MONTHLY BULLETIN of REGIONAL and TELESEISMIC EVENTS RECORDED with GRF- and GRSN-STATIONS in GERMANY

(produced by SZGRF/BGR - ERLANGEN and partly by CLL - Observatory)

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Please note that local events recorded in Germany are part of the "LOCAL BULLETIN".

(Format desciption at the end of the bulletin)

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/01	02:33:48.0	47.590N	153.370E	33.0N	4.8			SZGRF

Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e P	Z	02:45:30.4	75.4	26.4	1.0	18	5.1		
BRG	e P	Z	02:45:32.1	75.6	26.9					
MOX	e P	Z	02:45:37.0	76.4	25.4	1.1	8	4.7		
UBBA	e P	Z	02:45:38.2	76.7	24.4					
ROTZ	e P	Z	02:45:39.9	77.0	25.7	1.1	5	4.5		
GRA1	e P	Z	02:45:41.3	77.4	25.1	0.9	11	5.0		
WET	e P	Z	02:45:42.3	77.4	26.1	1.3	12	4.9		
GEC2	e P	Z	02:45:42.1	77.4	26.6	0.7	3	4.5		
TNS	e P	Z	02:45:43.2	77.6	23.4	0.7	7	4.9		
BFO	e P	Z	02:45:53.2	79.4	23.2	1.3	11	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/01	14:34: 5.5	36.390N	70.990E	33.0G	4.8			SZGRF

Hindu Kush, Afghanistan, region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	14:41:58.9	42.6	87.1	0.9	20	4.9		
RUE	e P	Z	14:41:59.2	42.6	88.7	0.6	24	5.1		
GEC2	e P	Z	14:42:01.3	42.9	84.7	1.3	9	4.3		
FBE	e P	Z	14:42:01.7	42.9	86.7	0.8	19	4.9		
CLL	e P	Z	14:42:03.7	43.1	86.8	0.9	11	4.6		
WET	e P	Z	14:42:05.7	43.4	84.4	1.0	4	4.1		
TANN	e P	Z	14:42:07.3	43.5	85.5	1.1	11	4.5		
GUNZ	e P	Z	14:42:08.2	43.6	85.3	1.0	11	4.5		

WERD	e P	Z	14:42:08.1	43.6	85.4	1.0	10	4.5
ROTZ	e P	Z	14:42:09.3	43.7	84.6	1.2	17	4.6
MANZ	e P	Z	14:42:09.7	43.8	84.8	1.0	13	4.6
MOX	e P	Z	14:42:11.3	44.0	85.1	1.0	11	4.5
GRA1	e P	Z	14:42:14.7	44.4	83.9	0.8	10	4.8
BSEG	e P	Z	14:42:15.8	44.6	87.5	0.8	18	5.1
CLZ	e P	Z	14:42:16.7	44.7	85.4	1.2	21	4.9
NRDL	e P	Z	14:42:17.5	44.8	85.9	1.1	21	5.0
UBBA	e P	Z	14:42:18.9	45.0	84.1	1.8	37	5.0
TNS	e P	Z	14:42:27.5	46.1	82.5	1.1	16	5.0
BFO	e P	Z	14:42:29.4	46.5	80.6	1.7	18	4.9
BUG	e P	Z	14:42:32.4	46.7	82.8	0.8	16	5.2
WLF	e P	Z	14:42:39.9	47.6	80.4	0.7	25	5.5

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/01	19:06:44.3	21.607S	171.667E	33.0N				SZGRF

Southeast of Loyalty Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	19:26:17.1	144.7	31.0					
RUE	e PKPbc	Z	19:26:17.2	144.8	37.3					
BRG	e PKPbc	Z	19:26:20.2	146.0	39.0					
CLL	e PKPbc	Z	19:26:20.3	146.0	37.2					
CLZ	e PKPbc	Z	19:26:21.8	146.5	32.7					
WERD	e PKPbc	Z	19:26:23.3	146.9	36.9					
GUNZ	e PKPbc	Z	19:26:23.4	147.0	37.0					
WERN	e PKPbc	Z	19:26:23.7	147.0	37.2					
MANZ	e PKPbc	Z	19:26:24.5	147.4	37.0					
GEC2	e PKPbc	Z	19:26:24.8	147.6	40.6					
GRA1	e PKPbc	Z	19:26:25.8	147.9	35.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/02	12:06:37.1	39.829N	20.368E	10.0G		4.2		SZGRF

Greece-Albania border region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z	12:09:01.0	10.2	149.7					
	e L	Z	12:14:13.8			14.9	1958		4.1	
WET	e Pn	Z	12:09:08.5	10.7	147.5					
ROTZ	e Pn	Z	12:09:18.5	11.5	146.8					
	e L	Z	12:14:47.9			12.7	1726		4.2	
GRA1	e L	Z	12:16:12.3	11.8	143.3	9.3	2004		4.4	
STU	e Pn	Z	12:09:26.1	12.0	134.2					
BFO	e Pn	Z	12:09:29.5	12.1	130.2					
MOX	e Pn	Z	12:09:32.0	12.4	147.1					

TNS	e Pn	Z	12:09:44.2	13.3	136.6	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/02	22:02:45.1	37.975N	71.182E	33.0G	5.0			SZGRF

Afghanistan-Tajikistan border region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	22:10:30.0	41.7	85.1	0.8	38	5.2		
GEC2	e P	Z	22:10:33.3	42.1	82.6	1.9	50	4.9		
CLL	i P	+ Z	22:10:33.7	42.3	84.9	0.6	43	5.3		
	e pP	Z	22:10:41.2							
	e PP	Z	22:12:09.3							
	e ScP	Z	22:16:21.3							
	e LR	Z	22:23:04.5							
	e L	Z	22:31:27.3			18.0	1293		4.9	
WET	e P	Z	22:10:37.3	42.6	82.4	1.2	18	4.7		
TANN	e P	Z	22:10:38.0	42.7	83.5	0.8	10	4.6		
MOX	e P	Z	22:10:42.2	43.2	83.2	0.8	22	4.9		
GRA1	e P	Z	22:10:46.3	43.6	81.9	0.9	44	5.2		
	e PP	Z	22:12:25.9							
BSEG	e P	Z	22:10:45.5	43.7	85.7	0.7	44	5.3		
FUR	e P	Z	22:10:47.2	43.8	80.4					
CLZ	e P	Z	22:10:47.0	43.8	83.5	0.7	21	5.0		
NRDL	e P	Z	22:10:47.9	43.9	84.0					
UBBA	e P	Z	22:10:49.7	44.2	82.2					
STU	e P	Z	22:10:57.3	45.0	79.6					
TNS	e P	Z	22:10:58.6	45.3	80.6	0.7	14	5.0		
IBBN	e P	Z	22:10:59.2	45.4	82.2					
BFO	e P	Z	22:11:02.0	45.7	78.7	0.9	13	5.0		
BUG	e P	Z	22:11:02.9	45.8	81.0					
WLF	e P	Z	22:11:11.5	46.8	78.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/02	22:32:25.9	36.957N	90.598E	33.0N	5.3	5.1		SZGRF

Southern Xinjiang, China

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	22:41:49.2	54.4	73.1	1.1	19	5.0		
CLL	e P	Z	22:41:52.5	54.8	72.8					
GEC2	e P	Z	22:41:55.2	55.1	71.6	1.4	17	4.9		
TANN	e P	Z	22:41:56.7	55.4	71.8					
WET	e P	Z	22:41:58.1	55.5	71.3					
BSEG	e P	Z	22:41:58.0	55.6	72.7	1.3	29	5.2		
ROTZ	e P	Z	22:41:59.0	55.7	71.3					
MOX	e P	Z	22:41:59.9	55.8	71.5					

NRDL	e P	Z	22:42:01.7	56.1	71.7				
CLZ	e P	Z	22:42:01.6	56.2	71.4	3.0	234	5.4	
GRA1	e P	Z	22:42:04.2	56.4	70.6	0.9	41	5.9	
	e L	Z	23:07:20.5			19.1	1520		5.1
UBBA	e P	Z	22:42:06.2	56.7	70.5				
FUR	e P	Z	22:42:07.5	56.9	69.7	1.4	38	5.2	
IBBN	e P	Z	22:42:12.3	57.5	70.0				
TNS	e P	Z	22:42:13.8	57.9	69.2				
BUG	e P	Z	22:42:15.9	58.1	69.2				
BFO	e P	Z	22:42:19.7	58.6	68.0	1.2	28	5.1	
WLF	e P	Z	22:42:26.4	59.4	67.5				

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/03	05:27:40.5	20.250S	176.950W	33.0N				SZGRF

Fiji Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	05:47:15.9	145.9	12.2					
NRDL	e PKPbc	Z	05:47:20.5	147.3	12.3					
IBBN	e PKPbc	Z	05:47:21.6	147.7	8.3					
CLZ	e PKPbc	Z	05:47:22.4	147.9	13.0					
CLL	e PKPbc	Z	05:47:22.3	148.0	17.8					
BRG	e PKPbc	Z	05:47:22.9	148.2	19.7					
MOX	e PKPbc	Z	05:47:24.6	148.9	15.7					
TANN	e PKPbc	Z	05:47:24.8	148.9	17.3					
ROTZ	e PKPbc	Z	05:47:26.2	149.6	17.2					
TNS	e PKPbc	Z	05:47:26.7	149.7	10.1					
GRA1	e PKPbc	Z	05:47:27.5	149.8	15.4					
	e PKPab	Z	05:47:33.0							
WET	e PKPbc	Z	05:47:28.0	150.1	18.7					
GEC2	e PKPbc	Z	05:47:28.0	150.2	20.4					
WLF	e PKPbc	Z	05:47:29.1	150.5	5.9					
	e PKPab	Z	05:47:35.6							
STU	e PKPbc	Z	05:47:30.0	151.1	12.0					
FUR	e PKPbc	Z	05:47:30.5	151.3	16.2					
BFO	e PKPbc	Z	05:47:31.1	151.6	10.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/03	10:49:13.2	43.309N	17.906E	10.0G			4.3	SZGRF

Northwestern Balkan Peninsula

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z	10:50:45.1	6.3	150.7					4.3
	e Sn	N	10:51:53.9							
FUR	e Pn	Z	10:50:50.5	6.7	133.9					

WET	e Pn	Z	10:50:52.3	6.8	147.4	
ROTZ	e Pn	Z	10:51:02.0	7.5	146.6	
GRA1	e Pn	Z	10:51:06.9	7.9	141.7	
TANN	e Pn	Z	10:51:09.8	8.0	150.3	
STU	e Pn	Z	10:51:09.8	8.1	128.9	
BFO	e Pn	Z	10:51:11.6	8.3	123.4	
MOX	e Pn	Z	10:51:15.4	8.5	147.3	
UBBA	e Pn	Z	10:51:25.5	9.2	141.4	
TNS	e Pn	Z	10:51:28.3	9.5	133.3	
	e Sn	N	10:53:10.0			
BUG	e Pn	Z	10:51:48.4	10.8	134.4	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/03	13:43:24.0	36.063N	22.220E	10.0G		4.3		SZGRF

