

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/01	05:31:49.8	+ - 1.02	49.130N	6.800E	14.5	7.8	68	1G		4	3	222	2.0ML	TNS	BGR	I
1999/06/01	05:31:50.4	+ - 9.30	49.150N	6.850E	77.0	40.0	17	1G		11	8	202	2.0ML		LED	I

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
RUP	i Pg -	05:32:01.5	0.4	T		63.2	13.8	
LANF	Pg	05:32:04.1	1.4	T		72.1	104.8	
WLS	i Pg +	05:32:05.8	0.2	T		89.9	155.6	
KTD	Pg	05:32:07.1	1.2			91.5	77.6	
ABH	Pg	05:32:06.2	-0.4	T		95.7	31.5	
	PmP	05:32:08.3	-1.1	T				
	Sg	05:32:21.0	3.2	T				
BFO	e Sg E	05:32:31.0	0.1			141.7	129.5	ML 1.6
MOF	Pg	05:32:15.6	0.4	T		145.9	171.7	
	Sg	05:32:34.1	2.0	T				
TOD	Sg	05:32:33.3	-0.1	T		150.2	69.6	
LBG	Sg	05:32:34.9	1.1	T		152.0	110.0	ML 2.0
KIZ	Sg	05:32:34.8	0.3	T		154.3	149.0	ML 1.9
TNS	e Pg Z	05:32:18.6	0.2			165.6	43.3	ML 2.0
	e Sg N	05:32:38.4	0.7					
GSH	e (Pn) Z	05:32:18.9	-0.4			179.7	349.3	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/02	22:35:39.1	+ - 0.72	51.650N	7.860E	10.0	5.6	163	1G		6	4	201	2.2ML	BUG	BGR	I

Hamm/Westfalen

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg Z	22:35:47.0	-0.1	T		47.0	240.5	ML 2.2
GSH	e Pg Z	22:36:03.6	-0.1	T		144.9	226.1	
	e Sg E	22:36:20.6	0.1	T				
TNS	e (Pg) Z	22:36:07.3	0.4	T		164.0	165.2	ML 2.0
	e Sg E	22:36:25.8	-0.1	T				
CLZ	e (Pg) Z	22:36:08.7	0.1	T		174.3	82.0	ML 2.1

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/03	04:45:11.6		48.300N	9.000E				2					2.4ML		LDG	
1999/06/03	04:45:12.6		48.200N	9.000E				10					2.0ML		SED	
1999/06/03	04:45:11.2	+ - 0.65	48.330N	9.050E	10.0	5.6	17	10G		6	4	174	1.3ML	BFO	BGR	L
1999/06/03	04:45:11.3	+ - 0.10	48.300N	9.030E	3.0	2.0	115	10	+ - 2.0	28	18	88	2.0ML		LED	L

Ebingen/Swabian Jura

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
GUT	i Pg -	04:45:16.2	0.1	T		26.3	166.0	ML 2.0
	e Sg	04:45:19.7	0.4	T				
SPAK	i Pg +	04:45:16.7	0.3	T		28.5	219.5	
	i Sg	04:45:20.7	0.8	T				
BEU	i Pg +	04:45:18.5	-0.2	T		42.5	41.9	ML 1.5
	i Sg	04:45:23.5	-0.2	T				
LBG	i Pg -	04:45:18.7	-0.3	T		44.2	337.0	ML 1.9
	PmP	04:45:20.6	-2.0					

BFO	e	Sg	Z	04:45:23.9	-0.4	T	2.3	51.9	274.0	ML	1.3
SLE	i	Pg	+	04:45:23.7	0.1	T		71.5	214.1		
	i	PmP-		04:45:25.2	-0.9	T					
FELD	e	Pn	+	04:45:26.7	-1.5	T		89.6	238.7		
KIZ	i	Pn	+	04:45:26.7	-1.6	T		90.9	245.6	ML	2.0
	i	Pg	-	04:45:27.5	0.7	T					
UBR	e	Pn	-	04:45:29.7	-0.4	T		105.7	130.2	ML	1.9
	i	Pg	+	04:45:30.3	1.0	T					
		Sn		04:45:42.2	-1.0						
LANF		Pg		04:45:31.6	0.3	T		117.6	310.5		
SIND	i	Pn	-	04:45:31.9	-0.4	T		124.0	19.7	ML	2.3
	i	Pg	-	04:45:32.2	-0.1	T					
WLS		Pg		04:45:32.7	0.3	T		124.5	276.4		
		Sg		04:45:47.3	0.3	T					
ECH		Sg		04:45:51.2	0.1	T		138.9	266.8		
TOD	e	Pg	+	04:45:36.1	-0.1	T		146.1	353.6		
		Sg		04:45:52.6	-0.5	T					
BBS		Pg		04:45:36.6	0.4	T		146.6	231.2		
MOF		Sg		04:45:55.0	0.9	T		149.5	251.2		
FUR	e	Pg		04:45:40.0	0.3			167.0	94.4		
	e	Sg	N	04:45:59.7	0.6						
LOMF		Pg		04:45:44.6	0.1	T		195.4	238.1		
ABH		Pg		04:45:46.1	-0.2	T		206.3	329.0		
RUP		Pg		04:45:47.3	0.0	T		212.0	318.1		
TNS	e (Pg)	Z		04:45:47.8	-0.5		1.3	217.9	349.0		
	e	Sg	E	04:46:13.2	-0.4						
WET	e (Pg)	Z		04:46:00.9	-0.9		2.3	297.4	70.2		
	e	Sg	E	04:46:35.2	-1.1						

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/03	06:55:37.0	+/- 0.77	49.080N	6.910E	12.2	7.8	71	1G		5	3	220	2.3ML	TNS	BGR	I
1999/06/03	06:55:37.1	+/- 1.40	49.160N	6.850E	16.0	9.0	100	1G		22	17	193	2.4ML		LED	I

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
RUP	Pg	06:55:47.9	0.3	T		62.1	14.0	
LANF	Pg	06:55:49.4	0.0	T		72.4	105.6	
WLS	Pg	06:55:53.0	0.5	T		90.9	155.9	
KTD	Pg	06:55:51.9	-0.7			91.3	78.3	
ABH	Pg	06:55:53.1	-0.0	T		94.7	31.8	
ECH	Pg	06:55:55.2	-0.1	T		107.4	167.7	
BFO	e Pn	Z 06:56:00.2	-1.2			142.4	129.8	ML 2.1
MOF	Pg	06:56:01.4	-0.6	T		147.0	171.7	
	Sg	06:56:19.0	-0.1	T				
TOD	Pn	06:55:59.8	-2.5			149.9	70.0	
	Sg	06:56:20.0	0.1	T				
LBG	Pg	06:56:03.3	0.3	T		152.4	110.4	ML 2.5
	Sg	06:56:20.7	0.0	T				
KIZ	Pg	06:56:02.5	-0.9	T		155.2	149.2	ML 2.3
	Sg	06:56:21.5	0.0	T				
TNS	e Pn	Z 06:56:04.1	0.0			164.8	43.6	ML 2.3
	e Pg	06:56:05.5	0.5					
	e Sg	E 06:56:25.5	1.3					
FELD	e Pg	06:56:04.5	-0.7	T		166.1	148.8	

	e	Sg		06:56:24.3	-0.3	T											
GSH	e	Pn	Z	06:56:07.5	1.7				178.6	349.3			ML	2.3			
	e	Sg	N	06:56:30.7	2.6												
SPAK		Pg		06:56:08.4	-0.0	T			184.6	128.8							
BBS		Pg		06:56:10.6	0.5	T			194.7	165.3							
SLE		Pg		06:56:10.4	0.0	T			196.7	141.4							
BEU		Pg		06:56:10.8	0.1				198.2	107.9			ML	2.5			
		Sg		06:56:34.1	0.3	T											
SIND		Pg		06:56:10.3	-0.9	T			201.1	83.0			ML	2.3			
		Sg		06:56:34.3	-0.3												
LOMF		Pg		06:56:10.2	-0.9	T			201.2	180.5							
		Sg		06:56:34.0	-0.6	T											
GUT		Pg		06:56:14.4	2.5				205.9	125.2			ML	2.4			
		Sg		06:56:37.4	1.4												
UBR		Pg		06:56:27.6	1.2				291.2	123.1			ML	2.5			
		Sg		06:57:02.6	2.3	T											

