Pg	19:39:58.5	-1.3			192.7	123.4	ML 2.5
	Sg	19:40:21.6	-0.7	T				
MOF	Pn	19:39:55.3	-2.0	T		200.8	199.2	
SLE	Pn	19:39:56.4	-1.2	T		202.5	169.9	
	e Pg	19:40:01.2	-0.3	T				
GRFO	e Sg N	19:40:32.0	-1.2			230.9	85.2	
GRA1	e Sg E	19:40:32.0	-1.2			231.1	85.1	ML 2.5
UBR	Pg	19:40:11.9	0.9			259.2	142.9	ML 2.5
	Sg	19:40:41.3	0.1					

LOMF		Pg		19:40:10.1	-1.3			260.9	200.1								
MOX	e	(Pg)	Z	19:40:13.7	-1.5			283.3	63.4								
	e	Sg	N	19:40:46.8	-1.3												
WET	e	Pn	Z	19:40:17.3	1.2			354.8	95.6								
	e	Sg	N	19:41:05.9	-2.6												
CLL	e	Sg	E	19:41:21.1	-1.1			402.7	59.3								
GEC2	e	(Pn)	Z	19:40:24.9	0.8			420.2	98.7								
	e	Sg	N	19:41:25.7	-1.5												
BRG	e	Sg	N	19:41:32.9	-1.7			445.8	68.6								

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2001/09/17	20:16:01.2		49.361N	6.878E				1G		39	15		2.9ML		LDG	L
2001/09/17	20:16:01.7 +- 0.66		49.260N	6.760E	23.3	6.7	36	1G		4	3	184	2.2ML	BFO	BGR	I
2001/09/17	20:16:01.4 +- 0.30		49.380N	6.910E	5.0	1.0	93	1G		16	13	203	2.2ML		LED	I

Saarbruecken-West

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
RUP	e Pg -	20:16:08.1	0.3	T		37.4	16.7	
WLF	e Pg Z	20:16:12.4	0.3			63.2	300.3	
ABH	i Pg +	20:16:13.7	0.1	T		72.2	39.2	
LANF	Pg	20:16:14.8	-0.0	T		78.8	124.0	
KTD	Pg	20:16:16.0	0.2	T		85.3	94.0	
WLS	Pg	20:16:20.2	-0.2	T		112.3	163.1	
ECH	Pg	20:16:23.0	-0.5	T		130.7	171.9	
TOD	Pn	20:16:24.0	-1.3	T		139.1	78.9	
	Sg	20:16:42.2	1.1	T				
BFO	e Pg Z	20:16:27.9	0.0			156.2	137.8	ML 2.2
	e Sg N	20:16:46.1	0.1					
LBG	Pn	20:16:26.9	-0.8	T		158.8	119.4	ML 2.2
	Sn	20:16:44.9	-1.4	T				
MOF	Pg	20:16:29.8	-0.5	T		170.7	174.4	
KIZ	i Pg -	20:16:30.8	-0.2	T		174.8	154.6	ML 2.4
	Sn	20:16:47.7	-2.0	T				
	i Sg	20:16:50.9	-0.5					
STU	e Sg E	20:16:54.9	2.2			179.6	111.3	
FELD	Pg	20:16:32.3	-0.6	T		185.5	153.9	
SIND	Pn	20:16:31.4	-0.8	T		195.2	90.0	ML 2.1
BEU	Pn	20:16:32.3	-0.8	T		203.1	114.9	ML 2.0
SLE	Pn	20:16:35.3	0.8			213.9	146.4	
GUT	Pg	20:16:37.0	-1.3			217.6	131.2	ML 2.3
UBR	Pn	20:16:45.2	0.1			301.9	127.5	ML 2.2

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2001/09/18	14:23:56.4		47.800N	7.600E				23					1.8ML		SED	
2001/09/18	14:23:56.6		47.848N	7.561E				9G		23	11		2.1ML		LDG	L
2001/09/18	14:23:56.6 +- 0.08		47.851N	7.570E	1.9	0.8	6	15	+- 1.5	13	7	128	1.8ML		LED	L