Southern Greece

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z	13:46:42.9	14.2	150.8					
FUR	e Pn	Z	13:46:48.4	14.5	142.3					
	e Sn	Z	13:49:20.1							
WET	e Pn	Z	13:46:49.8	14.8	149.0					
	e Sn	Z	13:49:29.3							
ROTZ	e Pn	Z	13:46:59.3	15.5	148.3					
GRA1	e L	Z	13:54:46.5	15.8	145.5	23.8	1835		4.2	
STU	e Pn	Z	13:47:08.2	15.9	138.3					
BRG	e Pn	Z	13:47:06.2	16.0	155.0					
BFO	e Pn	Z	13:47:08.4	16.0	135.1					
	e Sn	Z	13:49:55.6							
TANN	e Pn	Z	13:47:08.4	16.0	150.2					
MOX	e Pn	Z	13:47:13.1	16.5	148.3					
CLL	e Pn	Z	13:47:15.2	16.6	153.1					
	e L	Z	13:54:39.0			14.9	1655		4.4	
UBBA	e L	Z	13:55:23.5	17.2	144.6	21.5	1719		4.3	
TNS	e Pn	Z	13:47:26.5	17.3	139.7					
	e Sn	N	13:50:27.4							
CLZ	e Pn	Z	13:47:31.9	17.9	147.3					
WLF	e Pn	Z	13:47:33.5	17.9	133.3					
NRDL	e Pn	Z	13:47:39.3	18.5	147.7					
BUG	e Pn	Z	13:47:41.6	18.7	139.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/03								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKPbc	Z	17:07:15.5							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/04	03:33:17.7	35.450N	37.110W	33.0N	5.0	5.2		SZGRF

Northern Mid-Atlantic Ridge

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z	03:39:59.4	34.3	262.2	1.7	65	5.3		
	e S	E	03:45:28.0							
BUG	e P	Z	03:40:10.9	35.3	260.7					
BFO	e P	Z	03:40:13.4	35.6	265.9					
	e S	E	03:45:48.8							
IBBN	e P	Z	03:40:13.1	35.7	259.9					
TNS	e S	E	03:45:54.0	35.8	263.4					
	e L	Z	03:51:24.9			18.8	4062		5.2	
STU	e S	Z	03:45:57.0	36.2	266.0					
NRDL	e P	Z	03:40:28.8	37.2	261.8					
CLZ	e P	Z	03:40:29.4	37.2	262.9	1.8	65	5.1		
	e L	Z	03:52:32.3			18.2	4417		5.3	
BSEG	e P	Z	03:40:28.8	37.5	260.2	2.0	162	5.4		
	e S	Z	03:46:17.0							
	e L	Z	03:54:04.5			19.9	3114		5.1	
FUR	e S	Z	03:46:17.0	37.5	268.5					
GRA1	e P	Z	03:40:30.0	37.6	266.4	1.9	75	5.1		
	e L	Z	03:52:10.3			18.5	2172		5.0	
MOX	e P	Z	03:40:34.7	37.9	265.5	1.6	27	4.7		
	e S	E	03:46:27.0							
	e L	Z	03:52:35.9			20.5	4041		5.2	
TANN	e P	Z	03:40:37.2	38.4	266.5					
	e S	E	03:46:34.0							
WET	e P	Z	03:40:39.1	38.6	268.5					
CLL	e P	Z	03:40:39.1	38.8	265.9	1.3	12	4.3		
	e L	Z	03:53:28.3			18.4	2806		5.1	
GEC2	e P	Z	03:40:45.5	39.2	269.5					
	e S	E	03:46:42.7							
BRG	e P	Z	03:40:44.6	39.4	267.2					
	e S	Z	03:46:43.0							
	e L	Z	03:53:32.0			18.6	3247		5.2	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/04	20:57:10.2	19.601N	77.022W	33.0N	5.7	5.9		SZGRF

Cuba region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z	21:08:23.8	70.8	278.0	1.5	96	5.7		
BUG	e P	Z	21:08:26.7	71.3	278.2	1.5	143	5.9		

IBBN	e P	Z	21:08:27.4	71.5	278.3	1.5	220	6.1	
TNS	e P	Z	21:08:32.3	72.2	279.5	1.8	186	5.9	
BFO	e P	Z	21:08:33.0	72.5	280.0	2.2	134	5.7	
BSEG	e P	Z	21:08:34.5	72.7	279.8	1.8	114	5.7	
NRDL	e P	Z	21:08:35.7	72.9	280.1	1.5	114	5.8	
STU	e P	Z	21:08:36.5	72.9	280.5	2.2	223	5.9	
CLZ	e P	Z	21:08:37.8	73.1	280.5	1.5	139	5.9	
GRA1	e P	Z	21:08:43.4	74.1	281.7	1.3	33	5.2	
	e S	N	21:18:20.3						
	e L	Z	21:35:06.7			21.4	7304		5.9
MOX	e P	Z	21:08:43.1	74.1	281.7	1.7	84	5.5	
ROTZ	e P	Z	21:08:46.2	74.7	282.4	1.5	77	5.5	
TANN	e P	Z	21:08:46.4	74.7	282.4	1.5	65	5.4	
CLL	e P	Z	21:08:46.8	74.8	282.6	1.8	114	5.7	
	e S	N	21:18:31.9						
	e SS	N	21:23:21.8						
	e SSS	E	21:26:48.2						
	e LR	Z	21:32:22.8						
	e L	Z	21:39:41.4			22.0	3170		5.6
WET	e P	Z	21:08:49.8	75.2	283.0	1.7	124	5.7	
BRG	e P	Z	21:08:51.1	75.5	283.4	1.3	57	5.5	
GEC2	e P	Z	21:08:53.2	75.8	283.7	1.6	84	5.6	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/04								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e PKPbc	Z	21:37:35.0							
BUG	e PKPbc	Z	21:37:37.2							
FUR	e PKPbc	Z	21:37:38.5							
GRA1	e PKPbc	Z	21:37:40.9							
IBBN	e PKPbc	Z	21:37:41.5							
MOX	e PKPbc	Z	21:37:42.6							
NRDL	e PKPbc	Z	21:37:43.7							
STU	e PKPbc	Z	21:37:37.2							
WLF	e PKPbc	Z	21:37:35.0							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/04	22:58:54.7	47.554N	154.489E	33.0N	5.2			SZGRF

Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	23:10:48.6	77.7	24.4	1.2	26	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/04								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKPbc	Z	23:12:50.6							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/05	06:42:58.8	48.757N	155.828E	33.0N	4.9	4.8		SZGRF

Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e P	Z	06:54:38.8	75.2	22.7	0.9	7	4.8		
WERN	e P	Z	06:54:43.8	76.1	23.9	0.7	6	4.8		
ROTZ	e P	Z	06:54:47.1	76.6	23.7	0.8	3	4.6		
GRA1	e P	Z	06:54:48.5	77.0	23.1	1.6	30	5.2		
	e		06:55:12.9							
	e L	Z	07:30:20.9			21.1	515		4.8	
WET	e P	Z	06:54:49.0	77.0	24.1	0.7	8	4.9		
GEC2	e P	Z	06:54:48.6	77.1	24.5	0.8	6	4.7		
TNS	e P	Z	06:54:49.4	77.1	21.4	0.8	13	5.2		
BFO	e P	Z	06:54:58.9	78.9	21.2	0.9	7	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/05	08:30: 3.4	44.902N	15.246E	10.0G			4.8	SZGRF

Northwestern Balkan Peninsula

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z	08:31:04.9	4.1	164.4					4.6
	e Sn	N	08:31:51.3							
FUR	e Pn	Z	08:31:08.7	4.3	138.6					5.3
WET	e Pn	Z	08:31:11.1	4.5	158.3					4.5
	e Sn	E	08:32:00.6							
ROTZ	e Pn	Z	08:31:20.8	5.3	155.9					
	e Sn	N	08:32:17.1							
MANZ	e Pn	Z	08:31:23.9	5.5	156.2					
	e Sn	E	08:32:22.2							
GRA1	e Pn	Z	08:31:23.9	5.5	148.8					
STU	e Pn	Z	08:31:26.2	5.7	130.8					
WERN	e Pn	Z	08:31:26.9	5.7	159.2					
	e Sn	N	08:32:28.5							
GUNZ	e Pn	Z	08:31:28.2	5.8	159.1					
	e Sn	E	08:32:31.3							
TANN	e Pn	Z	08:31:28.3	5.8	160.2					
BFO	e Pn	Z	08:31:28.5	5.9	123.3					

WERD	e Pn	Z	08:31:29.1	5.9	159.3
BRG	e Pn	Z	08:31:31.2	6.0	171.2
	e Sn	N	08:32:35.7		
FBE	e Pn	Z	08:31:32.7	6.2	167.4
	e Sn	N	08:32:38.8		
MOX	e Pn	Z	08:31:34.0	6.2	155.6
	e Sn	N	08:32:40.4		
CLL	e Pn	Z	08:31:38.6	6.6	166.0
	e Sn	N	08:32:49.7		
TNS	e Pn	Z	08:31:45.3	7.0	136.7
	e Sn	N	08:33:01.3		
CLZ	e Pn	Z	08:31:54.8	7.7	153.1
WLF	e Pn	Z	08:31:58.8	7.8	124.3
NRDL	e Pn	Z	08:32:04.8	8.3	154.0

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/05	09:55:52.3	21.200S	174.770W	33.0N		5.7		SZGRF

Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	10:15:31.3	147.0	8.7					
NRDL	e PKPbc	Z	10:15:35.2	148.5	8.7					
IBBN	e PKPbc	Z	10:15:36.4	148.8	4.6					
CLZ	e PKPbc	Z	10:15:37.3	149.1	9.4					
CLL	e PKPbc	Z	10:15:37.3	149.3	14.3					
BRG	e PKPbc	Z	10:15:38.3	149.6	16.2					
FBE	e PKPbc	Z	10:15:38.6	149.6	15.1					
BUG	e PKPbc	Z	10:15:38.4	149.7	3.8					
MOX	e PKPbc	Z	10:15:39.7	150.1	12.0					
WERD	e PKPbc	Z	10:15:40.0	150.2	13.4					
TANN	e PKPbc	Z	10:15:40.2	150.2	13.7					
GUNZ	e PKPbc	Z	10:15:40.4	150.3	13.5					
WERN	e PKPbc	Z	10:15:40.6	150.4	13.6					
MANZ	e PKPbc	Z	10:15:41.1	150.7	13.2					
TNS	e PKPbc	Z	10:15:41.6	150.9	6.2					
ROTZ	e PKPbc	Z	10:15:41.5	150.9	13.5					
GRA1	e PKPbc	Z	10:15:42.4	151.1	11.6					
	e PP	Z	10:19:21.0							
	e L	Z	11:22:34.0			21.9	1404		5.7	
WET	e PKPbc	Z	10:15:42.9	151.4	15.0					
WLF	e PKPbc	Z	10:15:43.5	151.5	1.8					
GEC2	e PKPbc	Z	10:15:43.0	151.5	16.8					
STU	e PKPbc	Z	10:15:44.8	152.2	8.0					
FUR	e PKPbc	Z	10:15:45.4	152.6	12.3					
BFO	e PKPbc	Z	10:15:45.8	152.8	6.3					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/05	10:16:18.8	22.070S	174.960W	33.0G				SZGRF

