

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/03	13:57:53.2	+ - 0.28	51.600N	6.765E	4.0	3.5	174	1G		15	9	282	3.0ML		LDG	I?
2002/09/03	13:57:54.1	+ - 0.90	51.500N	6.700E	11.1	5.6	113	1G		6	4	207	2.4ML		SZGRF	I
2002/09/03	13:57:53.8	+ - 0.70	51.470N	6.760E	8.9	4.4	107	1G		8	5	203	2.4ML	TNS	BGR	I
<b>2002/09/03</b>	<b>13:57:53.4</b>		<b>51.531N</b>	<b>6.806E</b>				<b>1G</b>					<b>2.0ML</b>		<b>RUB</b>	<b>I</b>

Duisburg, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg - Z	13:58:00.1	1.0	TA		33.6	107.3	ML 2.0
	e Sg E	13:58:05.1	2.1					
IBBN	e Pg Z	13:58:13.0	1.3		2.0	108.1	36.7	ML 2.6
	e Sg N	13:58:26.5	2.2					
TNS	e Pg Z	13:58:25.4	0.5		3.9	185.5	141.0	ML 2.4
	e Sg N	13:58:44.6	-1.8					
WLF	e Sg N	13:58:52.8	-1.4			212.6	192.8	ML 2.2
MOX	e Sg N	13:59:34.1	0.7			350.0	104.5	ML 2.8

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/04	22:40:10.0	+ - 0.91	47.620N	12.770E	11.1	5.6	152	10G		11	6	258	2.1ML	FUR	BGR	L

Bad Reichenhall, SW of Salzburg/A, Austrian-German border

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
FUR	e Pg Z	22:40:31.6	-0.0	T	3.2	126.7	299.0	ML 2.1
	e Sg N	22:40:46.7	0.4					
GEC2	e Pg Z	22:40:34.6	-1.4	T	15.2	152.7	26.5	ML 1.9
	e Sg E	22:40:54.8	1.1					
WET	e Pg Z	22:40:37.3	-1.6	T	8.0	169.6	2.7	ML 2.0
	e Sg N	22:40:58.8	0.2					
GRFO	e Pg Z	22:40:53.8	0.2	T	1.5	256.8	334.3	ML 2.2
	e Sg E	22:41:23.5	0.0					
BFO	e Pn Z	22:40:58.9	1.6	T	1.8	339.8	285.1	ML 2.3
	e Sg N	22:41:46.3	-0.9					
MOX	e Sg E	22:41:48.6	-0.5	T		346.6	346.4	ML 2.5

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/05	02:14:14.9		47.484N	12.808E				10					2.2ML		NEIC	
2002/09/05	02:14:16.4	+ - 0.95	47.660N	12.760E	12.2	5.6	154	10G		10	5	256	2.1ML	FUR	BGR	L

Bad Reichenhall, SW of Salzburg/A, Austrian-German border

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
FUR	e Pg Z	02:14:37.8	0.3	T	2.9	124.0	297.4	ML 2.1
	e Sg N	02:14:52.7	0.7					
GEC2	e Pg Z	02:14:40.9	-0.8	T	16.0	149.1	27.5	ML 1.9
	e Sg E	02:14:59.7	0.6					
WET	e Pg Z	02:14:43.3	-1.2	T	8.0	165.2	3.0	ML 2.0
	e Sg E	02:15:03.8	0.1					
GRFO	e Pg Z	02:14:59.9	0.7	T	2.2	252.5	334.0	ML 2.3
	e Sg E	02:15:28.9	0.3					
BFO	e Pn Z	02:15:04.7	1.2	T	1.7	337.9	284.4	ML 2.4
	e Sg N	02:15:51.8	-1.2					
MOX	e Sg	02:15:57.6	3.4			342.1	346.4	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/06	15:07:43.8	+ - 0.06	49.164N	6.785E	1.3	1.0	120	1G		17	9	71	2.6ML		LDG	I?

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

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z	15:08:08.7	0.1			146.3	128.7	
	e Sg	N	15:08:25.6	0.0					
TNS	e (Sg)	N	15:08:32.2	0.5			167.7	44.8	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/07	01:11:28.4	+ - 0.76	50.110N	18.720E	11.1	11.1	160	1G		16	9	320	3.1ML		SZGRF	I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pn	Z	01:12:17.2	-0.7	T		348.4	285.9	ML 2.9
	e Sg	N	01:13:06.7	-1.2	T				
GEC2	e Pn	Z	01:12:23.5	0.8	T		388.8	250.7	ML 3.3
	e Sg	E	01:13:19.8	0.3	T				
CLL	e Pg	Z	01:12:38.1	-2.1	T		423.9	290.5	ML 3.2
	e Sg	N	01:13:29.1	-0.4	T				
WET	e Pn	Z	01:12:28.2	-0.1	T		434.1	257.9	ML 3.4
	e Sg	N	01:13:30.1	-2.3	T				
MOX	e Pg	Z	01:12:52.9	-1.4	T		507.1	279.5	
	e Sg	N	01:13:55.0	1.7	T				
GRA1	e Sg	N	01:14:02.9	0.5	T		538.8	267.9	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/10	21:07:40.0	+ - 0.83	50.020N	18.350E	10.0	8.9	70	1G		14	7	317	3.6ML		SZGRF	I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg	Z	21:08:33.1	-2.2	T		326.1	288.6	ML 3.2
	e Sg	N	21:09:12.3	-0.9	T				
GEC2	e Pn	Z	21:08:31.4	0.4	T		360.5	250.5	ML 3.5
	e Sg	N	21:09:21.8	-1.3	T				
CLL	e Pg	Z	21:08:47.2	-1.2	T		403.0	292.9	ML 3.6
	e Sg	N	21:09:35.4	0.2	T				
WET	e Pn	Z	21:08:36.0	-0.5	T		406.2	258.2	ML 3.7
	e Sg	N	21:09:36.1	-0.0	T				
MOX	e Pn	Z	21:08:46.1	0.2	T		482.8	280.9	ML 3.6
	e Sg	N	21:09:59.4	1.4	T				
GRA1	e Pg	Z	21:09:03.5	-3.3	T		512.1	268.6	ML 3.9
	e Sg	N	21:10:06.5	0.1	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/10	23:01:46.0	+ - 0.46	52.860N	8.130E	5.6	3.3	140	2G		22	12	207	2.5ML	TNS	BGR	I

