

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/01	21:41:10.8	+- 1.12	48.520N	6.580E	15.6	5.6	44	10G		5	3	247	2.0ML	BFO	BGR	L
2002/06/01	21:41:12.2	+- 0.98	48.550N	6.580E	12.2	5.6	40	10G		8	4	245	2.1ML		SZGRF	L
2002/06/01	21:41:11.7	+- 0.60	48.520N	6.590E	5.0	4.0	105	15	+- 3.0	32	20	202	2.1ML		LED	L
2002/06/01	21:41:10.5		48.548N	6.486E				2		56	23		2.7ML		LDG	L

SE of Nancy/F

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
ECH	i Pg -	21:41:21.4	0.4			61.8	126.4	
	i Sg	21:41:28.2	0.0					
	SmS	21:41:30.0	-4.7					
WLS	i Pg +	21:41:21.9	0.3			65.7	102.9	
	i Sg	21:41:29.5	0.2					
	SmS	21:41:31.1	-4.4					
MOF	e Pg -	21:41:26.3	0.3			91.0	148.0	
LIBD	Pg	21:41:27.1	0.8			93.6	117.8	
LANF	Pg	21:41:29.5	0.7			108.0	63.0	
FBB	Sg	21:41:43.6	-0.6			118.0	120.5	
KIZ	Pg	21:41:31.3	-0.3			124.8	121.3	ML 2.5
	Sg	21:41:45.5	-0.7					
WLF	e Pg Z	21:41:33.0	1.0			126.5	349.0	ML 1.9
	e Sg E	21:41:48.1	1.4					
RUP	Pg	21:41:33.8	0.4			134.9	17.8	
FELD	e Pg -	21:41:33.3	-0.1			135.0	123.0	
LOMF	Pg	21:41:33.6	0.1			135.5	169.1	
BFO	e Pg Z	21:41:33.7	-0.2			138.1	99.4	ML 2.0
	e Sn N	21:41:45.8	-5.0					
	e Sg E	21:41:48.9	-1.0					
BBS	Pg	21:41:34.2	-0.5			142.5	147.3	
KTD	Pg	21:41:35.0	-0.0			144.9	53.0	
ABH	Pg	21:41:39.3	0.5			167.1	27.1	
LBG	e Pn +	21:41:35.9	-2.2			170.2	84.8	ML 2.0
	Pg	21:41:39.1	-0.2					
	Sn	21:41:53.7	-3.9					
	Sg	21:41:58.9	-0.2					
	Pg	21:41:40.0	0.3					
SLE	e Pg	21:41:40.0	0.3			172.4	119.5	
SPAK	Pg	21:41:40.8	0.3			177.1	105.4	
GUT	Pg	21:41:44.8	0.2			201.5	104.3	ML 2.3
	Sg	21:42:07.6	-0.5					
TOD	Pg	21:41:45.2	-0.2			205.7	54.3	
BUCH	Pn	21:41:41.4	-1.8			211.5	91.9	ML 2.0
	Pg	21:41:46.5	0.2					
	Sg	21:42:10.4	-0.5					
TNS	e Pg Z	21:41:50.3	0.1			234.1	36.6	ML 2.4
	e Sg E	21:42:17.1	-0.3					
SIND	Pg	21:41:51.2	-0.7			244.5	67.5	ML 2.1
	Sg	21:42:21.5	1.1					
HDH	i Pg	21:41:56.6	-0.3			273.8	87.8	ML 2.1
UBR	i Pg +	21:41:59.7	0.8			285.6	108.4	ML 2.5
	Sg	21:42:32.2	0.1					
GRA1	e Sg E	21:42:56.5	1.0			367.3	68.0	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/02	11:31:13.5		49.353N	8.142E				3G		20	10		2.5ML		LDG	L
2002/06/02	11:31:14.0	+- 0.38	49.310N	8.270E	7.8	5.6	64	10G		7	4	124	1.8ML		SZGRF	L

Neustadt a.d. Weinstrasse., N of Landau

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
STU	e Sg	N	11:31:41.0	1.1	T		90.1	131.3	ML 2.0
TNS	e Pg	Z	11:31:30.9	-0.4	T		102.3	7.1	ML 1.7
	e Sg	E	11:31:42.4	-0.9	T				
BFO	e Pg	Z	11:31:31.5	-1.1	T		109.0	177.7	ML 1.7
	e Sg	E	11:31:44.4	-0.8	T				
WLF	e Pg	Z	11:31:41.5	0.7	T		158.0	285.3	ML 1.7
	e Sg	E	11:31:58.3	-0.8	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/02	12:27:33.6		49.299N	8.264E				9G		13	7		2.4ML		LDG	L
2002/06/02	12:27:34.1	+ - 0.41	49.300N	8.210E	6.7	4.4	68	10G		6	4	119	1.7ML		SZGRF	L