Muellheim/Upper Rhine Graben, NE of Mulhouse/F

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
KIZ	i Pg +	14:24:02.1	0.1	T		28.5	65.6	ML 1.8
	i Sg	14:24:06.1	0.4	T				
	SmS	14:24:08.1	-3.8	T				

FELD	i	Pg +	14:24:02.8	0.2	T	32.5	84.9										
		Sg	14:24:07.2	0.5	T												
MOF		Pg	14:24:02.8	0.1	T	32.6	270.3										
		Sg	14:24:07.1	0.2	T												
BBS		Pg	14:24:06.0	1.6		43.2	186.1										
ECH		Pg	14:24:05.5	-0.0	T	50.8	323.1										
		Sg	14:24:12.0	0.3	T												
WLS		Pg	14:24:08.0	0.2	T	64.5	345.7										
		Sg	14:24:16.2	0.7	T												
SLE		P	14:24:08.4		T	69.6	97.4										
BFO	e	Pg Z	14:24:09.9	-0.1		2.4	77.6	46.4									
	e	Sg N	14:24:18.9	-0.2													
LOMF	e	Pn +	14:24:10.0	-1.5	T	78.7	225.3										
GUT		Sg	14:24:30.0	-0.5		117.6	77.4	ML 1.7									

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2001/09/18	20:09:27.2			49.357N	6.927E				1G		33	15		2.7ML		LDG	L
2001/09/18	20:09:27.6	+-	0.45	49.310N	6.840E	15.6	4.4	37	1G		6	4	174	2.0ML	BFO	BGR	I

Saarbruecken-West

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg Z	20:09:38.4	0.0	T	3.5	63.4	308.7	ML 1.5
	e Sg N	20:09:45.6	-0.2	T				
BFO	e Pg Z	20:09:53.6	-0.2	T	8.7	154.2	134.4	ML 2.0
	e Sg E	20:10:12.0	0.3	T				
GRFO	e Pg Z	20:10:21.6	-0.2	T	2.2	319.1	80.7	
GEC2	e Pn E	20:10:36.4	0.6	T	7.0	502.2	93.3	

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type	
2001/09/19	00:10:36.6			47.405N	7.439E				10					2.4ML		NEIC		
2001/09/19	00:10:37.0			47.376N	7.460E				4G		49	20		2.6ML		LDG	L	
2001/09/19	00:10:36.7			47.400N	7.500E				9					2.0ML		SED		
2001/09/19	00:10:37.2	+-	2.44	47.370N	7.550E	23.3	7.8	16	10G		5	4	277	1.7ML		SZGRF	L	
2001/09/19	00:10:35.3	+-	2.08	47.300N	7.450E	20.0	6.7	21	10G		8	6	270	1.8ML	BFO	BGR	L	
2001/09/19	00:10:37.1	+-	0.30	47.360N	7.490E	3.0	1.0	325	5	+-	3.0	18	12	190	2.2ML		LED	L

Delemont, Solothurn/CH

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BBS	i Pg -	00:10:39.5	0.2	T		11.7	7.1	
LOMF	i Pg +	00:10:45.7	0.1	T		49.9	269.1	
MOF	i Pg -	00:10:47.5	0.1	T		60.9	334.0	
	i Sg	00:10:54.9	0.3	T				
FELD	e Pg -	00:10:48.8	-0.0	T		69.1	33.7	
	Sg	00:10:57.1	0.2	T				
KIZ	Pg	00:10:49.4	-0.2	T		73.6	25.7	ML 2.3
	Sg	00:10:58.1	-0.0	T				
	SmS	00:11:00.9	-2.4	T				
SLE	Pg	00:10:52.1	0.1	T		87.8	58.7	
ECH	Pn	00:10:53.4	-2.2	T		98.3	345.5	
WLS	Pn	00:10:56.9	-1.0	T		117.5	355.1	
BFO	e Pg Z	00:10:57.1	-1.2			124.7	29.8	ML 1.8
	e Sg N	00:11:13.5	0.7					