Cloppenburg

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
IBBN	e Pg	Z	23:01:57.4	0.2	T	4.1	66.4	202.5	ML 2.6
	e Sg	E	23:02:05.2	0.1	T				
NRDL	e Pg	Z	23:02:10.0	0.4	T	6.4	139.4	106.2	ML 1.9
	e Sg	E	23:02:26.4	0.5	T				
BUG	e Pn	Z	23:02:13.8	0.4	T	2.3	168.4	200.8	
	e Sg	E	23:02:33.6	-0.5	T				
BSEG	e Pn	Z	23:02:14.6	-1.1	T	2.7	187.9	49.6	ML 2.2
	e Sn	N	23:02:35.7	-1.1	T				
TNS	e Pn	Z	23:02:28.7	-0.0	T	1.1	294.1	175.6	ML 2.5
	e Pg	Z	23:02:36.7	0.8	T				
	e Sg	N	23:03:09.4	-0.6	T				
MOX	e Sg	N	23:03:24.3	0.1	T		343.8	134.4	ML 2.5
CLL	e Sn	E	23:03:15.4	-1.0	T		374.9	115.5	ML 2.7
	e Sg	E	23:03:32.9	-0.2	T				
WLF	e Sn	N	23:03:18.9	1.2	T		381.0	201.9	ML 2.9
	e Sg	N	23:03:32.7	-2.2	T				
GRFO	e Sn	E	23:03:25.2	0.8	T		412.7	147.4	ML 2.8
	e Sg	E	23:03:43.9	-0.0	T				
BFO	e Sg	N	23:04:08.7	-1.3	T		503.9	178.3	ML 2.9
WET	e Pn	Z	23:02:58.5	1.0	T	1.7	530.0	139.3	ML 2.8
	e Sg	E	23:04:17.3	-0.1	T				
GEC2	e Pn	Z	23:03:06.1	1.0	T	1.9	593.2	136.6	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/11	03:09:36.4	+/- 0.21	51.565N	6.758E	3.3	2.5	14	1G		17	9	277	2.6ML		LDG	I?
2002/09/11	03:09:37.3		51.531N	6.836E				1					2.1ML		BNS	L

Duisburg, Ruhr Coal Mining District

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg	Z	03:09:42.4	-0.2			31.6	108.4	
TNS	e (Pg)	Z	03:10:07.7	-0.9			184.2	141.5	
	e (Sg)	E	03:10:29.0	-0.9					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/11	04:21:33.0	+/- 0.11	49.135N	6.810E	2.1	1.9	63	1G		18	9	68	2.4ML		LDG	I?

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

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e (Sg)	N	04:22:14.5	0.7			142.9	128.2	
TNS	e (Sg)	N	04:22:20.7	-0.6			168.8	43.6	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/11	08:39:38.9	+/- 0.09	50.785N	6.665E	2.0	1.2	157	11G		12	5	174	2.7ML		LDG	L

Zuelpich, SE of Dueren

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e (Sg)	E 08:40:04.6	1.4			84.2	29.8	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/12	10:01:04.4		48.400N	6.930E				5					2.0ML		NEIC	

Baccarat/F, NW Vosges Mountains

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Sg N	10:01:36.0	2.0			103.7	93.8	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/12	22:31:24.8	+ - 0.07	48.886N	6.092E	1.5	1.2	141	12G		14	8	83	2.1ML		LDG	I

Pont-a-Mousson/F, N of Nancy

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/14	04:46:28.9		51.545N	6.775E				1G		17	7		2.6ML		LDG	I?
2002/09/14	04:46:28.8	+ - 1.21	51.590N	6.690E	16.7	7.8	87	1G		5	3	261	2.0ML	TNS	BGR	I
2002/09/14	04:46:29.2	+ - 0.87	51.490N	6.760E	11.1	5.6	113	1G		6	4	204	2.0ML		SZGRF	I

Duisburg, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg Z	04:46:34.7	-0.5	T		35.7	98.7	ML 1.7
	e Sg E	04:46:39.6	0.1	T				
IBBN	e Pg Z	04:46:47.2	-1.3		3.7	113.7	36.6	ML 2.3
	e Sg E	04:47:01.7	-0.0	T				
TNS	e Pg Z	04:47:00.2	-0.3	T		184.1	139.3	ML 2.0
	e Sg E	04:47:21.6	-0.2	T				
WLF	e Sg N	04:47:28.1	-0.4	T		207.4	192.2	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/15	02:30:11.2	+ - 1.38	50.110N	18.420E	15.6	13.3	99	1G		9	6	318	3.4ML		SZGRF	I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg Z	02:31:02.6	-4.1	T		327.8	286.7	ML 2.9
	e Sg N	02:31:44.4	-0.5	T				
GEC2	e Pg Z	02:31:12.1	-1.6	T		368.7	249.4	ML 3.5
	e Sg E	02:31:56.3	-0.2	T				
CLL	e Pg Z	02:31:17.0	-2.7	T		403.9	291.3	ML 3.5
	e Sg N	02:32:07.4	0.7	T				
WET	e Sg N	02:32:08.2	-1.0	T		413.2	257.1	
MOX	e Sg N	02:32:31.0	0.9	T		486.0	279.6	ML 3.4
GRA1	e Sg N	02:32:41.4	2.3	T		517.4	267.6	ML 3.6

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/15	20:19:00.7	+ - 0.10	49.141N	6.833E	2.2	1.6	105	1G		15	7	75	2.1ML		LDG	I?
2002/09/15	20:19:01.6	+ - 0.54	49.140N	6.850E	8.9	4.4	44	1G		5	3	190	1.3ML	WLF	BGR	I

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg Z	20:19:14.7	-0.0	T	2.0	77.1	319.4	ML 1.3
	e Sg E	20:19:23.9	0.2	T				
BFO	e Pg Z	20:19:25.2	-0.3	T	1.8	141.0	129.1	
	e Sg N	20:19:42.2	0.3	T				
TNS	e Sg N	20:19:49.2	0.0	T		166.4	43.1	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/17	12:06:13.8	+ - 0.70	51.530N	16.240E	6.7	5.6	82	1G		13	7	269	4.2ML		SZGRF	I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg Z	12:06:42.8	-0.8	T		175.9	246.4	ML 3.9
	e Sg N	12:07:04.2	0.1	T				
RUE	e Pn Z	12:06:44.9	-0.1	T		198.5	303.0	ML 3.9
	e Sg N	12:07:11.2	0.7	T				
CLL	e Pn Z	12:06:48.0	-0.2	T		225.8	265.0	ML 3.8
	e Sg N	12:07:18.3	-0.0	T				
MOX	e Pn Z	12:07:02.3	0.4	T		337.6	254.9	ML 4.3
	e Sg N	12:07:50.7	0.5	T				
GEC2	e Pn Z	12:07:05.3	2.1	T		348.9	212.2	ML 4.4
	e Sg E	12:07:53.4	-0.1	T				
WET	e Pn Z	12:07:05.4	1.2	T		356.7	223.3	ML 4.1
GRA1	e Pn Z	12:07:12.1	1.5	T		408.7	242.0	ML 4.8
	e Sg E	12:08:10.7	0.2	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/17	13:58:43.6	+ - 0.09	47.223N	7.297E	2.2	1.4	64	15	+ - 0.0	18	7	82	2.3ML		LDG	L

