

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
 2002/04/02 04:24:25.4 +- 1.09 51.410N 16.180E 12.2 8.9 21 1G 9 6 304 3.0ML SZGRF I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg	Z	04:24:53.0	-0.7	T		167.1	249.9	ML 2.7
	e Sg	N	04:25:13.3	0.2	T				
CLL	e Sg	N	04:25:27.5	-1.0	T		220.9	268.3	ML 2.8
	e Pg	Z	04:25:19.8	-1.5	T		330.3	256.9	ML 3.1
GEC2	e Sg	N	04:25:60.0	0.2	T				
	e Pn	Z	04:25:14.2	1.0	T		335.4	212.7	
WET	e Sg	N	04:26:00.9	-0.3	T				
	e Pn	Z	04:25:14.4	0.1	T		344.2	224.2	
GRA1	e Sg	E	04:26:20.4	1.1	T		398.9	243.3	ML 3.4

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
 2002/04/03 15:00:44.2 48.461N 7.408E 5G 8 3 LDG L

Molsheim/F, SW of Strasbourg/Upper Rhine Graben

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z	15:00:58.2	2.2			69.6	101.8	
	e Sg	N	15:01:08.0	3.8					

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
 2002/04/03 15:45:19.1 49.364N 6.887E 1G 16 7 2.8ML LDG L
 2002/04/03 15:45:19.7 +- 0.57 49.380N 6.910E 14.5 6.7 47 1G 4 3 162 2.0ML TNS BGR I
 2002/04/03 15:45:19.9 +- 0.45 49.370N 6.860E 7.8 4.4 33 1G 6 3 166 1.8ML SZGRF I

Saarbruecken-West

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg	Z	15:45:30.2	-0.0	T		60.7	302.9	ML 1.5
	e Sg	E	15:45:37.0	-0.3	T				
TNS	e Pg	Z	15:45:44.0	-1.0	T		148.2	49.6	ML 2.0
	e Sg	E	15:46:02.3	0.0	T				
BFO	e Pg	Z	15:45:46.2	-0.5	T		157.9	136.5	ML 1.9
	e Sg	N	15:46:04.4	-0.7	T				

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
 2002/04/06 10:18:56.2 49.365N 6.901E 1G 25 10 2.8ML LDG L
 2002/04/06 10:18:56.8 +- 0.45 49.350N 6.870E 7.8 4.4 34 1G 6 3 168 1.9ML SZGRF I
 2002/04/06 10:18:56.0 +- 0.42 49.380N 6.890E 6.7 4.4 44 1G 8 5 163 2.0ML BFO BGR I
 2002/04/06 10:18:56.0 +- 0.30 49.370N 6.880E 4.0 3.0 59 1G 29 17 132 2.2ML LED I

Saarbruecken-West

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
DUP	e Pg		10:18:57.5	0.1	T		8.2	304.2	ML 2.2
RIVT	e Pg		10:19:02.9	0.4	T		38.5	347.6	ML 1.7
	e Sg		10:19:07.6	0.6	T				

RUP	e	Pg	+	10:19:03.0	0.4	T		39.1	19.3								
	e	Sg		10:19:07.7	0.5	T											
WLF	e	Pg	Z	10:19:06.8	0.3		5.7	61.9	302.2	ML	1.5						
	e	Sg	N	10:19:13.4	-0.3												
ABH	e	Pg	-	10:19:08.4	-0.2	T		74.5	39.9								
	e	Sg		10:19:17.3	0.1	T											
IMS	e	Pg	-	10:19:09.3	0.1	T		77.8	71.0	ML	1.9						
	e	PmP		10:19:10.9	-1.6	T											
	e	Sg		10:19:19.9	1.7	T											
		SmS		10:19:21.8	-2.1												
LANF	e	Pg		10:19:09.6	0.0	T		80.0	122.4								
KTD	e	PmP		10:19:12.0	-1.8	T		87.4	93.2								
ECH	e	Pn		10:19:18.4	-0.4	T		129.9	170.9								
	e	Sg		10:19:34.1	1.0	T											
SWS	e	Pg		10:19:17.8	-0.6	T		132.3	83.8	ML	1.9						
	e	Sg		10:19:33.7	-0.1	T											
TOD	e	Pg		10:19:19.5	-0.4	T		141.4	78.6								
	e	Sg		10:19:37.6	1.2	T											
TNS	e	Pg	Z	10:19:20.9	-0.1		6.1	147.1	49.3	ML	2.1						
	e	Sg	N	10:19:37.6	-0.5												
BFO	e	Pg	Z	10:19:22.8	0.2		7.2	156.9	136.9	ML	2.0						
	e	Sg	N	10:19:40.2	-0.7												
LBG	e	Pn		10:19:23.1	0.6	T		160.2	118.6	ML	2.2						
		Sn		10:19:37.7	-3.5												
MOF	e	Pg		10:19:24.9	0.1	T		169.8	173.6								
	e	Sg		10:19:45.3	0.8	T											
KIZ	e	Pg		10:19:25.4	-0.2	T		174.7	153.7	ML	2.2						
	e	Sg		10:19:45.9	-0.1	T											
FELD	e	Pg		10:19:27.2	-0.2	T		185.5	153.1								
	e	Sg		10:19:48.4	-0.6	T											
SIND	e	Pn		10:19:26.1	-0.9	T		197.4	89.6	ML	2.2						
BUCH	e	Pg		10:19:31.4	0.2	T		207.7	118.6	ML	2.2						
	e	Sg		10:19:54.5	-0.8	T											
SLE	e	Pg		10:19:32.0	-0.3	T		214.2	145.7								
BUG	e	Sg	N	10:20:01.2	-1.1			231.9	6.7	ML	2.4						
GEC2	e	Pn	Z	10:20:05.1	1.2		9.1	499.8	94.1								

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
2002/04/06 19:16:21.8 +- 0.67 51.470N 16.290E 6.7 5.6 113 1G 16 8 280 4.0ML SZGRF I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg Z	19:16:51.0	-0.7	T		176.6	248.8	ML 3.5
	e Sg E	19:17:12.2	-0.1	T				
RUE	e Pn Z	19:16:53.9	0.1	T		205.1	304.0	ML 3.9
	e Sg N	19:17:21.5	1.0	T				
CLL	e Pn Z	19:16:55.9	-0.7	T		228.8	266.8	ML 3.6
	e Sg N	19:17:26.9	-0.3	T				
MOX	e Pn Z	19:17:11.1	0.9	T		339.3	256.1	ML 4.1
	e Sg N	19:17:59.4	0.6	T				
WET	e Pn Z	19:17:13.5	1.5	T		354.3	224.5	ML 3.9
	e Sg E	19:18:02.4	-0.6	T				
GRA1	e Pn Z	19:17:20.4	1.7	T		408.7	243.1	ML 4.4
	e Sg E	19:18:19.5	0.9	T				
CLZ	e Pn Z	19:17:20.3	1.5	T		410.2	278.1	ML 4.0

	e	Sg	E	19:18:18.4	-0.6	T											
TNS	e	Pn	Z	19:17:39.4	1.4	T			567.5	258.9		ML	4.4				
	e	Sg	E	19:19:05.6	1.6	T											

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/07	18:45:46.1		49.371N	6.853E				1G		25	11		2.8ML		LDG	L
2002/04/07	18:45:45.9	+ - 4.31	49.344N	6.944E				1G		12	6	318	2.0ML		BNS	I
2002/04/07	18:45:46.6	+ - 0.45	49.350N	6.860E	6.7	4.4	26	1G		7	4	168	1.9ML		SZGRF	I
2002/04/07	18:45:46.1	+ - 0.36	49.440N	6.910E	7.8	5.6	41	1G		11	6	155	2.1ML	BFO	BGR	I
2002/04/07	18:45:46.1	+ - 0.20	49.360N	6.880E	3.0	2.0	63	1G		31	18	127	2.3ML		LED	I