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/03	12:42:30.4		47.900N	7.900E				8					2.0ML		LDG	
1999/06/03	12:42:32.1 +- 1.20		47.840N	7.840E	12.0	6.0	49	10G		7	4	256	1.7ML		LED	L

Freiburg i. Breisgau/Upper Rhine Graben

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
FELD	Sg	12:42:38.4	1.6	T		12.9	71.7	
KIZ	i Pg -	12:42:35.3	0.2	T		14.2	24.3	ML 1.8
	i PmP	12:42:38.7	-2.2	T				
	i Sg	12:42:37.4	0.4	T				
BFO	e Pg Z	12:42:42.3	-1.0		9.5	65.5	33.5	
	e Sg N	12:42:49.5	-1.5					
WLS	Sg	12:42:51.5	-1.7	T		73.2	330.6	
GUT	i Pg +	12:42:48.7	-0.2	T		98.4	74.4	ML 1.6
	Sg	12:43:00.6	0.3	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/06	03:22:57.0		47.137N	9.300E				10					2.4ML		NEIC	
1999/06/06	03:22:57.0 +- 1.01		47.180N	9.440E	8.9	4.4	12	10G		10	6	269	1.8ML	BFO	BGR	L
1999/06/06	03:22:55.2		47.200N	9.400E				1					2.1ML		SED	

Vaduz/Liechtenstein, Swiss-Liechtenstein-Austrian border reg

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
OGA	i Pg +	03:23:21.2	4.2			128.6	106.1	
BFO	e Pg Z	03:23:22.5	2.0		3.0	149.0	327.9	ML 1.8
	e Sg N	03:23:40.7	3.0					
STU	e Sg E	03:23:48.0	2.7			175.3	355.0	ML 2.1
FUR	e Sg N	03:23:47.3	1.6			176.5	52.0	ML 2.3
GRFO	e Sg E	03:24:25.8	2.6			307.8	25.2	
WET	e Pn Z	03:23:44.2	1.1		1.9	336.5	48.7	
	e Pg E	03:23:53.6	1.4		1.1			
	e Sg E	03:24:32.7	1.4					
GEC2	e Pg Z	03:23:59.8	2.2		1.4	368.4	58.7	
	e Sg E	03:24:41.5	1.1					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/06	17:51:58.0		49.150N	6.860E				1					2.8ML		NEIC	
1999/06/06	17:51:57.9		49.200N	6.900E				10					3.1ML		SED	
1999/06/06	17:51:59.2	+- 0.84	49.130N	6.790E	8.9	6.7	95	1	+- 5.5	16	8	276	3.0ML		SZGRF	I
1999/06/06	17:51:58.8	+- 0.32	49.230N	6.970E	4.4	3.3	38	1G		30	14	174	2.5ML	BFO	BGR	I
1999/06/06	17:51:58.1	+- 0.30	49.150N	6.860E	4.0	1.0	97	1G		29	20	192	2.8ML		LED	I

Saarbruecken-West

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
RUP	e Pg +	17:52:09.2	0.4	T		63.0	13.1	
	Sg	17:52:17.0	0.9	T				
LANF	e Pg -	17:52:10.4	0.2	T		71.4	104.9	
WLF	e Pg Z	17:52:11.8	0.7		41.4	76.8	318.4	ML 2.3
	e Sg E	17:52:20.5	0.4					
WLS	e Pg -	17:52:13.1	-0.2	T		89.6	156.0	
KTD	e Pg -	17:52:13.6	0.1	T		90.8	77.5	
ABH	e Pg +	17:52:14.4	0.1	T		95.3	31.1	
	Sg	17:52:26.2	0.8	T				
ECH	e Pg -	17:52:15.8	-0.3	T		106.2	168.0	
	PmP	17:52:17.1	-1.6	T				
LIBD	Pg	17:52:20.0	1.0	T		123.8	153.6	
BFO	e Pg Z	17:52:21.2	-0.8		73.4	141.1	129.7	ML 2.5
	e Sg N	17:52:39.2	0.8					
MOF	e Pg -	17:52:22.7	-0.1	T		145.8	172.0	
	Sg	17:52:40.5	0.8	T				
TOD	e Pn -	17:52:21.6	-1.7	T		149.6	69.5	
	Sg	17:52:40.8	-0.1	T				
LBG	Pg	17:52:24.1	0.4	T		151.3	110.1	ML 2.8
KIZ	Pn	17:52:22.7	-1.1	T		153.9	149.2	ML 2.6
	Pg	17:52:24.0	-0.2	T				
FELD	e Pg -	17:52:26.0	-0.1	T		164.8	148.8	
TNS	e Pn Z	17:52:24.5	-0.7			165.1	43.2	ML 2.8
	e Pg Z	17:52:26.7	0.6					
	e Sg E	17:52:43.9	-1.4					
STU	e Pn Z	17:52:25.5	-0.9		2.3	175.5	103.0	
	e Pg Z	17:52:27.7	-0.1		2.3			
GSH	e Pn Z	17:52:26.2	-0.7		4.5	179.8	349.1	ML 2.5
	e Pg Z	17:52:27.7	-0.9		4.5			
	e Sg E	17:52:47.8	-1.7					
SPAK	Pg	17:52:29.3	0.1	T		183.3	128.7	
BBS	e Pg +	17:52:30.8	-0.1	T		193.5	165.4	
SLE	Pg	17:52:31.1	-0.1	T		195.4	141.3	
BEU	Pg +	17:52:31.6	0.1	T		197.2	107.6	ML 2.8
LOMF	Pg	17:52:31.8	-0.2	T		200.1	180.7	
SIND	e Pn -	17:52:27.9	-1.6	T		200.5	82.6	ML 2.8
	Pg	17:52:31.5	-0.6	T				
GUT	e Pn -	17:52:29.2	-0.8	T		204.7	125.0	ML 2.8
	Pg	17:52:33.3	0.5	T				
BUG	e Pn Z	17:52:35.7	-0.6		1.4	256.3	6.4	ML 2.9
	e Pg Z	17:52:40.9	-0.7		1.9			
	e Sg N	17:53:10.8	-0.5					
UBR	e Pn +	17:52:41.1	0.7	T		290.0	123.1	ML 2.7
	Pg	17:52:49.2	1.9	T				
GRFO	e Pn Z	17:52:43.6	-0.6		1.1	321.0	77.6	ML 3.0
	e Pg Z	17:52:50.1	-2.4		4.9			