St. Ursanne/CH, SW of Delemont

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Sg E	13:59:23.8	-1.5			145.3	31.7	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/17	15:01:49.3	+ - 0.50	51.661N	7.741E	7.5	7.0	7	1G		10	5	303	2.8ML		LDG	I?
2002/09/17	15:01:51.2	+ - 0.51	51.590N	7.760E	7.8	5.6	85	1G		5	3	162	2.3ML		SZGRF	I
2002/09/17	15:01:51.2	+ - 0.37	51.580N	7.800E	4.4	4.4	53	1G		8	4	111	2.4ML	IBBN	BGR	I
2002/09/17	15:01:49.0		51.653N	7.772E				1G					2.3ML		RUB	I

Hamm/Westfalen, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg - Z	15:01:57.1	1.0	TA		42.0	236.0	ML 2.3

	e	Sg	E	15:02:03.0	2.0	6.3											
IBBN	e	Pg	N	15:02:04.8	3.5	1.8	72.8	359.2	ML	2.4							
	e	Sg	N	15:02:14.6	4.8	2.1											
TNS	e	Pg	Z	15:02:18.2	1.0	5.1	165.9	163.2	ML	2.3							
	e	Sg	N	15:02:36.5	0.1	3.9											
MOX	e	Sn	E	15:03:03.0	1.2		290.6	111.2	ML	2.4							
	e	Sg	E	15:03:13.0	1.0	2.2											

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/19	20:20:04.4	+ - 0.05	49.144N	6.870E	1.3	1.0	110	1G		54	21	41	3.1ML		LDG	I?
2002/09/19	20:19:58.7		49.600N	6.400E				10					2.9ML		SED	
2002/09/19	20:20:04.2		49.130N	6.860E				1					2.8ML		NEIC	
2002/09/19	20:20:03.7	+ - 0.70	49.100N	6.830E	8.0	3.0	37	3	+ - 4.0	16	7	250	2.6ML		LER	I
2002/09/19	20:20:02.2	+ - 1.56	49.110N	6.610E	27.8	8.9	68	1G		6	3	282	2.7ML	TNS	BGR	I
2002/09/19	20:20:05.1	+ - 0.53	49.140N	6.870E	7.8	4.4	44	1G		6	3	189	2.4ML		SZGRF	I
<b>2002/09/19</b>	<b>20:20:04.3</b>	<b>+ - 0.20</b>	<b>49.140N</b>	<b>6.880E</b>	<b>3.0</b>	<b>2.0</b>	<b>63</b>	<b>1G</b>		<b>22</b>	<b>15</b>	<b>168</b>	<b>2.5ML</b>		<b>LEDBW</b>	<b>I</b>

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
DUP	e Pg +	20:20:09.7	0.1	T		30.9	347.3	ML 2.5
	Sg	20:20:13.9	0.8	T				
PEB	e Pg -	20:20:14.5	-0.2	T		61.4	97.3	ML 2.5
	Sg	20:20:21.6	-0.3	T				
RIVT	e Pg +	20:20:15.1	0.0	T		63.7	352.6	ML 2.1
	Sg	20:20:23.2	0.7	T				
RUP	e Pg	20:20:15.3	0.2	T		63.8	11.7	
WLF	e Pg Z	20:20:17.9	0.3			78.6	318.2	ML 2.3
	e Sg N	20:20:27.3	0.6					
IMS	e Pn	20:20:20.8	-1.4			89.5	55.3	ML 2.5
	e Pg -	20:20:19.6	0.1	T				
	e PmP	20:20:20.8	-1.6	T				
	e Sg	20:20:31.4	1.5					
	e SmS	20:20:32.7	-2.2	T				
KTD	Pg	20:20:19.3	-0.2	T		89.7	76.6	
ABH	Pg	20:20:20.6	0.1	T		95.5	30.0	
FSH	e Pn	20:20:23.6	-0.5			105.4	8.9	ML 2.7
	e Pg +	20:20:22.6	0.4	T				
	e PmP	20:20:23.6	-1.2	T				
	Sg	20:20:35.2	0.8					
LIBD	Pn	20:20:26.2	0.1	T		122.2	154.0	
BLI	e Pn	20:20:25.9	-1.1	T		128.7	340.9	ML 2.5
	e Sn	20:20:40.9	-1.9					
SWS	Pn	20:20:26.6	-1.4			137.4	73.1	ML 2.2
	e Sg	20:20:43.4	-0.2	T				
BFO	e Pn Z	20:20:27.4	-0.8		3.8	139.3	129.7	ML 2.4
	e Pg Z	20:20:28.5	0.6		29.4			
	e Sg N	20:20:45.5	1.4					
TOD	Sg	20:20:46.8	0.1			148.6	68.9	
LBG	e Pn -	20:20:28.5	-1.0			149.6	110.0	ML 2.7
	e Pg	20:20:30.6	0.9					
	e Sg	20:20:48.5	1.4					
KIZ	e Pn	20:20:29.6	-0.2			152.2	149.5	ML 2.5
	e Pg	20:20:31.6	1.5					
	e Sg	20:20:48.5	0.7					
FACH	e Pn	20:20:28.3	-2.1			157.1	30.2	ML 2.6

	e	Pg		20:20:30.8	-0.1													
		Sn		20:20:47.9	-0.9													
FELD		Pg		20:20:31.8	-0.2				163.1	149.1								
TNS	e	Pn	Z	20:20:30.8	-0.6			1.2	164.9	42.5				ML	2.7			
	e	Pg	Z	20:20:32.9	0.6			7.7										
	e	Sg	Z	20:20:52.5	1.1													
BBS		Pg		20:20:36.4	-0.5				192.0	165.7								
BUCH	e	Pg		20:20:38.3	0.7				196.7	112.0				ML	2.4			
	e	Sg		20:21:03.5	3.0													
SIND	e	Pg	+	20:20:37.6	-0.5				199.2	82.3				ML	2.6			
	e	Sg		20:21:01.0	-0.2													
GUT	e	Pg	-	20:20:39.6	0.9				202.8	125.0				ML	2.6			
	e	Sg		20:21:03.9	1.6													
UBR		Pn		20:20:47.0	0.6				288.2	123.0				ML	2.6			
	e	Pg		20:20:54.3	1.1													
MOX	e	Pg		20:21:11.7	3.3				378.1	61.9								
	e	Sg		20:21:53.7	1.4													
WET	e	Pn	Z	20:21:05.6	1.2			2.5	436.2	87.7								
CLL	e	Sg		20:22:26.0	-0.5				497.6	58.7								
BRG	e	Sg		20:22:45.3	6.7				540.0	66.4								