Saarbruecken-West

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
DUP	e Pg +	18:45:47.6	-0.0	T		8.9	310.1	ML 2.3
	e Sg	18:45:49.0	0.3	T				
RIVT	e Pg	18:45:52.9	0.1	T		39.6	348.0	ML 1.7
	e Sg	18:45:57.7	0.3	T				
RUP	e Pg +	18:45:53.2	0.3	T		40.1	18.7	
	e Sg	18:45:57.8	0.2	T				
WLF	e Pg Z	18:45:57.3	0.6		9.6	62.5	303.1	ML 1.8
	e Sg N	18:46:03.2	-0.8					
PEB	e Pg -	18:45:57.5	-0.3	T		69.0	117.9	ML 2.3
	e Sg	18:46:05.9	0.0	T				
ABH	e Pg -	18:45:58.6	-0.3	T		75.3	39.4	
	e Sg	18:46:07.4	-0.2	T				
IMS	e Pg -	18:45:59.4	0.1	T		78.2	70.2	ML 1.9
	e PmP	18:46:01.0	-1.7	T				
	e Sg	18:46:09.9	1.4	T				
	e SmS	18:46:11.9	-2.2	T				
LANF	e Pg	18:45:59.6	0.1	T		79.4	121.7	
FSH	e Pg	18:46:00.3	0.4	T		81.3	11.6	ML 2.3
KTD	e Pg	18:46:01.7	0.8	T		87.3	92.5	
BGG	e Pg Z	18:46:04.1	1.1			99.6	19.0	
	e Sg E	18:46:14.9	0.3					
HIL	e Pg Z	18:46:04.4	0.6			104.7	352.2	
	e Sg N	18:46:17.1	1.1					
WLS	e Pg	18:46:04.9	0.0	T		110.9	161.6	
	e SmS	18:46:20.7	-1.3	T				
ECH	e PmP	18:46:08.5	-1.6	T		128.8	170.8	
	e SmS	18:46:23.5	-3.1					
KOE	e Pg Z	18:46:08.6	-0.1			133.3	27.0	
	e Sg N	18:46:24.5	0.4					
STB	e Pg Z	18:46:10.1	0.7			137.2	358.8	
	e Sg E	18:46:25.8	0.5					
TOD	e Pg	18:46:09.6	-0.5	T		141.6	78.2	
	e Sg	18:46:28.0	1.4	T				
LIBD	e P*	18:46:11.3		T		144.5	158.2	
	e S*	18:46:28.9		T				
TNS	e Pg Z	18:46:11.3	0.2		6.4	147.8	49.0	ML 2.2
	e Sg N	18:46:26.7	-1.6					
KLL	e Pg Z	18:46:11.3	0.0			148.8	344.4	
	e Sg E	18:46:28.5	-0.1					
BFO	e Pn Z	18:46:12.0	-0.1		1.4	156.1	136.6	ML 2.1
	e Pg Z	18:46:13.0	0.4		11.7			
	e Sg N	18:46:30.2	-0.5					

MOF	e	Pg		18:46:14.9	0.2	T		168.7	173.6								
	e	Sg		18:46:35.4	1.1	T											
HOB	e	Pg	E	18:46:10.1	-7.1			183.4	10.0								
	e	Sg	E	18:46:37.2	-1.4												
FELD	e	Pg		18:46:17.3	-0.1	T		184.5	153.0								
	e	Sg		18:46:38.5	-0.3	T											
SPAK	e	Pg		18:46:19.8	0.2	T		197.7	134.3								
SLE	e	Pg		18:46:22.6	0.4	T		213.3	145.6								
LOMF	e	Sg		18:46:50.6	0.7	T		223.4	181.0								
BUG	e	Pn	Z	18:46:21.2	-0.2		0.9	233.0	6.7	ML	2.3						
	e	Pg	Z	18:46:25.2	-0.4												
	e	Sg	N	18:46:47.5	-5.1												
GRFO	e	Sg	E	18:47:14.5	-1.7			315.4	81.7								
GRA1	e	Sg	E	18:47:16.8	0.6			315.5	81.6								
WET	e	Pn	Z	18:46:47.5	1.3		2.7	435.9	90.9								
GEC2	e	Pn	Z	18:46:55.3	1.4		13.9	499.7	94.0								
	e	Sn	N	18:47:42.0	-1.1												

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/08	19:15:38.1	+ - 1.02	51.520N	16.180E	13.3	10.0	154	1G		8	4	317	3.0ML		SZGRF	I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg Z	19:16:07.0	-0.2	T		171.7	246.1	ML 2.9
	e Sg E	19:16:27.4	0.3	T				
CLL	e Pn Z	19:16:11.9	-0.2	T		221.6	265.1	ML 2.8
	e Sg E	19:16:41.4	-0.0	T				
WET	e Pn Z	19:16:28.7	0.6	T		353.1	222.9	ML 2.9
	e Sg E	19:17:18.6	-0.3	T				
GRA1	e Pn Z	19:16:35.9	1.6	T		404.5	241.8	ML 3.6
	e Sg E	19:17:34.0	0.4	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/09	16:26:46.6		49.369N	6.884E				1G		22	8		2.7ML		LDG	I
2002/04/09	16:26:47.2	+ - 0.45	49.360N	6.880E	6.7	4.4	25	1G		7	4	166	1.8ML		SZGRF	I
2002/04/09	16:26:46.5	+ - 0.41	49.360N	6.900E	7.8	4.4	33	1G		8	5	165	2.1ML	TNS	BGR	I

Saarbruecken-West

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg Z	16:26:57.6	0.2	T	4.6	63.7	302.4	ML 1.7
	e Sg E	16:27:04.4	-0.3	T				
TNS	e Pg Z	16:27:10.6	-0.7	T	4.4	146.7	48.6	ML 2.1
	e Sg N	16:27:28.3	-0.2	T				
BFO	e Pg Z	16:27:12.9	0.1	T	6.3	155.1	137.0	ML 1.9
	e Sg E	16:27:30.0	-0.8	T				
GRA1	e Sg N	16:28:17.1	0.8			314.1	81.6	
WET	e Pn Z	16:27:47.6	1.2	T	2.1	434.4	90.9	
GEC2	e Pn Z	16:27:54.9	0.7	T	6.1	498.3	94.0	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
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2002/04/10 17:00:23.1		47.736N	12.861E				10					2.1ML	NEIC	
2002/04/10 17:00:21.8 +- 1.13		47.720N	12.980E	10.0	4.4	151	15G		10	7	259	1.7ML	GEC2	BGR L
2002/04/10 17:00:23.8 +- 0.34		47.730N	12.910E	6.7	4.4	78	10G		10	7	130	1.5ML		SZGRF L

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
KBA	e Pg	Z 17:00:35.8	-1.6	T		79.5	155.5	ML 1.1
	e Sg	N 17:00:47.9	1.2	T				
SCE	i Pg +	17:00:44.8	0.8			118.6	230.0	
FUR	e Pg	Z 17:00:44.4	-1.7		1.9	130.9	292.2	ML 2.2
	e Sg	E 17:01:01.0	-0.3					
GEC2	e Pg	Z 17:00:45.8	-1.3	T		137.1	25.0	ML 1.6
	e Sg	E 17:01:03.0	-0.1	T				
WET	e Pg	Z 17:00:47.8	-2.7	T		157.2	359.2	ML 1.7
	e Sg	E 17:01:07.8	-1.0	T				
DAVA	e Sg	N 17:01:30.2	-0.2	T		232.8	258.9	
GRFO	e Sg	N 17:01:34.4	-1.2			250.8	331.0	ML 2.1
GRA1	e Sg	N 17:01:36.5	1.0	T		250.8	331.0	
MOX	e Sg	E 17:02:01.6	1.4	T		337.4	344.3	ML 2.1
BFO	e Sg	N 17:02:03.6	0.6			347.0	282.8	ML 2.5
BRG	e Sg	E 17:02:04.2	-1.7			357.4	11.7	ML 2.3