Neustadt a.d. Weinstrasse., N of Landau

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
STU	e Sg	N	12:28:01.6	0.9	T		92.7	129.0	ML 1.9
TNS	e Pg	Z	12:27:51.4	-0.4	T		104.0	9.3	ML 1.6
	e Sg	E	12:28:03.3	-0.6	T				
BFO	e Pg	Z	12:27:51.8	-0.7	T		108.2	175.3	ML 1.6
	e Sg	E	12:28:04.7	-0.5	T				
WLF	e Sg	E	12:28:18.5	0.3	T		154.1	286.0	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/02	13:30:26.7		49.274N	8.150E				3G		9	7		2.5ML		LDG	L
2002/06/02	13:30:25.6	+ - 0.41	49.310N	8.220E	7.8	4.4	68	10G		6	4	120	1.6ML		SZGRF	L

Neustadt a.d. Weinstrasse., N of Landau

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
STU	e Sg	E	13:30:53.0	0.7	T		92.9	129.8	ML 1.9
TNS	e Pg	Z	13:30:43.4	0.3	T		102.8	9.1	ML 1.5
	e Sg	Z	13:30:54.3	-0.9	T				
BFO	e Pg	Z	13:30:43.5	-0.7	T		109.3	175.7	ML 1.6
	e Sg	E	13:30:56.5	-0.5	T				
WLF	e Sg	E	13:31:10.0	0.1	T		154.5	285.6	ML 1.6

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/02	14:25:02.9	+ - 0.45	49.274N	8.243E	9.3	6.7	88	2	+ - 0.0	10	6	332	2.2ML		LDG	L

Neustadt a.d. Weinstrasse., N of Landau

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
TNS	e (Sg)	E	14:25:32.3	-1.0			106.5	7.8	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/02	14:46:12.7		49.336N	8.191E				2		14	8		2.7ML		LDG	L

2002/06/02 14:46:13.4 +- 0.33 49.310N 8.260E 5.6 4.4 43 10G 10 5 108 2.0ML SZGRF L
 2002/06/02 14:46:12.7 +- 0.20 49.320N 8.260E 4.0 2.0 324 12 +- 4.0 26 14 91 2.1ML LED L

Neustadt a.d. Weinstrasse., N of Landau

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
KTD	i Pg +	14:46:15.8	0.1	T		12.8	270.1	
	Sg	14:46:17.7	-0.0	T				
IMS	Pg	14:46:19.7	-0.1			40.0	319.7	
PEB	e Pg +	14:46:21.2	0.1	T		48.5	234.7	ML 2.1
	PmP	14:46:21.8	-2.5					
	Sg	14:46:27.1	0.2	T				
LANF	P*	14:46:21.8				50.2	221.4	
	e Pg +	14:46:21.3	-0.2	T				
TOD	i PmP	14:46:23.2	-1.3	T				
	i Pg +	14:46:21.5	-0.1	T		50.5	50.8	
	PmP	14:46:23.0	-1.6	T				
ABH	Sg	14:46:29.4	1.9	T				
	e Pg +	14:46:27.0	0.4	T		80.8	320.8	
LBG	Sg	14:46:37.2	1.1	T				
	e Pn -	14:46:27.3	-1.2	T		82.7	151.7	ML 2.1
	Pg	14:46:27.6	0.7	T				
STU	Sn	14:46:36.8	-2.6					
	Sg	14:46:37.9	1.4	T				
	e Pg Z	14:46:29.0	0.6			91.4	131.6	ML 2.3
RUP	e Sg E	14:46:40.3	1.3					
	Pg	14:46:29.6	0.4	T		96.5	296.5	
SIND	Pn	14:46:29.3	-1.0	T		97.6	87.6	ML 2.5
	e Pg -	14:46:29.8	0.4	T				
	Sg	14:46:42.2	1.5	T				
TNS	e Pg Z	14:46:30.3	0.4			101.2	7.6	ML 1.9
	e Sg E	14:46:42.4	0.6					
DUP	Sg	14:46:45.2	1.6	T		107.2	276.0	ML 2.1
BFO	e Pg Z	14:46:30.9	-0.6			110.2	177.3	ML 1.9
	e Sg E	14:46:43.9	-0.5					
WLS	Pg	14:46:31.9	-1.4	T		120.7	213.7	
BUCH	i Pg -	14:46:34.6	0.5	T		125.5	140.0	ML 2.2
	Sg	14:46:49.7	1.0	T				
LIBD	Sg	14:46:53.7	1.2	T		138.7	200.6	
SPAK	e Sg	14:46:53.2	0.1	T		140.8	163.9	
ECH	Pg	14:46:37.7	0.0	T		146.9	213.7	
	Sg	14:46:55.0	0.2	T				
GUT	Pg	14:46:38.5	-0.2			152.4	155.4	ML 2.0
	Sg	14:46:56.7	0.4					
KIZ	Sn	14:46:53.3	-1.1			153.7	189.5	ML 2.0
	Sg	14:46:56.5	-0.2					
WLF	e Pg Z	14:46:40.8	1.4			157.0	284.9	ML 1.9
	e Sg N	14:46:57.0	-0.6					
FELD	Sg	14:46:58.7	-0.3			161.6	186.8	
HDH	Sg	14:46:59.3	-0.4			164.0	119.2	ML 2.0
MOF	Pg	14:46:43.6	-0.2			183.1	207.3	
	Sg	14:47:05.6	0.5					
GRA1	e Pg Z	14:46:50.3	0.6			217.8	77.9	
	e Sg N	14:47:14.5	-0.5					
UBR	Sg	14:47:18.9	1.2			227.5	142.5	ML 2.0
MOX	e Pg	14:46:59.7	-0.8			281.5	57.2	
	e Sg	14:47:32.7	-0.5					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/02	15:36:50.4		49.315N	8.232E				10G		14	8		2.7ML		LDG	L
2002/06/02	15:36:50.9	+ - 0.38	49.300N	8.230E	5.6	4.4	59	10G		8	5	109	2.0ML		SZGRF	L
2002/06/02	15:36:50.3	+ - 0.20	49.330N	8.250E	4.0	2.0	323	12	+ - 3.0	23	12	92	2.1ML		LED	L

