

2002/08/01 14:20:21.5 +- 0.94 51.550N 16.160E 20.0 10.0 174 1G D\_err 9 Nsta Gap 6 306 3.3ML Ref SZGRF Ev\_type I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pn	Z	14:20:49.6	0.2	T		171.8	244.9	ML 3.0
	e Sg	N	14:21:10.2	-0.4	T				
CLL	e Pn	Z	14:20:54.8	-0.5	T		220.5	264.2	ML 3.1
	e Sg	N	14:21:24.4	-0.1	T				
MOX	e Pg	Z	14:21:17.4	-0.5	T		332.8	254.2	ML 3.4
	e Sg	N	14:21:57.4	0.8	T				
GEC2	e Pn	Z	14:21:12.4	1.5	T		347.9	211.1	
WET	e Pn	Z	14:21:12.3	0.6	T		354.6	222.3	
GRA1	e Sg	N	14:22:17.1	-0.1	T		404.9	241.3	ML 3.7

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/01	23:27:56.4	+- 0.54	51.504N	6.658E	8.8	5.4	6	1G		11	4	272	2.6ML		LDG	I?
2002/08/01	23:27:55.9	+- 0.80	51.490N	6.790E	13.3	5.6	104	1G		5	4	202	2.3ML	IBBN	BGR	I
<b>2002/08/01</b>	<b>23:27:54.8</b>		<b>51.595N</b>	<b>6.785E</b>				<b>1G</b>					<b>1.6ML</b>		<b>BUG</b>	<b>I</b>

Duisburg, Ruhr Coal Mining District

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg	- Z	23:28:02.2	1.0	TA		37.6	116.9	ML 1.6
IBBN	e Pg	Z	23:28:14.1	1.7		2.3	103.5	39.7	ML 2.3
	e Sg	N	23:28:28.7	4.3					
TNS	e Sg	N	23:28:48.1	-1.6			192.0	142.0	ML 2.2
WLF	e Sg	E	23:28:55.8	-1.7			219.2	192.0	ML 2.0

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/02	04:10:59.7	+- 0.05	47.597N	6.335E	1.2	0.9	157	9G		17	8	63	2.1ML		LDG	I

SE of Vesoul/F

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e (Sg)	N	04:11:48.2	0.1			169.4	60.5	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/03	16:01:44.6	+- 0.26	50.847N	6.121E	4.7	2.5	161	5G		13	5	201	2.5ML		LDG	I
<b>2002/08/03</b>	<b>16:01:46.3</b>		<b>50.862N</b>	<b>6.249E</b>				<b>11</b>					<b>1.5ML</b>		<b>BNS</b>	<b>I</b>

Kerkrade/NL, Geilenkirchen, N of Aachen

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg	Z	16:02:02.1	-0.5			95.9	47.5	ML 1.6
	e Sg	E	16:02:13.8	-0.1					
WLF	e Pg	Z	16:02:08.3	-0.7			133.3	183.0	ML 1.6
	e Sg	E	16:02:23.4	-1.2					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/05	05:41:15.3	+ - 0.46	49.550N	7.460E	5.6	5.6	108	10G		5	3	124	1.9ML		SZGRF	L

Landstuhl

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Sg N	05:41:42.4	-0.1	T		95.1	278.2	ML 1.8
TNS	e Pg Z	05:41:32.2	-0.6	T		102.9	43.0	ML 2.1
	e Sg N	05:41:44.4	-0.4	T				
BFO	e Pg Z	05:41:39.7	-1.0	T		149.8	154.6	
	e Sg N	05:41:57.9	-0.3	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/05	05:41:15.3	+ - 0.46	49.550N	7.460E	5.6	5.6	108	10G		5	3		1.9ML		SZGRF	L
2002/08/05	05:41:15.2	+ - 1.16	49.510N	7.560E	16.7	5.6	92	10G		5	3	241	2.1ML	TNS	BGR	L
2002/08/05	05:41:14.5	+ - 0.37	49.562N	7.524E	4.6	2.5	38	4	+ - 5.4	25	15	67	1.9ML		LED	L
2002/08/05	05:41:14.1	+ - 0.20	49.530N	7.540E	2.0	1.0	67	14	+ - 4.0	10	7	90	2.0ML		LER	L

Landstuhl

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
IMS	i Pg +	05:41:19.2	-0.0	T		27.0	74.6	ML 1.7
	i Sg	05:41:23.0	0.2	T				
ABH	P*	05:41:21.0				39.1	0.8	
	i Pg -	05:41:20.5	-0.6					
	Sg	05:41:25.2	-0.8					
RUP	Pg	05:41:20.8	-0.4			39.5	299.0	
KTD	Sg	05:41:29.3	1.5			45.7	120.5	
PEB	i Pg	05:41:23.4	0.0	T		53.1	166.0	ML 2.1
	Sg	05:41:30.9	1.1	T				
DUP	Sg	05:41:31.4	0.8	T		56.0	256.7	ML 1.8
RIVT	Pg	05:41:24.1	-0.3	T		59.2	289.8	ML 1.4
LANF	Pg	05:41:27.2	2.0			64.1	162.4	
	Sg	05:41:34.0	1.2					
FSH	i Pg	05:41:25.8	-0.1	T		68.2	333.2	ML 2.2
	i PmP	05:41:28.0	-0.0					
	Sg	05:41:33.4	-0.6	T				
	SmS	05:41:37.4	-0.2					
SWS	Pg	05:41:29.4	0.9			84.0	93.0	ML 1.5
	Sg	05:41:39.2	0.8					
TOD	PmP	05:41:31.7	0.3			91.5	84.2	
	Sg	05:41:41.2	0.6					
FACH	Pg	05:41:30.2	-0.6	T		97.4	19.3	ML 2.0
	Sg	05:41:40.9	-1.3					
TNS	e Pg Z	05:41:32.2	0.9			100.8	39.8	ML 2.1
	e Sg N	05:41:44.5	1.3					
BLI	Pg	05:41:34.3	-0.1			118.9	311.5	ML 1.9
	Sg	05:41:46.6	-1.7					
WLS	Pg	05:41:36.4	0.9			125.0	186.3	
	Sg	05:41:50.8	0.8					
LBG	Pg	05:41:37.7	1.0			132.7	136.0	ML 2.2
BIW	Sn	05:41:50.5	-1.0	T		135.2	8.9	ML 2.0
BFO	e Pg Z	05:41:39.9	1.0			145.4	156.3	ML 1.7
	e Sg E	05:41:55.7	-0.1					
STU	e (Sg) N	05:41:56.7	0.4			146.9	124.4	
ECH	Sg	05:41:58.0	1.2			148.8	191.0	