GRA1	e	Sg	N	17:53:27.5	-2.4													
	e	Pg	Z	17:52:53.3	0.8					321.2	77.5			ML	3.2			
	e	Sg	E	17:53:32.2	2.3													
FUR	e	Pn	Z	17:52:47.7	0.9				1.8	342.3	107.0							
	e	Pg	Z	17:52:55.2	-0.9				1.3									
MOX	e	Pg	Z	17:53:01.8	-0.5					378.9	62.2			ML	2.9			
	e	Sn	E	17:53:27.7	-1.8													
	e	Sg	E	17:53:42.5	-3.8													
CLZ	e	Pg	Z	17:53:02.2	-1.8				1.9	388.9	38.4			ML	3.0			
	e	Sg	N	17:53:44.9	-4.3													
WET	e	Pn	Z	17:52:59.4	1.0				5.9	437.6	87.8							
	e	Sg	N	17:54:01.1	-2.0													
CLL	e	Pg	Z	17:53:20.7	-1.9					498.2	58.9			ML	3.2			
	e	Sg	N	17:54:19.8	-0.7													
GEC2	e	Pn	Z	17:53:06.8	0.8				10.7	500.1	91.3			ML	3.1			
	e	Sn	N	17:53:55.8	0.7													
	e	Sg	N	17:54:19.8	-1.2													
BRG	e	Sg	N	17:54:30.1	-2.6					540.9	66.6			ML	3.3			

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/08	02:01:22.0		49.200N	6.700E				10					3.0ML		SED	
1999/06/08	02:01:24.2	+- 0.68	49.160N	6.850E	7.8	3.3	54	1G		19	11	219	3.0ML		SZGRF	I
1999/06/08	02:01:22.9	+- 0.50	49.110N	6.780E	6.7	3.3	46	1G		14	11	197	3.0ML	TNS	BGR	I
1999/06/08	02:01:23.5	+- 1.60	49.160N	6.870E	24.0	11.0	90	1G		23	17	191	3.1ML		LED	I

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
RUP	e Pg +	02:01:34.0	0.0	T		61.8	12.7	
	e Sg	02:01:42.9	1.8	T				
LANF	e Pg -	02:01:35.0	-0.6	T		71.0	106.0	
WLF	e Pg Z	02:01:35.8	-0.7		45.1	76.4	317.5	ML 2.5
	e Sg E	02:01:45.1	-0.2					
KTD	e Pg	02:01:39.0	0.3	T		89.9	78.1	
WLS	e Pg	02:01:37.0	-1.8	T		90.3	156.7	
ABH	e Pg +	02:01:39.3	-0.1	T		94.0	31.1	
	e Sg	02:01:54.6	4.3					
ECH	e Pg	02:01:39.8	-1.8	T		107.1	168.5	
BFO	e Pg Z	02:01:46.5	-1.0		37.1	141.3	130.2	ML 2.8
	e Sg N	02:02:04.4	0.5					
MOF	e Pg	02:01:47.4	-1.0	T		146.8	172.3	
	e Sg	02:02:05.0	-0.4	T				
TOD	Pg	02:01:46.4	-2.2			148.5	69.8	
	e Sg	02:02:07.5	1.6	T				
LBG	e Pn	02:01:46.9	-1.9	T		151.0	110.6	ML 3.1
	e Sg	02:02:07.9	1.2	T				
KIZ	e Pn	02:01:48.2	-1.1	T		154.5	149.7	ML 3.0
	Sn	02:02:05.0	-2.5					
	e Sg	02:02:07.2	-0.4	T				
TNS	e Pg Z	02:01:51.3	0.0			163.8	43.2	ML 3.0
	e Sg N	02:02:12.0	1.7					
FELD	e Pg +	02:01:50.0	-1.5	T		165.4	149.2	
	e Sg	02:02:10.7	-0.1	T				
STU	e Pg Z	02:01:53.8	0.6		5.2	175.0	103.4	ML 3.2
	e Sg E	02:02:13.6	0.1					
GSH	e Pg Z	02:01:52.9	-0.9		5.0	178.9	348.8	ML 2.7

	e	Sg	E	02:02:15.3	0.7														
SPAK	e	Pg	-	02:01:56.4	1.8					T	183.4	129.1							
BBS	e	Pg	-	02:01:57.7	1.3					T	194.4	165.7							
SLE	e	Pn		02:01:55.2	0.9					T	195.8	141.7							
BEU	e	Pn		02:01:56.6	2.1					T	196.9	108.0	ML	3.1					
		Pg		02:01:59.7	2.8														
	e	Sg		02:02:21.8	2.0					T									
SIND	e	Pn	+	02:01:52.6	-2.2					T	199.6	82.9	ML	3.0					
		Pg		02:01:56.7	-0.6														
		Sg		02:02:20.9	0.3														
LOMF	e	Pn	-	02:01:55.8	0.8					T	201.2	180.9							
GUT		Pn		02:01:54.9	-0.5						204.7	125.4	ML	3.1					
	e	Pg		02:02:01.6	3.5														
		Sg		02:02:24.9	2.9														
BUG	e	Pg	Z	02:02:06.1	-0.6						255.2	6.2	ML	3.0					
	e	Sg	N	02:02:38.2	1.8														
UBR	e	Pg		02:02:13.6	1.0						290.0	123.3	ML	3.0					
GRFO	e	Pg	Z	02:02:19.0	1.2			6.0			320.1	77.7	ML	3.4					
GRA1	e	Pg	Z	02:02:16.6	-1.1						320.2	77.7	ML	3.3					
	e	Sg	N	02:02:56.4	1.4														
FUR	e	Pg		02:02:24.8	3.3						341.9	107.3	ML	3.6					
	e	Sg	E	02:03:02.8	1.6														
IBBN	e	Pg	Z	02:02:24.3	0.6			1.6			355.4	9.8	ML	3.4					
MOX	e	Pg		02:02:33.8	6.3						377.7	62.3	ML	3.1					
	e	Sg	N	02:03:17.7	6.2														
CLZ	e	Sg	N	02:03:20.4	6.1						387.5	38.4	ML	3.2					
WET	e	Pn	Z	02:02:24.1	0.4			3.4			436.8	88.0	ML	3.1					
	e	Sg	Z	02:03:34.7	6.4														
BHG	i	Pn	+	02:02:31.9	4.0						471.1	107.6							
CLL	e	Sg		02:03:52.0	6.5						497.0	59.0							
GEC2	e	Pn	Z	02:02:31.8	0.5			6.0			499.4	91.4	ML	3.3					
	e	Sg	N	02:03:53.1	6.9														
BRG	e	Pg		02:03:01.6	6.6						539.8	66.7							
	e	Sg	N	02:04:00.9	3.2														

Date	Origin	Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/08	03:19:20.7	+-	1.50	51.650N	7.750E	17.8	7.8	14	1G		6	3	287	2.0ML		SZGRF	I
1999/06/08	03:19:20.3	+-	0.39	51.650N	7.730E	7.8	3.3	150	1G		10	7	127	2.0ML	GSH	BGR	I

Hamm/Westfalen

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg Z	03:19:26.5	-0.5	T	9.1	39.5	234.0	ML 2.1
	e Sg E	03:19:31.9	0.4	T				
IBBN	e Pg Z	03:19:32.9	0.2	T	2.5	73.1	1.4	ML 2.0
GSH	e Pg Z	03:19:43.4	-0.4	T	4.2	138.5	223.4	ML 2.0
	e Sg N	03:20:00.5	0.6	T				
TNS	e Pg Z	03:19:48.1	-0.5	T	4.5	166.5	162.2	ML 2.0
	e Sg N	03:20:07.6	-0.3					
CLZ	e Pg E	03:19:50.6	-0.8	T	3.7	183.1	82.3	ML 2.3
	e Sg N	03:20:13.6	1.0	T				
WLF	e Pg Z	03:20:01.7	-0.5	T	2.3	247.2	207.3	
MOX	e Pn Z	03:20:03.6	0.6	T		293.1	110.9	
	e Sg	03:20:43.8	-0.3					
BRG	e Sg	03:21:33.0	6.8			440.7	98.9	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/08	22:53:37.9	+ - 0.44	50.060N	12.130E	6.7	3.3	72	10G		10	5	179	1.5ML		SZGRF	L