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/22	04:58:44.2	+/- 0.10	48.513N	9.354E	1.9	1.6	166	4G		17	7	71	2.2ML		LDG	L
2002/09/22	04:58:43.3	+/- 0.37	48.520N	9.430E	5.6	3.3	177	5G		10	6	150	1.8ML	GRFO	BGR	L
<b>2002/09/22</b>	<b>04:58:43.7</b>	<b>+/- 0.17</b>	<b>48.515N</b>	<b>9.371E</b>	<b>2.0</b>	<b>1.4</b>	<b>70</b>	<b>4G</b>		<b>34</b>	<b>14</b>	<b>72</b>	<b>1.8ML</b>		<b>LEDBW</b>	<b>I</b>

Urach/Swabian Jura

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUCH	i Pg -	04:58:45.5	0.3	T		7.4	190.4	ML 1.6
	i Sg	04:58:46.8	0.7	T				
LBG	i Pg +	04:58:51.9	0.4	T		45.5	291.5	ML 2.0
	e Sg	04:58:57.5	0.7	T				
GUT	i Pg -	04:58:53.1	0.3	T		52.9	201.0	ML 1.6
	i Sg	04:58:59.6	0.7	T				
HDH	e Pg +	04:58:54.5	0.2	T		62.0	82.6	ML 1.4
	e Sg	04:59:02.0	0.5	T				
SPAK	e PmP-	04:58:56.6	-1.4	T		63.1	223.5	
	e Sg	04:59:02.2	0.4	T				
BFO	e Pg +	04:58:57.5	0.3	T		79.5	255.4	ML 2.0
	e PmP	04:58:59.0	-1.2	T				
	e Sg	04:59:07.8	1.4	T				
	e SmS	04:59:09.6	-2.0	T				
SIND	e Pg -	04:59:00.1	0.4	T		94.3	10.4	ML 1.8
	e Sg	04:59:11.3	0.6	T				
UBR	e Pg -	04:59:02.6	0.6	T		107.7	149.2	ML 2.3
	e PmP	04:59:03.5	-0.8	T				
	e Sg	04:59:16.0	1.5	T				
	e SmS	04:59:17.5	-0.9	T				
SWS	e Pg -	04:59:04.4	0.6	T		118.3	335.9	ML 1.8
	e Sg	04:59:18.9	1.3	T				
FELD	e Pn +	04:59:04.2	-1.2	T		123.7	235.5	
	e Pg	04:59:05.5	0.8	T				
KIZ	e Pn +	04:59:04.1	-1.4	T		124.2	240.5	ML 2.3
	e Pg	04:59:05.3	0.5	T				
	e Sn	04:59:19.4	-1.4	T				

Station	Phase	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
TOD	e Pg -	04:59:05.9	0.4														
	e Sg	04:59:21.9	1.5														
FUR	e Pg Z	04:59:08.7	0.2														
	e Sg N	04:59:23.0	-2.5														
GRFO	e Pg Z	04:59:15.3	-0.2														
	e Sg N	04:59:36.1	-1.3														
TNS	Pg	04:59:18.0	0.1														
	e Sg	04:59:41.8	0.6														
WET	e Pg Z	04:59:27.4	-1.4														
GEC2	e Pn Z	04:59:29.7	0.4														
	e Pg Z	04:59:37.5	-0.5														
	e Sn N	05:00:01.1	-1.0														
	e Sg N	05:00:13.0	-2.2														

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/22	11:31:45.2	+/- 0.44	47.252N	9.122E	8.6	4.8	76	10G		9	4	232	2.2ML		LDG	L
<b>2002/09/22</b>	<b>11:31:38.6</b>		<b>47.200N</b>	<b>9.400E</b>				<b>2</b>					<b>1.7ML</b>		<b>SED</b>	

Vaduz/Liechtenstein, Swiss-Liechtenstein-Austrian border reg

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg Z	11:32:05.4	1.5		3.7	149.0	327.9	
	e Sg E	11:32:22.0	0.8					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/24	05:04:35.9	+/- 0.37	51.590N	7.790E	4.4	3.3	96	1G		9	5	112	2.2ML	IBBN	BGR	I
<b>2002/09/24</b>	<b>05:04:34.6</b>		<b>51.653N</b>	<b>7.761E</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	05:04:42.6	1.0	TA		41.4	235.4	ML 2.1
	e Sg N	05:04:47.8	1.4					
IBBN	e Pg Z	05:04:48.7	1.8		1.9	72.7	359.7	ML 2.2
	e Sg E	05:04:59.0	3.6					
TNS	e Pg Z	05:05:02.9	0.2		5.3	166.2	162.9	ML 2.1
	e Sg N	05:05:21.6	-0.5					
WLF	e Pg Z	05:05:17.2	0.5		1.4	248.5	207.8	ML 2.4
	e Sg E	05:05:44.5	-1.1					
MOX	e Sg N	05:05:58.2	0.4			291.2	111.1	ML 2.4

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/24	06:42:20.5	+/- 0.11	48.897N	6.080E	2.6	1.4	58	2G		14	6	187	2.1ML		LDG	L

Pont-a-Mousson/F, N of Nancy

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/24	21:47:31.8	+/- 1.02	49.770N	18.320E	13.3	13.3	74	1G		11	6	318	3.2ML		SZGRF	I