SIND	Pg	05:41:40.0	0.2		150.7	96.9	ML	2.4
KIZ	Sn	05:42:01.8	1.4		177.2	170.9	ML	1.9
	Sg	05:42:05.9	1.0					
BUCH	Pg	05:41:45.6	1.1		178.7	131.6	ML	1.8
FELD	Sg	05:42:09.0	1.3		187.0	169.3		
MOF	Sg	05:42:08.9	0.7		189.0	189.2		

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/06	01:40:14.1	+ - 1.11	49.860N	18.160E	12.2	11.1	106	1G		11	6	316	3.3ML		SZGRF	I

CZECHOSLOVAKIA

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg Z	01:41:04.4	-3.9	T		319.6	292.3	ML 2.9
	e Sg N	01:41:45.5	0.1	T				
GEC2	e Pg Z	01:41:08.8	-3.3	T		342.0	252.4	
	e Sg N	01:41:52.7	0.8	T				
WET	e Pg E	01:41:16.7	-3.4	T		389.5	260.2	
	e Sg N	01:42:04.7	-0.7	T				ML 3.5
CLL	e Pg Z	01:41:18.7	-2.9	T		398.0	295.8	ML 3.3
	e Sg N	01:42:07.9	0.0	T				
MOX	e Pg Z	01:41:32.3	-2.1	T		473.2	283.1	ML 3.4
GRA1	e Pg Z	01:41:35.6	-3.0	T		498.3	270.5	ML 3.6
	e Sg N	01:42:37.7	1.2	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/06	10:23:37.7	+ - 1.29	51.500N	6.690E	15.6	5.6	85	1G		6	3	260	1.8ML	BUG	BGR	I
2002/08/06	10:23:38.1	+ - 0.58	51.573N	6.810E				0	+ -20.5	11	7	311	2.0ML		BNS	I
2002/08/06	10:23:37.6		51.525N	6.808E				1G					1.4ML		BUG	I

Duisburg, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg - Z	10:23:44.3	1.1	TA		33.3	106.2	ML 1.4
	e (Sg) E	10:23:48.9	1.8					
BNS	e Sg E	10:24:00.0	3.1			67.5	157.5	
HOB	e Pg Z	10:23:51.0	1.4			70.5	148.5	
	e Sg E	10:24:00.7	3.0					
STB	e Pg Z	10:23:57.1	1.9			103.6	178.8	
	e Sg N	10:24:10.8	3.6					
KLL	e Pg Z	10:23:56.8	1.6			103.6	199.7	
	e Sg E	10:24:10.3	3.1					
IBBN	e (Pg) Z	10:23:56.9	0.9			108.6	36.4	
	e Sg E	10:24:11.6	2.9					
HIL	e Sg N	10:24:19.6	2.7			137.3	183.8	
KOE	e Pg Z	10:24:02.0	1.0			138.4	151.7	
	e Sg E	10:24:20.2	3.0					
BGG	e Sg N	10:24:22.8	2.0			151.2	165.6	
TNS	e Pg Z	10:24:09.6	0.6			184.9	140.9	ML 2.1
	e Sg E	10:24:32.1	1.7					

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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2002/08/06 11:47:13.7 +- 1.64 47.790N 14.480E 17.8 14.5 85 10G 7 4 327 2.8ML WET BGR L

Hochkogel Mountain/A

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
GEC2	e Pg	Z	11:47:36.1	0.2	T		130.7	334.2	
	e Sg	E	11:47:51.6	0.5	T				
WET	e Pg	Z	11:47:45.5	-0.7	T		191.3	322.5	ML 2.8
	e Sg	E	11:48:09.0	0.6	T				
SCE	i Pn	+	11:47:52.4	5.4			224.5	249.2	
GRFO	e Pg	Z	11:48:08.3	0.5	T		319.0	312.7	ML 2.9
	e Sg	N	11:48:44.2	-0.7	T				
CLL	e (Sg)	E	11:49:08.9	-0.6	T		405.4	345.3	ML 3.3

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/07	23:49:20.8	+-	1.45	50.080N	18.410E	16.7	13.3	69	1G		7	4	318	3.1ML		SZGRF	I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg	Z	23:50:13.4	-3.1	T		328.1	287.3	ML 2.8
	e Sg	N	23:50:53.8	-0.8	T				
GEC2	e Pg	Z	23:50:21.3	-1.7	T		366.8	249.8	
	e Sg	N	23:51:05.2	-0.4	T				
CLL	e Pg	Z	23:50:25.8	-3.6	T		404.5	291.8	ML 3.3
	e Sg	N	23:51:17.5	1.1	T				
MOX	e Sg	N	23:51:41.4	1.7	T		485.8	280.0	ML 3.2

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/08	02:09:54.7	+-	0.92	51.470N	16.210E	15.6	7.8	178	1G		10	6	305	3.2ML		SZGRF	I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg	Z	02:10:23.3	-0.4	T		171.4	248.1	ML 2.9
	e Sg	N	02:10:43.5	-0.2	T				
CLL	e Pg	Z	02:10:31.0	-1.6	T		223.3	266.6	
	e Sg	N	02:10:58.4	-0.1	T				
MOX	e Pn	Z	02:10:42.9	0.6	T		333.9	255.8	ML 3.4
	e Sg	N	02:11:30.8	0.7	T				
GEC2	e Pn	Z	02:10:44.6	1.2	T		342.2	212.4	
WET	e Pn	Z	02:10:45.1	0.7	T		350.5	223.7	ML 3.3
GRA1	e Pn	Z	02:10:51.9	1.0	T		403.7	242.6	
	e Sg	N	02:11:50.2	0.1	T				