GUT	Pn		00:10:59.9	-1.4	T	145.0	56.4	ML	2.3
	Sg		00:11:19.4	0.8	T				
LBG	Sg		00:11:26.5	-0.4	T	174.4	33.3	ML	2.2
BEU	Sn		00:11:28.4	-1.0		197.6	45.8	ML	2.1
	Sg		00:11:33.1	-0.5	T				
UBR	Pg		00:11:11.4	0.4	T	199.8	78.8	ML	2.2
	Sg		00:11:35.3	1.1	T				
STU	e (Sn)	N	00:11:31.0	0.7		201.6	38.3		
	e (Sg)	N	00:11:35.4	0.7					
WLF	e Sg	N	00:11:55.7	0.2		274.5	339.5		
FUR	e (Sg)	N	00:12:02.8	1.0		296.6	71.1		
GRFO	e Sg	N	00:12:24.4	-0.6		377.6	45.3		
GRA1	e Sg	E	00:12:24.1	-0.9		377.7	45.3		
WET	e Sg	N	00:12:43.8	-0.6		445.4	61.6		

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2001/09/20	16:30:44.2		49.356N	6.857E				1G		30	11		2.7ML		LDG	L
2001/09/20	16:30:44.3 +- 0.57		49.260N	6.750E	24.5	4.4	41	1G		6	4	185	2.0ML	BFO	BGR	I

Saarbruecken-West

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg	Z	16:30:55.1	0.2	T	5.1	62.4	316.4	ML 1.6
	e Sg	E	16:31:02.0	-0.1	T				
BFO	e Pg	Z	16:31:10.6	-0.0	T	8.8	155.2	131.2	ML 2.0
	e Sg	E	16:31:28.8	0.2	T				
WET	e Pn	Z	16:31:45.4	-0.2	T	1.8	445.3	89.3	
GEC2	e Pn	Z	16:31:53.3	0.0	T	8.2	508.5	92.6	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2001/09/21	03:15:15.4 +- 0.44		51.510N	16.180E	5.6	4.4	119	1G		27	16	240	4.7ML		SZGRF	I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pn	Z	03:15:43.5	0.3	T		171.2	246.4	ML 4.4
	e Sg	N	03:16:04.3	0.0	T				
RUE	e Pn	Z	03:15:46.3	0.0	T		196.3	304.1	ML 4.4
	e Sg	N	03:16:12.1	0.6	T				
CLL	e Pn	Z	03:15:49.1	-0.3	T		221.5	265.4	ML 4.2
MOX	e Pn	Z	03:16:03.6	0.7	T		333.0	255.0	ML 4.8
	e Pg	Z	03:16:10.0	-1.9	T				
	e Sg	N	03:16:50.5	-0.1	T				
GEC2	e Pn	Z	03:16:05.9	1.5	T		344.8	211.7	ML 4.5
	e Pg	Z	03:16:12.4	-1.4	T				
WET	e Pn	Z	03:16:06.4	1.1	T		352.3	223.0	ML 4.5
	e Sg	N	03:16:55.3	-0.8	T				
RGN	e Pn	Z	03:16:09.8	0.1	T		388.0	331.6	
CLZ	e Pn	Z	03:16:13.4	2.0	T		402.0	277.5	ML 4.6
	e Sg	N	03:17:10.2	-0.0	T				
GRA1	e Pn	Z	03:16:13.2	1.6	T		404.0	241.9	ML 5.1
	e Sg	N	03:17:11.4	0.6	T				
BSEG	e Pn	Z	03:16:20.3	-0.3	T		477.9	306.6	
FUR	e Pn	Z	03:16:26.7	2.0	T		511.9	225.3	ML 5.4