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/10	17:41:52.8		49.383N	6.812E				1G		29	12		2.9ML		LDG	L
2002/04/10	17:41:54.6 +- 1.56		49.421N	6.866E				1G		11	6	315	2.2ML		BNS	I
2002/04/10	17:41:53.7 +- 0.45		49.360N	6.840E	6.7	4.4	26	1G		7	4	168	2.0ML		SZGRF	I
2002/04/10	17:41:52.9 +- 0.40		49.380N	6.920E	4.4	3.3	16	1G		13	8	162	2.3ML	TNS	BGR	I
2002/04/10 17:41:53.1 +- 0.20			49.380N	6.890E	2.0	2.0	51	1G		33	20	124	2.2ML		LED	I

Saarbruecken-West

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
DUP	e Pg +	17:41:54.5	-0.1	T		8.3	295.0	ML 2.3
	e Sg	17:41:55.8	0.3	T				
RIVT	e Pg +	17:41:59.8	0.3	T		37.6	346.2	ML 1.8
	e Sg	17:42:04.4	0.5	T				
RUP	e Pg -	17:41:59.9	0.4	T		37.8	18.8	
	e Sg	17:42:04.6	0.7	T				
WLF	e Pg	Z 17:42:04.2	0.6		9.9	61.9	301.0	ML 1.9
	e Sg	N 17:42:10.5	-0.3					
PEB	e Pg -	17:42:04.4	-0.5	T		69.4	119.8	ML 2.3
	e Sg	17:42:12.7	-0.3	T				
ABH	e Pg -	17:42:05.4	-0.1	T		73.2	40.1	
	e Sg	17:42:14.3	0.3	T				
IMS	e Pg -	17:42:06.3	0.2	T		76.8	71.6	ML 2.0
	e PmP	17:42:07.8	-1.7	T				
	e Sg	17:42:16.4	1.4	T				
	e SmS	17:42:18.8	-2.0					
LANF	e Pg -	17:42:06.5	-0.1	T		80.0	123.4	
KTD	e Pg	17:42:08.6	0.8	T		86.7	93.9	
BGG	e Pg	Z 17:42:11.2	1.6			97.3	19.0	
	e Sg	E 17:42:22.1	1.2					
HIL	e Pg	Z 17:42:11.6	1.1			102.6	351.6	
	e Sg	E 17:42:23.5	1.0					
BLI	e Pg	17:42:12.5	1.7			104.2	335.7	ML 2.2

WLS	e	Pg	-	17:42:12.8	0.5	T	112.8	162.3									
	e	Sg		17:42:26.1	0.8	T											
ECH	e	Pn		17:42:14.8	-1.3	T	130.9	171.3									
	e	Sn		17:42:31.0	-1.2	T											
KOE	e	Pg	Z	17:42:15.6	0.3		130.9	27.1									
	e	Sg	E	17:42:31.2	0.7												
STB	e	Pg	Z	17:42:16.5	0.5		135.0	358.5									
	e	Sg	E	17:42:32.7	1.0												
TOD	e	Pg		17:42:16.5	-0.4	T	140.5	79.0									
	e	Sg		17:42:34.8	1.6	T											
TNS	e	Pg	Z	17:42:16.8	-1.1		8.3	145.8	49.4	ML	2.3						
	e	Sg	N	17:42:34.7	-0.0												
KLL	e	Pg	Z	17:42:17.4	-0.6		146.8	343.9									
	e	Sg	E	17:42:34.6	-0.5												
BFO	e	Pg	Z	17:42:19.4	-0.3		10.3	157.2	137.4	ML	2.1						
	e	Sg	N	17:42:37.0	-1.0												
LBG	e	Pg		17:42:20.3	0.0	T	160.1	119.1	ML	2.3							
MOF	e	Pg	+	17:42:21.9	-0.2	T	170.9	173.9									
	e	Sg		17:42:42.4	0.4	T											
KIZ	e	Pg		17:42:22.6	-0.2	T	175.4	154.1	ML	2.2							
	e	Sg		17:42:42.9	-0.4	T											
HOB	e	Sg	E	17:42:43.8	-1.0		181.1	9.9									
FELD	e	Pg		17:42:24.1	-0.6	T	186.2	153.5									
	e	Sg		17:42:46.1	-0.2	T											
SIND	e	Pn		17:42:23.0	-1.0	T	196.7	90.0	ML	2.3							
		Pg		17:42:29.6	3.2												
SPAK	e	Pg		17:42:26.9	0.1	T	198.8	134.9									
BUCH	e	Pg		17:42:28.4	0.1	T	207.6	119.0	ML	2.0							
SLE	e	Pg		17:42:29.5	0.0	T	214.7	146.1									
GUT	e	Pg		17:42:30.1	-0.0	T	218.7	130.9	ML	2.2							
GRFO	e	Sg	E	17:43:22.3	-0.6		314.3	82.0	ML	2.6							
GRA1	e	Sg	E	17:43:25.7	2.8		314.5	82.0									
MOX	e	Sg	N	17:43:37.1	-0.5		365.7	65.6	ML	2.5							
CLZ	e	Sg	N	17:43:37.3	-0.9		367.7	40.6	ML	2.7							
WET	e	Pn	Z	17:42:53.1	-0.1		3.3	435.2	91.2	ML	2.7						
	e	Sg	N	17:43:57.1	-0.3												
GEC2	e	Pn	Z	17:43:01.5	0.6		11.2	499.1	94.3	ML	2.7						
	e	Sg	N	17:44:15.0	-0.7												

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
2002/04/11 13:11:41.6 47.300N 10.600E 7 2.2ML SED

E of Oberstdorf, Lechtaler Alps/A

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
OGA	i Pg -	13:11:52.6	1.1			57.8	146.0	
BFO	e Sg E	13:12:39.5	-0.6			204.6	304.9	

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
2002/04/11 13:54:42.3 47.537N 8.242E 5G 12 7 2.3ML LDG L

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
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BFO	e	Pg	Z	13:54:58.6	1.2				88.4	4.2							
	e	Sg	E	13:55:09.1	1.5												

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/11	16:12:47.5		49.354N	6.880E				1G		26	10		2.7ML		LDG	L
2002/04/11	16:12:48.6	+ - 0.45	49.350N	6.920E	7.8	4.4	34	1G		6	3	165	1.7ML		SZGRF	I
2002/04/11	16:12:47.3	+ - 0.41	49.350N	6.890E	6.7	4.4	33	1G		8	5	167	2.0ML	TNS	BGR	I

Saarbruecken-West

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg	Z	16:12:58.3	0.2	T	2.7	63.7	303.6	ML 1.6
	e Sg	E	16:13:05.1	-0.4	T				
TNS	e Pg	Z	16:13:12.2	-0.2	T	4.0	148.0	48.5	ML 2.0
	e Sg	N	16:13:29.2	-0.4	T				
BFO	e Pg	Z	16:13:13.9	0.4	T	5.7	154.8	136.6	ML 2.0
	e Sg	N	16:13:30.8	-0.7	T				
WET	e Pn	Z	16:13:47.6	0.3	T	1.8	435.1	90.7	
GEC2	e Pn	Z	16:13:56.1	1.0	T	6.5	498.9	93.9	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/13	12:20:50.3		48.774N	8.790E				6G		16	8		2.2ML		LDG	L
2002/04/13	12:20:52.2	+ - 0.43	49.340N	6.870E	6.7	4.4	35	1G		7	4	169	1.6ML	TNS	BGR	I