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/10	14:17:50.2	+-	0.72	51.560N	16.160E	7.8	7.8	96	1G		11	7	268	3.9ML		SZGRF	I

POLAND

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pg	Z	14:18:18.9	-0.5	T		172.3	244.6	ML 3.6

RUE	e	Sg	N	14:18:38.9	-0.5	T												
	e	Pn	Z	14:18:20.6	0.1	T	192.1	303.0	ML	3.7								
	e	Sg	E	14:18:45.9	0.8	T												
CLL	e	Pn	Z	14:18:23.8	-0.3	T	220.6	263.9	ML	3.6								
MOX	e	Pn	Z	14:18:38.1	0.3	T	333.1	254.0	ML	4.1								
	e	Sg	N	14:19:26.0	0.6	T												
GEC2	e	Pn	Z	14:18:41.5	1.8	T	348.9	211.0										
WET	e	Pn	Z	14:18:41.6	1.1	T	355.4	222.2	ML	4.0								
GRA1	e	Pn	Z	14:18:48.0	1.4	T	405.4	241.1	ML	4.3								
	e	Sg	N	14:19:46.0	-0.0	T												

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/13	02:09:32.0	+- 0.06	49.147N	6.855E	1.1	1.0	57	1G		34	13	73	2.3ML		LDG	I?
<b>2002/08/13</b>	<b>02:09:32.5</b>	<b>+- 0.54</b>	<b>49.120N</b>	<b>6.880E</b>	<b>8.9</b>	<b>4.4</b>	<b>44</b>	<b>1G</b>		<b>6</b>	<b>3</b>	<b>190</b>	<b>1.8ML</b>	<b>TNS</b>	<b>BGR</b>	<b>I</b>

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg	Z 02:09:45.9	-0.2	T	5.8	80.2	319.3	ML 1.6
	e Sg	N 02:09:55.4	-0.1	T				
BFO	e Pg	Z 02:09:56.4	0.5	T	4.7	137.9	129.0	ML 1.5
	e Sg	E 02:10:11.6	-0.4	T				
TNS	e Pg	Z 02:10:01.6	0.8	T	1.9	166.6	42.0	ML 1.8
	e Sg	E 02:10:19.6	-0.5	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/13	14:55:11.4	+- 0.51	51.580N	7.760E	7.8	5.6	91	1G		6	4	162	2.0ML	TNS	BGR	I
2002/08/13	14:55:10.4	+- 0.33	51.650N	7.953E				1G		13	7	320	2.0ML		BNS	I
<b>2002/08/13</b>	<b>14:55:09.3</b>		<b>51.647N</b>	<b>7.754E</b>				<b>1G</b>					<b>1.8ML</b>		<b>BUG</b>	<b>I</b>

Hamm/Westfalen, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg +	Z 14:55:17.1	0.9	TA		40.6	235.8	ML 1.8
	e Sg	E 14:55:23.1	2.2					
IBBN	e Sg	E 14:55:34.3	4.0			73.4	0.1	ML 2.1
HOB	e Pg	Z 14:55:25.0	2.3			79.3	201.8	
	e Sg	E 14:55:35.9	4.0					
BNS	e Pg	Z 14:55:26.4	2.6			85.9	208.1	
STB	e Pg	Z 14:55:33.2	1.3			133.4	208.9	
	e Sg	E 14:55:50.0	2.5					
KOE	e Pg	Z 14:55:33.3	0.9			135.9	180.6	
	e Sg	E 14:55:49.9	1.8					
KLL	e Pg	Z 14:55:35.6	0.9			149.9	222.7	
	e Sg	E 14:55:54.4	2.3					
BGG	e Pg	Z 14:55:37.4	0.5			162.8	190.5	
	e Sg	N 14:55:56.5	0.7					
TNS	e Pg	Z 14:55:37.9	0.5		2.4	165.7	162.7	ML 2.0
	e Sg	E 14:55:56.6	-0.0					
HIL	e Pg	Z 14:55:38.3	0.5			168.3	206.9	
	e Sg	N 14:55:58.6	1.2					
WLF	e Sg	E 14:56:19.7	-0.4			247.6	207.7	ML 2.2

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/14	22:29:55.5	+/- 1.24	50.090N	18.200E	13.3	12.2	148	1G		8	6	320	3.2ML		SZGRF	I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pn	Z 22:29:51.9	1.3	T		313.5	287.8	ML 2.8
	e Sg	N 22:30:34.0	-1.0	T				
GEC2	e Pn	Z 22:29:56.5	1.1	T		353.2	248.7	ML 3.3
	e Sg	N 22:30:45.1	-1.3	T				
WET	e Sg	N 22:30:59.1	0.0	T		397.4	256.7	ML 3.3
MOX	e Sg	N 22:31:20.9	0.9	T		470.9	280.1	ML 3.3
GRA1	e Sg	E 22:31:30.7	1.9	T		501.6	267.6	ML 3.4
FUR	e Sg	N 22:31:43.0	1.2	T		547.3	249.6	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/15	14:48:23.6	+/- 0.53	47.596N	8.197E	9.7	5.2	90	2	+/- 0.0	8	4	273	2.0ML		LDG	L

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z 14:48:39.4	1.9		2.0	82.3	6.9	
	e Sg	N 14:48:50.9	3.8					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/16	14:01:06.9	+/- 0.12	48.174N	7.650E	2.2	1.7	60	2	+/- 0.0	6	3	134	2.1ML		LDG	L

Breisach/Upper Rhine Graben, W of Freiburg

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z 14:01:15.7	-0.2		1.7	53.2	70.7	
	e Sg	N 14:01:21.9	-0.2					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/16	14:51:56.7	+/- 0.70	51.510N	6.820E	8.9	4.4	105	1G		7	4	202	2.1ML		SZGRF	I
2002/08/16	14:51:56.1	+/- 1.14	51.530N	6.830E				1G		11	7	309	2.2ML		BNS	I
2002/08/16	14:51:54.6		51.535N	6.809E				1G					1.7ML		BUG	I