## CZECHOSLOVAKIA

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg	Z	21:48:25.4	-3.0	T		334.0	293.2	ML 2.9
	e Sg	Z	21:49:06.8	-0.4	T				
GEC2	e Pg	Z	21:48:29.3	-1.8	T		350.2	254.7	ML 3.3
	e Sg	E	21:49:11.2	-0.6	T				
WET	e Pn	Z	21:48:26.5	-0.9	T		399.3	262.0	ML 3.3
	e Pg	Z	21:48:36.5	-2.9	T				
	e Sg	N	21:49:25.9	0.1	T				
CLL	e Pg	Z	21:48:39.4	-2.3	T		412.7	296.5	ML 3.2
	e Sg	E	21:49:29.2	-0.5	T				
MOX	e Pg	Z	21:48:52.2	-2.0	T		486.7	284.1	
GRA1	e Sg	N	21:50:00.0	2.6	T		510.0	271.7	ML 3.5

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/24	22:27:53.5	+- 0.07	49.172N	6.841E	1.7	1.2	127	1G		25	11	68	2.8ML		LDG	I?
2002/09/24	22:27:54.1	+- 0.50	49.130N	6.870E	7.8	3.3	41	1G		9	6	189	2.1ML	TNS	BGR	I
<b>2002/09/24</b>	<b>22:27:55.0</b>	<b>+- 0.52</b>	<b>49.160N</b>	<b>6.870E</b>	<b>7.8</b>	<b>4.4</b>	<b>40</b>	<b>1G</b>		<b>7</b>	<b>4</b>	<b>187</b>	<b>2.0ML</b>		<b>SZGRF</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	22:28:07.4	-0.6	T		76.4	317.5	ML 2.1
	e Sg	N	22:28:16.7	-0.1	T				
BFO	e Pg	Z	22:28:18.2	-0.7	T		141.3	130.2	ML 1.8
	e Sg	N	22:28:34.9	-0.5	T				
TNS	e Pg	Z	22:28:21.7	-1.1	T		163.8	43.2	ML 2.1
	e Sg	E	22:28:41.5	-0.3	T				
STU	e Sg	E	22:28:45.8	0.8	T		175.0	103.4	ML 2.3
WET	e Pn	Z	22:28:54.9	-0.3		2.5	436.8	88.0	
GEC2	e Pn	Z	22:29:02.5	-0.3		4.3	499.4	91.4	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/24	23:35:24.5	+- 0.81	51.570N	16.110E	12.2	8.9	165	1G		11	6	306	3.7ML		SZGRF	I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg	Z	23:35:52.9	-0.3	T		169.6	243.7	ML 3.4
	e Sg	E	23:36:12.3	-0.7	T				
CLL	e Pn	Z	23:35:57.8	-0.1	T		217.3	263.5	ML 3.5
	e Sg	N	23:36:26.3	-0.3	T				
MOX	e Pn	Z	23:36:12.2	0.5	T		330.1	253.6	ML 3.9
	e Sg	N	23:37:00.1	1.3	T				
GEC2	e Pn	Z	23:36:15.6	1.7	T		348.1	210.4	ML 3.9
WET	e Pn	Z	23:36:15.6	1.0	T		353.9	221.6	ML 3.6
	e Sg	N	23:37:04.8	-0.8	T				
GRA1	e Pn	Z	23:36:22.0	1.4	T		402.9	240.7	ML 4.1
	e Sg	E	23:37:21.0	1.4	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/25	15:15:13.4		49.190N	6.760E				5					2.0ML		NEIC	

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z 15:15:39.4	0.6			149.6	129.1	
	e Sg	E 15:15:56.5	0.3					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/26	14:09:16.0	+ - 1.93	47.740N	14.250E	22.2	15.6	40	10G		6	4	333	2.5ML	WET	BGR	L
2002/09/26	14:09:19.2	+ - 0.37	47.890N	14.400E	12.2	8.9	65	10G		10	5	155	1.8ML		SZGRF	L

Enns Valley/A, S of Steyr

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
GEC2	e Pg	Z 14:09:37.8	-1.5	T		118.1	334.4	ML 2.0
	e Sg	N 14:09:56.2	3.1	T				
WET	e Pg	Z 14:09:47.6	-2.0	T		178.9	321.8	ML 2.4
	e Sg	N 14:10:09.9	-0.5	T				
GRFO	e Sg	N 14:10:45.1	-1.9			307.1	311.9	ML 2.6
MOX	e Sg	N 14:11:02.8	-1.3			366.9	327.6	ML 2.6

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/26	21:01:39.9	+ - 0.08	47.674N	7.459E	1.7	1.5	116	4G		54	22	27	2.9ML		LDG	L
2002/09/26	21:01:39.1		47.700N	7.400E				12					2.6ML		SED	
2002/09/26	21:01:39.2		47.660N	7.470E				10					2.8ML		NEIC	
2002/09/26	21:01:41.1	+ - 0.80	47.730N	7.530E	7.8	4.4	16	10G		16	11	256	2.7ML	WLF	BGR	L
2002/09/26	21:01:39.7	+ - 0.37	47.700N	7.470E	4.4	3.3	105	10G		19	13	223	2.7ML		SZGRF	L
2002/09/26	21:01:39.9	+ - 0.24	47.674N	7.477E	1.8	1.5	37	12	+ - 3.9	21	13	92	2.7ML		LEDBW	L

Sierentz/F, NW of Loerrach/Upper Rhine Graben

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BBS	i Pg -	21:01:44.6	0.2	T		23.4	174.1	
FELD	i Pg +	21:01:48.1	0.2	T		45.4	60.1	
	PmP	21:01:52.0	0.8					
	Sg	21:01:53.8	0.5	T				
KIZ	Pg -	21:01:47.9	0.0	T		45.5	46.2	ML 2.7
	e Sg	21:01:53.4	0.1	T				
FBB	Pg	21:01:48.1	0.1	T		46.0	37.5	
LIBD	Pg	21:01:49.8	0.5	T		53.8	10.0	
	Sg	21:01:56.8	1.1	T				
BFO	e Pg	Z 21:01:55.6	-0.8			96.7	40.7	ML 2.3
	e Sg	N 21:02:07.7	-0.0					
SPAK	e Pg	21:01:58.6	0.2	T		108.6	63.5	
GUT	Pn	21:02:00.2	-1.2	T		129.9	69.5	ML 2.8
	Pg	21:02:01.9	-0.1	T				
	Sg	21:02:17.5	0.4	T				
LBG	e Pn -	21:02:01.9	-1.6	T		147.2	41.1	ML 2.6
	Sg	21:02:21.8	-0.3	T				
BUCH	e Pn +	21:02:04.3	-1.3			163.9	57.6	ML 2.5
	Sn	21:02:23.4	-0.5					
STU	e Sg	N 21:02:29.6	-0.8			176.2	45.6	ML 2.9