STU	e	Pn	Z	03:16:34.1	0.7	T	583.3	241.3	ML	5.4
	e	Sg	N	03:18:01.9	-0.2	T				
IBBN	e	Pn	Z	03:16:35.4	1.8	T	584.2	282.0	ML	4.6
BUG	e	Pn	Z	03:16:38.9	1.3	T	616.8	272.8	ML	4.6
	e	Sg	N	03:18:14.0	2.4	T				
BFO	e	Pn	Z	03:16:43.7	0.4	T	663.4	240.9	ML	5.0
WLF	e	Pn	Z	03:16:54.3	2.1	T	736.4	257.8	ML	4.9
	e	Sg	N	03:18:45.8	-0.0	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2001/09/21	22:50:14.2		49.383N	6.933E				1G		23	10		2.5ML		LDG	L
2001/09/21	22:50:14.9 +- 0.42		49.330N	6.850E	8.9	3.3	29	1G		8	5	171	1.7ML	BFO	BGR	I

Saarbruecken-West

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag	
WLF	e	Pg	Z	22:50:25.7	0.2	T	7.3	62.6	306.7	ML 1.4
	e	Sg	E	22:50:32.4	-0.5	T				
BFO	e	Pg	Z	22:50:41.4	0.2	T	5.5	155.2	135.2	ML 1.7
	e	Sg	E	22:50:59.2	-0.1	T				
GRFO	e	Pg	Z	22:51:08.9	0.1	T	2.3	318.0	81.1	
	e	Sg	E	22:51:45.8	-0.0	T				
WET	e	Pn	Z	22:51:15.8	0.5	T	2.9	438.0	90.4	
GEC2	e	Pn	Z	22:51:23.3	0.3	T	7.2	501.7	93.6	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2001/09/25	05:39:58.8		47.924N	8.712E				2		10	6		2.2ML		LDG	L
2001/09/25	05:39:58.8		47.920N	8.740E				0 +- 0.0		5	4	235	1.6ML	BFO	BGR	B?

Tuttlingen/Swabian Jura

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag	
BFO	e	Pg	Z	05:40:08.2	0.1	T	2.5	54.8	326.4	ML 1.6
	e	Sg	E	05:40:14.4	-0.1	T				
FUR	e	Pg	N	05:40:30.8	-0.2	T	1.2	190.4	80.9	
WLF	e	Pn	Z	05:40:38.9	-0.1	T	1.2	271.2	316.6	
MOX	e	Pn	Z	05:40:51.0	0.3	T	1.1	367.8	33.5	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2001/09/25	10:08:03.2		47.600N	6.800E				10					2.0ML		SED	
2001/09/25	10:08:01.2 +- 2.32		47.540N	6.740E	23.3	7.8	35	10G		5	4	273	1.5ML	BFO	BGR	L

Montbeliard, Audincourt/F, S of Belfort

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag	
BFO	e	Pg	Z	10:08:26.6	0.4	T	1.2	147.4	52.8	ML 1.5
	e	Sg	N	10:08:42.7	-0.7	T				
WLF	e	Sg	N	10:09:09.2	-0.7	T		240.2	349.9	ML 1.9
TNS	e	Sg	N	10:09:34.3	0.7	T		323.3	22.1	
FUR	e	Sg	E	10:09:39.9	0.0	T		345.4	76.8	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2001/09/25	10:51:42.4		51.475N	6.264E				1G		29	12		2.9ML		LDG	L
2001/09/25	10:51:42.5	+ - 0.58	51.410N	6.510E	10.0	5.6	122	1G		13	8	212	2.3ML	TNS	BGR	I
2001/09/25	10:51:42.5		51.457N	6.569E				1G					1.9ML		BUG	I

Moers, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg - Z	10:51:51.7	1.0	TA		48.6	91.9	ML 1.9
	e Sg N	10:51:58.3	1.9					
IBBN	e Pg Z	10:52:03.9	0.2		2.5	124.8	40.3	ML 2.6
	e Sg N	10:52:20.4	2.2					
TNS	e Pg Z	10:52:13.5	-1.3		1.1	190.4	135.4	ML 2.3
	e Sg E	10:52:35.9	-1.0					
WLF	e Pg Z	10:52:15.7	-1.0		3.6	201.5	188.5	ML 2.3
	e Sg N	10:52:38.4	-1.6					
CLZ	e Sg N	10:52:58.1	-0.4			265.9	79.3	ML 2.6
MOX	e Sg N	10:53:30.1	3.6			364.1	102.4	ML 2.6
BFO	e Pn Z	10:52:34.2	-0.3		0.9	369.9	159.4	
GRFO	e Pg Z	10:52:45.0	-2.4		1.5	382.6	119.1	
	e Sg E	10:53:31.7	-0.2					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2001/09/25	11:46:31.0		47.479N	13.346E				10					2.0ML		NEIC	