Neustadt a.d. Weinstrasse., N of Landau

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
KTD	i Pg +	15:36:53.4	0.2	T		12.1	264.9	
	Sg	15:36:55.3	0.1	T				
IMS	Pg	15:36:57.3	0.2			38.7	319.4	
PEB	e Pg +	15:36:58.9	0.1	T		48.6	233.1	ML 2.1
	e PmP	15:36:59.6	-2.3					
	e Sg	15:37:04.8	0.2	T				
TOD	SmS	15:37:06.4	-3.4					
	i Pg +	15:36:59.1	0.0	T		50.4	52.3	
	PmP	15:37:00.7	-1.4	T				
LANF	Sg	15:37:05.4	0.3	T				
	P*	15:36:59.4				50.6	219.9	
	Pg	15:36:58.9	-0.2	T				
ABH	PmP	15:37:01.0	-1.1	T				
	Pg	15:37:04.6	0.7	T		79.5	320.7	
LBG	e Pg -	15:37:05.2	0.5	T		84.0	151.6	ML 2.0
	e Sg	15:37:15.6	1.1	T				
STU	e Sg E	15:37:17.7	0.7			92.7	131.8	ML 2.3
RUP	Pg	15:37:07.2	0.7	T		95.4	296.1	
SIND	e Pn -	15:37:07.0	-0.9	T		98.2	88.3	ML 2.4
	e Pg -	15:37:07.4	0.3	T				
	e Sg	15:37:19.8	1.2	T				
TNS	e Pg Z	15:37:08.1	0.7			100.2	8.0	ML 1.8
	e Sg E	15:37:20.1	1.0					
DUP	e Pg	15:37:09.6	1.1	T		106.4	275.4	ML 2.0
	e Sg	15:37:22.7	1.9	T				
BFO	e Pg Z	15:37:08.4	-0.9			111.3	177.0	ML 1.8
	e Sg E	15:37:21.3	-1.0					
WLS	Pg	15:37:09.7	-1.3	T		121.2	213.1	
BUCH	e Pg	15:37:12.2	0.3	T		126.8	140.1	ML 2.2
	e Sg	15:37:27.3	0.6	T				
ECH	Pg	15:37:15.1	-0.3	T		147.5	213.3	
	Sg	15:37:33.2	0.6	T				
GUT	e Pn	15:37:14.1	-0.6			153.7	155.3	ML 2.0
	e Pg	15:37:16.1	-0.3					
	e Sg	15:37:34.3	-0.1					
KIZ	e Pg	15:37:13.8	-2.8			154.7	189.2	ML 2.0
	Sn	15:37:30.9	-1.3					
	e Sg	15:37:34.4	-0.3					
WLF	e Sg E	15:37:35.4	0.4			156.0	284.6	ML 1.8
FELD	Sg	15:37:36.2	-0.7			162.6	186.5	
HDH	e Sg	15:37:37.0	-0.6			165.2	119.4	ML 2.0
MOF	Sg	15:37:43.5	0.6			183.8	207.0	
GRA1	e Pg Z	15:37:28.2	0.8			218.3	78.2	ML 2.2
	e Sg E	15:37:53.3	0.6					
UBR	Sg	15:37:54.7	-1.0			228.8	142.6	ML 2.0
MOX	e Pg	15:37:37.3	-0.8			281.5	57.4	
	e Sg	15:38:10.9	0.1					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/02	20:57:28.4	+ - 0.37	49.310N	8.210E	5.6	5.6	76	10G		8	5	110	1.5ML		SZGRF	L