Duisburg, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg	- Z 14:52:01.3	1.0	TA		33.6	107.9	ML 1.7
	e Sg	E 14:52:06.2	2.0					
BNS	e Pg	Z 14:52:07.6	1.4			68.5	157.9	
	e Sg	N 14:52:16.2	2.0					
HOB	e Pg	Z 14:52:07.8	1.1			71.3	149.0	
	e Sg	E 14:52:17.1	2.1					
KLL	e Pg	Z 14:52:13.7	1.3			104.6	199.6	
	e Sg	N 14:52:27.1	2.7					
STB	e Pg	Z 14:52:13.9	1.6			104.6	178.8	
	e Sg	N 14:52:26.6	2.1					

IBBN	e	Pg	Z	14:52:13.9	1.0			107.7	36.7	ML	2.3						
	e	Sg	E	14:52:28.6	3.2												
HIL	e	Sg	E	14:52:36.7	2.6			138.4	183.8								
KOE	e	Sg	N	14:52:36.5	2.1			139.3	152.0								
BGG	e	Sg	E	14:52:39.3	1.2			152.2	165.7								
TNS	e	Pg	Z	14:52:26.8	0.7			185.7	141.1	ML	2.2						
	e	Sg	E	14:52:49.2	1.5												
WLF	e	Sg	E	14:52:57.0	1.5			213.0	192.8	ML	2.2						

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/16	16:17:55.0	+-	0.68	51.490N	16.270E	7.8	6.7	30	1G		12	8	269	3.3ML		SZGRF	I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pn	Z 16:18:23.3	-0.2	T		176.1	248.0	ML 3.1
	e Sg	N 16:18:44.7	-0.6	T				
RUE	e Pn	Z 16:18:27.0	0.3	T		202.7	303.7	ML 3.4
	e Sg	E 16:18:53.7	0.7	T				
CLL	e Pn	Z 16:18:29.7	-0.0	T		227.5	266.2	ML 3.2
	e Sg	N 16:18:59.9	-0.1	T				
MOX	e Pn	Z 16:18:44.1	0.8	T		338.5	255.7	ML 3.5
	e Sg	N 16:19:32.5	0.8	T				
GEC2	e Pn	Z 16:18:46.3	2.1	T		346.3	212.9	
WET	e Pn	Z 16:18:46.3	1.0	T		354.9	224.0	
GRA1	e Pn	Z 16:18:53.4	1.6	T		408.5	242.7	
TNS	e Pn	Z 16:19:12.4	1.4	T		566.6	258.7	

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/17	05:15:19.1	+-	0.43	50.417N	7.314E	7.0	3.2	41	2	+-0.0	13	7	266	2.4ML		LDG	L
2002/08/17	05:15:20.3	+-	0.39	50.380N	7.360E	5.6	4.4	97	10G		7	4	129	1.6ML	BUG	BGR	L
2002/08/17	05:15:20.5			50.396N	7.366E				3					1.4ML		BNS	I

Koblenz/Middle Rhine Area

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
TNS	e Pg	Z 05:15:33.9	-0.0		4.3	79.2	103.7	ML 1.4
	e Sg	E 05:15:44.1	1.0					
BUG	e Pg	Z 05:15:40.2	-0.0		1.5	116.3	356.7	ML 1.6
	e Sg	N 05:15:53.8	0.0					
WLF	e Pg	Z 05:15:40.4	-0.2		3.2	118.9	227.3	ML 1.7
	e Sg	E 05:15:54.5	-0.0					
BFO	e Sg	E 05:16:27.1	-2.0			240.1	162.7	

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/20	00:57:43.8	+-	0.79	51.530N	6.630E	10.0	4.4	107	1G		7	4	211	2.0ML		SZGRF	I

Moers

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg	Z 00:57:50.3	-1.2	T		45.4	102.4	ML 1.9
	e Sg	N 00:57:57.6	0.8	T				

IBBN	e	Pg	Z	00:58:02.5	-1.0	T	115.9	41.4	ML	2.1
	e	Sg	E	00:58:17.5	0.6	T				
TNS	e	Pg	Z	00:58:14.8	-1.8	T	193.4	138.0	ML	1.9
	e	Sg	N	00:58:38.9	-0.2	T				
WLF	e	Sg	N	00:58:44.3	0.4	T	210.1	189.4		

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/20	13:50:39.4	+/- 0.30	47.607N	8.154E	5.8	4.4	60	2	+/- 0.0	7	4	64	2.3ML		LDG	I
<b>2002/08/20</b>	<b>13:50:37.2</b>		<b>47.500N</b>	<b>8.200E</b>				<b>0</b>					<b>1.9ML</b>		<b>SED</b>	

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z 13:50:54.7	1.8		5.0	92.8	5.9	
	e Sg	E 13:51:05.3	1.6					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/20	21:11:39.1	+/- 0.08	47.430N	5.967E	1.7	1.2	126	16G		16	8	117	2.0ML		LDG	I

NE of Gray, SW of Vesoul/F

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e (Sg)	N 21:12:37.4	0.2			202.6	59.5	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/21	22:12:32.2	+/- 0.42	51.610N	7.760E	7.8	4.4	93	1G		7	4	162	2.1ML	TNS	BGR	I
<b>2002/08/21</b>	<b>22:12:30.0</b>		<b>51.647N</b>	<b>7.751E</b>				<b>1G</b>					<b>2.0ML</b>		<b>BUG</b>	<b>I</b>