Selb/Fichtelgebirge, SE of Hof, German-Czech border region

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
MOX	e Pg	Z 22:53:50.1	-0.6	T		74.6	330.9	ML 1.3
	e Sg	E 22:53:58.9	-0.6	T				
WET	e Pg	Z 22:53:57.0	-0.6	T		115.2	151.8	ML 1.4
	e Sg	N 22:54:10.5	-0.5	T				
CLL	e Pg	Z 22:54:02.8	-0.9	T		151.8	23.6	ML 1.9
	e Sg	E 22:54:21.0	-0.4	T				
BRG	e Pg	Z 22:54:03.9	-0.7	T		157.0	54.1	ML 1.7
	e Sg	E 22:54:22.8	-0.0	T				
GEC2	e Pg	Z 22:54:07.0	-0.9	T		176.5	139.3	ML 1.2
	e Sg	N 22:54:27.7	-0.8	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/10	10:04:10.7	+ - 1.46	51.570N	7.610E	18.9	7.8	14	1G		6	3	279	2.6ML		SZGRF	I
1999/06/10	10:04:11.5	+ - 1.13	51.490N	7.570E	16.7	7.8	23	1G		8	5	211	2.6ML	GSH	BGR	I

Dortmund

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg	Z 10:04:14.4	-0.7	T	22.0	21.5	255.3	ML 2.1
	e Sg	N 10:04:18.4	0.8	T				
GSH	e Pg	Z 10:04:31.0	-0.5	T	4.0	118.1	225.3	ML 2.6
	e Sg	E 10:04:47.0	1.8	T				
TNS	e Pg	Z 10:04:37.5	-0.0	T	3.7	153.8	156.1	ML 2.6
	e Sg	N 10:04:56.3	0.9	T				
WLF	e Sg	E 10:05:14.0	-2.2	T		226.3	206.8	ML 2.5
MOX	e Sg	N 10:05:36.9	0.3	T		297.8	106.8	ML 2.9

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/10	13:40:43.2		47.523N	13.377E				10					2.0ML		NEIC	
1999/06/10	13:40:39.6	+ - 2.35	47.470N	13.500E	22.2	10.0	139	10G		5	4	299	1.7ML	WET	BGR	L

Eastern Tennengau/A, Hoher Dachstein

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
WET	e Pg	N 13:41:12.2	0.0	T	1.2	191.7	346.4	ML 1.7
	e Sg	E 13:41:34.0	-0.5	T				
GRFO	e Sg	E 13:42:04.7	-0.3	T		298.5	326.7	
MOX	e Sg	E 13:42:28.8	0.9	T		378.7	339.5	
BFO	e Sg	N 13:42:33.4	0.3	T		397.0	285.8	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/12	19:53:37.7	+ - 1.08	47.700N	12.940E	10.0	5.6	160	G		9	5	269	1.9ML		SZGRF	L

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
FUR	e Pg	Z 19:53:59.5	-1.0	T		134.3	293.2	ML 2.0
	e Sg	N 19:54:16.8	0.7	T				
GEC2	e Pg	Z 19:54:00.7	-0.6	T		139.2	23.6	ML 1.5
	e Sg	N 19:54:17.8	0.3	T				
WET	e Pg	Z 19:54:02.9	-2.0	T		160.6	358.4	ML 1.8
	e Sg	E 19:54:23.5	-0.2	T				
GRC1	e Pg	Z 19:54:05.6	-2.3	T		178.2	324.5	ML 1.9
	e Sg	E 19:54:28.0	-0.6	T				
GRA1	e Sg	N 19:54:50.9	0.3	T		254.8	331.0	ML 2.1

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/14	04:55:50.5		47.671N	12.950E									2.1ML		NEIC	
1999/06/14	04:55:50.5	+ - 0.93	47.720N	12.970E	10.0	4.4	147	10G		11	7	259	1.7ML	GEC2	BGR	L

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

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BHG	i Pg	- 04:55:49.4	-3.1			6.8	271.3	
FUR	e Pg	Z 04:56:13.5	-0.0	T	1.2	135.5	291.9	ML 2.1
	e Sg	N 04:56:29.9	0.6	T				
GEC2	e Pg	Z 04:56:13.1	-0.5	T	7.8	136.3	23.1	ML 1.7
	e Sg	E 04:56:30.8	1.3	T				
WET	e Pg	Z 04:56:16.0	-1.4	T	4.2	158.5	357.6	ML 1.6
	e Sg	N 04:56:35.6	-0.2	T				
GRFO	e Sg	E 04:57:02.8	-0.3	T		254.0	330.3	ML 2.1
MOX	e Sg	E 04:57:27.9	0.4	T		339.8	343.7	ML 2.2
BFO	e Pn	Z 04:56:39.9	0.7	T	1.4	351.6	282.8	ML 2.3
	e Sg	N 04:57:31.1	0.1	T				
BRG	e Sg	E 04:57:32.8	0.1	T		357.6	11.0	ML 2.2

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/14	15:10:53.0	+ - 1.51	51.710N	7.810E	15.6	7.8	13	1G		6	3	293	2.2ML		SZGRF	I
1999/06/14	15:10:55.0	+ - 0.34	51.610N	7.780E	5.6	3.3	130	1G		9	5	116	2.1ML	GSH	BGR	I

Hamm/Westfalen

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg	Z 15:11:00.7	-1.1	T	9.1	40.0	242.1	ML 2.2
	e Sg	N 15:11:06.8	0.4	T	3.0			
IBBN	e Pg	Z 15:11:07.5	-0.6	T	4.4	77.5	358.8	ML 2.0
	e Sg	E 15:11:17.9	0.8	T	2.3			
GSH	e Pg	Z 15:11:16.8	-1.6			137.8	225.8	ML 2.1
	e Sg	N 15:11:35.0	0.6	T	2.4			
TNS	e Pg	Z 15:11:21.5	-0.8	T	5.8	161.2	162.9	ML 2.1
	e Sg	E 15:11:41.9	0.9	T	3.2			
CLZ	e Pg	Z 15:11:25.3	-0.2	T	9.5	180.4	80.8	ML 2.2
	e Sg	E 15:11:47.1	0.6	T	1.9			
MOX	e Pn	15:11:37.5	0.4			288.3	110.4	
	e Pg	15:11:44.7	0.9					
	e Sg	15:12:18.1	0.7					
BRG	e Sg	15:13:03.4	3.7			436.6	98.4	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/14	17:07:08.9	+ - 0.62	51.680N	7.760E	8.9	4.4	157	1G		8	4	211	2.0ML		SZGRF	I
1999/06/14	17:07:09.0	+ - 0.71	51.670N	7.760E	10.0	4.4	166	1G		8	4	209	2.0ML	GSH	BGR	I