Neustadt a.d. Weinstrasse., N of Landau

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
STU	e Pg Z	20:57:44.2	-0.2	T		93.4	129.5	ML 1.7
TNS	e Pg Z	20:57:45.9	-0.1	T		102.9	9.4	ML 1.6
	e Sg E	20:57:57.6	-0.4	T				
BFO	e Pg Z	20:57:46.3	-0.7	T		109.3	175.4	ML 1.3
	e Sg E	20:57:59.1	-0.7	T				
WLF	e Sg N	20:58:12.2	-0.2	T		153.8	285.6	ML 1.5
GRA1	e Pg Z	20:58:05.8	-0.2	T		221.6	77.8	
	e Sg N	20:58:30.6	-1.3	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/03	00:55:26.9		49.305N	8.253E				11G		22	10		2.6ML		LDG	L
2002/06/03	00:55:26.8	+ - 0.38	49.310N	8.230E	5.6	4.4	48	10G		7	4	121	1.8ML	TNS	BGR	L
2002/06/03	00:55:27.4	+ - 0.33	49.310N	8.260E	4.4	4.4	43	10G		10	5	108	1.9ML		SZGRF	L
2002/06/03	00:55:26.8	+ - 0.20	49.330N	8.250E	4.0	2.0	323	12	+ - 3.0	28	13	92	2.1ML		LED	L

Neustadt a.d. Weinstrasse., N of Landau

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
KTD	i Pg +	00:55:29.8	0.2	T		12.1	264.9	
	Sg	00:55:31.8	0.1	T				
IMS	Pg	00:55:33.8	0.2			38.7	319.4	
PEB	e Pg +	00:55:35.3	0.0	T		48.6	233.1	ML 2.1
	i Sg	00:55:41.3	0.2	T				
TOD	i Pg +	00:55:35.6	0.0	T		50.4	52.3	
	PmP	00:55:37.2	-1.4	T				
	Sg	00:55:41.8	0.2	T				
LANF	Pg	00:55:35.4	-0.2	T		50.6	219.9	
	PmP	00:55:37.7	-0.9	T				
	Sg	00:55:42.0	0.4	T				
ABH	Pg	00:55:41.1	0.7	T		79.5	320.7	
	Sg	00:55:51.1	1.4	T				
LBG	e Pn +	00:55:41.4	-1.3	T		84.0	151.6	ML 2.0
	e Pg -	00:55:41.7	0.5	T				
	e Sn	00:55:51.0	-2.8	T				
	e Sg	00:55:52.0	0.9	T				
STU	e Pg Z	00:55:43.1	0.5			92.7	131.8	ML 2.3
	e Sg E	00:55:53.5	-0.0					
RUP	Pg	00:55:43.9	0.8	T		95.4	296.1	
SIND	e Pn +	00:55:43.3	-1.1	T		98.2	88.3	ML 2.3
	e Pg -	00:55:43.9	0.3	T				
TNS	e Pg Z	00:55:44.4	0.5			100.2	8.0	ML 1.8
	e Sg E	00:55:56.4	0.8					
DUP	e Pg	00:55:45.5	0.6	T		106.4	275.4	ML 2.0
	e Sg	00:55:58.9	1.5	T				
BFO	e Pg Z	00:55:45.0	-0.8			111.3	177.0	ML 1.8
	e Sg E	00:55:58.1	-0.7					
WLS	Pg	00:55:46.4	-1.1	T		121.2	213.1	
BUCH	e Pg	00:55:48.4	-0.0	T		126.8	140.1	ML 2.2

	e	PmP		00:55:48.7	-1.1	T												
	e	Sg		00:56:03.7	0.5	T												
SPAK		Sg		00:56:07.2	-0.4	T		142.1	163.7									
ECH		Pg		00:55:52.4	0.5	T		147.5	213.3									
		Sg		00:56:09.5	0.5	T												
GUT	e	Pn	-	00:55:50.6	-0.6			153.7	155.3			ML	2.1					
	e	Pg		00:55:52.5	-0.4													
	e	Sg		00:56:10.7	-0.1													
KIZ	e	Pn		00:55:49.6	-1.7			154.7	189.2			ML	2.1					
	e	Sg		00:56:10.8	-0.3													
WLF	e	Pg	Z	00:55:53.7	0.4			156.0	284.6			ML	1.7					
	e	Sg	E	00:56:11.8	0.3													
FELD		Pn		00:55:51.2	-1.1			162.6	186.5									
HDH	e	Sg		00:56:13.4	-0.7			165.2	119.4			ML	2.0					
MOF		Pg		00:55:56.4	-1.6			183.8	207.0									
		Sg		00:56:19.7	0.3													
GRA1	e	Pg	Z	00:56:04.0	0.1			218.3	78.2			ML	2.1					
	e	Sg	E	00:56:29.3	0.0													
UBR		Sg		00:56:32.2	-0.1			228.8	142.6			ML	2.0					
MOX	e	Pg		00:56:13.2	-1.4			281.5	57.4									
	e	Sg		00:56:47.2	-0.1													

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/03	21:44:42.9		49.414N	6.723E				1G		8	4		2.1ML		LDG	L

Lebach, N of Saarbruecken

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e (Sg) N	21:45:29.4	-1.6			168.3	135.1	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/03	21:49:23.5		49.351N	6.680E				1G		7	4		2.0ML		LDG	L