Hamm/Westfalen, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg -	Z 22:12:37.8	0.9	TA		40.5	235.6	ML 2.0
	e Sg	E 22:12:43.5	2.0					
IBBN	e Pg	Z 22:12:45.1	2.6		2.6	73.4	0.3	ML 2.3
	e Sg	E 22:12:54.3	3.4					
TNS	e Pg	Z 22:12:58.9	0.8		4.2	165.8	162.6	ML 2.1
	e Sg	E 22:13:17.7	0.4					
WLF	e Pg	Z 22:13:12.1	0.2		2.0	247.6	207.7	ML 2.3
MOX	e Pg	22:13:15.4	-4.0			291.7	111.0	
	e Sg	22:13:55.2	1.9					
CLL	i Pg	22:13:33.1	1.1			365.5	93.9	
	i Sg	22:14:22.2	7.8					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/22	03:21:56.8		47.499N	14.761E				10					3.1ML		NEIC	
2002/08/22	03:22:00.2	+/- 0.93	47.692N	14.540E	21.3	12.6	21	10G		26	14	321	3.1ML		LDG	L
2002/08/22	03:21:53.7	+/- 1.31	47.500N	14.770E	13.3	7.8	143	5G		13	9	292	3.1ML	GRFO	BGR	L
<b>2002/08/22</b>	<b>03:21:56.8</b>	<b>+/- 0.25</b>	<b>47.480N</b>	<b>14.700E</b>	<b>4.4</b>	<b>3.3</b>	<b>48</b>	<b>10G</b>		<b>22</b>	<b>11</b>	<b>3</b>	<b>2.8ML</b>		<b>SZGRF</b>	<b>L</b>

Radmer Hochkogel/A, Eisenerzer Alps



Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
MOA	e Pg Z	03:22:04.8	-1.0	T		52.4	321.8	ML 2.3
	e Sg N	03:22:12.6	0.6	T				
ARSA	e Pn N	03:22:14.9	4.0	T		67.0	112.1	
	e Pg Z	03:22:07.9	-0.4	T				
	e Sg Z	03:22:16.1	-0.0	T				
KBA	e Pg Z	03:22:14.6	-1.2	T		111.6	246.9	ML 2.3
	e Sg E	03:22:27.7	-1.1	T				
GEC2	e Pn Z	03:22:23.7	0.4	T		168.9	334.4	ML 2.8
	e Sg N	03:22:44.7	-0.4	T				
WET	e Pn Z	03:22:31.6	1.0	T		228.9	324.6	ML 2.6
	e Sg E	03:23:01.4	-0.8	T				
FUR	e Sg N	03:23:12.4	-0.6	T		266.7	287.8	ML 3.2
GRFO	e Pg Z	03:22:54.7	-2.2		3.8	354.8	315.1	ML 3.1
	e Sg N	03:23:35.4	-2.8					
GRA1	e Pg Z	03:22:55.9	-1.0	T		354.8	315.2	ML 3.3
	e Sg N	03:23:39.3	1.1	T				
DAVA	e Pn Z	03:22:49.7	2.7	T		363.4	268.4	
BRG	e Pg Z	03:23:00.3	-1.1	T		381.3	352.0	ML 3.0
	e Sg E	03:23:44.4	-1.4	T				
MOX	e Pn Z	03:22:55.2	1.6	T		417.4	328.6	ML 3.0
	e Sg E	03:23:55.5	-0.6	T				
CLL	i Pn	03:22:59.4	2.7			442.9	344.5	ML 3.3
	i Pg	03:23:11.7	-0.2					
	e Sg N	03:23:59.5	-3.9					
BFO	e Sg E	03:24:13.3	-1.8			484.0	283.6	ML 3.2
TNS	e Sg N	03:24:32.5	-1.3			549.5	306.0	ML 3.3

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/23	16:17:05.8	+-	0.71	51.500N	6.800E	8.9	4.4	106	1G		7	4	3	2.0ML		SZGRF	I
2002/08/23	16:17:04.6	+-	0.75	51.520N	6.770E	10.0	4.4	111	1G		6	4	205	1.8ML	WLF	BGR	I
2002/08/23	16:17:04.0			51.532N	6.811E				1G					1.5ML		BUG	I

Duisburg, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg - Z	16:17:10.7	1.1	TA		33.3	107.7	ML 1.5
	e Sg E	16:17:14.9	1.4		3.8			
IBBN	e Pg Z	16:17:22.8	0.5		2.7	107.8	36.6	ML 2.2
	e Sg E	16:17:36.7	1.9		3.3			
TNS	e Pg Z	16:17:36.0	0.6		4.0	185.4	141.1	ML 2.0
	e Sg E	16:17:58.1	1.2					
WLF	e Sg N	16:18:05.2	0.4		3.8	212.8	192.9	ML 1.8

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/23	17:47:05.9	+-	0.60	51.500N	6.810E	7.8	4.4	112	1G		8	4	202	2.0ML	WLF	BGR	I
2002/08/23	17:47:04.6			51.532N	6.810E				1G					1.7ML		BUG	I

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Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg - Z	17:47:11.3	1.0	TA		33.4	107.5	ML 1.7
	e Sg N	17:47:16.1	2.0		3.0			

IBBN	e	Pg	Z	17:47:24.1	1.2			4.8	107.9	36.6	ML	2.4
	e	Sg	N	17:47:38.0	2.6			2.3				
TNS	e	Pg	Z	17:47:36.6	0.5			4.2	185.4	141.1	ML	2.2
	e	Sg	N	17:47:57.5	-0.0			4.5				
WLF	e	Pg	Z	17:47:42.0	1.4			2.1	212.8	192.9	ML	2.0
	e	Sg	Z	17:48:05.8	0.4			3.3				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/24	20:48:43.6	+- 0.07	49.149N	6.800E	1.4	1.3	112	1G		32	15	69	2.6ML		LDG	I?
2002/08/24	20:48:44.7	+- 0.55	49.130N	6.820E	8.9	4.4	45	1G		6	3	192	1.8ML		SZGRF	I
<b>2002/08/24</b>	<b>20:48:43.9</b>	<b>+- 0.54</b>	<b>49.130N</b>	<b>6.870E</b>	<b>6.7</b>	<b>4.4</b>	<b>45</b>	<b>1G</b>		<b>7</b>	<b>3</b>	<b>189</b>	<b>1.6ML</b>	<b>BFO</b>	<b>BGR</b>	<b>I</b>