UBR		Pg		21:02:13.7	0.4			197.0	88.8	ML	2.3
HDH		Pg		21:02:19.0	0.6			226.5	62.4	ML	2.8
RUP		Pn		21:02:15.1	1.8			227.5	352.4		
WLF	e	Pn	Z	21:02:17.1	2.0	1.9		241.8	336.8	ML	2.7
	e	Sg	E	21:02:48.4	-0.6						
SIND	e	Pn		21:02:13.8	-1.5			243.4	39.3	ML	2.7
		Pg		21:02:21.1	-0.1						
		Sn		21:02:39.7	-1.0						
ABH		Pn		21:02:15.9	0.3			245.5	1.2		
FUR	e	Sg	N	21:03:02.7	0.4			288.2	77.7	ML	3.0
TNS	e	Pn	Z	21:02:21.1	-0.2	2.0		292.1	13.7	ML	2.5
	e	Sg	E	21:03:03.0	-0.5						
GRFO	e	Sg	E	21:03:20.7	-0.6			354.6	49.4	ML	2.9
GRA1	e	Sg	E	21:03:19.6	-1.7			354.8	49.4	ML	3.1
WET	e	Pg	Z	21:02:52.6	-0.4	1.4		430.7	65.7	ML	2.9
	e	Sg	N	21:03:41.6	-1.4						
MOX	e	Sg	N	21:03:45.5	-2.1			446.7	40.8	ML	2.9
GEC2	e	Pg	Z	21:03:01.5	0.4	1.4		478.7	71.9	ML	2.8
	e	Sg	N	21:03:57.2	0.5						
CLL	e	Sg	N	21:04:20.9	-1.2			567.6	42.6	ML	3.0
BRG	e	Sg	N	21:04:26.5	-1.6			588.3	50.4	ML	2.9

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/27	04:29:26.8		49.160N	6.890E				1					2.2ML		NEIC	
2002/09/27	04:29:26.9	+ - 0.10	49.155N	6.864E	2.0	1.8	136	1G		22	11	66	2.5ML		LDG	I?
<b>2002/09/27</b>	<b>04:29:27.7</b>	<b>+ - 1.57</b>	<b>49.160N</b>	<b>6.860E</b>	<b>22.2</b>	<b>6.7</b>	<b>87</b>	<b>1G</b>		<b>6</b>	<b>4</b>	<b>273</b>	<b>1.7ML</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
BFO	e Pg Z	04:29:51.4	-0.3	T	4.4	141.9	130.0	ML 1.7
	e Sg E	04:30:08.3	0.1	T				
TNS	e Pg N	04:29:54.7	-0.8	T	1.7	164.3	43.4	ML 1.9
	e Sg N	04:30:14.8	0.2	T				
WET	e Pn N	04:30:28.5	0.5	T	1.2	437.6	88.0	
GEC2	e Pn Z	04:30:36.4	0.8	T	1.6	500.1	91.4	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/27	17:10:06.2	+ - 1.28	51.530N	7.740E	14.5	6.7	26	1G		6	3	267	2.2ML		SZGRF	I
2002/09/27	17:10:03.2	+ - 0.43	51.570N	7.580E	5.6	4.4	166	1G		13	7	131	2.3ML	MOX	BGR	I
<b>2002/09/27</b>	<b>17:10:02.7</b>		<b>51.655N</b>	<b>7.753E</b>				<b>1G</b>					<b>1.9ML</b>		<b>RUB</b>	<b>I</b>

Hamm/Westfalen, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg - Z	17:10:10.6	0.9	TA		41.1	234.7	ML 1.9
	e Sg E	17:10:16.4	2.0					
IBBN	e Pg Z	17:10:17.4	2.4		2.0	72.5	0.2	
TNS	e Pg Z	17:10:31.0	0.0		4.9	166.6	162.8	ML 2.1
	e Sg N	17:10:49.9	-0.3					
WLF	e Pg Z	17:10:44.6	-0.2			248.4	207.6	ML 2.3
	e Sg N	17:11:13.4	-0.3					
MOX	e Pg Z	17:10:54.6	2.4		1.2	291.8	111.1	ML 2.3
	e Sn N	17:11:17.8	2.1					

GRFO	e	Sg	N	17:11:28.1	2.1															
CLL	e	Pg	Z	17:11:07.7	3.0	1.7	365.4	94.0												
BFO	e	Pn	Z	17:10:56.0	1.0	1.2	372.0	173.4												
BRG	e	Sg	N	17:12:15.1	6.9		439.2	99.0												

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/27	22:36:18.0		49.150N	6.870E									2.3ML		NEIC	
2002/09/27	22:36:15.6		49.700N	7.100E				10					2.4ML		SED	
2002/09/27	22:36:18.3	+ - 0.08	49.151N	6.843E	1.4	1.2	88	1G		35	16	90	3.0ML		LDG	I?
2002/09/27	22:36:19.3	+ - 0.76	49.130N	6.930E	7.8	5.6	68	1G		13	8	234	2.4ML	TNS	BGR	I
2002/09/27	22:36:19.2	+ - 0.53	49.140N	6.870E	7.8	4.4	51	1G		7	4	189	2.3ML		SZGRF	I
<b>2002/09/27</b>	<b>22:36:18.6</b>	<b>+ - 0.30</b>	<b>49.150N</b>	<b>6.870E</b>	<b>5.0</b>	<b>2.0</b>	<b>70</b>	<b>1G</b>		<b>35</b>	<b>19</b>	<b>168</b>	<b>2.2ML</b>		<b>LEDBW</b>	<b>I</b>