Tonga Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
HLG	e PKPbc	Z	10:36:03.7	147.8	5.0					
BSEG	e PKPbc	Z	10:36:03.2	147.9	9.2					
NRDL	e PKPbc	Z	10:36:07.2	149.3	9.2					
IBBN	e PKPbc	Z	10:36:08.2	149.7	5.0					
CLZ	e PKPbc	Z	10:36:09.2	149.9	9.9					
CLL	e PKPbc	Z	10:36:09.2	150.1	14.9					
BRG	e PKPbc	Z	10:36:10.2	150.4	16.9					
FBE	e PKPbc	Z	10:36:10.4	150.4	15.8					
BUG	e PKPbc	Z	10:36:10.4	150.6	4.2					
MOX	e PKPbc	Z	10:36:11.6	151.0	12.6					
WERD	e PKPbc	Z	10:36:11.8	151.1	14.0					
TANN	e PKPbc	Z	10:36:11.9	151.1	14.3					
GUNZ	e PKPbc	Z	10:36:12.2	151.1	14.1					
WERN	e PKPbc	Z	10:36:12.5	151.2	14.2					
MANZ	e PKPbc	Z	10:36:13.0	151.5	13.8					
TNS	e PKPbc	Z	10:36:13.5	151.7	6.7					
ROTZ	e PKPbc	Z	10:36:13.4	151.7	14.1					
GRA1	e PKPbc	Z	10:36:13.8	152.0	12.3					
	e		10:36:17.8							
	e		10:36:24.2							
WET	e PKPbc	Z	10:36:14.7	152.2	15.7					
GEC2	e PKPbc	Z	10:36:14.8	152.4	17.5					
WLF	e PKPbc	Z	10:36:15.5	152.4	2.2					
STU	e PKPbc	Z	10:36:16.6	153.1	8.5					
FUR	e PKPbc	Z	10:36:17.2	153.4	13.0					
BFO	e PKPbc	Z	10:36:17.6	153.6	6.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/05	10:19:24.3	21.600S	174.670W	33.0N				SZGRF

Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	10:39:04.2	147.4	8.6					
NRDL	e PKPbc	Z	10:39:08.3	148.9	8.6					
IBBN	e PKPbc	Z	10:39:09.4	149.2	4.4					
CLZ	e PKPbc	Z	10:39:10.3	149.5	9.3					
CLL	e PKPbc	Z	10:39:10.4	149.7	14.2					
BRG	e PKPbc	Z	10:39:11.3	150.0	16.1					
FBE	e PKPbc	Z	10:39:11.6	150.0	15.1					
BUG	e PKPbc	Z	10:39:11.5	150.1	3.6					
MOX	e PKPbc	Z	10:39:12.7	150.5	11.9					

WERD	e PKPbc	Z	10:39:13.0	150.6	13.3
TANN	e PKPbc	Z	10:39:13.1	150.6	13.6
GUNZ	e PKPbc	Z	10:39:13.4	150.7	13.4
WERN	e PKPbc	Z	10:39:13.7	150.8	13.5
MANZ	e PKPbc	Z	10:39:14.2	151.1	13.1
TNS	e PKPbc	Z	10:39:14.6	151.3	6.0
ROTZ	e PKPbc	Z	10:39:14.6	151.3	13.4
GRA1	e PKPbc	Z	10:39:15.2	151.5	11.5
WET	e PKPbc	Z	10:39:16.0	151.8	15.0
WLF	e PKPbc	Z	10:39:16.7	151.9	1.6
GEC2	e PKPbc	Z	10:39:16.0	151.9	16.7
STU	e PKPbc	Z	10:39:17.8	152.7	7.8
FUR	e PKPbc	Z	10:39:18.4	153.0	12.3
BFO	e PKPbc	Z	10:39:18.7	153.2	6.2

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/05	13:35:25.8	46.913N	155.311E	33.0N	5.0			SZGRF

East of Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e P	Z	13:47:14.9	76.8	23.8	1.6	30	5.2		
MOX	e P	Z	13:47:18.8	77.5	24.5	1.5	20	5.0		
GRA1	e P	Z	13:47:24.2	78.5	24.1	1.7	60	5.3		
WET	e P	Z	13:47:24.8	78.6	25.1	1.8	32	5.1		
GEC2	e P	Z	13:47:24.8	78.6	25.6	1.8	14	4.7		
BFO	e P	Z	13:47:35.0	80.5	22.2	1.3	13	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/05	16:37: 1.9	2.106S	13.788W	33.0N	4.6			SZGRF

North of Ascension Island

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	16:46:38.2	56.1	210.6	1.5	9	4.6		
GEC2	e P	Z	16:46:40.1	56.2	213.7	1.6	14	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/05	17:26:45.5	21.770S	177.870W	33.0N				SZGRF

Fiji Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	17:46:25.2	147.2	14.1					
NRDL	e PKPbc	Z	17:46:29.2	148.7	14.4					
CLZ	e PKPbc	Z	17:46:31.0	149.3	15.1					

	e PKPab	Z	17:46:35.6			
CLL	e PKPbc	Z	17:46:30.6	149.3	20.0	
	e PKPab	Z	17:46:35.4			
BRG	e PKPbc	Z	17:46:31.3	149.5	22.0	
	e PKPab	Z	17:46:36.4			
FBE	e PKPbc	Z	17:46:31.8	149.6	20.9	
	e PKPab	Z	17:46:36.9			
MOX	e PKPbc	Z	17:46:33.1	150.2	17.9	
	e PKPab	Z	17:46:39.2			
TANN	e PKPbc	Z	17:46:33.4	150.2	19.6	
	e PKPab	Z	17:46:39.4			
WERD	e PKPbc	Z	17:46:33.3	150.2	19.3	
	e PKPab	Z	17:46:39.3			
GUNZ	e PKPbc	Z	17:46:33.6	150.3	19.4	
WERN	e PKPbc	Z	17:46:33.8	150.4	19.5	
	e PKPab	Z	17:46:40.3			
MANZ	e PKPbc	Z	17:46:34.4	150.7	19.2	
ROTZ	e PKPbc	Z	17:46:34.8	150.9	19.5	
TNS	e PKPbc	Z	17:46:35.3	151.1	12.2	
GRA1	e PKPbc	Z	17:46:35.2	151.2	17.7	
GEC2	e PKPdf	Z	17:46:30.2	151.4	22.9	
	e PKPbc	Z	17:46:35.9			
WLF	e PKPbc	Z	17:46:37.6	151.9	8.0	
FUR	e PKPbc	Z	17:46:38.3	152.6	18.7	
BFO	e PKPbc	Z	17:46:39.3	153.0	12.8	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/05	18:28:58.2	41.093N	72.856E	33.0N	4.3	4.1		SZGRF

Kyrgyzstan

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	18:36:53.7	42.9	77.1	0.9	6	4.3		
	e L	Z	18:56:20.6			18.9	207		4.1	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/05	20:15:37.4	46.104N	153.133E	33.0N	4.8			SZGRF

Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e P	Z	20:27:24.7	76.7	27.2	1.2	15	5.0		
CLZ	e P	Z	20:27:27.1	77.0	25.5	1.4	18	5.0		
MOX	e P	Z	20:27:31.0	77.7	26.2	1.2	10	4.8		
GRA1	e P	Z	20:27:36.6	78.7	25.9	1.0	11	4.8		
WET	e P	Z	20:27:36.6	78.7	26.9	1.1	8	4.7		
TNS	e P	Z	20:27:38.2	78.9	24.1	1.1	9	4.7		

	BFO	e P	Z	20:27:47.7	80.7	23.9	1.4	11	4.7

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/06	01:58:17.5	35.986N	30.148E	2.0G		3.7		EMSC

Eastern Mediterranean Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e L	Z	02:09:28.3	17.6	130.8	18.0	410		3.7	
WET	e Pn	Z	02:02:25.2	18.2	129.8					
	e L	Z	02:09:48.4			18.0	430		3.8	
FUR	e L	Z	02:10:03.4	18.5	124.3	18.5	449		3.8	
BRG	e L	Z	02:11:16.0	18.9	135.8	18.3	377		3.7	
ROTZ	e L	Z	02:10:19.8	19.0	129.9	20.2	365		3.7	
MANZ	e L	Z	02:10:35.8	19.1	130.2	21.1	320		3.6	
WERN	e Pn	Z	02:02:37.8	19.2	131.3					
TANN	e L	Z	02:09:40.8	19.3	131.8	19.8	357		3.7	
GUNZ	e Pn	Z	02:02:38.7	19.3	131.4					
GRA1	e Pn	Z	02:02:38.4	19.4	127.8					
	e S	Z	02:06:20.4							
	e L	Z	02:11:25.1			18.0	465		3.9	
GRFO	e L	Z	02:11:06.4	19.4	127.8	19.7	306		3.6	
CLL	e L	Z	02:11:47.4	19.6	134.7	18.4	362		3.7	
MOX	e Pn	Z	02:02:44.4	19.8	130.6					
	e L	Z	02:10:56.3			18.5	279		3.6	
STU	e L	Z	02:11:41.7	20.0	122.0	19.0	286		3.6	
BFO	e Pn	Z	02:02:51.8	20.2	119.5					
	e L	Z	02:11:00.0			19.0	203		3.5	
TNS	e L	Z	02:12:41.3	21.2	124.0	18.3	410		3.9	
CLZ	e L	Z	02:10:49.2	21.2	130.7	20.0	321		3.7	
NRDL	e L	Z	02:11:16.4	21.7	131.5	21.6	254		3.6	
RGN	e L	Z	02:13:59.1	21.9	141.1	20.8	213		3.5	
BUG	e L	Z	02:12:38.7	22.5	124.6	20.1	289		3.7	
BSEG	e L	Z	02:13:35.9	22.6	134.5	18.5	272		3.7	
IBBN	e L	Z	02:13:05.7	22.7	127.1	20.9	274		3.7	
HLG	e L	Z	02:14:32.2	23.8	130.7	19.4	218		3.6	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/06	22:07:25.3	23.450S	179.190W	33.0G				SZGRF

South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	22:27:09.1	148.7	17.0					
	e PKPab	Z	22:27:12.3							
CLL	e PKPbc	Z	22:27:13.9	150.6	23.2					
	e PKPab	Z	22:27:20.3							