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WLF	e Pg	Z 20:48:57.3	0.1	T	10.5	78.9	319.1	ML 1.6
	e Sg	N 20:49:06.4	-0.1	T	2.7			
BFO	e Pg	Z 20:49:07.9	0.4	T	10.9	139.2	129.2	ML 1.6
	e Sg	N 20:49:23.5	-0.2	T	2.6			
TNS	e Pg	Z 20:49:12.3	0.2	T	4.2	166.2	42.5	ML 2.0
	e Sn	N 20:49:30.3	-0.1	T				
	e Sg	N 20:49:31.5	0.1	T	3.0			

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/26	19:50:47.9	+- 0.72	51.530N	16.200E	8.9	7.8	135	1G		11	7	276	3.5ML		SZGRF	I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pn	Z 19:51:16.7	0.7	T		173.4	246.0	ML 3.2
	e Sg	N 19:51:37.2	-0.2	T				
RUE	e Pn	Z 19:51:18.6	-0.1	T		196.2	303.4	ML 3.4
	e Sg	N 19:51:44.7	0.8	T				
CLL	e Pn	Z 19:51:21.6	-0.4	T		223.1	264.9	ML 3.3
	e Sg	N 19:51:51.7	0.1	T				
MOX	e Pn	Z 19:51:37.7	2.0	T		334.9	254.7	ML 3.5
	e Sg	N 19:52:24.1	0.6	T				
WET	e Pn	Z 19:51:39.3	1.2	T		354.8	222.9	ML 3.5
BSEG	e Pn	Z 19:51:54.0	0.9	T		477.7	306.3	
TNS	e Pn	Z 19:52:05.6	2.2	T		562.7	258.1	ML 3.9

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/27	11:11:57.7	+- 0.94	50.090N	17.520E	18.9	13.3	15	1G		9	5	319	3.1ML		SZGRF	I

POLAND

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Pn	Z 11:12:35.3	-1.9	T		267.6	290.4	ML 2.8
	e Sg	N 11:13:13.6	-0.5	T				
CLL	e Pn	Z 11:12:49.5	2.8	T		345.7	294.8	ML 3.2
	e Sg	N 11:13:36.3	-0.1	T				
WET	e Pn	Z 11:12:48.6	1.2	T		350.5	254.3	ML 3.3

MOX e Sg N 11:13:37.4 -0.4 T  
423.2 280.6 ML 3.2

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/27	21:19:09.3	+ - 0.31	51.549N	6.587E	6.1	3.6	75	1G		25	13	292	2.8ML		LDG	I?
2002/08/27	21:19:07.6	+ - 1.62	51.470N	6.770E	17.8	6.7	138	1G		5	3	262	2.0ML	WLF	BGR	I
<b>2002/08/27</b>	<b>21:19:06.2</b>		<b>51.527N</b>	<b>6.791E</b>				<b>1G</b>					<b>1.8ML</b>		<b>BUG</b>	<b>I</b>

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Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg + Z	21:19:13.1	1.1	TA		34.4	105.9	ML 1.8
	e Sg E	21:19:18.0	2.0		3.4			
TNS	e Pg Z	21:19:38.3	0.6		5.2	185.8	140.6	ML 2.3
	e Sg Z	21:19:59.3	-0.0		3.2			
WLF	e Sg E	21:20:06.5	-0.2		6.6	211.9	192.5	ML 2.0
MOX	e Pn	21:19:57.3	1.4			350.9	104.3	
	e Sg	21:20:48.1	1.7					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/27	21:57:12.3	+ - 0.35	51.503N	6.223E	6.5	5.5	77	1G		20	10	293	2.6ML		LDG	I?
2002/08/27	21:57:09.8	+ - 1.05	51.410N	6.890E	12.2	4.4	142	1G		7	4	247	2.1ML	TNS	BGR	I
<b>2002/08/27</b>	<b>21:57:06.9</b>		<b>51.526N</b>	<b>6.808E</b>				<b>1G</b>					<b>1.6ML</b>		<b>BUG</b>	<b>I</b>

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Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg - Z	21:57:13.6	1.1	TA		33.3	106.4	ML 1.6
	e Sg E	21:57:18.1	1.7					
TNS	e Pg Z	21:57:38.8	0.6		4.6	185.0	140.9	ML 2.1
	e Sg N	21:57:58.6	-1.1					
WLF	e Pg Z	21:57:44.3	1.4		1.9	212.1	192.9	ML 2.1
	e Sg E	21:58:07.2	-0.3					
MOX	e Sg N	21:58:47.5	0.7			349.7	104.4	ML 2.4

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/28	03:17:23.6	+ - 1.50	51.460N	6.850E	17.8	6.7	138	1G		5	3	3	1.8ML		SZGRF	I
2002/08/28	03:17:22.6	+ - 1.65	51.480N	6.820E	20.0	7.8	140	1G		5	3	264	2.0ML	TNS	BGR	I
<b>2002/08/28</b>	<b>03:17:20.9</b>		<b>51.528N</b>	<b>6.806E</b>				<b>1G</b>					<b>1.5ML</b>		<b>BUG</b>	<b>I</b>

Duisburg, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg - Z	03:17:27.6	1.0	TA		33.6	106.7	ML 1.5
	e Sg N	03:17:32.6	2.1		4.5			
TNS	e Pg Z	03:17:52.8	0.5		2.3	185.3	140.9	ML 2.0
	e Sg Z	03:18:13.8	-0.0		3.4			
WLF	e Sg N	03:18:22.4	0.8		3.6	212.3	192.8	ML 1.8

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

2002/08/29 02:37:56.5 +- 0.07 47.059N 5.810E 2.0 1.1 143 2 +- 0.0 17 7 119 2.1ML LDG L

Quingey, SW of Besancon/F

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/30	13:54:41.2	+- 0.72	51.480N	6.780E	10.0	5.6	106	1G		7	4	203	2.2ML	TNS	BGR	I
<b>2002/08/30</b>	<b>13:54:40.5</b>		<b>51.525N</b>	<b>6.811E</b>				<b>1G</b>					<b>1.6ML</b>		<b>BUG</b>	<b>I</b>