Eastern Tennengau/A, Hoher Dachstein

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
GEC2	e Pg Z	11:46:55.7	-1.5		3.5	154.2	9.7	
	e Sg E	11:47:14.4	-0.7					
WET	e Sg E	11:47:22.5	-2.4			188.3	349.6	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2001/09/25	16:48:41.3		49.378N	6.961E				1					3.9ML		NEIC	
2001/09/25	16:48:45.1		49.200N	6.800E									3.1ML		SED	
2001/09/25	16:48:41.3		49.378N	6.961E				1G		66	29		3.9ML		LDG	L
2001/09/25	16:48:41.8	+ - 0.51	49.370N	6.960E	5.6	5.6	158	1G		13	7	161	3.2ML		SZGRF	I
2001/09/25	16:48:41.8	+ - 0.32	49.400N	6.880E	5.6	4.4	37	1G		27	13	161	3.3ML	TNS	BGR	I
2001/09/25	16:48:41.9	+ - 0.30	49.390N	6.950E	4.0	2.0	91	1G		32	20	191	3.1ML		LED	I

Saarbruecken-West

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
RUP	i Pg +	16:48:48.3	0.4	T		35.5	12.8	
WLF	e Pg Z	16:48:52.6	-0.4		81.9	65.2	298.2	ML 2.7
	e Sg N	16:48:59.3	-1.2					
ABH	e Pg -	16:48:53.9	0.2	T		69.6	38.0	
LANF	i Pg -	16:48:54.9	-0.0	T		77.0	125.9	
KTD	e Pg -	16:48:56.1	0.2	T		82.5	95.0	
WLS	e Pn -	16:49:00.3	-2.3	T		112.6	164.7	
	e Pg -	16:49:01.3	0.3	T				
SWS	e Pg -	16:49:03.1	-0.3	T		127.0	84.6	ML 2.7
	Sg	16:49:19.7	1.5	T				