CLZ	e PKPbc	Z	22:27:14.3	150.7	18.1
BRG	e PKPbc	Z	22:27:14.3	150.7	25.3
	e PKPab	Z	22:27:20.9		
MOX	e PKPbc	Z	22:27:16.0	151.5	21.2
	e PKPab	Z	22:27:24.0		
TANN	e PKPbc	Z	22:27:16.3	151.6	22.9
MANZ	e PKPbc	Z	22:27:17.4	152.0	22.5
	e PKPab	Z	22:27:26.5		
ROTZ	e PKPbc	Z	22:27:17.6	152.2	22.9
GRA1	e PKPbc	Z	22:27:18.3	152.5	21.1
	e PKPab	Z	22:27:29.3		
TNS	e PKPbc	Z	22:27:18.5	152.6	15.3
WET	e PKPbc	Z	22:27:18.6	152.6	24.6
	e PKPab	Z	22:27:29.6		
GEC2	e PKPbc	Z	22:27:18.6	152.6	26.4
BFO	e PKPab	Z	22:27:36.3	154.4	16.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/06	22:48:56.2	36.041N	71.661E	204.8	4.6			SZGRF

Afghanistan-Tajikistan border region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	22:56:51.3	45.0	83.8	1.3	14	4.7		
	e pP	Z	22:57:35.4							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/07	02:28:14.4	22.530S	178.110W	33.0N				SZGRF

South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	02:47:56.2	148.0	14.8					
RUE	e PKPbc	Z	02:47:58.2	148.7	21.5					
NRDL	e PKPbc	Z	02:47:59.9	149.4	15.0					
CLL	e PKPdf	Z	02:47:56.9	150.0	20.8	1.4	18			
	i PKPbc	Z	02:48:01.3			0.9	81			
	i PKPab	Z	02:48:06.6			0.8	48			
	e pPKPbc	Z	02:50:17.8							
CLZ	e PKPbc	Z	02:48:01.7	150.0	15.8					
BRG	e PKPbc	Z	02:48:02.0	150.1	22.8					
	e PKPab	Z	02:48:07.8							
FBE	e PKPbc	Z	02:48:02.4	150.2	21.7					
	e PKPab	Z	02:48:08.4							
MOX	e PKPbc	Z	02:48:03.6	150.9	18.7					
TANN	e PKPbc	Z	02:48:03.9	150.9	20.4					
WERD	e PKPbc	Z	02:48:03.9	150.9	20.1					

	e PKPab	Z	02:48:11.1		
GUNZ	e PKPbc	Z	02:48:04.3	151.0	20.2
	e PKPab	Z	02:48:11.7		
WERN	e PKPbc	Z	02:48:04.5	151.1	20.3
	e PKPab	Z	02:48:12.0		
MANZ	e PKPbc	Z	02:48:05.0	151.4	20.0
ROTZ	e PKPbc	Z	02:48:05.2	151.6	20.3
TNS	e PKPbc	Z	02:48:06.1	151.8	12.9
	e PKPab	Z	02:48:14.5		
GRA1	e PKPbc	Z	02:48:06.2	151.9	18.5
	e PKPab	Z	02:48:15.5		
WET	e PKPbc	Z	02:48:06.3	152.0	22.0
	e PKPab	Z	02:48:15.9		
GEC2	e PKPbc	Z	02:48:06.5	152.1	23.8
	e PKPab	Z	02:48:16.0		
WLF	e PKPbc	Z	02:48:08.4	152.7	8.6
STU	e PKPbc	Z	02:48:08.9	153.1	15.1
	e PKPab	Z	02:48:20.1		
FUR	e PKPbc	Z	02:48:09.2	153.3	19.6
	e PKPab	Z	02:48:21.4		
BFO	e PKPbc	Z	02:48:09.8	153.7	13.5
	e PKPab	Z	02:48:22.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/07	18:55:10.2	16.890S	68.800W	65.4	5.7			SZGRF

Peru-Bolivia border region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z	19:08:17.8	93.5	247.8	1.4	89	6.0		
	e pP	Z	19:08:35.2							
BFO	e SKSac	E	19:18:56.8	94.3	249.3					
	e L	Z	19:47:49.2							
BUG	e P	Z	19:08:23.0	94.8	248.7	1.3	65	5.9		
	e pP	Z	19:08:40.7							
STU	e pP	Z	19:08:42.0	95.0	250.0					
	e SKSac	E	19:19:00.2							
TNS	e P	Z	19:08:24.9	95.1	249.5	1.0	26	5.6		
	e pP	Z	19:08:42.6							
	e SKSac	E	19:19:00.9							
	e L	Z	19:49:56.3							
IBBN	e P	Z	19:08:26.1	95.4	249.2	1.3	67	5.9		
	e pP	Z	19:08:43.5							
FUR	e pP	Z	19:08:47.6	96.1	251.4					
	e SKSac	E	19:19:05.7							
UBBA	e pP	Z	19:08:47.3	96.2	250.8					
	e SKSac	E	19:19:07.5							
GRA1	e P	Z	19:08:31.4	96.6	251.6	1.3	35	5.7		

	e pP	Z	19:08:49.6						
	e SKSac	E	19:19:08.4						
	e L	Z	19:48:55.7						
CLZ	e P	Z	19:08:32.9	96.7	251.2	1.1	35	5.9	
	e pP	Z	19:08:50.1						
NRDL	e P	Z	19:08:33.1	96.8	251.0	1.2	31	5.8	
	e pP	Z	19:08:50.4						
	e SKSac	E	19:19:10.8						
MOX	e pP	Z	19:08:51.7	97.1	252.0				
	e SKSac	E	19:19:11.4						
ROTZ	e P	Z	19:08:34.7	97.2	252.3	1.2	24	5.7	
	e pP	Z	19:08:52.2						
	e SKSac	E	19:19:11.1						
BSEG	e P	Z	19:08:35.5	97.4	251.4	1.0	28	5.8	
	e pP	Z	19:08:52.6						
	e SKSac	E	19:19:12.9						
WET	e P	Z	19:08:36.0	97.4	252.7	1.3	25	5.7	
	e pP	Z	19:08:53.3						
	e SKSac	E	19:19:11.5						
TANN	e P	Z	19:08:37.1	97.5	252.6	1.5	44	5.9	
	e pP	Z	19:08:54.1						
	e SKSac	E	19:19:12.2						
GEC2	e P	Z	19:08:37.7	97.8	253.3	1.0	14	5.6	
	e pP	Z	19:08:55.0						
	e SKSac	E	19:19:13.4						
CLL	e P	Z	19:08:38.9	98.1	253.1	1.1	17	5.7	
	e pP	Z	19:08:56.5						
	e SKSac	E	19:19:15.4						
BRG	e pP	Z	19:08:58.6	98.6	253.7				
	e SKSac	E	19:19:17.2						

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/07	22:41:11.1	69.283N	13.903W	33.0N	4.6			SZGRF

Jan Mayen Island region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	22:46:13.6	23.0	337.4	1.7	31	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/07	23:00:42.5	68.989N	14.220W	33.0N	5.2	3.8		SZGRF

Iceland region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	23:05:43.7	22.9	336.7	2.2	160	5.2		
	e L	Z	23:15:34.8			18.3	315		3.8	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/08	01:32:58.3	42.879N	13.281E	10.0G			3.8	SZGRF

Central Italy

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
KBA	e Pn	Z	01:34:02.0	4.2	180.6					3.8
WTTA	e Pn	Z	01:34:07.5	4.5	164.6					
ARSA	e Pn	Z	01:34:07.2	4.6	200.7					
DAVA	e Pn	Z	01:34:14.6	5.0	150.2					
MOA	e Pn	Z	01:34:13.3	5.0	188.3					
	e Sn	N	01:35:12.0							
GEC2	e Pn	Z	01:34:25.2	6.0	183.0					
	e Sn	N	01:35:32.7							
WET	e Pn	Z	01:34:29.4	6.3	177.3					
	e Sn	N	01:35:38.3							
GRA1	e Sn	N	01:35:54.4	7.0	167.4					
TANN	e Pn	Z	01:34:47.6	7.6	175.4					
MOX	e Sn	N	01:36:16.5	7.8	171.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/08	07:15:17.1	48.010N	152.040E	33.0N	5.6	4.9		SZGRF

Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	07:26:46.6	73.0	25.7	0.9	62	5.7		
RUE	e P	Z	07:26:48.5	73.4	27.7	0.9	84	5.8		
NRDL	e P	Z	07:26:54.2	74.4	25.4	0.9	47	5.5		
BRG	e P	Z	07:26:56.2	74.8	27.6	0.9	26	5.2		
FBE	e P	Z	07:26:57.1	74.9	27.2	0.8	56	5.6		
CLZ	e P	Z	07:26:57.6	74.9	25.5	0.9	98	5.8		
IBBN	e P	Z	07:26:58.6	75.2	23.8	0.9	91	5.8		
TANN	e P	Z	07:27:01.3	75.6	26.6	1.2	28	5.3		
WERD	e P	Z	07:27:01.3	75.6	26.5	1.0	30	5.4		
MOX	e P	Z	07:27:01.4	75.7	26.1	0.9	51	5.6		
GUNZ	e P	Z	07:27:01.8	75.7	26.5	0.9	47	5.6		
WERN	e P	Z	07:27:02.2	75.8	26.5	0.9	60	5.7		
UBBA	e P	Z	07:27:03.0	75.9	25.1	0.9	15	5.1		
BUG	e P	Z	07:27:03.8	76.1	23.4	1.0	85	5.8		
MANZ	e P	Z	07:27:03.9	76.1	26.3	1.0	43	5.5		
ROTZ	e P	Z	07:27:05.1	76.3	26.4	0.9	54	5.7		
GRA1	e P	Z	07:27:07.4	76.6	25.8	0.9	124	6.1		
	e L	Z	08:04:21.8			18.4	522		4.9	
WET	e P	Z	07:27:07.4	76.6	26.7	0.9	59	5.7		
GEC2	e P	Z	07:27:07.0	76.7	27.2	0.9	29	5.4		

TNS	e P	Z	07:27:08.5	76.9	24.1	0.9	70	5.8
FUR	e P	Z	07:27:14.7	78.0	25.6	1.0	98	5.9
WLF	e P	Z	07:27:14.6	78.0	22.6	1.2	44	5.4
STU	e P	Z	07:27:14.7	78.0	24.4	1.0	69	5.7
BFO	e P	Z	07:27:18.1	78.7	23.8	1.0	66	5.6

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/08	10:21:41.8	6.621N	40.701W	25.6	5.0	4.3		SZGRF

North Atlantic Ocean

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	10:31:53.6	61.0	243.3	1.8	48	5.0		
	e pP	Z	10:32:00.7							
	e L	Z	10:52:12.5			20.7	202		4.3	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/08	12:05: 7.5	7.199N	41.323W	33.0N	4.7	4.2		SZGRF