Duisburg, Ruhr Coal Mining District

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	i Pg - Z	13:54:47.1	1.0	TA		33.1	106.2	ML 1.6
	e Sg E	13:54:51.9	2.0					
IBBN	e Pg Z	13:54:59.4	0.5		1.8	108.5	36.3	ML 2.3
	e Sg N	13:55:14.4	2.9					
TNS	e Pg Z	13:55:12.7	0.9		2.5	184.8	141.0	ML 2.2
	e Sg N	13:55:32.3	-1.0					
WLF	e Sg N	13:55:40.8	-0.3			212.0	192.9	ML 2.0

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/31	00:34:28.6	+- 0.13	50.422N	7.264E	2.7	2.1	71	10G		10	5	84	2.3ML		LDG	L
2002/08/31	00:34:28.6	+- 0.36	50.440N	7.330E	5.6	3.3	92	10G		8	5	133	1.9ML	BUG	BGR	L
<b>2002/08/31</b>	<b>00:34:28.9</b>		<b>50.457N</b>	<b>7.327E</b>				<b>10</b>					<b>1.7ML</b>		<b>BNS</b>	<b>I</b>

Ahrweiler, S of Bonn

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
TNS	e Pg Z	00:34:43.8	0.6		7.9	83.7	107.7	ML 1.5
	e Sg N	00:34:52.4	-0.6					
BUG	e Pg Z	00:34:47.7	0.2		1.2	109.4	357.9	ML 1.9
	e Sg E	00:35:00.7	0.4					
WLF	e Pg Z	00:34:48.9	-0.7		2.1	121.6	224.0	ML 1.7
	e Sg E	00:35:03.6	-0.2					
IBBN	e Sg N	00:35:27.7	-0.7			207.9	8.1	
BFO	e Sg N	00:35:38.0	-1.6			247.4	162.6	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/31	01:26:08.1	+- 0.15	47.262N	9.692E	3.0	2.2	145	2	+- 0.0	16	6	183	2.3ML		LDG	L
2002/08/31	01:26:07.1		47.300N	9.700E				3					2.1ML		SED	
<b>2002/08/31</b>	<b>01:26:09.0</b>	<b>+- 0.83</b>	<b>47.340N</b>	<b>9.620E</b>	<b>10.0</b>	<b>5.6</b>	<b>8</b>	<b>10G</b>		<b>10</b>	<b>6</b>	<b>259</b>	<b>2.2ML</b>	<b>FUR</b>	<b>BGR</b>	<b>L</b>

Feldkirch/A, Swiss-Liechtenstein-Austrian border region

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg Z	01:26:34.3	0.5	T	4.1	146.3	319.3	ML 1.7
	e Sg E	01:26:50.7	-0.2	T				
FUR	e Pg Z	01:26:34.6	-0.5	T	2.0	153.9	52.9	ML 2.2
	e Sg N	01:26:52.3	-0.7	T				
SCE	i Pg +	01:26:34.9	-1.5			161.5	101.2	
GRFO	e Sg E	01:27:31.5	0.5	T		286.7	23.7	
WET	e Pn Z	01:26:52.5	-0.6	T	4.8	313.7	49.1	ML 2.3

	e	Sn	N	01:27:24.7	-0.2	T											
GEC2	e	Pn	Z	01:26:56.7	-0.4	T	2.1	346.2	59.6	ML	2.4						
	e	Sn	E	01:27:33.3	1.5	T											
MOX	e	Sg	E	01:28:01.7	-0.3	T		395.2	20.9								

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/31	01:34:05.7	+ - 0.11	50.423N	7.290E	2.1	1.6	92	10G		7	5	86	2.3ML		LDG	L
2002/08/31	01:34:06.6	+ - 0.50	50.430N	7.350E	6.7	5.6	93	10G		5	4	131	1.9ML	BUG	BGR	L
<b>2002/08/31</b>	<b>01:34:06.0</b>		<b>50.459N</b>	<b>7.314E</b>				<b>10</b>					<b>1.6ML</b>		<b>BNS</b>	<b>I</b>

Ahrweiler, S of Bonn

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
TNS	e Pg Z	01:34:21.3	0.8		1.6	84.6	107.7	ML 1.5
	e Sg N	01:34:29.7	-0.6					
BUG	e Sg E	01:34:38.5	1.2			109.2	358.4	ML 1.9
WLF	e Sg E	01:34:41.4	0.6			121.1	223.6	ML 1.7
BFO	e Sg N	01:35:16.0	-0.9			247.9	162.4	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/31	06:53:54.8	+ - 0.53	48.444N	9.361E	7.8	4.8	88	2	+ - 0.0	5	3	248	2.3ML		LDG	L

Urach/Swabian Jura

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg Z	06:54:08.5	0.6		6.4	77.2	260.9	
	e Sg N	06:54:18.3	1.4					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
2002/08/31	21:28:34.3	+ - 0.12	50.805N	5.967E	2.3	1.2	167	6G		47	18	189	3.2ML		LDG	L
2002/08/31	21:28:33.8	+ - 0.50	50.860N	5.940E	5.0	4.0	106	4	+ - 2.0	16	7	311	2.3ML		LER	L
2002/08/31	21:28:34.5	+ - 0.65	50.850N	6.120E	7.8	3.3	111	10G		13	7	215	2.7ML	BUG	BGR	L
<b>2002/08/31</b>	<b>21:28:33.8</b>		<b>50.844N</b>	<b>5.957E</b>				<b>6</b>					<b>2.3ML</b>		<b>BNS</b>	<b>I</b>