Hamm/Westfalen

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg	Z	17:07:15.7	-0.5	T	4.2	42.4	233.3	ML 2.0
	e Sg	E	17:07:21.1	0.0	T	6.5			
GSH	e Pg	Z	17:07:32.7	-0.3	T	3.4	141.6	223.4	ML 2.0
	e Sg	E	17:07:49.7	0.2	T	4.7			
TNS	e Pn	Z	17:07:37.4	1.0	T	1.2	168.0	163.1	ML 1.9
	e Pg	Z	17:07:38.4	0.9	T	3.5			
CLZ	e Sg	N	17:07:56.3	-0.7	T	3.2			
	e Pg	Z	17:07:39.4	-0.2	T	3.4	180.8	82.9	ML 2.1
	e Sg	E	17:08:01.0	0.3					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/15	00:37:01.8		47.700N	11.200E				2					2.6ML		LDG	
1999/06/15	00:37:03.8	+ - 0.68	47.570N	11.240E	13.3	6.7	153	10G		16	8	241	2.2ML	WET	BGR	L

Garmisch-Partenkirchen, German-Austrian border region

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
FUR	e Pg	Z	00:37:14.0	-1.1	T	1.7	66.0	2.3	ML 2.1
	e Sg	N	00:37:23.7	0.8	T	5.5			
BHG	i Pg	+	00:37:24.7	-0.2			123.9	81.6	
WET	e Pn		00:37:39.4	3.7			212.8	34.1	ML 2.2
	e Sg	E	00:38:03.9	-0.8	T	4.2			
GEC2	e Pn	Z	00:37:39.7	1.8	T	1.2	231.0	51.2	ML 2.0
	e Sg	N	00:38:08.8	-1.1	T	2.6			
BFO	e Pg	Z	00:37:40.6	-2.7	T	5.9	232.6	292.4	ML 2.3
	e Sn	N	00:38:01.1	-1.5	T	2.7			
GRFO	e Pn	Z	00:37:36.5	-2.0	T	1.3	235.8	359.7	ML 2.5
	e Pg	Z	00:37:43.1	-0.7	T	3.6			
GRA1	e Sn	N	00:38:04.4	1.1	T	2.6			
	e Sg	N	00:38:11.3	0.1	T	3.2			
MOX	e Pn		00:37:36.6	-1.9			235.9	359.7	
	e Pg		00:37:43.1	-0.8					
BRG	e Sn		00:38:04.4	1.1					
	e Sg		00:38:11.5	0.2					
MOX	e Sn	E	00:38:26.8	0.9	T	3.4	343.0	4.4	ML 2.3
	e Sg	Z	00:38:41.1	-0.7	T	1.9			
TNS	e Sn	N	00:38:30.9	1.6	T	2.4	358.6	326.4	ML 2.6
BRG	e Sn	N	00:38:43.3	1.9	T	1.0	416.4	27.1	ML 2.6
	e Sg	Z	00:39:01.9	-1.0	T	2.3			
CLL	e Sg		00:39:07.0	-1.0			434.7	16.4	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/17	02:22:24.1		49.170N	6.830E				1					2.1ML		NEIC	
1999/06/17	02:22:25.2	+ - 0.50	49.180N	6.850E	7.8	4.4	43	1G		7	4	186	1.6ML	BFO	BGR	I
1999/06/17	02:22:24.8	+ - 1.30	49.190N	6.840E	21.0	7.0	88	1G		18	11	203	1.9ML		LED	I

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

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
RUP	e Pg -		02:22:35.2	0.4	T		59.1	15.5	
	e Sg		02:22:43.8	2.2	T				
WLF	e Pg Z		02:22:37.6	0.5		13.8	72.5	317.0	ML 1.6
	e Sg N		02:22:46.6	1.1		2.8			
LANF	e Pg		02:22:37.2	-0.2	T		74.1	108.0	
ABH	e PmP		02:22:42.0	-1.4	T		92.3	33.3	
	e SmS		02:22:55.2	-0.9	T				
WLS	e PmP		02:22:41.8	-1.8	T		94.2	156.3	
ECH	e Pg		02:22:43.5	-0.1	T		110.8	167.7	
	e Sg		02:22:57.0	0.5	T				
BFO	e Pg Z		02:22:49.4	-0.0		5.8	145.1	130.6	ML 1.6
	e Sg E		02:23:06.2	-0.1		2.2			
MOF	e Pg -		02:22:50.1	-0.2	T		150.4	171.6	
	e Sg		02:23:07.7	-0.1	T				
LBG	e Pg		02:22:51.1	0.1	T		154.2	111.5	ML 2.0
	e Sg		02:23:10.1	1.2	T				
KIZ	e Pn		02:22:50.7	-0.4	T		158.5	149.6	ML 1.8
	e Pg		02:22:52.5	0.9	T				
	e Sg		02:23:09.3	-0.8	T				
TNS	e Pg Z		02:22:52.3	-0.1		3.5	162.9	44.6	ML 2.0
	e Sg E		02:23:12.2	0.8		5.1			
FELD	e Pg		02:22:52.6	-0.9			169.3	149.2	
	e Sg		02:23:12.8	-0.4	T				
BEU	Pg		02:22:58.8	0.1			200.0	108.7	ML 1.9
	Sg		02:23:21.9	-0.0					
SIND	e Pg		02:23:02.2	3.3			201.4	83.9	ML 1.9
	e Sg		02:23:23.4	1.1	T				
GUT	e Pg +		02:23:00.5	0.4	T		208.4	125.8	ML 1.9
	e Sg		02:23:23.7	-0.6					
GEC2	e Pn Z		02:23:33.9	1.0		3.6	501.7	91.8	

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
1999/06/17 13:26:41.8 47.300N 10.600E 8.9 4.4 160 1G 8 4 197 2.2ML SED

Hochvogel, SW of Garmisch Partenkirchen, Lechtaler Alps/A

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
FUR	e Pg Z		13:27:01.5	1.2		2.1	108.4	27.5	
BFO	e Pn Z		13:27:15.5	2.8		1.4	204.6	304.9	
	e Sg N		13:27:40.2	-0.2					

Date Origin Time OT_err Lat Long Smajor Sminor Az Depth D_err Ndef Nsta Gap Mag Ref Source Ev_type
1999/06/17 23:41:19.6 +- 0.54 51.600N 7.760E 8.9 4.4 160 1G 8 4 197 2.0ML SZGRF I

Unna

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg Z		23:41:24.9	-1.3	T		38.3	242.6	ML 1.9
	e Sg E		23:41:30.8	0.2	T				
GSH	e Pg Z		23:41:41.2	-1.4	T		136.0	225.7	ML 1.9

TNS	e	Sg	E	23:41:59.2	0.7	T													
	e	Pg	Z	23:41:46.0	-0.8	T			160.6	162.3	ML	1.9							
	e	Sg	E	23:42:04.8	-0.7	T													
CLZ	e	Pg	Z	23:41:48.8	-1.7	T			181.9	80.5	ML	2.2							
	e	Sg	E	23:42:12.4	0.8	T													

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/18	00:10:10.9	+- 0.61	51.660N	7.750E	10.0	4.4	157	1G		8	4	208	2.0ML		SZGRF	I
1999/06/18	00:10:10.7	+- 0.40	51.630N	7.780E	5.6	3.3	160	1G		10	6	119	2.1ML	CLZ	BGR	I