North Atlantic Ocean

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	12:15:17.6	60.9	244.3	1.1	14	4.7		
	e L	Z	12:40:17.8			18.5	179		4.2	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/08	13:00:27.0	9.869N	38.401W	33.0N	4.7	4.0		SZGRF

Central Mid-Atlantic Ridge

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	13:10:10.3	57.1	243.4	1.3	11	4.7		
	e L	Z	13:30:27.3			21.1	122		4.0	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/08	14:32:18.7	9.695N	40.553W	33.0N	4.9	4.1		SZGRF

Central Mid-Atlantic Ridge

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	14:42:11.8	58.5	245.3	1.3	17	4.9		
	e L	Z	14:59:58.6			21.2	143		4.1	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/08	16:27:55.7	6.790N	40.752W	33.0N	5.1	4.4		SZGRF

North Atlantic Ocean

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	16:38:05.8	60.9	243.5	1.3	45	5.1		
	e L	Z	17:03:41.7			20.9	281		4.4	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/08								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z	23:01:33.7							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/09								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKP	Z	00:18:22.2							
GEC2	e PKP	Z	00:18:27.1							
GRA1	e PKP	Z	00:18:26.2							
MANZ	e PKP	Z	00:18:26.0							
TANN	e PKP	Z	00:18:24.9							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/09	02:22:55.2	38.110N	39.390E	10.0G	5.1	4.4		SZGRF

Turkey

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	02:27:42.9	21.4	110.5	1.1	54	4.8		
	e S	T	02:31:42.8							
WET	e P	Z	02:27:49.6	22.0	110.1	1.8	106	4.9		
	e S	T	02:31:53.0							
BRG	e P	Z	02:27:48.2	22.0	115.6	1.8	84	4.9		
	e S	T	02:31:55.2							
FBE	e P	Z	02:27:54.6	22.4	114.8	1.2	80	5.0		
ROTZ	e P	Z	02:27:56.3	22.6	110.7	1.0	150	5.4		
	e S	T	02:32:02.7							
FUR	e P	Z	02:27:56.7	22.7	105.9	0.9	188	5.5		
	e S	T	02:32:05.6							
TANN	e P	Z	02:27:57.2	22.7	112.5	1.6	101	5.0		
	e S	T	02:32:05.7							
WERN	e P	Z	02:27:57.6	22.7	112.1	1.4	158	5.3		

CLL	e P	Z	02:27:58.0	22.7	115.2	1.0	60	5.0	
	e S	T	02:32:05.0						
MANZ	e P	Z	02:27:58.4	22.7	111.0	1.0	67	5.0	
	e S	T	02:32:07.3						
GUNZ	e P	Z	02:27:58.3	22.7	112.2	1.5	132	5.1	
WERD	e P	Z	02:27:58.8	22.8	112.3	1.3	73	4.9	
RUE	e P	Z	02:27:58.2	22.8	118.8	1.5	155	5.2	
	e S	T	02:32:05.8						
GRA1	e P	Z	02:28:02.2	23.2	109.2	1.1	187	5.5	
	e S	T	02:32:14.3						
	e L	Z	02:36:34.4			26.8	1818		4.4
GRFO	e S	T	02:32:14.3	23.2	109.2				
MOX	e P	Z	02:28:03.8	23.3	111.8	1.2	38	4.8	
	e S	T	02:32:16.7						
RGN	e S	T	02:32:30.0	24.1	122.2				
STU	e P	Z	02:28:10.9	24.2	104.8	1.0	68	5.1	
	e S	T	02:32:30.0						
UBBA	e P	Z	02:28:13.3	24.3	110.1				
	e S	T	02:32:34.7						
CLZ	e P	Z	02:28:14.4	24.4	112.7	1.0	32	4.8	
	e S	T	02:32:36.8						
BFO	e P	Z	02:28:16.5	24.6	102.9	1.1	48	5.0	
	e S	T	02:32:38.7						
TNS	e P	Z	02:28:20.7	25.0	107.0	1.5	98	5.3	
	e S	T	02:32:57.7						
BSEG	e P	Z	02:28:24.8	25.3	116.7	1.4	70	5.2	
	e S	T	02:32:53.0						
BUG	e P	Z	02:28:31.0	26.1	108.1	1.1	68	5.2	
WLF	e P	Z	02:28:32.0	26.3	103.3	1.0	38	5.0	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/09	03:26:17.9	29.757S	178.693W	600.0G				GSRC

Kermadec Islands, New Zealand

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPab	Z	03:45:38.5	156.8	26.5					
BRG	e PKPab	Z	03:45:40.0	156.9	28.9					
CLZ	e PKPab	Z	03:45:40.6	156.9	20.4					
IBBN	e PKPab	Z	03:45:40.5	157.0	14.4					
FBE	e PKPab	Z	03:45:40.7	157.0	27.6					
TANN	e PKPab	Z	03:45:44.2	157.7	26.3					
WERD	e PKPab	Z	03:45:44.2	157.7	25.9					
MOX	e PKPab	Z	03:45:43.8	157.7	24.2					
GUNZ	e PKPab	Z	03:45:44.4	157.8	26.1					
WERN	e PKPab	Z	03:45:44.8	157.8	26.2					
MANZ	e PKPab	Z	03:45:46.1	158.2	26.0					
ROTZ	e PKPab	Z	03:45:47.5	158.4	26.4					

GRA1	e PKPab	Z	03:45:48.1	158.7	24.3
GEC2	e PKPab	Z	03:45:48.2	158.7	30.9
WET	e PKPab	Z	03:45:48.0	158.7	28.7
STU	e PKPab	Z	03:45:54.2	160.1	20.4
FUR	e PKPab	Z	03:45:54.2	160.1	26.2
BFO	e PKPab	Z	03:45:56.4	160.7	18.7

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/09	04:50:48.5	19.019S	179.964E	33.0N				SZGRF

South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
NRDL	e PKPbc	Z	05:10:22.7	145.6	17.1					
CLL	e PKPbc	Z	05:10:24.3	146.1	22.5					
CLZ	e PKPbc	Z	05:10:24.4	146.2	17.9					
BRG	e PKPbc	Z	05:10:25.0	146.3	24.3					
FBE	e PKPbc	Z	05:10:25.2	146.4	23.3					
NEUB	e PKPbc	Z	05:10:25.2	146.5	20.5					
MOX	e PKPbc	Z	05:10:26.8	147.0	20.6					
TANN	e PKPbc	Z	05:10:26.9	147.1	22.1					
WERD	e PKPbc	Z	05:10:26.8	147.1	21.8					
GUNZ	e PKPbc	Z	05:10:27.2	147.1	21.9					
MANZ	e PKPbc	Z	05:10:28.2	147.5	21.8					
ROTZ	e PKPbc	Z	05:10:28.6	147.7	22.1					
GRA1	e PKPbc	Z	05:10:30.2	148.0	20.4					
GEC2	e PKPbc	Z	05:10:29.8	148.2	25.2					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/09	08:58:37.7	40.587N	142.972E	33.0N	4.6			SZGRF

Near east coast of eastern Honshu, Japan

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	09:10:45.6	80.3	35.1	0.8	5	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/09	22:14: 8.9	31.100N	35.500E	15.0G	4.6			GII

Eastern Mediterranean Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	22:19:24.2	24.2	129.1	1.4	32	4.7		
	e pP	Z	22:19:30.7			1.4	32			
WET	e P	Z	22:19:30.0	24.8	128.3					
BRG	e P	Z	22:19:35.7	25.4	132.8	1.0	15	4.7		

	e pP	Z	22:19:41.0			1.0	15		
FBE	e P	Z	22:19:38.9	25.7	131.9	1.1	18	4.6	
	e pP	Z	22:19:43.9			1.1	18		
WERN	e P	Z	22:19:40.1	25.8	129.4	1.5	20	4.5	
	e pP	Z	22:19:44.7			1.5	20		
TANN	e P	Z	22:19:40.3	25.8	129.7	1.3	14	4.4	
	e pP	Z	22:19:44.8			1.3	14		
WERD	e P	Z	22:19:40.6	25.9	129.5				
GRA1	e P	Z	22:19:41.8	26.0	126.6	1.8	54	4.9	
CLL	e P	Z	22:19:42.5	26.1	132.0	1.2	22	4.7	
	e pP	Z	22:19:47.8			1.2	22		
MOX	e P	Z	22:19:45.5	26.4	128.7	1.4	40	4.9	
	e pP	Z	22:19:50.5			1.4	40		
RUE	e pP	Z	22:19:51.2	26.6	134.9	1.2	38		
BFO	e P	Z	22:19:48.6	26.8	120.0	1.1	9	4.4	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/10	09:13: 1.6	35.767N	21.120E	10.0G		3.9		SZGRF

Central Mediterranean Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z	09:16:18.6	14.2	154.7					
FUR	e Pn	Z	09:16:26.6	14.4	146.0					
WET	e Pn	Z	09:16:26.7	14.7	152.7					
MANZ	e Pn	Z	09:16:39.2	15.7	151.9					
GRA1	e Pn	Z	09:16:40.1	15.7	148.9					
	e L	Z	09:24:58.8			22.0	825		3.9	
BFO	e Pn	Z	09:16:41.8	15.7	138.4					
WERN	e Pn	Z	09:16:42.7	15.8	153.1					
GUNZ	e Pn	Z	09:16:44.2	15.9	153.1					
TANN	e Pn	Z	09:16:45.1	15.9	153.6					
BRG	e Pn	Z	09:16:44.3	16.0	158.4					
WERD	e Pn	Z	09:16:47.1	16.0	153.2					
FBE	e Pn	Z	09:16:47.0	16.2	156.8					
MOX	e Pn	Z	09:16:50.1	16.4	151.6					
CLL	e Pn	Z	09:16:52.7	16.6	156.3					
TNS	e Pn	Z	09:17:01.6	17.1	142.8					
RUE	e Pn	Z	09:17:04.4	17.5	159.8					
WLF	e Pn	Z	09:17:05.8	17.7	136.3					
NRDL	e Pn	Z	09:17:16.6	18.5	150.7					
BUG	e Pn	Z	09:17:20.2	18.5	142.3					
IBBN	e Pn	Z	09:17:25.7	19.1	145.0					
BSEG	e Pn	Z	09:17:29.8	19.7	153.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source

2007/02/10 19:33: 1.8 17.176S 173.749W 33.0N SZGRF
Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
IBBN	e PKPbc	Z	19:52:34.4	144.8	2.5					
CLZ	e PKPbc	Z	19:52:35.3	145.2	6.9					
CLL	e PKPbc	Z	19:52:35.7	145.4	11.4					
BRG	e PKPbc	Z	19:52:37.1	145.7	13.1					
MOX	e PKPbc	Z	19:52:38.6	146.3	9.3					
ROTZ	e PKPbc	Z	19:52:40.8	147.1	10.5					
GRA1	e PKPbc	Z	19:52:41.3	147.2	8.8					
GEC2	e PKPbc	Z	19:52:42.5	147.8	13.4					
BFO	e PKPbc	Z	19:52:45.7	148.8	3.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/11	04:39:18.3	36.899N	72.993E	33.0N	4.8			SZGRF