Saarbruecken-West

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg	Z	12:21:03.1	0.2	T	1.3	63.1	305.1	
	e Sg	E	12:21:09.7	-0.5	T				
TNS	e Pg	Z	12:21:17.7	0.1	T	1.5	149.8	48.5	ML 1.6
	e Sg	N	12:21:34.7	-0.3	T				
BFO	e Pg	Z	12:21:18.6	0.2	T	1.3	155.0	135.9	ML 1.5
	e Sg	N	12:21:36.1	-0.4	T				
GEC2	e Pn	Z	12:22:00.9	0.7	T		500.3	93.7	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/14	12:20:08.4		50.724N	6.540E				5G		57	20		3.0ML		LDG	L
2002/04/14	12:20:08.0	+ - 0.47	50.770N	6.600E	5.6	3.3	102	10G		9	5	189	2.3ML		SZGRF	L
2002/04/14	12:20:07.7	+ - 0.40	50.740N	6.720E	5.6	3.3	107	10G		17	9	183	2.3ML	TNS	BGR	L
2002/04/14	12:20:07.7	+ - 0.83	50.758N	6.553E				14	+ - 4.7	27	15	111	2.4ML		BNS	L

Zuelpich, SE of Dueren

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
FUN	e Pg	Z	12:20:10.9	-0.3	T		14.5	345.7	
	e Sg	E	12:20:13.3	-0.2	T				
GMA	e Pg +	Z	12:20:11.3	-0.2	T		17.8	10.5	
	i Sg	E	12:20:14.6	0.3	T				
SIN	i Pg +	Z	12:20:11.6	-0.2	T		19.4	23.6	
HMB	e Sg	N	12:20:15.1	0.3	T		20.5	346.2	
KLL	i Pg	E	12:20:11.8	-0.2	T		21.0	234.1	
	e Sg	N	12:20:15.2	0.2	T				

ROE	i	Pg	+	Z	12:20:12.1	-0.1	T	22.3	22.4										
TGD	e	Pg	+	Z	12:20:12.4	-0.2	T	24.8	19.9										
MIL	e	Pg		Z	12:20:13.1	0.4	T	26.0	0.6										
	i	Sg		E	12:20:16.8	0.6	T												
STB	i	Pg		Z	12:20:13.1	0.2	T	27.2	132.0										
	i	Sg		N	12:20:16.7	0.2	T												
HNK	e	Pg		Z	12:20:14.8	0.2	T	38.1	350.7										
BNS	i	Pg	+	Z	12:20:16.0	-0.4	T	49.4	62.2										
	i	Sg		N	12:20:22.6	0.2	T												
HIL	e	Pg		Z	12:20:17.2	0.3	T	52.5	170.1										
	e	Sg		E	12:20:23.8	0.6	T												
HOB	e	Pg	+	Z	12:20:17.8	-0.4	T	60.3	65.1										
	e	Sg		E	12:20:25.7	0.3	T												
BGG	e	Pg	+	Z	12:20:22.2	0.3	T	82.6	137.6										
	e	Sg		N	12:20:31.1	-0.6	T												
BUG	e	Pg		Z	12:20:22.4	-0.9		11.3	90.9	33.1	ML	2.3							
	e	Sg		E	12:20:33.9	-0.1													
KOE	e	Pg	+	Z	12:20:23.4	0.1	T	91.2	113.5										
	e	Sg		N	12:20:33.4	-0.7	T												
WLF	e	Pg		Z	12:20:28.9	-0.1		5.7	124.9	193.3	ML	2.2							
	e	Sg		E	12:20:42.5	-1.1													
TNS	e	Pg		Z	12:20:31.7	-1.0		12.0	146.6	113.2	ML	2.3							
	e	Sg		E	12:20:47.9	-1.9													
IBBN	e	Pg		Z	12:20:38.9	-1.3		4.2	191.3	25.3	ML	2.7							
	e	Sg		E	12:21:01.1	-1.5													
CLZ	e	Sg		E	12:21:28.8	-2.3			291.5	64.1	ML	2.6							
BFO	e	Pn		Z	12:20:51.0	1.5		1.4	298.8	153.9									
	e	Sg		N	12:21:30.7	-2.5													
GRFO	e	Sg		E	12:21:44.9	-3.6			352.5	107.9									
GRA1	e	Sg		E	12:21:48.4	-0.1			352.6	107.8									
MOX	e	Pn		Z	12:20:57.7	1.1		1.8	356.7	90.1									
	e	Sn		N	12:21:31.1	-0.7													
	e	Sg		N	12:21:45.9	-3.8													
CLL	e	Pg		Z	12:21:23.9	-1.0		1.5	455.0	79.8									
	e	Sg		E	12:22:14.1	-3.6													
BRG	e	Sg			12:22:35.7	-0.4			519.1	85.7									

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/14	14:55:29.3		49.442N	6.799E				1G		14	6		2.1ML		LDG	L
2002/04/14	14:55:31.2	+- 0.41	49.350N	6.860E	6.7	4.4	35	1G		8	5	168	1.4ML	TNS	BGR	I

Saarbruecken-West

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg Z	14:55:42.2	0.5	T	0.9	61.9	304.7	
	e Sg E	14:55:48.6	-0.3	T				
TNS	e Pg Z	14:55:56.5	-0.0	T	1.0	149.6	49.0	ML 1.4
	e Sg E	14:56:13.7	-0.2	T				
BFO	e Pg Z	14:55:57.4	-0.3	T	1.6	156.3	136.0	ML 1.4
	e Sg E	14:56:15.6	-0.3	T				
STU	e Pg Z	14:56:02.5	0.4	T	1.0	181.8	109.9	
GEC2	e Pn Z	14:56:40.1	0.8	T	1.9	501.1	93.8	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
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2002/04/15 09:34:53.0

47.996N

7.850E

10

9

4

2.5ML

LDG

L

Freiburg i. Breisgau/Upper Rhine Graben

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Sg N	09:35:08.6	0.6			51.4	43.6	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/15	15:55:49.8		48.544N	9.390E				5G		10	5		2.4ML		LDG	L
2002/04/15	15:55:49.8	+ - 0.44	48.580N	9.510E	4.4	3.3	170	0G		12	8	169	1.9ML	BFO	BGR	B

Urach/Swabian Jura

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
STU	e Pg Z	15:55:54.6	-0.5	T	2.3	31.5	312.5	
	e Sg E	15:55:59.6	0.8	T				
BFO	e Pg Z	15:56:05.2	-0.1	T	9.0	91.4	252.7	ML 1.9
	e Sg E	15:56:16.5	0.6	T				
GRFO	e Pg Z	15:56:18.4	-1.0	T	1.9	175.3	44.6	ML 1.9
	e Sg N	15:56:39.7	-0.2	T				
TNS	e Pg Z	15:56:23.6	0.2	T	1.9	198.1	337.6	ML 1.9
	e Sg N	15:56:46.2	-0.2	T				
WET	e Sg N	15:57:02.6	0.1	T		254.2	74.5	ML 1.9
WLF	e Sn N	15:56:58.2	-0.7	T		272.4	297.5	
MOX	e Sg N	15:57:09.2	0.8	T		275.1	32.7	
GEC2	e Sn N	15:57:07.2	0.6	T		308.9	83.0	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/16	05:45:09.7		48.627N	9.198E				5G		7	4		2.2ML		LDG	L
2002/04/16	05:45:11.0	+ - 0.37	48.810N	9.040E	6.7	5.6	149	0G		8	5	120	1.8ML	TNS	BGR	B