Saarbruecken-West

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Sg E	21:50:09.4	-1.5			165.7	132.6	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/05	21:16:52.4		49.380N	6.836E				1G		15	8		2.5ML		LDG	L
2002/06/05	21:16:53.1	+/- 0.59	49.350N	6.860E	8.9	6.7	63	1G		5	3	168	1.5ML	WLF	BGR	I

Saarbruecken-West

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg Z	21:17:03.9	0.3	T		61.9	304.7	ML 1.5
TNS	e Pg Z	21:17:17.8	-0.6	T		149.6	49.0	
	e Sg N	21:17:36.5	0.7	T				
BFO	e Pg Z	21:17:19.2	-0.4	T		156.3	136.0	
	e Sg N	21:17:38.2	0.5	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/06	13:05:07.2	+ - 0.36	50.410N	12.090E	5.6	4.4	147	10G		8	6	90	2.2ML	CLL	BGR	L
2002/06/06	13:05:07.6	+ - 0.32	50.430N	12.080E	4.4	4.4	123	10G		10	5	89	2.0ML		SZGRF	L

Plauen/S Saxony

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
MOX	e Pg	Z	13:05:14.3	-0.4	T		40.6	306.2	ML 1.5
	e Sg	E	13:05:19.7	0.2	T				
GRA1	e Pg	Z	13:05:25.0	-0.1	T		102.4	217.1	ML 2.0
	e Sg	N	13:05:37.9	0.9	T				
GRFO	e Pg	Z	13:05:24.9	-0.2			102.6	217.1	
CLL	e Pg	Z	13:05:27.3	-0.2	T		117.1	33.2	ML 2.2
	e Sg	E	13:05:42.3	1.1	T				
BRG	e Pg	Z	13:05:30.4	-1.1	T		140.3	68.7	ML 2.1
	e Sg	E	13:05:46.8	-1.0	T				
WET	e Pg	Z	13:05:32.4	-1.4	T		154.0	157.9	ML 2.1
	e Sg	E	13:05:51.1	-0.6	T				
TNS	e (Sg)	N	13:06:21.3	-0.4			258.9	266.3	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/07	03:51:36.1	+ - 0.87	51.480N	16.160E	16.7	7.8	168	1G		9	5	316	3.1ML		SZGRF	I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pn	Z	03:52:04.5	0.8	T		168.6	247.3	ML 2.9
	e Sg	E	03:52:24.6	0.2	T				
CLL	e Pn	Z	03:52:09.9	-0.0	T		219.9	266.2	ML 2.8
	e Sg	N	03:52:39.2	0.3	T				
MOX	e Pn	Z	03:52:24.8	1.4	T		330.8	255.5	ML 3.2
	e Sg	N	03:53:11.1	0.5	T				
WET	e Pn	Z	03:52:26.6	1.0	T		348.9	223.2	ML 3.0
GRA1	e Pn	Z	03:52:33.5	1.5	T		401.2	242.2	ML 3.4
	e Sg	E	03:53:30.7	-0.0	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/07	19:16:29.4		49.373N	6.847E				1G		24	10		2.4ML		LDG	L
2002/06/07	19:16:30.4	+ - 0.46	49.350N	6.850E	7.8	4.4	35	1G		6	3	169	1.6ML		SZGRF	I

Saarbruecken-West

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg	Z	19:16:40.7	-0.1	T		61.3	305.0	ML 1.3
	e Sg	E	19:16:47.5	-0.4	T				
TNS	e Pg	Z	19:16:54.6	-1.2	T		150.2	49.2	ML 1.8
	e Sg	N	19:17:13.4	0.1	T				
BFO	e Pg	Z	19:16:56.5	-0.4	T		156.8	135.8	ML 1.7
	e Sg	E	19:17:14.6	-0.5	T				

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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2002/06/08 03:36: 1.0 +- 1.00 51.440N 16.120E 20.0 15.6 163 1G 10 5 315 3.0ML SZGRF I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg	Z	03:36:27.9	-1.0	T		164.4	248.3	ML 2.7
	e Sg	N	03:36:47.6	-0.5	T				
CLL	e Pn	Z	03:36:32.4	-2.1	T		216.9	267.3	ML 2.8
	e Sg	N	03:37:02.6	-0.4	T				
MOX	e Pg	Z	03:36:55.0	-1.5	T		327.0	256.1	ML 3.1
	e Sg	N	03:37:35.0	0.5	T				
WET	e Pn	Z	03:36:50.3	0.4	T		343.7	223.3	ML 3.1
	e Sg	N	03:37:37.7	-1.5	T				
GRA1	e Pg	Z	03:37:08.8	0.5	T		396.7	242.6	ML 3.4
	e Sg	N	03:37:55.5	1.1	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/08	19:01:19.8	+- 0.92	51.610N	16.180E	18.9	8.9	165	1G		9	5	319	3.0ML		SZGRF	I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg	Z	19:01:49.0	-0.7	T		176.0	243.1	ML 2.8
	e Sg	E	19:02:09.9	-0.2	T				
CLL	e Pn	Z	19:01:53.8	-0.2	T		222.7	262.6	ML 2.7
	e Sg	N	19:02:23.9	0.5	T				
MOX	e Pn	Z	19:02:08.4	0.6	T		336.0	253.2	ML 3.3
	e Sg	N	19:02:56.5	0.7	T				
WET	e Pn	Z	19:02:11.9	1.1	T		360.5	221.8	
GRA1	e Pn	Z	19:02:18.5	1.8	T		409.3	240.5	ML 3.4
	e Sg	E	19:03:16.5	-0.2	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/09	12:14:59.7		49.361N	6.830E				1G		15	7		2.3ML		LDG	L
2002/06/09	12:14:59.5	+- 0.45	49.350N	6.900E	6.7	4.4	34	1G		6	3	166	1.6ML	BFO	BGR	I