Afghanistan-Tajikistan border region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
FBE	e P	Z	04:47:21.5	43.9	84.6	1.2	19	4.7		
CLL	e P	Z	04:47:22.1	44.1	84.8	1.2	18	4.7		
GRA1	e P	Z	04:47:33.8	45.4	81.9	1.2	17	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/11	06:21:53.2	35.258N	21.358E	10.0G				SZGRF

Central Mediterranean Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z	06:25:18.5	14.7	154.6					
FUR	e Pn	Z	06:25:23.3	14.9	146.2					
WET	e Pn	Z	06:25:24.9	15.2	152.7					
ROTZ	e Pn	Z	06:25:35.5	16.0	151.8					
MANZ	e Pn	Z	06:25:38.6	16.2	151.9					
GRA1	e Pn	Z	06:25:39.0	16.2	149.0					
BFO	e Pn	Z	06:25:39.7	16.2	138.8					
WERN	e Pn	Z	06:25:41.6	16.4	153.1					
TANN	e Pn	Z	06:25:44.0	16.5	153.6					
BRG	e Pn	Z	06:25:43.6	16.5	158.2					
WERD	e Pn	Z	06:25:45.1	16.5	153.2					
FBE	e Pn	Z	06:25:46.2	16.7	156.7					
MOX	e Pn	Z	06:25:49.1	16.9	151.7					
CLL	e Pn	Z	06:25:51.6	17.1	156.3					
TNS	e Pn	Z	06:25:59.9	17.7	143.0					
WLF	e Pn	Z	06:26:06.0	18.2	136.7					
CLZ	e Pn	Z	06:26:07.9	18.3	150.4					

NRDL	e Pn	Z	06:26:16.3	19.0	150.7
BUG	e Pn	Z	06:26:17.1	19.1	142.5
BSEG	e P	Z	06:26:27.5	20.2	153.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/11	09:09: 9.1	21.400N	106.300W	48.0	5.7			NEIC

Off coast of central Mexico

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z	09:21:51.8	87.3	300.5	1.2	55	5.6		
GRA1	e P	Z	09:22:08.3	90.0	304.3	2.0	120	5.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/11	10:47:28.2	5.600N	94.580E	33.0N	5.6			SZGRF

Northern Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	10:59:33.4	79.8	93.7	0.7	47	5.5		
	e		10:59:58.6							
GEC2	e P	Z	10:59:33.8	79.8	93.2	0.8	110	5.8		
	e		10:59:58.8							
RUE	e P	Z	10:59:34.3	80.0	93.9	0.6	192	6.2		
	e		10:59:59.4							
FBE	e P	Z	10:59:35.5	80.1	93.3	0.8	83	5.7		
WET	e P	Z	10:59:36.7	80.3	92.6	0.8	59	5.6		
	e		11:00:02.0							
CLL	e P	Z	10:59:36.2	80.4	93.1	1.0	32	5.2		
TANN	e P	Z	10:59:38.1	80.7	92.5	1.5	57	5.4		
WERN	e P	Z	10:59:38.6	80.7	92.4	0.7	22	5.3		
GUNZ	e P	Z	10:59:38.9	80.7	92.4	0.7	30	5.4		
WERD	e P	Z	10:59:38.8	80.8	92.4	0.7	34	5.5		
ROTZ	e P	Z	10:59:39.3	80.8	92.2	0.8	56	5.7		
MANZ	e P	Z	10:59:39.8	80.9	92.2	0.8	60	5.7		
MOX	e P	Z	10:59:41.2	81.2	91.9	0.7	27	5.4		
FUR	e P	Z	10:59:41.7	81.4	91.2	0.7	61	5.7		
GRA1	e P	Z	10:59:42.6	81.4	91.4	0.9	68	5.7		
CLZ	e P	Z	10:59:45.5	82.0	91.1	1.0	63	5.7		
BSEG	e P	Z	10:59:45.9	82.1	91.3					
NRDL	e P	Z	10:59:46.4	82.2	91.0					
STU	e P	Z	10:59:49.1	82.8	89.8	0.7	36	5.7		
TNS	e P	Z	10:59:52.0	83.2	89.4	1.1	48	5.7		
BFO	e P	Z	10:59:51.8	83.3	89.1	0.8	38	5.7		
IBBN	e P	Z	10:59:53.9	83.6	89.1	0.7	62	5.9		
BUG	e P	Z	10:59:55.5	83.9	88.6	0.7	36	5.7		
WLF	e P	Z	10:59:59.9	84.7	87.6	1.4	77	5.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/11	15:05: 9.3	36.828N	70.796E	196.4	4.8			SZGRF

Hindu Kush, Afghanistan, region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	15:12:59.0	42.2	86.7	0.9	20	4.9		
RUE	e P	Z	15:12:58.9	42.2	88.3	1.1	43	5.1		
FBE	e P	Z	15:13:01.8	42.5	86.3	1.0	26	4.9		
CLL	e P	Z	15:13:03.1	42.7	86.5	0.9	12	4.6		
GUNZ	e P	Z	15:13:07.5	43.2	85.0	1.1	16	4.7		
WERD	e P	Z	15:13:07.8	43.2	85.0	3.2	194	5.3		
ROTZ	e P	Z	15:13:08.3	43.4	84.3	1.2	14	4.6		
MANZ	e P	Z	15:13:09.2	43.4	84.4	1.2	12	4.5		
MOX	e P	Z	15:13:11.0	43.7	84.8	1.0	14	4.6		
	e pP	Z	15:13:52.6							
GRA1	e P	Z	15:13:13.9	44.0	83.5	2.0	81	5.1		
	e pP	Z	15:13:56.2							
BSEG	e P	Z	15:13:15.9	44.2	87.2	0.8	27	5.0		
CLZ	e P	Z	15:13:16.3	44.3	85.1	1.2	18	4.7		
	e pP	Z	15:13:59.5							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/11								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z	18:56:54.9							
	e Sn	N	18:57:52.3							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/11	21:02:59.0	52.940N	157.350E	33.0N	5.1			SZGRF

Kamchatka Peninsula, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z	21:14:12.7	70.3	22.3	0.8	32	5.5		
CLL	e P	Z	21:14:19.4	71.5	21.7	0.9	24	5.3		
CLZ	e P	Z	21:14:21.0	71.6	20.2	1.3	57	5.5		
BRG	e P	Z	21:14:20.5	71.7	22.2	1.0	7	4.8		
IBBN	e P	Z	21:14:21.1	71.7	18.7	1.3	52	5.5		
FBE	e P	Z	21:14:21.8	71.8	21.9	1.0	18	5.1		
MOX	e P	Z	21:14:25.6	72.5	20.8	1.0	12	5.0		
WERD	e P	Z	21:14:25.8	72.5	21.2	1.1	14	5.0		
GUNZ	e P	Z	21:14:26.4	72.6	21.2	0.9	11	5.0		

WERN	e P	Z	21:14:26.8	72.6	21.2	0.9	15	5.1
BUG	e P	Z	21:14:26.7	72.6	18.4	1.3	37	5.3
MANZ	e P	Z	21:14:28.4	73.0	21.1	1.0	10	4.9
ROTZ	e P	Z	21:14:29.6	73.2	21.1	1.0	11	4.9
GRA1	e P	Z	21:14:31.9	73.4	20.5	1.2	34	5.3
TNS	e P	Z	21:14:32.2	73.6	18.9	0.8	10	4.9
WET	e P	Z	21:14:32.6	73.6	21.4	1.0	18	5.0
GEC2	e P	Z	21:14:32.5	73.7	21.9	0.7	9	4.9
FUR	e P	Z	21:14:39.9	74.9	20.4	1.4	41	5.3
BFO	e P	Z	21:14:42.1	75.4	18.7	1.6	40	5.3

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/12	02:08:56.3	5.000S	144.900E	35.0		5.6		NEIC

New Guinea, Papua New Guinea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKPdf	Z	02:27:38.5	118.7	59.0					
TANN	e PKPdf	Z	02:27:41.6	119.7	57.8					
WERD	e PKPdf	Z	02:27:42.5	119.8	57.7					
GUNZ	e PKPdf	Z	02:27:42.8	119.8	57.7					
WERN	e PKPdf	Z	02:27:42.5	119.8	57.8					
WET	e PKPdf	Z	02:27:42.7	120.1	58.8					
GRA1	e PKPdf	Z	02:27:43.2	120.8	57.0					
	e PKKPbc	Z	02:37:48.4							
	e L	Z	03:20:54.8			20.8	1438		5.6	
FUR	e PKPdf	Z	02:27:46.0	121.6	57.8					
BUG	e PKPdf	Z	02:27:44.8	121.8	52.2					
STU	e PKPdf	Z	02:27:46.8	122.4	55.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/12	04:51:55.2	47.359N	153.826E	33.0N	4.9			SZGRF

Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	05:03:49.1	77.7	24.9	1.0	12	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/12	10:35:14.7	35.200N	10.690W	10.0G	6.1	5.9		SZGRF

Azores-Cape St. Vincent Ridge

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e P	Z	10:39:39.8	19.2	233.9	1.3	477	5.6		
	e S	T	10:43:09.6							

STU	e	P		Z	10:39:47.8	20.0	234.5	1.4	1254	5.9
	e	S		T	10:43:22.7					
TNS	e	P		Z	10:39:52.4	20.5	230.0	1.0	520	5.7
	e	S		T	10:43:35.1					
BUG	e	P		Z	10:39:55.7	20.7	225.4	1.3	902	6.0
	e	S		T	10:43:37.3					
FUR	e	P		Z	10:39:56.8	20.8	239.5	1.4	1578	6.2
	e	S		T	10:43:41.3					
IBBN	e	P		Z	10:40:04.9	21.6	224.7	0.9	413	5.9
	e	S		T	10:43:53.9					
GRFO	e	S		T	10:43:56.5	21.6	236.1			
GRA1	e	P		Z	10:40:05.1	21.6	236.1	1.4	1574	6.3
	e	S		T	10:43:56.7					
	e	L		Z	10:49:30.7			16.9	37360	5.9
WET	e	P		Z	10:40:11.9	22.2	239.9	1.5	2900	6.5
	e	S		T	10:44:10.2					
MOX	e	P		Z	10:40:12.6	22.3	234.8	1.5	1149	6.1
	e	S		T	10:44:10.5					
WERN	e	P		Z	10:40:14.8	22.5	236.7	1.4	829	6.1
GUNZ	e	P		Z	10:40:15.1	22.5	236.5	1.6	624	5.9
WERD	e	P		Z	10:40:15.4	22.6	236.3	1.5	530	5.9
TANN	e	P		Z	10:40:16.1	22.6	236.6	1.3	596	6.0
	e	S		T	10:44:18.0					
HLG	e	P		Z	10:40:20.8	23.0	221.8	1.2	1060	6.2
	e	S		T	10:44:19.9					
FBE	e	P		Z	10:40:24.3	23.4	237.0	2.1	3102	6.5
CLL	i	P	+	Z	10:40:24.0	23.4	235.7	1.3	849	6.1
	e	PcP		Z	10:44:15.0					
	e	S		E	10:44:32.1					
	e	LR		Z	10:46:22.2					
	e	L		Z	10:50:23.9			18.0	24168	5.7
BRG	e	P		Z	10:40:27.1	23.7	238.0	1.8	2590	6.4
	e	S		T	10:44:40.4					
BSEG	e	P		Z	10:40:27.6	23.8	226.6	1.2	778	6.1
	e	S		T	10:44:38.6					
RUE	e	P		Z	10:40:34.7	24.5	234.8	1.6	1190	6.4
	e	S		T	10:44:53.1					
RGN	e	P		Z	10:40:43.4	25.5	230.5	1.0	409	6.0
	e	S		T	10:45:05.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/12	12:45:28.7	5.500N	126.300E	10.0		5.9		NEIC