Hamm/Westfalen

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg Z	00:10:17.2	-0.5	T	11.2	41.1	239.4	ML 2.1
	e Sg E	00:10:22.6	0.1	T				
IBBN	e Pg Z	00:10:23.4	-0.1	T	1.9	75.3	358.8	ML 1.9
	e Pg Z	00:10:34.3	-0.0	T	3.8	139.4	225.1	ML 1.9
GSH	e Sg E	00:10:51.3	0.7	T				
	e Pg Z	00:10:39.2	0.8	T	2.9	163.3	163.1	ML 1.8
TNS	e Sg E	00:10:56.4	-1.1	T				
	e Pg Z	00:10:41.1	-0.1	T	5.1	180.0	81.5	ML 2.1
CLZ	e Sg E	00:11:02.3	0.1	T				
	e Pg Z	00:11:02.3	0.1	T				
MOX	e Sg N	00:11:34.1	0.7	T		289.1	110.8	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/19	02:29:12.9		48.300N	8.900E				2					2.1ML		LDG	
1999/06/19	02:29:11.5	+- 0.48	48.300N	9.050E	5.6	3.3	178	10G		11	8	179	2.1ML	FUR	BGR	L
1999/06/19	02:29:11.7	+- 0.22	48.305N	9.032E	2.3	1.1	34	10G		7	4	173	1.6ML		LED	L

Ebingen/Swabian Jura

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
GUT	i Pg -	02:29:16.8	0.2	T		26.8	166.6	ML 1.6
	i Sg	02:29:20.3	0.4	T				
BFO	e Pg Z	02:29:20.8	0.1		2.0	52.0	273.3	ML 1.0
	e Sg N	02:29:26.8	-0.1					
STU	e Sg N	02:29:27.2	0.0			53.1	12.9	
FELD	e SmS	02:29:39.6	-1.5	T		90.0	238.4	
KIZ	Pg	02:29:27.4	0.1	T		91.3	245.3	ML 1.7
	e PmP-	02:29:28.1	-1.3	T				
	i SmS	02:29:39.8	-1.7	T				
TOD	e Sg	02:29:53.8	0.3	T		145.6	353.5	
FUR	e Sg E	02:30:00.4	0.9			166.9	94.6	ML 2.1
TNS	e Sg E	02:30:13.7	-0.2			217.4	349.0	
GRFO	e Pg Z	02:29:49.1	-0.3		1.6	221.9	45.2	
	e Sg E	02:30:14.8	-0.4					
WET	e Pg Z	02:30:01.3	-0.8		1.0	297.1	70.3	
	e Sg N	02:30:35.8	-0.9					
MOX	e Sg N	02:30:43.2	-0.0			320.1	34.7	
GEC2	e Sg N	02:30:50.0	-1.4			348.7	78.3	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/19	08:42:34.1		48.300N	8.900E				2					2.4ML		LDG	
1999/06/19	08:42:31.5	+ - 0.49	48.310N	9.040E	5.6	3.3	177	10G		10	8	177	2.5ML	FUR	BGR	L
1999/06/19	08:42:31.5	+ - 0.06	48.308N	9.035E	1.0	0.6	109	10	+ - 1.0	28	12	88	1.8ML		LED	L

Ebingen/Swabian Jura

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
GUT	i Pg -	08:42:36.6	0.1	T		27.1	167.3	ML 2.1
	PmP	08:42:40.4	-0.7	T				
	e Sg	08:42:40.1	0.3	T				
SPAK	SmS	08:42:46.5	-1.2	T				
	i Pg +	08:42:37.1	0.3	T		29.4	219.0	
BEU	e Sg	08:42:41.0	0.6	T				
	i Pg +	08:42:38.9	0.1	T		41.6	42.3	ML 1.5
LBG	i Sg	08:42:44.1	0.3	T				
	i Pg -	08:42:39.2	0.1	T		43.6	336.1	ML 1.8
BFO	e Sg	08:42:44.4	0.0	T				
	e Pg Z	08:42:40.6	0.1		2.9	52.2	273.0	ML 1.3
STU	e Sg N	08:42:46.6	-0.2					
	e Sg N	08:42:46.9	-0.0			52.8	12.7	ML 1.6
SLE	e Pg +	08:42:43.9	-0.0	T		72.5	214.0	
	i PmP	08:42:45.6	-0.9	T				
	e SmS	08:42:55.2	-1.4	T				
FELD	e Pg +	08:42:47.0	0.1	T		90.4	238.3	
	e PmP	08:42:48.0	-1.1	T				
	e SmS	08:42:59.6	-1.4	T				
KIZ	e Pg +	08:42:47.1	-0.1	T		91.6	245.1	ML 2.1
	i PmP-	08:42:47.9	-1.3	T				
	e Sg	08:42:57.6	-0.3	T				
UBR	e SmS	08:42:59.5	-1.8	T				
	e P* -	08:42:50.1		T		106.0	130.7	ML 1.8
	i PmP+	08:42:50.7	-0.7	T				
SIND	e S*	08:43:04.7						
	e SmS	08:43:07.8	2.8					
	e Pg -	08:42:52.7	0.3	T		123.0	19.6	ML 2.2
WLS	Sn	08:43:06.6	-0.5					
	e Sg	08:43:07.4	0.6	T				
	e Pg	08:42:53.3	0.6			124.8	276.0	
ECH	e Sg	08:43:07.8	0.5	T				
	e Pg -	08:42:55.6	0.4	T		139.3	266.5	
BBS	e Sg	08:43:11.8	0.3	T				
	e Pg +	08:42:56.7	0.1	T		147.4	231.1	
FUR	e Sg N	08:43:20.2	0.9			166.7	94.7	ML 2.5
TNS	e Sg E	08:43:33.8	0.1			217.1	348.9	ML 1.8
GRFO	e Sg N	08:43:34.5	-0.4			221.5	45.2	
WET	e Pg Z	08:43:21.3	-0.6		2.0	296.8	70.3	ML 2.1
	e Sg N	08:43:55.2	-1.2					
MOX	e Sg N	08:44:02.9	-0.0			319.7	34.7	
GEC2	e Sg N	08:44:11.5	0.4			348.4	78.4	

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/22	10:02:17.5	+ - 0.56	51.610N	7.750E	10.0	4.4	160	1G		8	4	200	2.2ML		SZGRF	I
1999/06/22	10:02:16.4	+ - 0.45	51.630N	7.780E	5.6	4.4	142	1G		8	5	119	2.2ML	GSH	BGR	I

Hamm/Westfalen

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg	Z 10:02:22.8	-0.6	T	7.2	41.1	239.4	ML 2.3
	e Sg	E 10:02:28.4	0.3	T				
IBBN	e Pg	Z 10:02:29.4	0.2	T	3.7	75.3	358.8	ML 2.1
	e Pg	Z 10:02:39.4	-0.7	T				
GSH	e Sg	E 10:02:57.0	0.8	T	5.1	139.4	225.1	ML 2.2
	e Pg	Z 10:02:44.3	0.2	T				
TNS	e Pg	Z 10:02:44.3	0.2	T	2.8	163.3	163.1	ML 2.2
	e Sg	E 10:03:03.1	0.0	T				
CLZ	e Pg	Z 10:02:47.1	0.2	T	3.8	180.0	81.5	ML 2.2
	e Sg	E 10:03:10.7	2.8	T				

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/22	23:53:15.5		47.701N	14.256E				10					2.0ML		NEIC	
1999/06/22	23:53:13.4	+- 1.89	47.600N	14.160E	16.7	14.5	37	10G		7	5	329	2.5ML	GRFO	BGR	L