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
DUP	e Pg -	22:36:23.6	-0.1	T		29.7	348.2	ML 2.2
	Sg	22:36:27.6	0.5					
PEB	e Pg +	22:36:28.7	-0.5	T		62.3	98.2	ML 2.4
	e Sg	22:36:36.4	-0.0	T				
RIVT	e Pg -	22:36:29.0	-0.2	T		62.5	353.1	ML 1.8
RUP	e Pg -	22:36:29.3	0.1	T		62.8	12.5	
	e Sg	22:36:37.2	0.7	T				
WLF	e Pg Z	22:36:31.8	0.1			77.3	318.1	ML 2.2
	e Sg N	22:36:41.5	0.8					
IMS	e Pg	22:36:34.0	0.2	T		89.5	56.1	ML 2.1
	e PmP	22:36:34.9	-1.9	T				
	e Sg	22:36:44.9	0.8	T				
	e SmS	22:36:47.3	-2.0	T				
KTD	e Pg	22:36:33.5	-0.3	T		90.1	77.4	
ABH	e Pg	22:36:34.1	-0.6	T		94.9	30.8	
BLI	e Pn -	22:36:39.5	-1.6	T		127.4	341.0	ML 2.2
	e Pg	22:36:40.1	-0.1	T				
	e Sn	22:36:55.4	-1.5	T				
SWS	e Pg	22:36:40.8	-1.1	T		137.8	73.7	ML 1.9
	e Sg	22:36:58.2	0.2	T				
BFO	e Pg Z	22:36:41.6	-0.8			140.6	129.9	ML 2.1
	e Sg N	22:36:59.9	1.2					
TOD	e Pg	22:36:42.0	-1.8	T		148.9	69.4	
	e Sg	22:37:01.0	-0.1	T				
LBG	e Pn	22:36:43.0	-0.9	T		150.7	110.3	ML 2.4
	e Pg	22:36:44.8	0.7	T				
	e Sg	22:37:02.5	0.9	T				
KIZ	e Pg	22:36:44.5	-0.2	T		153.5	149.4	ML 2.3
	e Sn	22:37:00.0	-2.4					
	e Sg	22:37:02.7	0.2	T				
FELD	e Pg -	22:36:46.3	-0.1	T		164.4	149.0	
	e Sg	22:37:05.9	0.3	T				
TNS	e Pg Z	22:36:44.6	-1.9			164.6	43.0	ML 2.4
	e Sg N	22:37:06.6	1.0					
BUCH	e Sg	22:37:16.3	1.1	T		197.8	112.2	ML 2.3
GUT	e Pg	22:36:53.9	0.7	T		204.1	125.2	ML 2.5
	e Sg	22:37:16.9	-0.0	T				

BUG	e	Sg	N	22:37:33.6	1.8				256.3	6.2	ML	2.5				
UBR		Sg		22:37:43.3	2.0				289.4	123.1	ML	2.5				
GRFO	e	Pg	Z	22:37:13.3	0.4		2.3		320.3	77.5	ML	2.7				
	e	Sg	N	22:37:48.8	-1.3											
MOX	e	Sg	N	22:38:06.8	0.1				378.3	62.1	ML	2.5				
WET	e	Pn	Z	22:37:18.8	-0.0		3.0		436.9	87.8	ML	2.6				
	e	Sg	N	22:38:22.6	-0.8											
CLL	e	Sg	N	22:38:41.1	0.3				497.6	58.9						
GEC2	e	Pn	Z	22:37:27.7	1.3		4.8		499.4	91.3	ML	2.7				
	e	Sn	N	22:38:16.2	0.7											
	e	Sg	N	22:38:41.6	0.3											
BRG	e	Sg		22:38:54.7	1.8				540.2	66.6						

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/28	18:43:38.3		49.763N	12.282E				10					2.6ML		NEIC	
2002/09/28	18:43:38.2	+ - 0.24	49.820N	12.330E	2.2	2.2	105	10G		18	9	93	2.1ML	GEC2	BGR	L
<b>2002/09/28</b>	<b>18:43:38.6</b>	<b>+ - 0.28</b>	<b>49.820N</b>	<b>12.320E</b>	<b>3.3</b>	<b>3.3</b>	<b>72</b>	<b>10G</b>		<b>13</b>	<b>8</b>	<b>92</b>	<b>2.2ML</b>		<b>SZGRF</b>	<b>L</b>

Erbendorf, SE of Bayreuth

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag	
ROTZ	i	Pg	-	18:43:42.0	1.0		9.9	234.1	ML 2.4	
	i	Sg		18:43:44.3	1.6					
GRA1	e	Pg	Z	18:43:52.8	0.4		80.1	260.2	ML 2.1	
	e	Sg	N	18:44:02.6	0.9					
GRFO	e	Pg	Z	18:43:52.7	0.3		5.6	80.3	260.1	ML 1.9
	e	Sg	E	18:44:02.2	0.4					
WET	e	Pg	Z	18:43:53.1	-0.0		85.3	151.6	ML 1.8	
	e	Sg	E	18:44:03.1	-0.1					
MOX	e	Pg	Z	18:43:56.1	-0.3		104.5	331.6	ML 2.0	
	e	Sg	E	18:44:08.6	-0.0					
GEC2	e	Pg	Z	18:44:02.8	-0.9		147.5	136.8	ML 2.3	
	e	Sg	E	18:44:20.2	-0.6					
BRG	e	Pg	Z	18:44:05.8	-0.7		164.2	43.9	ML 2.5	
	e	Sg	N	18:44:25.2	-0.5					
CLL	e	Pn	Z	18:44:06.2	0.6		1.8	172.3	16.0	ML 2.5
	e	Pg	Z	18:44:07.1	-0.8		8.7			
	e	Sg	N	18:44:27.7	-0.2					
FUR	e	Pg	Z	18:44:11.9	-0.6		3.2	199.4	202.9	ML 2.5
	e	Sg	N	18:44:35.8	0.2					
TNS	e	Sg	N	18:44:57.8	-0.9			280.2	280.7	ML 2.6
	e	Pg	Z	18:44:36.2	0.9		4.2	334.5	241.8	
BFO	e	Sg	N	18:45:13.3	-0.9					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/09/29	11:09:44.3	+ - 0.77	46.510N	12.880E	8.9	6.7	120	10G		15	7	289	3.3ML		SZGRF	L

NORTHERN ITALY

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
GEC2	e	Pn	Z	11:09:44.2	1.5		266.8	13.0	ML 3.3
	e	Sg	N	11:10:20.1	-0.6				
WET	e	Pn	Z	11:09:46.6	0.7		292.9	360.0	ML 3.2
GRA1	e	Pn	Z	11:09:56.3	0.4		374.6	341.4	ML 3.5

	e	Sn	N	11:10:37.2	4.1	T											
	e	Sg	E	11:10:50.9	-0.5	T											
BFO	e	Pn	Z	11:09:59.5	0.8	T	397.6	302.3	ML	3.2							
	e	Sn	N	11:10:42.3	4.3	T											
MOX	e	Pn	Z	11:10:07.7	0.3	T	469.0	349.0									
	e	Sn	N	11:10:57.7	4.6	T											
	e	Sg	E	11:11:17.6	-0.7	T											
BRG	e	Sn	N	11:11:02.6	4.8	T	491.4	8.7									
	e	Sg	E	11:11:25.7	0.9	T											
CLL	e	Pn	Z	11:10:16.6	1.3	T	533.5	0.9									
	e	Sg	N	11:11:36.6	-0.2	T											