Maastricht, Heerlen/NL, Dutch-German border region

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BLI	i Pg -	21:28:46.4	0.3			71.9	160.9	ML 2.3
	e Sn	21:28:58.9	-0.6					
	Sg	21:28:54.9	0.5					
BUG	e Pg Z	21:28:51.8	-1.1		15.8	113.0	53.6	ML 2.7
	e Sg N	21:29:05.6	-0.5					
FSH	i Pg -	21:28:54.1	0.2			118.0	135.9	ML 2.6
	Sn	21:29:09.4	0.2					
WLF	e Pg Z	21:28:56.3	0.1		21.5	131.9	173.9	ML 2.5
	e Sg E	21:29:11.7	0.2					
RIVT	i Pn -	21:28:56.9	-0.2			138.7	155.2	ML 2.3
	e Sg	21:29:13.8	0.4					
FACH	i Pn -	21:28:58.5	-0.4			153.6	109.9	ML 2.3
	e Sn	21:29:16.8	0.1					
DUP	e Sn	21:29:20.7	0.5			169.9	159.3	ML 2.3
	Sg	21:29:23.0	0.6					

TNS	e	Pn	Z	21:29:02.9	-0.3	1.9	189.1	110.5	ML	2.3
	e	Pg	Z	21:29:05.1	-0.8	4.3				
	e	Sg	E	21:29:25.7	-2.1					
IMS	e	Pn		21:29:04.1	-0.0		196.1	134.4	ML	2.2
		Sn		21:29:25.2	-0.5					
	e	Sg		21:29:31.5	1.6					
IBBN	e	Sg	E	21:29:30.1	-2.2		204.8	36.7	ML	2.7
PEB	i	Pn	+	21:29:08.4	-0.4		234.3	146.8	ML	2.5
		Sn		21:29:34.1	0.3					
BFO	e	Pn	Z	21:29:20.7	0.6	2.2	327.7	147.6	ML	2.5
	e	Sn	N	21:29:52.2	-1.3					
	e	Sg	N	21:30:07.0	-0.4					
MOX	e	Sg	N	21:30:24.7	-3.0		398.7	91.0		
CLL	e	Sg	N	21:30:53.0	-2.2		494.7	81.3		

#### Unassociated arrivals

Sta	Phase	Date	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e Sg	2002/08/01	19:12:48.7						
BRG	e Sg	2002/08/01	20:21:28.6						
BRG	e Sg	2002/08/02	10:03:52.3						
OGA	i Pg +	2002/08/02	16:12:48.8						
OGA	i Sg	2002/08/02	16:12:53.0						
BRG	e Sg	2002/08/02	22:15:18.5						
CLL	e Sg	2002/08/03	00:22:20.0						
BRG	e Sg	2002/08/03	03:18:30.7						
BRG	e Sg	2002/08/03	06:40:04.5						
BRG	e Sg	2002/08/03	12:05:42.5						
BRG	e Sg	2002/08/03	13:35:24.7						
BRG	e Sg	2002/08/04	17:33:36.0						
BRG	e Sg	2002/08/05	07:54:01.6						
BFO	e (Pg)	2002/08/05	10:46:52.0						
TNS	e Pg	2002/08/05	10:47:14.3						
BRG	e Sg	2002/08/05	14:11:09.9						
BRG	e Sg	2002/08/05	19:08:25.6						
BRG	e Sg	2002/08/05	22:46:46.6						
BRG	e Sg	2002/08/06	04:44:51.2						
BRG	e Sg	2002/08/07	00:12:44.8						

BRG	e	Sg	2002/08/07	03:54:56.6
BRG	e	Sg	2002/08/08	18:28:25.3
BRG	e	Sg	2002/08/08	19:12:19.8
MOX	e	Pg	2002/08/08	22:12:38.4
MOX	e	Sg	2002/08/08	22:12:52.0
BRG	e	Sg	2002/08/09	10:45:51.0
BRG	e	Sg	2002/08/09	19:12:00.7
BRG	e	Sg	2002/08/09	21:14:35.2
BRG	e	Sg	2002/08/10	03:03:23.1
OGA	i	Pg +	2002/08/11	13:39:24.3
OGA	e	Sg	2002/08/11	13:39:29.8
BRG	e	Sg	2002/08/12	09:56:58.9
CLL	e	Sg	2002/08/14	01:53:46.0
BRG	e	Pg	2002/08/14	16:38:22.2
BRG	e	Sg	2002/08/15	00:35:37.8
BRG	e	Sg	2002/08/15	03:20:38.0
BRG	e	Sg	2002/08/16	07:01:22.1
BRG	e	Sg	2002/08/16	17:09:06.9
BRG	e	Sg	2002/08/17	15:06:48.1
BRG	e	Sg	2002/08/17	22:08:08.5
BRG	e	Sg	2002/08/18	20:09:25.8
BRG	e	Sg	2002/08/20	02:12:07.4
BRG	e	Sg	2002/08/20	22:00:16.4
BRG	e	Sg	2002/08/21	03:39:30.3
BRG	e	Sg	2002/08/21	04:05:28.0
BRG	e	Sg	2002/08/21	16:28:21.9
BRG	e	Sg	2002/08/22	00:33:51.4
MOX	e	Sg	2002/08/24	19:31:37.9
BRG	e	Sg	2002/08/25	04:49:02.6
BRG	e	Sg	2002/08/25	09:39:01.7

BRG	e	Sg	2002/08/25 18:42:06.8	
BRG	e	Sg	2002/08/25 20:17:37.6	
BRG	e	Sg	2002/08/26 06:51:35.2	
CLL	e	Sg	2002/08/26 20:57:04.0	
CLL	e	Sg	2002/08/27 10:24:50.0	
SCE	e	Pg	2002/08/27 18:06:48.1	ML 2.0
CLL	e	Sg	2002/08/28 14:33:26.0	
CLL	i	Sg	2002/08/29 17:16:41.4	
BRG	i	Sg	2002/08/30 00:40:34.8	
BRG	i	Sg	2002/08/30 00:52:48.2	
WET	i	Pg -	2002/08/30 16:06:51.8	
WET	i	Sg	2002/08/30 16:07:12.3	ML 1.8
BRG	i	Sg	2002/08/30 23:23:43.0	
BRG	i	Sg	2002/08/31 02:40:55.9	