Stuttgart-North, Ludwigsburg

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
STU	e Pg Z	05:45:11.2	-1.9	T	1.5	12.0	111.1	
	e Sg E	05:45:15.0	0.6	T				
BFO	e Pg Z	05:45:24.3	0.6	T	2.1	74.7	224.7	ML 1.4
	e Sg N	05:45:33.2	0.9	T				
TNS	e Pg Z	05:45:39.0	0.4	T	1.5	162.8	345.0	ML 1.8
	e Sg E	05:45:56.9	-0.6	T				
GRFO	e Sg N	05:46:05.2	1.0	T		186.1	57.4	ML 1.7
GEC2	e Sg E	05:46:50.1	1.6	T		341.2	87.6	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/18	18:28:26.7	+ - 0.80	51.530N	16.130E	8.9	7.8	161	1G		12	6	306	3.5ML		SZGRF	I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg Z	18:28:54.8	-0.6	T		169.0	245.2	ML 3.2
	e Sg E	18:29:15.2	0.2	T				
CLL	e Pn Z	18:28:59.5	-0.7	T		218.2	264.7	

	e	Sg	N	18:29:28.8	-0.3	T												
MOX	e	Pn	Z	18:29:15.9	2.0	T		330.2	254.4	ML	3.7							
	e	Sg	N	18:30:01.5	0.4	T												
GEC2	e	Pn	Z	18:29:17.4	1.7	T		344.9	211.0	ML	3.3							
	e	Sg	E	18:30:04.8	-0.4	T												
WET	e	Pn	Z	18:29:17.6	1.0	T		351.6	222.3	ML	3.5							
	e	Sg	E	18:30:07.0	-0.2	T												
GRA1	e	Pn	Z	18:29:23.3	0.6	T		402.0	241.4	ML	3.9							
	e	Sg	N	18:30:22.5	0.9	T												

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/18	20:04:36.3		49.353N	6.879E				1G		28	12		2.4ML		LDG	L
2002/04/18	20:04:37.4	+ - 0.41	49.350N	6.910E	6.7	4.4	34	1G		8	5	165	1.9ML	TNS	BGR	I

Saarbruecken-West

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg	Z 20:04:47.9	-0.6	T	3.3	64.9	302.9	
	e Sg	E 20:04:56.5	0.5	T				
TNS	e Pg	Z 20:05:01.9	-0.4	T	2.1	146.9	48.1	ML 1.9
	e Sg	E 20:05:19.4	-0.1	T				
BFO	e Pg	Z 20:05:03.3	-0.2	T	2.6	153.8	137.0	ML 1.7
	e Sg	E 20:05:21.2	-0.2	T				
WET	e Pn	Z 20:05:37.8	0.5	T	1.1	433.7	90.8	
GEC2	e Pn	Z 20:05:45.8	0.8	T	2.9	497.5	93.9	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/19	14:30:03.6		47.219N	7.190E				8G		18	8		2.2ML		LDG	L

St. Ursanne/CH, SW of Delemont

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z 14:30:28.2	-0.9		1.7	150.1	34.2	
	e Sg	N 14:30:46.6	0.0					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/19	16:39:26.9		49.361N	6.870E				1G		33	11		2.6ML		LDG	L
2002/04/19	16:39:27.5	+ - 0.46	49.350N	6.830E	7.8	4.4	26	1G		7	4	170	1.8ML		SZGRF	I
2002/04/19	16:39:27.5	+ - 0.43	49.350N	6.880E	5.6	4.4	30	1G		7	4	167	2.1ML	TNS	BGR	I

Saarbruecken-West

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg	Z 16:39:37.9	-0.3	T	4.3	63.1	303.9	ML 1.7
	e Sg	N 16:39:45.8	0.3	T				
TNS	e Pg	Z 16:39:52.0	-0.7	T	3.1	148.6	48.6	ML 2.1
	e Sg	E 16:40:10.0	0.0	T				
BFO	e Pg	Z 16:39:53.9	0.0	T	3.8	155.3	136.4	ML 1.8
	e Sg	E 16:40:11.7	-0.1	T				
GRA1	e Sg	N 16:41:00.1	2.5			315.7	81.4	
GEC2	e Pn	Z 16:40:36.2	0.8	T	7.3	499.6	93.9	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/20	06:39:19.3		48.346N	6.442E				5G		16	10		2.0ML		LDG	L

Epinal-N/F, Rambervillers

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Sg	E	06:39:59.0	-0.2			139.6	90.0	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/20	10:00:57.6		49.373N	6.849E				1G		25	11		2.7ML		LDG	L
2002/04/20	10:00:58.1	+ - 0.56	49.350N	6.890E	8.9	6.7	64	1G		6	4	167	2.0ML	TNS	BGR	I

Saarbruecken-West

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg	Z	10:01:08.9	-0.0	T	4.4	63.7	303.6	ML 1.6
TNS	e Pg	Z	10:01:22.2	-1.0	T	4.1	148.0	48.5	ML 2.0
	e Sg	E	10:01:40.7	0.3	T				
BFO	e Pg	Z	10:01:24.4	0.1	T	7.4	154.8	136.6	ML 2.0
	e Sg	N	10:01:41.8	-0.6	T				
GEC2	e Pn	Z	10:02:07.1	1.2	T	4.9	498.9	93.9	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/20	18:15:54.7		49.344N	6.889E				1G		33	12		2.4ML		LDG	L
2002/04/20	18:15:54.8	+ - 0.42	49.350N	6.850E	6.7	4.4	34	1G		8	5	169	1.7ML	TNS	BGR	I

Saarbruecken-West

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg	Z	18:16:05.4	0.3	T	2.8	61.3	305.0	ML 1.3
	e Sg	E	18:16:12.1	-0.2	T				
TNS	e Pg	Z	18:16:19.5	-0.8	T	2.0	150.2	49.2	ML 1.7
	e Sg	N	18:16:37.9	0.2	T				
BFO	e Pg	Z	18:16:21.2	-0.2	T	3.6	156.8	135.8	ML 1.7
	e Sg	E	18:16:39.2	-0.4	T				
WET	e Pn	Z	18:16:55.8	0.6	T		438.0	90.7	
GEC2	e Pn	Z	18:17:03.7	0.7	T	5.6	501.8	93.8	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/21	18:43:26.6		49.382N	6.808E				1G		25	11		2.6ML		LDG	L
2002/04/21	18:43:27.7	+ - 0.46	49.340N	6.820E	7.8	4.4	27	1G		7	4	172	1.8ML		SZGRF	I
2002/04/21	18:43:27.3	+ - 0.44	49.340N	6.850E	7.8	4.4	35	1G		7	4	170	2.0ML	TNS	BGR	I

Saarbruecken-West

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg	Z	18:43:38.3	0.4	T	7.5	62.0	305.9	ML 1.7
	e Sg	E	18:43:45.0	-0.1	T				
TNS	e Pg	Z	18:43:52.1	-0.8	T	4.2	150.9	48.8	ML 2.0
	e Sg	N	18:44:10.7	0.3	T				

BFO	e	Pg	Z	18:43:53.5	-0.3	T	9.3	156.0	135.5	ML	1.9
	e	Sg	E	18:44:11.9	-0.0	T					
GRA1	e	Sg	N	18:45:00.6	2.4			318.0	81.3		
GEC2	e	Pn	Z	18:44:36.1	0.7	T	10.7	501.7	93.7		

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/22	21:16:58.6		50.832N	6.196E				10					3.5ML		NEIC	
2002/04/22	21:17:00.9		50.900N	6.300E				10					2.8ML		SED	
2002/04/22	21:17:01.3		50.772N	6.230E				13G		89	26		3.5ML		LDG	L
2002/04/22	21:17:01.1	+ - 0.47	50.830N	6.400E	7.8	4.4	109	10G		15	8	201	3.0ML		SZGRF	L
2002/04/22	21:17:01.3	+ - 0.45	50.830N	6.370E	6.7	3.3	100	5G		23	12	202	3.1ML	WLF	BGR	L
2002/04/22	21:17:01.6	+ - 1.13	50.841N	6.280E				13	+ - 4.1	32	20	207	3.0ML		BNS	L