Saarbruecken-West

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg	Z	12:15:10.9	0.6	T	2.0	64.3	303.2	ML 1.3
	e Sg	N	12:15:17.7	-0.1	T				
TNS	e Pg	Z	12:15:24.7	0.2	T	2.6	147.5	48.3	ML 1.7
	e Sg	N	12:15:41.6	0.0	T				
BFO	e Pg	Z	12:15:25.5	-0.1	T	3.1	154.3	136.8	ML 1.6
	e Sg	N	12:15:43.4	-0.2	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/11	20:29:32.2		51.484N	6.776E				1G		20	12		2.7ML		LDG	L
2002/06/11	20:29:34.2	+- 0.83	51.400N	7.070E	13.3	4.4	133	1G		8	4	232	1.7ML		SZGRF	I
2002/06/11	20:29:31.4	+- 0.54	51.470N	6.960E	5.6	3.3	118	1G		11	6	193	2.1ML	TNS	BGR	I
2002/06/11	20:29:29.5		51.580N	6.834E				1G					1.7ML		BUG	I

Duisburg, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg - Z	20:29:36.2	1.0	TA		33.8	117.1	ML 1.7
	e Sg N	20:29:37.9	-1.3					
IBBN	e Pg Z	20:29:49.2	2.3		4.4	102.6	37.6	ML 2.3
	e Sg N	20:30:02.3	3.5					
TNS	e Pg Z	20:30:00.2	-1.3		2.3	188.6	142.5	ML 2.1
	e Sg N	20:30:20.5	-2.8					
WLF	e Pg Z	20:30:07.0	0.5		2.9	218.3	193.0	ML 2.1
	e Sg N	20:30:31.1	-0.7					
CLZ	e Pg Z	20:30:13.7	2.6			245.5	81.8	ML 2.2
	e Sg E	20:30:39.7	0.1					
MOX	e Pg Z	20:30:29.8	1.1		1.1	349.5	105.4	ML 2.4
	e Sg N	20:31:08.4	-1.0					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/12	17:46:19.4	+/- 0.72	51.510N	6.950E	8.9	6.7	113	1G		7	6	196	2.0ML	TNS	BGR	I
2002/06/12	17:46:16.7		51.548N	6.813E				1G					1.7ML		BUG	I

Duisburg, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg - Z	17:46:23.5	1.1	TA		33.8	110.5	ML 1.7
IBBN	e Pg Z	17:46:36.7	1.9					
TNS	e Pg Z	17:46:48.3	-0.1			186.7	141.5	ML 2.0
	e Sg E	17:47:10.3	0.2					
WLF	e Pg Z	17:46:53.8	0.7			214.5	192.8	
CLZ	e (Sg) E	17:47:27.9	0.5					
MOX	e Pn Z	17:47:08.1	1.7			350.0	104.8	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/13	01:14:39.6	+/- 0.56	49.880N	18.500E	7.8	6.7	33	1G		20	11	283	4.5ML		SZGRF	I

CZECHOSLOVAKIA

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pn Z	01:15:28.6	0.4	T		341.4	290.6	ML 4.1
	e Sg N	01:16:16.6	-0.6					
ARSA	e Pn Z	01:15:32.2	1.1	T		365.3	218.0	ML 3.9
MOA	e Pn Z	01:15:34.0	0.7					
WET	e Sg N	01:16:29.1	0.0	T		383.2	235.5	ML 4.4
	e Pn Z	01:16:29.1	0.0					
WET	e Pn Z	01:15:37.6	0.5	T		413.9	260.7	ML 4.6
	e Sg N	01:16:37.0	-0.9					
CLL	e Pn Z	01:15:38.2	0.5	T		419.1	294.4	ML 4.4
	e Sg N	01:16:42.7	3.3					
KBA	e Pn Z	01:15:48.3	1.8	T		491.2	232.6	ML 4.2
	e Sg N	01:17:01.8	1.8					
MOX	e Pn Z	01:15:48.1	0.9	T		496.5	282.5	ML 4.5
	e Sg N	01:17:02.4	0.9					
GRC1	e Pn Z	01:15:50.4	1.1	T		513.9	261.6	ML 5.0
	e Sg N	01:17:05.3	-1.2					
GRA1	e Pn Z	01:15:51.6	1.3	T		522.7	270.5	ML 4.8
	e Sg N	01:17:08.5	-0.5					