2002/09/30 02:48:33.9 +- 0.66 46.310N 13.600E 8.9 7.8 102 10G 16 8 298 4.3ML SZGRF L

AUSTRIA

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
GEC2	e Pn Z	02:49:15.0	0.8	T		282.0	1.5	ML 4.2
	e Sg E	02:49:52.6	-1.9	T				
WET	e Pn Z	02:49:19.7	1.0	T		319.7	350.5	ML 4.1
	e Sg E	02:50:03.9	-1.3	T				
GRA1	e Pn Z	02:49:32.0	1.6	T		415.5	335.7	ML 4.7
	e Sg E	02:50:34.0	1.4	T				
BFO	e Pn Z	02:49:36.5	1.1	T		456.2	301.4	ML 4.3
	e Sg N	02:50:42.9	-1.4	T				
MOX	e Pn Z	02:49:41.8	0.6	T		503.6	343.9	ML 4.4
	e Sg E	02:50:56.7	-1.1	T				
BRG	e Pn Z	02:49:42.2	0.5	T		508.0	2.7	ML 3.7
	e Sg N	02:51:00.2	1.1	T				
CLL	e Pn Z	02:49:48.4	0.6	T		557.4	355.7	ML 4.6
	e Sg E	02:51:14.1	1.0	T				
TNS	e Pn Z	02:49:52.7	2.5	T		578.3	320.7	ML 4.6
	e Sg N	02:51:20.1	1.0	T				

2002/09/30 03:11:31.2 +- 0.39 47.142N 8.580E 7.9 5.2 64 10G 7 4 149 2.2ML LDG L  
2002/09/30 03:11:34.8 47.000N 8.300E 3 1.5ML SED

Sarnen/CH, SW of Luzern

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg Z	03:12:02.3	2.5		1.8	147.9	0.8	
	e Sg N	03:12:18.5	1.4					

2002/09/30 20:40:32.1 +- 0.77 51.480N 16.170E 8.9 7.8 160 1G 12 6 305 3.3ML SZGRF I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pn Z	20:41:00.5	0.8	T		169.3	247.4	ML 2.9

	e	Sg	N	20:41:20.7	0.2	T				
CLL	e	Pn	Z	20:41:05.4	-0.6	T	220.6	266.3	ML	3.0
	e	Sg	E	20:41:34.7	-0.4	T				
MOX	e	Pn	Z	20:41:20.2	0.8	T	331.5	255.5	ML	3.5
	e	Sg	N	20:42:07.9	1.1	T				
GEC2	e	Pn	Z	20:41:22.6	1.9	T	341.6	211.9	ML	3.4
	e	Sg	E	20:42:09.5	-0.2	T				
WET	e	Pn	Z	20:41:22.7	1.1	T	349.4	223.3	ML	3.2
	e	Sg	E	20:42:11.3	-0.6	T				
GRA1	e	Pn	Z	20:41:29.8	1.8	T	401.8	242.3	ML	3.6
	e	Sg	N	20:42:27.8	0.9	T				

Unassociated arrivals

Sta	Phase	Date	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	i Sg	2002/09/01	12:22:19.1						
BRG	i Sg	2002/09/01	17:27:29.9						
BRG	i Sg	2002/09/03	06:06:48.2						
BRG	i Sg	2002/09/03	18:29:12.7						
BRG	i Sg	2002/09/04	02:44:03.7						
BRG	e Sg	2002/09/05	03:47:20.0						
BRG	i Sg	2002/09/05	18:14:53.5						
BRG	e Sg	2002/09/06	21:39:35.1						
BRG	e Sg	2002/09/07	02:54:54.9						
SCE	i Pn -	2002/09/07	06:41:21.5						
BRG	e Sg	2002/09/07	06:47:17.0						
BRG	e Pg	2002/09/07	15:10:23.1						
BRG	e Sg	2002/09/07	15:10:41.4						
BRG	e Sg	2002/09/07	15:47:04.7						
BRG	e Sg	2002/09/07	22:50:05.1						
BRG	e Sg	2002/09/08	18:01:51.3						
BRG	e Sg	2002/09/08	22:12:52.7						
BRG	i Pg	2002/09/09	01:12:23.6						
BRG	i Sg	2002/09/09	01:13:06.3						
BRG	e Pg	2002/09/09	02:12:15.5						
BRG	e Sg	2002/09/09	02:12:56.5						
BRG	e Sg	2002/09/10	07:19:32.4						

MOX	e	Sg	2002/09/10 18:02:36.2
BRG	e	Sg	2002/09/11 01:53:59.0
BRG	e	Sg	2002/09/11 08:26:30.0
BRG	e	Sg	2002/09/12 17:08:02.9
CLL	i	Sg	2002/09/13 01:48:14.9
BRG	e	Sg	2002/09/13 13:22:21.7
BRG	e	Sg	2002/09/13 22:02:56.7
BRG	e	Sg	2002/09/14 12:54:02.9
BRG	e	Sg	2002/09/15 22:42:28.3
BRG	e	Sg	2002/09/16 08:14:44.7
CLL	i	Sg	2002/09/16 19:31:32.8
BRG	e	Sg	2002/09/16 20:32:56.2
BRG	e	Sg	2002/09/17 19:43:16.8
MOX	e	Sg	2002/09/18 22:15:07.5
SCE	e	Pg	2002/09/19 10:17:45.5
SCE	e	Sg	2002/09/19 10:18:00.0
BRG	e	Sg	2002/09/20 02:30:31.0
MOX	e	Sg	2002/09/20 05:50:41.6
BRG	e	Sg	2002/09/20 11:15:30.5
BRG	e	Sg	2002/09/20 17:51:26.4
BRG	e	Sg	2002/09/20 19:20:13.5
BRG	e	Sg	2002/09/22 02:07:35.3
BRG	e	Sg	2002/09/22 10:49:38.3
BRG	e	Sg	2002/09/23 00:23:37.2
BRG	e	Sg	2002/09/24 05:57:07.7
BRG	e	Sg	2002/09/24 18:33:58.2
BRG	e	Sg	2002/09/24 19:11:59.8
BRG	e	Sg	2002/09/25 20:36:22.7
MOX	e	Pg	2002/09/26 17:10:54.5
MOX	e	Sg	2002/09/26 17:11:28.4

ML 2.2



CLL	e	Sg	2002/09/26 21:00:53.0
BRG	e	Sg	2002/09/28 03:27:20.5
BRG	e	Sg	2002/09/28 18:34:24.0
BRG	e	Sg	2002/09/29 08:34:08.3
BRG	e	Sg	2002/09/29 12:40:42.7