Kerkrade/NL, Geilenkirchen, N of Aachen

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
JUE	e Pg + Z	21:17:04.3	-0.2	T		11.8	49.2	
	i Sg E	21:17:07.6	1.0	T				
FUN	i Pg + Z	21:17:05.4	0.2	T		16.3	72.9	
HMB	i Pg + Z	21:17:05.6	0.2	T		17.8	53.1	
KLL	e Pg N	21:17:05.7	-0.2	T		21.7	174.0	
	i Sg N	21:17:09.1	0.2	T				
GMA	i Pg + Z	21:17:06.6	0.4	T		23.8	69.7	
PES	i Pg + Z	21:17:06.4	-0.3	T		26.8	27.5	
SIN	i Pg + Z	21:17:07.3	0.4	T		28.3	72.2	
BOR	i Pg + Z	21:17:06.7	-0.3	T		28.8	21.3	
	i Sg N	21:17:11.2	0.6	T				
ROE	i Pg + Z	21:17:07.4	0.3	T		29.9	67.5	
TGD	i Pg + Z	21:17:07.4	0.1	T		31.0	62.8	
HNK	i Pg + Z	21:17:07.1	-0.2	T		31.2	24.5	
STB	e Pg - Z	21:17:10.1	0.0	T		48.0	124.7	
	e Sg N	21:17:15.9	0.1	T				
BNS	e Pg + Z	21:17:12.4	-0.3	T		64.3	77.4	
	i Sg N	21:17:19.9	-0.4	T				
HIL	e Pg + Z	21:17:13.0	-0.2	T		67.2	155.0	
	e Sg E	21:17:21.2	0.0	T				
HOB	e Pg + Z	21:17:14.2	-0.4	T		75.6	77.5	
	e Sg N	21:17:24.0	0.5	T				
BUG	e Pg + E	21:17:16.9	-1.1	T		96.0	45.6	ML 3.3
	e Sg N	21:17:28.2	-1.0	T				
BGG	e Pg Z	21:17:18.3	-0.9	T		102.7	133.0	
	e Sg N	21:17:31.9	0.7	T				
KOE	e Pg - Z	21:17:19.5	-1.3	T		112.4	113.7	
	e Sg E	21:17:33.2	-0.7	T				
WLF	e Pg Z	21:17:22.5	-1.5		46.8	131.1	184.0	ML 3.1
	e Sg E	21:17:38.0	-1.2					
TNS	e Pn Z	21:17:27.3	-0.3	T		167.9	113.3	ML 2.7
	e Pg Z	21:17:29.0	-1.2		22.5			
	e Sn N	21:17:45.8	-0.3	T				
	e Sg E	21:17:48.1	-1.6					
IBBN	e Pg Z	21:17:32.9	-1.4		5.4	192.3	31.5	ML 3.1
	e Sg N	21:17:54.8	-1.9					
CLZ	e Pg Z	21:17:51.4	-2.0		6.9	305.2	67.0	ML 3.2
	e Sg E	21:18:25.5	-3.4					
STU	e Pn Z	21:17:45.5	0.4		1.4	310.9	136.6	ML 3.1
	e (Sn) N	21:18:19.1	2.7					

BFO	e	Sg	E	21:18:28.6	-1.9				5.3	315.8	151.3	ML	2.8
	e	Sn	N	21:18:17.1	-0.3								
	e	Sg	E	21:18:30.6	-1.3								
GRFO	e	Pn	Z	21:17:53.1	0.4				1.8	373.6	108.1	ML	2.9
	e	(Sg)	N	21:18:47.2	-1.2								
GRA1	e	Pn	Z	21:17:53.1	0.4					373.7	108.1	ML	2.9
	e	Sg	E	21:18:48.1	-0.3								
MOX	e	Pn	Z	21:17:53.0	-0.0				2.2	376.0	91.3	ML	3.0
	e	(Sg)	N	21:18:43.8	-5.3								
BSEG	e	Pn	Z	21:18:02.9	2.2				1.7	439.6	36.9		
	e	Sn	E	21:18:43.5	-0.1								
CLL	e	(Pg)	Z	21:18:18.9	-2.8				2.8	472.3	81.1	ML	3.4
	e	(Sg)	E	21:19:11.8	-4.8								
WET	e	Pn	Z	21:18:10.2	1.1				1.7	507.8	109.3	ML	3.0
BRG	e	(Sg)	N	21:19:30.0	-5.3					537.6	86.6	ML	3.2
GEC2	e	Pn	Z	21:18:19.0	1.6				8.2	576.3	109.8	ML	3.2
	e	(Sn)	N	21:19:17.8	5.4								
	e	(Sg)	E	21:19:46.3	0.0								

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/22	21:23:06.9		50.753N	6.209E				2		10	6		2.3ML		LDG	L
2002/04/22	21:23:06.5	+ - 0.75	50.820N	6.320E	12.2	5.6	114	5G		5	3	218	1.6ML	BUG	BGR	L

Kerkrade/NL, Geilenkirchen, N of Aachen

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg	Z 21:23:23.2	0.5	T	2.3	95.6	43.5	ML 1.6
	e Sg	E 21:23:33.5	-0.3	T				
WLF	e Pg	Z 21:23:28.1	-0.3	T	1.5	129.0	185.4	ML 1.5
	e Sg	E 21:23:43.7	0.3	T				
TNS	e Sg	E 21:23:53.6	0.2	T		164.4	113.0	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/22	22:28:24.0		50.213N	12.219E				5					2.3ML		NEIC	
2002/04/22	22:28:24.6	+ - 0.29	50.210N	12.310E	3.3	2.2	90	10G		12	6	89	2.0ML	BRG	BGR	L
2002/04/22	22:28:24.9	+ - 0.29	50.220N	12.290E	4.4	3.3	91	10G		12	6	88	2.0ML		SZGRF	L

Rehau, German-Czech border region

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
ROTZ	i Pg +	22:28:33.4	-0.2			50.6	186.7	ML 2.0
	i Sg	22:28:39.4	-0.2					
MOX	e Pg	Z 22:28:36.1	-0.2	T		67.2	314.9	ML 1.6
	e Sg	E 22:28:44.3	0.0	T				
GRA1	i Pg +	Z 22:28:40.8	-0.4	T		96.4	232.9	ML 2.1
	e Sg	E 22:28:53.1	0.6	T				
GRFO	e Pg	Z 22:28:40.8	-0.5		12.1	96.5	232.9	ML 1.8
	e Sg	E 22:28:52.6	0.0					
WET	i Pg	Z 22:28:46.2	-0.3	T		126.9	160.3	ML 1.9
	e Sg	N 22:29:00.6	-0.6	T				
CLL	e Pg	Z 22:28:46.2	-0.9	T		130.9	22.2	ML 2.4
	e Sg	E 22:29:02.0	-0.3	T				
BRG	i Pg	Z 22:28:47.9	-0.4	T		137.5	57.5	ML 2.0

	e	Sg	N	22:29:04.1	-0.1	T											
GEC2	i	Pg	Z	22:28:55.0	-1.0	T								183.7	145.8	ML	1.9
	e	Sg	N	22:29:16.6	-0.9	T											

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/23		03:53:15.1		48.902N	7.168E				10		27	10		2.5ML		LDG	L
2002/04/23		03:53:15.3	+ - 0.50	48.970N	7.300E	8.9	4.4	48	10G		5	3	180	1.7ML	BFO	BGR	L
2002/04/23		03:53:15.3	+ - 0.40	48.890N	7.180E	7.0	3.0	109	13	+ - 4.0	17	8	172	1.9ML		LED	L