ECH	e	Pn	-	16:49:03.2	-1.6	T	131.4	173.3	
	i	Pg	+	16:49:04.3	0.1	T			
TOD	i	Pn	-	16:49:04.3	-1.1	T	136.0	79.1	
	i	Pg	+	16:49:05.3	0.4	T			
TNS	e	Pg	Z	16:49:05.4	-0.5		141.8	48.7	ML 3.3
	e	Sg	N	16:49:24.2	1.7				
LIBD	e	Pg	-	16:49:06.9	0.3	T	145.9	160.6	
BFO	e	Pn	Z	16:49:06.4	-1.4		8.7	155.2	138.9 ML 3.1
	e	Pg	Z	16:49:08.3	0.1		98.3		
	e	Sg	N	16:49:26.7	0.5				
LBG	e	Pn	-	16:49:06.7	-1.3	T	156.8	120.3	ML 3.2
		Pg		16:49:08.6	0.1	T			
MOF		Pg		16:49:09.4	-1.6	T	171.6	175.4	
		Sg		16:49:30.6	-0.3	T			
KIZ		Pn		16:49:07.8	-2.3	T	174.6	155.6	ML 3.3
	i	Pg	+	16:49:11.1	-0.4	T			
		Sg		16:49:31.1	-0.6	T			
STU	e	Pn	Z	16:49:09.8	-0.6		1.5	177.3	112.0 ML 3.1
	e	Sg	E	16:49:31.7	-0.9				
FELD	e	Pn	-	16:49:09.9	-1.5	T	185.3	154.9	
	e	Pg	+	16:49:13.1	-0.2	T			
SIND	e	Pn	-	16:49:11.3	-1.0	T	192.3	90.4	ML 3.0
SPAK	i	Pg	-	16:49:15.2	0.0	T	196.5	136.1	
BEU		Pn		16:49:12.4	-0.9	T	201.0	115.6	ML 3.1
		Pg		16:49:15.8	-0.1	T			
SLE		Pn		16:49:14.4	-0.5	T	213.3	147.3	
	i	Pg	+	16:49:18.0	-0.1	T			
GUT		Pn		16:49:15.2	0.0		216.2	131.9	ML 3.2
		Pg		16:49:18.5	-0.1	T			
BBS		Pg		16:49:19.6	0.7	T	218.0	168.9	
LOMF	e	Pn	-	16:49:15.2	-1.3	T	226.9	182.3	
	e	Pg	+	16:49:19.5	-0.8	T			
BUG	e	Pn	Z	16:49:17.3	0.6		2.3	229.1	5.5 ML 3.2
	e	Sg	E	16:49:44.5	-2.8				
HDH		Pg		16:49:24.6	-0.3		254.0	109.4	ML 3.1
		Sg		16:49:54.5	0.1				
GRFO	e	Pg	Z	16:49:36.0	1.6		20.1	309.9	82.2 ML 3.4
	e	Sg	E	16:50:12.0	1.6				
GRA1	e	Sg	N	16:50:11.7	1.2			310.0	82.2 ML 3.6
IBBN	e	Sn	Z	16:50:03.8	1.0			329.3	9.6
FUR	e	Pn	Z	16:49:32.5	1.6		1.6	345.0	111.7 ML 3.7
	i	Pg	+	16:49:44.6	4.2				
	e	Sg	N	16:50:22.9	2.5				
MOX	e	Pn	Z	16:49:34.2	1.3		2.6	361.3	65.5 ML 3.2
	e	Pg	Z	16:49:42.0	-1.1		9.1		
	e	Sn	N	16:50:11.5	1.9				
	e	Sg	E	16:50:27.4	2.3				
CLZ	e	Sg	N	16:50:25.8	-0.1			364.1	40.2 ML 3.5
WET	e	Pn	Z	16:49:42.3	0.9		16.5	430.9	91.4 ML 3.4
	e	Sn	N	16:50:27.2	2.9				
	e	Sg	N	16:50:47.9	2.9				
CLL	e	Pg		16:50:07.0	3.9			479.3	61.3 ML 3.5
	e	Sg	N	16:51:00.2	1.4				
GEC2	e	Pn	Z	16:49:50.3	1.1		39.1	494.9	94.5 ML 3.4
	e	Sn	N	16:50:40.4	2.6				
BRG	e	Pg		16:50:09.5	-1.3			524.8	69.0 ML 3.4
	e	Sg	N	16:51:12.8	1.0				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2001/09/27	07:49:22.2		47.100N	9.300E				6					2.1ML		SED	

Glarus, Walenstadt/CH, Walensee

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Sg N	07:50:08.1	1.6			154.8	332.4	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2001/09/27	21:23:19.7		47.632N	8.910E				2		10	6		2.0ML		LDG	L
2001/09/27	21:23:18.4		47.700N	9.000E				8					1.5ML		SED	

Singen/Hohentwiel, Swiss-German border region

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Sg N	21:23:45.1	2.0			86.0	324.8	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2001/09/30	09:01:31.8		49.351N	6.876E				1G		31	13		2.6ML		LDG	L
2001/09/30	09:01:31.7 +- 0.45		49.360N	6.890E	6.7	4.4	33	1G		6	3	165	2.0ML	BFO	BGR	I

Saarbruecken-West

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg Z	09:01:42.9	0.5	T	5.3	63.1	302.7	ML 1.5
	e Sg E	09:01:49.6	-0.2	T	1.7			
TNS	e Pg Z	09:01:56.5	-0.1	T	5.7	147.3	48.8	ML 2.1
	e Sg E	09:02:14.0	0.2	T	2.7			
BFO	e Pg Z	09:01:58.1	-0.0	T	6.8	155.6	136.8	ML 2.0
	e Sg E	09:02:16.1	-0.1	T	3.2			