Mindanao, Philippine Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e Pdiff	Z	12:59:09.6	99.0	68.6					
BRG	e Pdiff	Z	12:59:11.1	99.5	69.0					

FBE	e Pdiff	Z	12:59:12.7	99.8	68.5				
CLL	e Pdiff	Z	12:59:13.0	99.9	68.1	1.3	48		
	e PP	Z	13:03:21.4						
	e SKSac	E	13:09:53.8						
	e Sdiff	N	13:10:45.0						
	e SP	Z	13:12:21.3						
	e PPS	E	13:13:07.7						
	e SS	E	13:18:19.6						
	e SSS	E	13:21:35.3						
	e L	Z	13:49:28.2			22.0	4506	5.9	
BSEG	e Pdiff	Z	12:59:16.5	100.3	65.4				
TANN	e Pdiff	Z	12:59:16.0	100.5	67.8				
WERD	e Pdiff	Z	12:59:16.8	100.6	67.7				
GUNZ	e Pdiff	Z	12:59:16.9	100.6	67.7				
WERN	e Pdiff	Z	12:59:16.8	100.6	67.8				
WET	e Pdiff	Z	12:59:17.0	100.7	68.4				
MOX	e Pdiff	Z	12:59:17.7	100.9	67.1				
GRA1	e Pdiff	Z	12:59:21.2	101.5	66.9				
	e L	Z	13:49:28.6			21.4	4352	5.9	
IBBN	e Pdiff	Z	12:59:26.6	102.4	63.6				
TNS	e Pdiff	Z	12:59:28.8	102.9	64.6				

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/12	19:10:38.6	46.209N	152.751E	33.0N	4.5			SZGRF

Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	19:22:36.7	78.5	26.1	0.8	4	4.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/12	20:33:33.9	47.593N	154.999E	33.0N	4.9			SZGRF

Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	20:45:28.4	77.8	24.1	1.1	10	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/13	00:58:25.1	4.307S	11.604W	23.9	4.8			SZGRF

North of Ascension Island

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	01:08:11.4	57.5	207.3	1.0	10	4.8		
	e pP	Z	01:08:18.0							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/13	09:59:31.6	24.830S	177.720W	83.0				SZGRF

South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPbc	Z	10:19:17.5	152.3	21.3					
	e		10:19:23.5							
	e PKPab	Z	10:19:27.4							
	e (pPKPbc)	Z	10:19:39.2							
CLZ	e PKPbc	Z	10:19:17.8	152.3	15.9					
BRG	e PKPbc	Z	10:19:18.1	152.5	23.4					
	e PKPab	Z	10:19:28.4							
FBE	e PKPbc	Z	10:19:18.4	152.6	22.2					
	e PKPab	Z	10:19:29.0							
TANN	e PKPab	Z	10:19:31.9	153.2	20.9					
WERD	e PKPbc	Z	10:19:20.0	153.2	20.5					
GUNZ	e PKPab	Z	10:19:32.3	153.3	20.6					
ROTZ	e PKPab	Z	10:19:34.7	153.9	20.8					
GRA1	e PKPab	Z	10:19:36.3	154.2	18.9					
GRFO	e PKPab	Z	10:19:36.3	154.2	18.9					
WET	e PKPab	Z	10:19:36.7	154.3	22.6					
FUR	e PKPab	Z	10:19:42.3	155.6	20.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/13	14:56:38.5	2.284S	78.244W	165.5	5.6			SZGRF

Ecuador

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z	15:09:10.7	88.1	264.2	0.8	106	6.2		
BUG	e P	Z	15:09:14.5	89.0	265.1	1.1	72	5.8		
IBBN	e P	Z	15:09:16.1	89.4	265.4	1.0	30	5.5		
TNS	e P	Z	15:09:17.5	89.6	266.0	1.2	48	5.6		
STU	e P	Z	15:09:19.2	90.0	266.6	0.9	53	5.8		
CLZ	e P	Z	15:09:23.5	90.9	267.5	1.2	38	5.6		
BSEG	e P	Z	15:09:23.7	91.0	267.5	1.5	42	5.6		
GRA1	e P	Z	15:09:25.5	91.4	268.1	1.0	13	5.2		
	e pP	Z	15:10:07.0							
MOX	e P	Z	15:09:27.3	91.7	268.4	1.7	33	5.4		
MANZ	e P	Z	15:09:28.8	92.0	268.8	1.1	20	5.4		
ROTZ	e P	Z	15:09:28.7	92.0	268.9	1.3	34	5.5		
TANN	e P	Z	15:09:29.5	92.2	269.1	1.1	31	5.5		
WET	e P	Z	15:09:31.2	92.5	269.4	1.0	24	5.5		
CLL	e P	Z	15:09:31.0	92.6	269.5	1.4	34	5.6		
GEC2	e P	Z	15:09:32.5	93.0	270.0	1.1	11	5.2		

BRG	e P	Z	15:09:33.9	93.2	270.3	1.1	32	5.7	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/13	19:22:16.7	0.400S	124.200E	102.0				NEIC

Southern Molucca Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PP	Z	19:40:36.1	104.9	72.3					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/13	21:15:57.5	36.774N	33.721W	33.0N	4.5	3.9		SZGRF

Azores Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	21:22:43.6	34.6	265.4	1.0	6	4.5		
	e L	Z	21:34:37.4			20.7	238		3.9	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/14	01:29: 8.1	29.500S	112.200W	10.0				NEIC

Easter Island region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKPdf	Z	01:48:26.9	133.3	273.7					
CLL	e PKPdf	Z	01:48:28.3	134.2	276.7					
	e PP	Z	01:50:56.8							
	e SKPdf	Z	01:52:01.7							
	e (SKSac)	E	01:55:53.3							
	e (Sdiff)	N	01:59:19.7							
	e SP	Z	02:01:13.5							
	e SS	N	02:08:50.4							
	e SSS	N	02:13:38.2							
	e SSSS	N	02:17:18.8							
	e LR	Z	02:34:28.6							
	e L	Z	02:54:10.4			20.0	1244		5.6	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/14	01:47: 2.0	46.272N	154.207E	20.2	5.4			SZGRF

East of Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML

BSEG	e P	Z	01:58:42.7	75.2	24.9	0.9	32	5.4
CLL	e P	Z	01:58:51.8	76.9	26.4	1.0	50	5.6
BRG	e P	Z	01:58:52.7	77.0	27.0	1.0	20	5.2
CLZ	e P	Z	01:58:54.0	77.1	24.7	1.2	74	5.7
IBBN	e P	Z	01:58:54.8	77.3	23.1	1.1	76	5.7
TANN	e P	Z	01:58:57.9	77.8	26.0	1.5	39	5.3
MOX	e P	Z	01:58:57.9	77.8	25.4	1.1	37	5.4
UBBA	e P	Z	01:58:59.3	78.1	24.4	1.4	44	5.4
BUG	e P	Z	01:59:00.0	78.2	22.7	1.1	42	5.4
MANZ	e P	Z	01:59:00.5	78.3	25.7	1.1	24	5.1
ROTZ	e P	Z	01:59:01.8	78.5	25.7	1.5	56	5.4
GRA1	e P	Z	01:59:03.9	78.8	25.1	0.9	72	5.7
	e pP	Z	01:59:09.9					
WET	e P	Z	01:59:04.1	78.8	26.1	1.3	53	5.4
GEC2	e P	Z	01:59:03.8	78.9	26.6	1.8	35	5.1
TNS	e P	Z	01:59:04.9	79.1	23.3	1.0	42	5.4
FUR	e P	Z	01:59:11.3	80.2	25.0	1.2	69	5.6
STU	e P	Z	01:59:11.2	80.2	23.7	0.9	28	5.3
BFO	e P	Z	01:59:14.5	80.8	23.1	1.2	38	5.3

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/14	02:00:58.4	19.610S	178.360W	33.0N				SZGRF

Fiji Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	02:20:31.5	145.0	14.4					
CLZ	e PKPbc	Z	02:20:37.0	147.1	15.2					
CLL	e PKPbc	Z	02:20:37.8	147.1	20.0					
BRG	e PKPbc	Z	02:20:38.7	147.3	21.8					
MOX	e PKPbc	Z	02:20:40.7	148.0	17.9					
TANN	e PKPbc	Z	02:20:40.7	148.0	19.5					
MANZ	e PKPbc	Z	02:20:41.8	148.5	19.1					
ROTZ	e PKPbc	Z	02:20:41.8	148.7	19.4					
GRA1	e PKPbc	Z	02:20:43.2	149.0	17.7					
WET	e PKPbc	Z	02:20:43.8	149.1	21.0					
GEC2	e PKPbc	Z	02:20:43.9	149.2	22.6					
WLF	e PKPbc	Z	02:20:45.9	149.7	8.5					
BFO	e PKPbc	Z	02:20:47.1	150.8	13.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/14	02:41:58.9	35.903N	34.515W	22.4	4.6			SZGRF

Azores Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	02:48:53.9	35.6	264.9	1.2	11	4.6		

		e pP	Z	02:48:59.7						

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/14	08:10: 8.7	33.780N	141.950E	37.8	5.3			SZGRF