N of Sarrebourg/F

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
LANF	Pg	03:53:23.6	0.1	T		46.8	77.3	
	PmP	03:53:25.1	-1.5	T				
WLS	i Pg -	03:53:25.1	0.3	T		54.6	166.4	
	Sg	03:53:31.9	0.5	T				
ECH	i Pg -	03:53:28.4	0.2	T		75.0	181.2	
	PmP	03:53:29.3	-1.0	T				
	Sg	03:53:37.3	0.3	T				
KTD	Pg	03:53:29.6	0.4	T		81.3	53.6	
	i Sg	03:53:39.3	0.5	T				
LIBD	Sg	03:53:41.4	0.7			87.9	159.1	
RUP	Pg	03:53:30.6	-0.2	T		90.7	354.5	
BFO	e Pg Z	03:53:33.5	0.2		3.0	105.0	125.9	ML 1.7
	e Sg N	03:53:44.5	-1.0					
ABH	Pg	03:53:34.1	-0.6	T		113.4	13.4	
	Sg	03:53:47.0	-0.9	T				
WLF	e Pg Z	03:53:34.7	-0.0		3.2	113.9	319.5	ML 1.7
	e Sg N	03:53:47.6	-0.4					
MOF	e Pg	03:53:35.3	0.3	T		115.5	181.7	
	Sg	03:53:49.2	0.7	T				
KIZ	Pg	03:53:35.3	-0.0	T		117.3	152.0	ML 1.9
	Sn	03:53:46.9	-2.3	T				
	Sg	03:53:49.1	0.1	T				
LBG	Pg	03:53:34.8	-1.2			120.9	101.4	ML 2.1
	Sg	03:53:49.8	-0.3					
FELD	Pn	03:53:37.0	0.5			128.1	151.3	
	Pg	03:53:39.2	2.1					
SWS	Sg	03:53:51.8	-0.5			128.8	58.6	ML 1.6
TOD	i Sg	03:53:55.5	-0.6			142.2	55.4	
BUCH	Sg	03:54:02.9	-0.2			166.9	106.2	ML 1.8
GUT	Sg	03:54:03.2	-0.5			169.2	121.8	ML 1.9
LOMF	Pg	03:53:45.3	0.6			173.1	188.8	
TNS	e Sg E	03:54:01.5	-3.7			174.1	31.2	ML 1.7
SIND	Sg	03:54:07.7	-0.3			183.7	73.0	ML 1.6
UBR	Sg	03:54:29.3	1.1			254.9	120.7	ML 2.0

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/23		06:44:39.5		49.141N	6.845E				1G		24	11		3.0ML		LDG	L
2002/04/23		06:44:39.8	+ - 2.71	49.175N	6.760E				1G		9	5	331	2.4ML		BNS	I
2002/04/23		06:44:40.7	+ - 0.53	49.150N	6.860E	7.8	4.4	36	1G		7	4	188	2.2ML		SZGRF	I
2002/04/23		06:44:40.4	+ - 0.51	49.140N	6.880E	7.8	4.4	44	1G		8	4	188	2.2ML	BFO	BGR	I
2002/04/23		06:44:39.8	+ - 0.40	49.140N	6.880E	5.0	2.0	48	1G		24	20	169	2.4ML		LED	I

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
DUP	e Pg -	06:44:45.1	0.1	T		30.9	347.3	ML 2.3
	Sg	06:44:49.7	1.0	T				
PEB	Pg	06:44:50.1	-0.1	T		61.4	97.3	ML 2.4
	i Sg	06:44:57.6	0.2	T				
RIVT	e Pg -	06:44:50.5	-0.1	T		63.7	352.6	ML 1.9
RUP	e Pg -	06:44:50.7	0.1	T		63.8	11.7	
	Sg	06:44:58.6	0.6	T				
LANF	Pg	06:44:52.2	0.5	T		69.7	104.4	
WLF	e Pg Z	06:44:53.4	0.3		6.8	78.6	318.2	ML 2.2
	e Sg E	06:45:03.0	0.8					
WLS	Pg	06:44:54.6	-0.1	T		88.0	156.6	
IMS	Pg	06:44:55.1	0.1	T		89.5	55.3	ML 2.1
KTD	Pg	06:44:55.1	0.1	T		89.7	76.6	
ABH	Pg	06:44:56.7	0.7	T		95.5	30.0	
	PmP	06:44:57.2	-1.6	T				
	Sg	06:45:07.5	0.4					
ECH	Pg	06:44:57.8	0.2	T		104.8	168.6	
FSH	Pg	06:44:58.5	0.9	T		105.4	8.9	ML 2.6
LIBD	Pg	06:45:01.3	0.8			122.2	154.0	
BGG	e Pg Z	06:45:00.0	-0.7			123.0	15.3	
	e Sg E	06:45:14.2	-0.7					
BLI	Pg	06:45:01.4	-0.2	T		128.7	340.9	ML 2.3
HIL	e Pg Z	06:45:00.7	-1.0			129.0	353.7	
	e Sg E	06:45:15.7	-0.9					
SWS	Sg	06:45:19.4	0.4	T		137.4	73.1	ML 1.9
BFO	e Pg Z	06:45:04.0	0.6		8.8	139.3	129.7	ML 2.2
	e Sg N	06:45:19.9	0.3					
MOF	Pg	06:45:04.3	0.1	T		144.5	172.5	
TOD	Sg	06:45:21.5	-0.8	T		148.6	68.9	
KIZ	Sg	06:45:23.7	0.4	T		152.2	149.5	ML 2.4
KOE	e Pg Z	06:45:04.8	-1.3			155.4	22.9	
	e Sg E	06:45:23.5	-0.7					
FACH	Pn	06:45:05.9	0.0	T		157.1	30.2	ML 2.4
STB	e Pg Z	06:45:04.7	-2.5			161.7	359.0	
	e Sg E	06:45:23.5	-2.5					
FELD	Pg	06:45:08.0	0.6	T		163.1	149.1	
TNS	e (Pn) Z	06:45:06.2	-0.7		1.2	164.9	42.5	ML 2.5
	e Pg Z	06:45:08.4	0.7		4.9			
	e Sg E	06:45:27.4	0.5					
SLE	Pg	06:45:13.2	0.6			193.6	141.5	
SIND	Pg	06:45:13.1	-0.4	T		199.2	82.3	ML 2.4
GUT	Sg	06:45:37.9	0.1	T		202.8	125.0	ML 2.5
HOB	e Sg E	06:45:36.2	-2.9			207.5	8.8	
UBR	Sg	06:46:06.8	4.6			288.2	123.0	ML 2.5
GRA1	e Sg E	06:46:12.7	1.5			320.0	77.3	ML 2.5
GEC2	e Pn Z	06:45:48.9	1.4		1.4	498.6	91.2	

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
 2002/04/26 19:42:59.9 +- 0.81 51.530N 16.180E 8.9 7.8 162 1G 12 6 306 3.2ML SZGRF I

POLAND

Sta Phase Time TRes Def S/N Dist EvAz Mag

BRG	e	Pg	Z	19:43:28.4	-0.7	T	172.1	245.8	ML	3.0
	e	Sg	E	19:43:49.4	0.4	T				
CLL	e	Pn	Z	19:43:33.6	-0.3	T	221.7	264.8	ML	3.0
	e	Sg	N	19:44:02.9	-0.4	T				
MOX	e	Pn	Z	19:43:48.1	0.6	T	333.6	254.6	ML	3.5
	e	Sg	E	19:44:36.3	1.0	T				
GEC2	e	Pn	Z	19:43:51.0	1.9	T	346.7	211.5	ML	3.0
	e	Sg	E	19:44:38.4	-0.6	T				
WET	e	Pn	N	19:43:51.3	1.3	T	353.9	222.7		
	e	Sg	E	19:44:40.7	-0.3	T			ML	3.1
GRA1	e	Pn	Z	19:43:57.7	1.5	T	405.0	241.6	ML	3.7
	e	Sg	E	19:44:56.8	1.1	T				