Enns Valley/A,

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
GEC2	e Pg	Z 23:53:37.8	0.1	T	20.0	142.5	346.4	ML 1.8
	e Sg	E 23:53:54.1	-0.1	T				
WET	e Pg	Z 23:53:46.5	-0.2	T	5.7	196.0	331.6	
	e Sg	N 23:54:10.2	0.7	T				
GRFO	e Sg	N 23:54:44.3	0.2	T		317.3	318.2	ML 2.5
BRG	e Sg	23:54:58.3	0.8			364.3	357.6	
MOX	e Sg	Z 23:55:03.1	-0.6	T		385.8	332.3	
CLL	e Sg	N 23:55:13.7	0.1	T		420.6	349.0	ML 2.7

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/23	23:49:23.7		47.200N	8.600E				7					2.2ML		LDG	

Zug, Schwyz/Ch, Zuger See

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg	Z 23:49:44.7	-0.6		4.9	127.3	351.0	
	e Sg	N 23:49:58.8	-1.3					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/24	05:21:38.0		48.300N	9.030E									2.1ML		NEIC	
1999/06/24	05:21:39.0		48.300N	9.000E				2					2.7ML		LDG	
1999/06/24	05:21:39.1	+- 0.56	48.320N	9.020E	6.7	4.4	168	10G		6	5	176	1.5ML	BFO	BGR	L
1999/06/24	05:21:38.8	+- 0.08	48.301N	9.032E	1.3	0.8	120	11	+- 1.2	32	17	88	2.1ML		LED	L

Ebingen/Swabian Jura

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
GUT	i Pg	- 05:21:43.8	0.2	T		26.3	166.4	ML 2.3
	i Sg	05:21:47.2	0.3	T				
	SmS	05:21:53.7	-1.1	T				
SPAK	i Pg	+ 05:21:44.3	0.3	T		28.6	219.6	
	i Sg	05:21:48.2	0.7	T				
BEU	i Pg	+ 05:21:46.2	0.0	T		42.3	41.8	ML 1.9

	i	Sg		05:21:51.4	0.1	T													
LBG	i	Pg -		05:21:46.5	-0.0	T			44.2	336.8	ML	2.1							
	e	Sg		05:21:51.7	-0.1	T													
BFO	e	Pg	Z	05:21:47.8	-0.0		2.7	52.0	273.8	ML	1.5								
	e	Sg	N	05:21:53.7	-0.3														
STU	e	Sg	E	05:21:54.0	-0.3			53.6	12.7	ML	1.8								
SLE	i	Pg +		05:21:51.2	0.1	T		71.7	214.2										
	i	PmP-		05:21:52.7	-0.8	T													
FELD	i	Pg +		05:21:54.2	0.1	T		89.8	238.6										
	i	PmP+		05:21:55.1	-1.1	T													
	i	Sg		05:22:04.8	0.2	T													
	i	SmS		05:22:06.5	-1.6	T													
KIZ	i	Pg +		05:21:54.3	-0.1	T		91.1	245.5	ML	2.2								
		PmP		05:21:54.9	-1.5	T													
		Sg		05:22:04.7	-0.3	T													
UBR	e	Pn -		05:21:57.3	-0.2	T		105.7	130.3	ML	1.9								
		Pg		05:21:57.9	1.1	T													
		Sg		05:22:11.6	2.5														
LANF		Pg		05:21:59.4	0.6	T		117.6	310.4										
		Sg		05:22:13.4	0.9	T													
SIND	e	Pn -		05:21:58.3	-1.4			123.8	19.6	ML	2.5								
	i	Pg -		05:22:00.0	0.1	T													
WLS		Pg		05:22:00.4	0.4	T		124.6	276.4										
		Sg		05:22:14.9	0.3	T													
TOD		Pg		05:22:03.6	0.0	T		146.0	353.5										
		Sg		05:22:20.3	-0.3	T													
BBS	i	Pg +		05:22:03.9	0.2	T		146.8	231.2										
MOF		Sg		05:22:22.0	0.3	T		149.7	251.2										
FUR	e	(Sg)	N	05:22:27.8	1.2			166.8	94.4										
LOMF		Pg		05:22:12.0	0.0	T		195.6	238.1										
ABH		Pg		05:22:13.6	-0.2	T		206.3	329.0										
RUP	i	Pg +		05:22:15.1	0.3	T		212.0	318.0										
TNS	e	Sg	N	05:22:41.2	0.1			217.8	349.0										
GRFO	e	Sg	N	05:22:41.8	-0.6			222.2	45.1										

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/25	04:42:38.5	+- 0.60	51.640N	7.740E	8.9	4.4	158	1G		8	4	205	2.1ML		SZGRF	I
1999/06/25	04:42:37.5	+- 0.31	51.600N	7.770E	5.6	3.3	132	1G		12	6	116	2.1ML	GSH	BGR	I

Hamm/Westfalen

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e Pg Z	04:42:44.1	-0.1	T	8.6	38.9	243.1	ML 2.1
	e Sg E	04:42:49.8	1.1	T				
IBBN	e Pg Z	04:42:50.6	-0.2	T	2.8	78.6	359.3	ML 2.0
	e Sg N	04:42:59.6	-0.4	T				
GSH	e Pg Z	04:43:00.5	-0.2	T	5.6	136.5	225.9	ML 2.1
	e Sg N	04:43:17.8	1.3	T				
TNS	e Pg Z	04:43:05.7	1.0	T	3.5	160.4	162.5	ML 2.0
	e Sg E	04:43:23.2	-0.1	T				
CLZ	e Pn Z	04:43:06.4	-0.1	T	1.7	181.3	80.5	ML 2.2
	e Pg Z	04:43:08.1	-0.1	T	9.5			
	e Sg E	04:43:30.3	1.0	T				
WLF	e Sg E	04:43:44.7	-2.4	T		243.6	208.6	ML 1.9

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/28	19:07:02.9		47.400N	9.100E				2					2.3ML		LDG	
1999/06/28	19:06:56.2	+ - 1.39	47.090N	9.350E	16.7	6.7	13	5G		7	5	274	2.5ML	GEC2	BGR	L
1999/06/28	19:06:58.5		47.200N	9.400E				9					2.0ML		SED	

Vaduz/Liechtenstein, Swiss-Liechtenstein-Austrian border reg

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
BFO	e Pg Z	19:07:23.6	-0.2		4.3	149.0	327.9	ML 1.9
	e Sg E	19:07:41.2	0.1					
STU	e Sg E	19:07:49.2	0.5			175.3	355.0	ML 2.4
FUR	e Sg E	19:07:51.6	2.6			176.5	52.0	ML 2.6
GRFO	e Sg N	19:08:28.1	1.7			307.8	25.2	ML 2.5
GEC2	e Pg Z	19:08:00.0	-0.9		2.8	368.4	58.7	ML 2.5
	e Sg N	19:08:43.0	-0.8					

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/30	03:27:28.4		47.900N	7.400E				11					2.5ML		LDG	
1999/06/30	03:27:27.8		47.900N	7.500E				10					2.3ML		SED	
1999/06/30	03:27:27.7	+ - 1.24	47.910N	7.530E	12.2	5.6	24	5G		11	8	258	2.2ML	TNS	BGR	L
1999/06/30	03:27:27.9	+ - 0.07	47.908N	7.499E	0.9	0.6	13	9	+ - 1.0	38	21	77	2.1ML		LED	L