FUR e Pn Z 01:15:55.9 1.0 T 560.0 252.8 ML 5.2
 e Sg E 01:17:20.7 1.0 T

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
 2002/06/15 19:04: 6.3 +- 0.69 51.450N 16.320E 12.2 6.7 175 1G 14 8 306 4.5ML SZGRF I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pn Z	19:04:35.1	0.2	T		177.7	249.8	ML 3.9
	e Sg N	19:04:56.8	-0.3	T				
CLL	e Pn Z	19:04:41.3	-0.1	T		230.8	267.4	ML 4.2
	e Sg N	19:05:11.6	-0.7	T				
MOX	e Pn Z	19:04:55.6	0.8	T		340.8	256.6	ML 4.6
	e Sg N	19:05:44.1	0.5	T				
WET	e Pn Z	19:04:57.9	1.5	T		354.2	225.0	ML 4.5
GRA1	e Pn Z	19:05:05.2	2.0	T		409.5	243.5	ML 5.0
	e Sg N	19:06:04.2	0.9	T				
CLZ	e Pn Z	19:05:05.3	1.7	T		412.5	278.4	ML 4.7
	e Sg N	19:06:05.3	1.1	T				
TNS	e Pn Z	19:05:23.9	1.3	T		569.1	259.2	ML 4.9
	e Sg N	19:06:49.0	0.1	T				
BFO	e Pn Z	19:05:34.9	0.1	T		668.8	241.9	

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
 2002/06/16 03:34:21.5 +- 0.67 51.100N 19.410E 12.2 8.9 25 1G 15 9 281 3.9ML SZGRF I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pn Z	03:35:14.1	-1.1	T		383.4	268.4	ML 3.6
	e Sg N	03:36:09.8	-1.2	T				
RUE	e Sg N	03:36:23.3	2.8	T		416.2	293.8	ML 4.0
CLL	e Pn Z	03:35:23.1	0.2	T		446.8	275.5	ML 3.8
	e Sg N	03:36:30.2	1.0	T				
ARSA	e Pn Z	03:35:33.4	2.4	T		512.7	214.9	ML 3.7
WET	e Pn Z	03:35:31.5	0.4	T		513.7	247.5	ML 4.0
	e Sg N	03:36:47.4	-0.9	T				
MOA	e Pn Z	03:35:33.1	1.5	T		518.2	227.8	ML 4.0
	e Sg N	03:36:50.1	0.6	T				
MOX	e Pn Z	03:35:36.0	0.6	T		549.0	267.7	ML 4.0
	e Sg N	03:36:58.5	0.1	T				
GRA1	e Pn Z	03:35:42.1	0.4	T		600.8	258.1	ML 4.0
	e Sg E	03:37:15.2	2.0	T				

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
 2002/06/17 01:50:34.7 +- 0.98 46.830N 7.010E 13.3 7.8 24 10G 12 7 285 3.0ML SZGRF I

SWITZERLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg Z	01:51:06.3	-1.3	T		193.9	30.2	ML 2.5

STU	e	Sg	N	01:51:52.1	0.0	T	270.5	36.3	ML	3.4								
WLF	e	Pg	Z	01:51:27.4	-1.9	T	321.5	348.9	ML	2.8								
	e	Sg	E	01:52:05.8	-0.8	T												
FUR	e	Pg	Z	01:51:32.7	-1.8	T	353.0	63.6										
	e	Sg	E	01:52:16.4	0.7	T												
TNS	e	Sg	N	01:52:26.4	-0.2	T	391.8	15.1										
GRA1	e	Pg	Z	01:51:49.1	-1.2	T	445.4	42.9	ML	3.3								
	e	Sg	E	01:52:42.6	0.6	T												
WET	e	Pn	Z	01:51:41.1	-1.3	T	506.7	57.3										
	e	Sn	N	01:52:34.0	2.5	T												
	e	Sg	N	01:52:59.5	0.0	T												