Unassociated arrivals

Sta	Phase	Date	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Sg	2001/09/01	03:01:59.2						
BRG	e Sg	2001/09/01	10:54:00.5						
BRG	e Sg	2001/09/01	23:13:26.8						
BRG	e Sg	2001/09/02	05:28:49.5						
MOX	e Pg	2001/09/03	21:30:38.2						
MOX	i Sg	2001/09/03	21:30:53.0						
SCE	e Pn	2001/09/04	02:58:55.8						
BRG	e Sg	2001/09/04	07:19:12.7						

CLL	e	Sg	2001/09/06	01:40:16.0
MOX	e	(Pg)	2001/09/06	05:14:04.7
CLL	e	Sg	2001/09/06	18:33:41.0
BRG	e	Sg	2001/09/06	19:00:20.3
BRG	e	Sg	2001/09/07	21:50:20.7
BRG	e	Sg	2001/09/08	09:46:52.7
BRG	e	Sg	2001/09/08	10:55:32.4
BRG	e	Sg	2001/09/08	19:15:53.8
BRG	e	Sg	2001/09/08	19:31:36.0
SCE	i	Pg -	2001/09/08	23:11:08.6
SCE	i	Sg	2001/09/08	23:11:12.6
BRG	e	Sg	2001/09/09	19:07:37.9
MOX	e	Pg	2001/09/11	03:16:04.9
MOX	e	Sg	2001/09/11	03:16:10.8
BRG	e	Sg	2001/09/12	08:24:44.5
BRG	e	Sg	2001/09/12	09:39:16.5
BRG	e	Sg	2001/09/12	10:29:28.1
BRG	e	Sg	2001/09/13	10:43:05.5
BRG	e	Pg	2001/09/13	15:02:50.9
BRG	e	Sg	2001/09/13	15:03:22.5
BRG	e	Sg	2001/09/14	02:19:18.3
BRG	e	Sg	2001/09/14	06:59:47.1
BRG	e	Sg	2001/09/14	08:03:15.7
MOX	e	Sg	2001/09/15	03:47:51.1
BRG	e	Sg	2001/09/15	12:19:24.5
BRG	e	Sg	2001/09/15	15:35:54.9
BRG	e	Sg	2001/09/15	16:49:40.2
MOX	e	Sg	2001/09/16	02:45:06.1
BRG	e	Sg	2001/09/16	02:45:31.8
MOX	e	(Pg)	2001/09/17	21:32:21.9
MOX	e	Sg	2001/09/17	21:32:35.8
BRG	e	Sg	2001/09/17	21:39:28.0

BRG	e	Sg	2001/09/18	01:08:04.7
BRG	e	Sg	2001/09/18	02:35:40.1
BRG	e	Sg	2001/09/18	11:40:31.4
BRG	e	Sg	2001/09/18	20:13:42.5
CLL	e	Sg	2001/09/19	01:23:19.0
BRG	e	Sg	2001/09/19	19:53:30.5
MOX	i	(Sg)	2001/09/22	03:45:05.2
BRG	e	Sg	2001/09/22	15:57:18.4
BRG	e	Sg	2001/09/24	00:39:11.4
BRG	e	Sg	2001/09/24	11:44:23.0
BRG	e	Pg	2001/09/25	08:29:02.8
BRG	e	Sg	2001/09/25	08:29:17.1
SCE	i	Pn -	2001/09/25	14:35:50.9
BRG	e	Sg	2001/09/27	00:30:45.0
BRG	e	Pg	2001/09/27	07:16:37.8
BRG	e	Sg	2001/09/27	07:17:18.1
BRG	i	Pg	2001/09/27	10:12:59.1
BRG	i	Sg	2001/09/27	10:13:17.7
CLL	e	Sg	2001/09/27	13:12:37.0
BRG	e	Pg	2001/09/27	16:14:54.0
BRG	e	Sg	2001/09/27	16:14:57.5
BRG	e	Sg	2001/09/27	21:10:37.6
BRG	e	Sg	2001/09/28	18:19:58.8
BRG	e	Sg	2001/09/28	19:26:58.4
BRG	e	Sg	2001/09/28	21:53:54.9