Muellheim/Upper Rhine Graben, NE of Mulhouse/F

Sta	Phase	Time	TRes	Def	S/N	Dist	EvAz	Mag
MOF	i Pg +	03:27:32.9	0.0	T		28.0	257.2	
	i Sg	03:27:36.6	0.3	T				
LIBD	e Pg +	03:27:33.7	0.7	T		28.0	15.9	
	i Sg	03:27:37.3	0.9	T				
FBB	Pg	03:27:33.3	0.3	T		28.4	68.3	
	Sg	03:27:37.0	0.6	T				
KIZ	i Pg +	03:27:33.6	0.1	T		31.7	80.1	ML 1.9
	i Sg	03:27:37.7	0.3	T				
FELD	i Pg +	03:27:34.7	0.1	T		37.8	95.2	
	i Sg	03:27:39.5	0.5	T				
	SmS	03:27:42.9	-3.3	T				
ECH	e Pg -	03:27:35.4	0.1	T		42.6	323.6	
	i Sg	03:27:40.6	0.3	T				
BBS	i Pg -	03:27:36.5	0.1	T		49.3	179.1	
WLS	i Pg -	03:27:38.1	0.4	T		57.2	349.2	
	Sg	03:27:45.1	0.6	T				
SLE	e Pg -	03:27:41.1	0.2	T		75.9	101.6	
	e Sg	03:27:50.0	0.2	T				
BFO	e Pg Z	03:27:41.4	0.3		58.8	77.5	52.4	
	e Sg E	03:27:50.4	0.2					
LOMF	Pg	03:27:42.1	0.5	T		79.8	219.3	
SPAK	i PmP-	03:27:45.3	-1.4	T		98.2	76.8	
LANF	Sg	03:28:02.2	-0.5	T		121.4	10.6	
GUT	i Pn +	03:27:47.4	-1.4	T		121.6	80.8	ML 2.3
	e Pg -	03:27:48.7	0.1	T				
	Sg	03:28:03.4	0.6	T				
LBG	Pn	03:27:47.7	-1.8	T		127.7	48.2	ML 2.0
	Pg	03:27:49.9	0.3	T				
	Sg	03:28:04.6	0.1	T				

STU	e	Sg	N	03:28:12.9	-0.1			157.7	51.9	ML	2.0
BEU	i	Pn	-	03:27:51.9	-1.7	T		160.6	61.4	ML	2.1
		Pg		03:27:55.4	0.2	T					
		Sg		03:28:14.6	0.7	T					
KTD		Sg		03:28:15.2	0.7	T		162.8	15.1		
UBR		Pn		03:27:57.9	-0.0			196.5	96.4	ML	2.2
		Pg		03:28:01.9	0.6	T					
		Sg		03:28:24.9	0.8	T					
RUP		Pg		03:28:01.9	-0.3	T		202.0	351.0		
TOD		Pg		03:28:03.9	0.0	T		211.6	26.4		
		Sg		03:28:28.5	0.0	T					
WLF	e	Sg	E	03:28:29.9	-0.6			218.8	333.7	ML	1.7
ABH		Pg		03:28:04.6	-0.6	T		219.5	0.9		
		Sg		03:28:29.8	-0.9						
SIND		Pg		03:28:06.0	0.2			222.8	43.2	ML	2.2
		Sg		03:28:31.7	0.1	T					
TNS	e	Sg	N	03:28:43.6	-0.5			266.4	14.7	ML	2.2
GRFO	e	Pg	Z	03:28:25.6	0.5		1.5	336.9	52.6	ML	2.4
	e	Sg	E	03:29:03.0	-1.2						
WET	e	Pg	Z	03:28:38.0	-1.0		1.6	419.2	68.9	ML	2.1
	e	Sg	E	03:29:25.9	-1.8						
MOX	e	Sg	E	03:29:28.9	-0.9			426.2	42.9	ML	2.2
GEC2	e	Sg	E	03:29:41.2	-0.9			469.7	74.9	ML	2.5

Date	Origin Time	OT_err	Lat	Long	Smajor	Sminor	Az	Depth	D_err	Ndef	Nsta	Gap	Mag	Ref	Source	Ev_type
1999/06/30	23:36:39.4	+/- 0.58	51.630N	7.740E	8.9	3.3	159	1G		8	4	204	2.1ML		SZGRF	I
1999/06/30	23:36:38.9	+/- 0.44	51.590N	7.760E	8.9	3.3	155	1G		14	7	196	2.1ML	GSH	BGR	I

Unna

Sta	Phase		Time	TRes	Def	S/N	Dist	EvAz	Mag
BUG	e	Pg	Z 23:36:45.1	-0.2	T	11.1	37.8	244.1	ML 2.1
	e	Sg	N 23:36:50.6	0.9	T				
GSH	e	Pg	Z 23:37:01.5	-0.3	T	3.8	135.3	226.0	ML 2.1
	e	Sg	N 23:37:19.2	1.7	T				
TNS	e	Pn	Z 23:37:05.1	-0.2	T	0.7	159.5	162.1	ML 2.0
	e	Pg	Z 23:37:06.4	0.5	T	4.4			
	e	Sg	E 23:37:24.9	0.5	T				
CLZ	e	Pn	Z 23:37:07.1	-0.9	T	1.3	182.1	80.1	ML 2.1
	e	Pg	Z 23:37:09.2	-0.6	T	7.0			
	e	Sg	N 23:37:32.7	1.7	T				
WLF	e	Pg	Z 23:37:19.2	-0.7	T	1.9	242.2	208.5	ML 1.9
	e	Sg	N 23:37:46.2	-1.9	T				
MOX	e	Pg	E 23:37:28.6	0.7	T	2.1	288.9	109.8	
	e	(Sg)	23:38:04.6	3.2					
CLL	e	Pg	Z 23:37:40.9	0.2	T	1.2	364.6	92.9	
BRG	e	Sg	23:38:52.9	9.0			437.7	98.1	

Unassociated arrivals

Sta	Phase	Date	Time	TRes	Def	S/N	Dist	EvAz	Mag
BRG	e	Sg	1999/06/01 05:08:01.6						

BRG	e	Sg	1999/06/03	00:22:59.1
MOX	i	Pg	1999/06/03	21:28:49.5
MOX	i	Sg	1999/06/03	21:28:58.3
BRG	e	Sg	1999/06/04	19:52:21.3
GEC2	e	Pg	1999/06/06	01:27:23.6
WET	e	Sg	1999/06/06	01:27:57.5
BRG	i	Sg	1999/06/07	18:20:48.3
WET	i	Pn +	1999/06/07	23:50:20.1
BRG	e	Sg	1999/06/08	07:33:01.4
WET	i	Pn +	1999/06/11	11:22:42.2
MOX	i	(Sg)	1999/06/14	22:44:06.0
BRG	e	Sg	1999/06/15	10:22:48.0
BRG	e	Sg	1999/06/16	09:03:58.2
BHG	i	Pg +	1999/06/16	09:37:17.2
BRG	e	Sg	1999/06/16	15:46:16.8
BRG	e	Sg	1999/06/16	20:36:19.3
BRG	e	Sg	1999/06/17	11:59:17.7
CLL	e	Sg	1999/06/24	11:31:09.0
BRG	i	Pg	1999/06/24	15:56:40.5
BRG	i	Sg	1999/06/24	15:56:57.7
BRG	e	Sg	1999/06/26	18:47:39.8
BRG	e	Sg	1999/06/29	04:05:33.1
CLL	i	Sg	1999/06/29	05:58:12.5
BRG	i	Sg	1999/06/29	08:52:43.6
MOX	e	(Sg)	1999/06/29	15:13:20.9
BRG	i	Sg	1999/06/30	10:23:11.5
BRG	e	Sg	1999/06/30	16:57:56.8