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/18	09:43:19.0	+ - 1.17	51.520N	16.310E	16.7	12.2	157	1G		8	5	318	3.2ML		SZGRF	I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg	Z 09:43:49.7	0.1	T		179.9	247.4	ML 3.0
	e Sg	N 09:44:10.2	-0.2	T				
CLL	e Sg	E 09:44:24.4	-0.5	T		230.6	265.4	ML 3.0
MOX	e Pn	Z 09:44:08.8	1.1	T		342.0	255.3	ML 3.4
	e Sg	E 09:44:57.2	0.5	T				
WET	e Sg	N 09:45:01.0	-0.7	T		359.3	224.0	ML 3.2
GRA1	e Pn	Z 09:44:16.6	0.3	T		412.4	242.5	ML 3.6
	e Sg	N 09:45:18.9	2.0	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/06/20	20:37:55.7	+ - 0.89	51.540N	16.140E	13.3	8.9	157	1G		10	5	317	3.4ML		SZGRF	I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg	Z 20:38:23.9	-0.7	T		170.1	245.0	ML 3.1
	e Sg	E 20:38:44.1	-0.2	T				
CLL	e Pn	Z 20:38:29.4	-0.0	T		219.0	264.5	ML 3.0
	e Sg	N 20:38:58.2	-0.1	T				
MOX	e Pn	Z 20:38:44.0	0.9	T		331.2	254.3	ML 3.5
	e Sg	N 20:39:30.5	0.2	T				
WET	e Pn	Z 20:38:47.1	1.4	T		352.8	222.2	ML 3.5
	e Sg	N 20:39:35.6	-0.9	T				
GRA1	e Pn	Z 20:38:53.3	1.5	T		403.1	241.3	ML 3.8
	e Sg	N 20:39:52.8	1.9	T				

Unassociated arrivals

Sta	Phase	Date	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Sg	2002/06/01	01:08:31.7						

BRG	e	Sg	2002/06/02 03:48:18.3
CLL	e	Sg	2002/06/02 15:31:05.0
BRG	e	Sg	2002/06/03 01:08:15.8
BRG	e	Sg	2002/06/03 02:13:25.4
CLL	e	(Sg)	2002/06/03 03:22:18.0
BRG	e	Sg	2002/06/04 07:01:16.9
BRG	e	Sg	2002/06/04 12:51:53.9
BRG	e	Sg	2002/06/04 14:43:48.9
BRG	e	Sg	2002/06/05 06:51:38.4
BRG	e	Sg	2002/06/06 03:03:12.9
BRG	e	Sg	2002/06/06 19:23:15.6
BRG	e	Sg	2002/06/07 00:06:05.7
BRG	i	Sg	2002/06/07 00:56:53.0
BRG	e	Sg	2002/06/07 20:30:56.4
BRG	e	Sg	2002/06/08 04:09:19.2
BRG	i	Sg	2002/06/09 03:31:05.2
BRG	i	Sg	2002/06/09 04:19:03.4
BRG	i	Sg	2002/06/09 11:42:14.0
BRG	i	Sg	2002/06/10 02:58:56.7
BRG	e	Sg	2002/06/10 18:56:38.1
BRG	i	Sg	2002/06/11 02:43:21.4
BRG	i	Sg	2002/06/11 03:36:00.9
BRG	i	Sg	2002/06/11 22:15:02.7
BRG	i	Sg	2002/06/11 22:16:30.7
BRG	e	Sg	2002/06/12 15:42:26.8
BRG	e	Sg	2002/06/12 16:11:21.2
BRG	e	Sg	2002/06/12 16:25:55.8
BRG	i	Sg	2002/06/12 22:16:17.1
CLL	e	Sg	2002/06/13 07:09:54.0

BFO	e	Sg	2002/06/14 09:01:00.9
BRG	i	Sg	2002/06/14 15:39:24.5
BRG	e	Sg	2002/06/15 09:34:31.4
BRG	e	Sg	2002/06/16 06:58:55.5
BRG	e	Sg	2002/06/16 22:33:41.7
BRG	e	Sg	2002/06/17 06:01:02.7
BRG	e	Sg	2002/06/17 14:29:12.7
BRG	e	Sg	2002/06/17 22:21:36.4
BRG	e	Sg	2002/06/18 05:36:59.4
BRG	e	Sg	2002/06/18 12:17:20.0
CLL	e	Sg	2002/06/18 15:03:32.0
BRG	e	Sg	2002/06/18 16:38:08.9
BRG	e	Sg	2002/06/19 02:49:41.7
BRG	e	Sg	2002/06/19 03:07:13.4
BRG	e	Sg	2002/06/20 02:04:20.9
BRG	e	Sg	2002/06/20 15:21:38.1
BRG	e	Sg	2002/06/21 20:04:38.2
BRG	e	Sg	2002/06/21 22:24:35.5
BRG	e	Sg	2002/06/22 05:36:37.2
BRG	e	Sg	2002/06/22 19:03:49.7
BRG	e	Sg	2002/06/22 23:53:28.9
BRG	e	Sg	2002/06/23 14:51:16.9
BRG	e	Sg	2002/06/23 23:30:21.7
BRG	e	Sg	2002/06/24 12:29:41.7
BRG	e	Sg	2002/06/24 15:42:52.2
BRG	e	Sg	2002/06/25 00:51:07.1
BRG	e	Sg	2002/06/25 02:29:43.4
BRG	e	Sg	2002/06/25 11:05:12.9
BRG	e	Sg	2002/06/25 11:39:18.7

CLL	e	Sg	2002/06/28 05:40:35.0
BRG	e	Sg	2002/06/29 19:19:22.8
BRG	e	Sg	2002/06/29 21:51:52.8
BRG	e	Sg	2002/06/29 22:41:17.3
BRG	e	Sg	2002/06/30 12:49:13.2