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/28	03:23:	9.1	+ - 0.82	51.530N	16.250E	7.8	6.7	153	1G		12	6	307	3.8ML		SZGRF	I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg	Z 03:23:38.3	-0.7	T		176.5	246.5	ML 3.5
	e Sg	E 03:23:59.2	-0.3	T				
CLL	e Pn	Z 03:23:43.5	-0.2	T		226.5	265.0	ML 3.7
	e Sg	N 03:24:14.0	0.2	T				
MOX	e Pn	Z 03:23:58.2	1.0	T		338.2	254.9	ML 4.0
	e Sg	N 03:24:46.5	0.8	T				
GEC2	e Sg	E 03:24:49.1	0.3	T		349.3	212.3	ML 3.7
WET	e Pn	E 03:24:00.9	1.4	T		357.2	223.4	
	e Sg	E 03:24:50.5	-0.7	T				
GRA1	e Pn	Z 03:24:07.4	1.5	T		409.3	242.0	ML 4.4
	e Sg	N 03:25:07.1	1.1	T				

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/30	04:10:	17.0		48.285N	9.007E				2		5	3		2.2ML		LDG	I

Ebingen/Swabian Jura

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z 04:10:24.9	-0.6			50.4	276.0	
	e Sg	Z 04:10:32.6	1.2					

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/04/30	21:54:	17.6		49.342N	6.779E				1G		11	5		2.3ML		LDG	I
2002/04/30	21:54:	17.7	+ - 0.58	49.350N	6.880E	8.9	6.7	56	1G		6	4	167	1.8ML	BFO	BGR	I

Saarbruecken-West

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg	Z 21:54:28.4	0.0	T	1.8	63.1	303.9	ML 1.4
	e Sg	N 21:54:37.7	2.0	T	1.4			
TNS	e Sg	N 21:55:00.0	-0.1	T	1.5	148.6	48.6	ML 1.9
BFO	e Pg	Z 21:54:43.6	-0.5	T	2.0	155.3	136.4	ML 1.8
	e Sg	E 21:55:02.1	0.1	T	2.0			

Unassociated arrivals

Sta	Phase	Date	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Sg	2002/04/02	00:34:17.5						
BRG	i Pg	2002/04/02	08:22:31.3						
BRG	i Sg	2002/04/02	08:22:45.5						
BRG	e Pg	2002/04/03	02:28:30.9						
BRG	e Sg	2002/04/03	02:28:36.1						ML 1.8
BRG	e Pg	2002/04/03	09:13:46.4						
BRG	e Sg	2002/04/03	09:14:02.3						
BRG	e Sg	2002/04/03	12:33:30.9						
SCE	i Pg -	2002/04/03	12:44:34.4						
SCE	i Sg	2002/04/03	12:44:51.5						
BRG	e Sg	2002/04/03	19:16:43.9						
OGA	i Pg +	2002/04/04	12:44:29.9						
BRG	e Sg	2002/04/04	13:59:10.2						
BRG	e Sg	2002/04/04	21:24:37.1						
BRG	e Sg	2002/04/04	22:51:51.9						
BRG	e Sg	2002/04/06	01:01:39.4						
BRG	i Sg	2002/04/06	17:32:46.2						
BRG	i Sg	2002/04/06	17:32:59.0						
BRG	e Sg	2002/04/08	18:05:45.7						
BRG	e Sg	2002/04/09	13:25:04.4						
CLL	e (Sg)	2002/04/09	20:06:17.0						
BRG	e Sg	2002/04/09	21:20:57.2						
BRG	e Sg	2002/04/10	15:05:04.4						
BRG	e Sg	2002/04/10	19:37:05.9						
MOX	e Pg	2002/04/11	04:03:21.7						
MOX	e Sg	2002/04/11	04:03:38.5						
BRG	e Sg	2002/04/11	23:02:24.3						
BRG	e Sg	2002/04/12	00:54:19.2						

BRG	e	Sg	2002/04/12	03:02:36.4
BRG	e	Sg	2002/04/12	03:09:49.1
BRG	e	Sg	2002/04/12	21:08:02.5
BRG	e	Sg	2002/04/13	09:52:23.3
BRG	e	Sg	2002/04/13	12:45:11.2
BRG	e	Sg	2002/04/13	13:47:03.2
BRG	e	Sg	2002/04/13	17:53:49.4
BRG	e	Sg	2002/04/13	18:03:52.2
BRG	e	Sg	2002/04/15	09:40:47.3
BRG	e	Pg	2002/04/16	08:37:50.4
BRG	e	Sg	2002/04/16	08:38:04.8
BRG	e	Sg	2002/04/16	14:32:36.7
BRG	e	Sg	2002/04/16	23:32:05.1
BRG	e	Sg	2002/04/18	07:37:22.2
BRG	e	Sg	2002/04/18	17:05:07.9
BRG	e	Sg	2002/04/18	23:54:57.8
BRG	e	Pg	2002/04/19	08:47:33.8
BRG	e	Sg	2002/04/19	08:47:48.0
BRG	e	Sg	2002/04/19	13:19:39.6
BRG	e	Sg	2002/04/19	16:59:57.7
BRG	e	Sg	2002/04/19	18:07:27.3
BRG	e	Sg	2002/04/19	18:17:39.9
BRG	e	Sg	2002/04/20	02:49:13.4
BRG	e	Sg	2002/04/20	03:14:15.1
BRG	e	Sg	2002/04/20	08:19:56.5
BRG	e	Sg	2002/04/20	13:21:43.1
BRG	e	Sg	2002/04/20	14:00:42.7
BRG	e	Sg	2002/04/20	15:38:01.9
CLL	e	Sg	2002/04/20	16:03:27.0
BRG	e	Sg	2002/04/21	04:12:46.9

ML 1.6

ML 1.1

BRG	e	Sg	2002/04/21 09:33:18.3
BRG	e	Sg	2002/04/21 12:15:56.8
BRG	e	Sg	2002/04/21 19:50:44.5
BRG	e	Sg	2002/04/22 02:08:22.3
BRG	i	Pg	2002/04/22 06:01:23.2
BRG	e	Sg	2002/04/24 04:34:50.6
BRG	e	Pg	2002/04/25 13:49:41.9
BRG	e	Sg	2002/04/25 13:50:01.7
BRG	e	Sg	2002/04/25 18:39:16.0
BRG	e	Sg	2002/04/25 23:06:22.9
SCE	i	Pn +	2002/04/26 05:16:50.1
BRG	e	Sg	2002/04/26 13:06:44.1
BRG	e	Sg	2002/04/27 00:51:55.9
BRG	e	Sg	2002/04/27 01:00:47.2
BRG	e	Sg	2002/04/27 01:01:20.7
BRG	e	Sg	2002/04/27 03:26:15.3
CLL	e	Sg	2002/04/27 07:59:52.0
BRG	e	Sg	2002/04/27 17:19:57.2
BRG	e	Sg	2002/04/27 20:54:54.4
BRG	e	Sg	2002/04/27 23:58:25.1
BRG	e	Sg	2002/04/28 05:08:35.6
BRG	e	Sg	2002/04/28 10:15:11.0
BRG	e	Sg	2002/04/28 10:24:45.8
BRG	e	Sg	2002/04/29 16:35:08.9