Off east coast of Honshu, Japan

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	08:22:32.2	82.9	38.8	0.6	9	5.2		
BRG	e P	Z	08:22:36.6	83.8	41.2	1.3	27	5.3		
CLL	e P	Z	08:22:36.5	83.8	40.6	1.3	46	5.6		
	e PcP	Z	08:22:40.0							
	e pP	Z	08:22:47.7							
	e PP	Z	08:25:51.3							
CLZ	e P	Z	08:22:39.7	84.5	38.7	1.2	37	5.5		
TANN	e P	Z	08:22:41.4	84.7	40.1	1.4	20	5.1		
MOX	e P	Z	08:22:42.1	84.9	39.5	1.4	34	5.4		
IBBN	e P	Z	08:22:43.7	85.1	36.7	0.7	18	5.4		
MANZ	e P	Z	08:22:44.4	85.2	39.8	1.2	26	5.2		
ROTZ	e P	Z	08:22:44.2	85.3	39.9	1.3	38	5.4		
GEC2	e P	Z	08:22:44.3	85.4	40.9	1.2	11	4.9		
UBBA	e P	Z	08:22:44.6	85.4	38.3	1.2	11	4.9		
WET	e P	Z	08:22:46.1	85.5	40.3	1.4	18	5.0		
GRA1	e P	Z	08:22:47.1	85.8	39.2	1.3	78	5.7		
	e pP	Z	08:22:58.1							
BUG	e P	Z	08:22:47.1	86.0	36.3	1.3	52	5.5		
TNS	e P	Z	08:22:50.1	86.5	37.2	1.1	17	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/14	19:49:57.4	0.171S	96.519E	33.0G	5.4			SZGRF

Southwest of Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	20:02:35.9	85.4	95.5	1.1	43	5.6		
BRG	e P	Z	20:02:35.8	85.5	95.9	0.9	21	5.4		
WET	e P	Z	20:02:38.5	86.0	94.9	1.0	27	5.3		
CLL	e P	Z	20:02:38.4	86.1	95.2	1.2	20	5.1		
TANN	e P	Z	20:02:40.1	86.3	94.7	1.1	11	4.9		
ROTZ	e P	Z	20:02:41.1	86.5	94.5	1.0	21	5.2		
MANZ	e P	Z	20:02:41.6	86.5	94.4	1.0	39	5.5		
MOX	e P	Z	20:02:42.9	86.9	94.1	1.3	18	5.0		
FUR	e P	Z	20:02:42.8	87.0	93.7	1.5	40	5.3		
GRA1	e P	Z	20:02:44.2	87.1	93.7	1.0	30	5.4		
	e L	Z	20:49:27.6			20.4	2562			
CLZ	e P	Z	20:02:47.1	87.8	93.1	1.0	27	5.5		
BSEG	e P	Z	20:02:47.8	87.9	93.2	1.1	52	5.8		

UBBA	e P	Z	20:02:47.9	87.9	92.8	1.6	23	5.3	
STU	e P	Z	20:02:49.9	88.4	92.1				
TNS	e P	Z	20:02:52.9	88.9	91.6	1.2	41	5.5	
BFO	e P	Z	20:02:52.5	88.9	91.5	1.3	22	5.2	
IBBN	e P	Z	20:02:54.9	89.4	91.1	1.0	57	5.8	
BUG	e P	Z	20:02:56.2	89.7	90.7	1.0	42	5.6	
WLF	e P	Z	20:03:00.0	90.4	89.8	1.2	52	5.6	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/14	20:11:55.0	4.600N	94.480E	44.0	5.4			SZGRF

Off west coast of northern Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	20:24:03.8	80.5	94.5	1.1	27	5.1		
GEC2	e P	Z	20:24:04.1	80.5	93.9	2.3	282	5.8		
RUE	e P	Z	20:24:04.9	80.7	94.6	0.8	78	5.8		
FBE	e P	Z	20:24:06.1	80.8	94.0	0.9	35	5.4		
WET	e P	Z	20:24:07.0	81.0	93.3	1.1	25	5.2		
CLL	e P	Z	20:24:06.7	81.1	93.8	1.1	25	5.1		
TANN	e P	Z	20:24:08.5	81.4	93.2	1.9	53	5.3		
GUNZ	e P	Z	20:24:09.2	81.5	93.1	1.1	27	5.2		
WERD	e P	Z	20:24:09.0	81.5	93.1	1.0	20	5.1		
ROTZ	e P	Z	20:24:09.8	81.5	92.9	1.0	27	5.3		
MANZ	e P	Z	20:24:10.3	81.6	92.9	2.4	230	5.9		
MOX	e P	Z	20:24:11.5	81.9	92.6	1.8	58	5.4		
FUR	e P	Z	20:24:11.9	82.0	92.0	1.4	49	5.4		
GRA1	e P	Z	20:24:12.8	82.1	92.2	1.0	38	5.5		
	e pP	Z	20:24:25.5							
CLZ	e P	Z	20:24:15.9	82.7	91.8	1.1	35	5.5		
BSEG	e P	Z	20:24:16.5	82.8	92.0	0.9	58	5.8		
TNS	e P	Z	20:24:22.2	83.9	90.1	1.0	24	5.4		
BFO	e P	Z	20:24:22.0	84.0	89.8	0.8	12	5.2		
IBBN	e P	Z	20:24:24.1	84.4	89.8	1.1	55	5.7		
BUG	e P	Z	20:24:25.8	84.7	89.3	1.1	44	5.6		
WLF	e P	Z	20:24:29.8	85.4	88.3	1.8	56	5.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/14	20:46:37.2	0.495N	97.002E	33.0N	5.6			SZGRF

Northern Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	20:59:10.7	85.2	94.7	1.5	90	5.8		
BRG	e P	Z	20:59:10.7	85.2	95.1	1.5	52	5.6		
RUE	e P	Z	20:59:11.6	85.5	95.1	1.5	141	6.0		
FBE	e P	Z	20:59:12.6	85.6	94.6	1.6	76	5.6		

WET	e P	Z	20:59:13.2	85.8	94.1	1.3	48	5.5
CLL	e P	Z	20:59:13.2	85.9	94.4	1.2	26	5.2
TANN	e P	Z	20:59:15.0	86.1	93.9	1.3	27	5.2
GUNZ	e P	Z	20:59:15.4	86.2	93.8	1.3	34	5.3
WERD	e P	Z	20:59:15.3	86.2	93.8	1.3	28	5.2
ROTZ	e P	Z	20:59:15.7	86.3	93.7	1.2	33	5.3
MANZ	e P	Z	20:59:16.5	86.3	93.6	1.1	46	5.5
MOX	e P	Z	20:59:18.0	86.7	93.3	1.5	41	5.3
FUR	e P	Z	20:59:18.0	86.8	92.9	2.0	80	5.5
GRA1	e P	Z	20:59:19.0	86.9	92.9	1.3	55	5.5
CLZ	e P	Z	20:59:21.9	87.5	92.3	1.6	85	5.8
BSEG	e P	Z	20:59:22.5	87.6	92.4	1.3	90	6.0
UBBA	e P	Z	20:59:22.5	87.7	92.0	2.0	71	5.7
TNS	e P	Z	20:59:27.7	88.7	90.8	1.2	44	5.6
BFO	e P	Z	20:59:27.4	88.7	90.7	1.5	34	5.4
IBBN	e P	Z	20:59:29.6	89.1	90.3	1.5	126	5.9
BUG	e P	Z	20:59:31.0	89.4	89.9	1.3	68	5.7
WLF	e P	Z	20:59:34.8	90.2	89.0	1.5	85	5.8

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/14	22:13: 4.7	43.728N	127.446W	33.0N	4.7	4.6		SZGRF

Off coast of Oregon, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	22:25:08.6	79.6	332.7	0.9	13	4.8		
GRA1	e P	Z	22:25:10.4	79.9	331.0	1.0	8	4.6		
	e L	Z	23:03:58.4			18.5	261		4.6	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/14	23:10:56.5	44.520N	11.857E	10.0G			3.8	SZGRF

Northern Italy

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WET	e Pn	Z	23:12:06.1	4.7	189.0					3.8
	e Sn	N	23:13:00.9							
GRA1	e Sn	E	23:13:12.4	5.2	175.0					
ROTZ	e Pn	Z	23:12:15.4	5.3	182.7					
	e Sn	N	23:13:12.1							
MANZ	e Sn	N	23:13:18.5	5.5	181.9					
GUNZ	e Pn	Z	23:12:23.1	5.9	183.3					
TANN	e Pn	Z	23:12:23.2	5.9	184.2					
WERD	e Pn	Z	23:12:24.1	5.9	183.1					
MOX	e Pn	Z	23:12:25.7	6.1	178.4					
	e Sn	N	23:13:34.0							
BRG	e Sn	E	23:13:42.8	6.5	193.2					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/16								

	Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
	BFO	e Pn	Z	20:54:29.6							
		e Sn	N	20:55:18.7							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/17	00:02:59.7	42.384N	144.630E	34.0	6.4	6.2		SZGRF

Hokkaido, Japan, region

	Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
	BSEG	e P	Z	00:14:44.2	76.0	33.0	1.2	313	6.3		
		e pP	Z	00:14:53.7							
	CLL	e P	Z	00:14:50.7	77.3	34.5	1.1	260	6.3		
		e pP	Z	00:15:01.0							
		e PP	Z	00:17:44.3							
		e S	E	00:24:40.9							
		e SS	E	00:29:46.2							
		e SSS	E	00:33:00.3							
		e SSSS	E	00:35:28.4							
		e LR	Z	00:41:33.3							
		e L	Z	00:52:02.9			20.0	21191			
	BRG	e P	Z	00:14:51.1	77.3	35.0	2.2	626	6.4		
	CLZ	e P	Z	00:14:54.0	77.8	32.8	1.8	848	6.6		
	IBBN	e P	Z	00:14:56.2	78.2	31.1					
	TANN	e P	Z	00:14:56.3	78.3	34.0					
	MOX	i P	+ Z	00:14:56.8	78.4	33.5	1.9	523	6.2		
		e pP	Z	00:15:06.5							
	MANZ	e P	Z	00:14:59.0	78.7	33.7					
	UBBA	e P	Z	00:14:58.9	78.8	32.4					
	ROTZ	e P	Z	00:15:00.0	78.9	33.8	2.0	767	6.4		
	GEC2	e P	Z	00:15:00.7	79.1	34.6	2.1	437	6.1		
	BUG	e P	Z	00:15:01.0	79.1	30.6					
	WET	e P	Z	00:15:01.5	79.2	34.1	2.1	870	6.4		
		e pP	Z	00:15:11.4							
	GRA1	e P	Z	00:15:02.4	79.3	33.1	2.1	1484	6.5		
		e pP	Z	00:15:12.3							
		e S	E	00:25:02.3							
		e L	Z	00:52:39.6			21.0	12059		6.2	
	TNS	e P	Z	00:15:04.7	79.8	31.3	1.4	205	5.9		
	FUR	e P	Z	00:15:08.9	80.6	33.0	2.2	1653	6.7		
		e pP	Z	00:15:18.6							
	STU	e P	Z	00:15:09.9	80.8	31.7	2.3	1129	6.5		

	e pP	Z	00:15:19.7						
WLF	e P	Z	00:15:11.4	81.0	29.7				
BFO	e P	Z	00:15:13.4	81.5	31.1	1.8	460	6.3	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/17	00:22:34.9	42.663N	142.744E	32.9	5.3			SZGRF

Hokkaido, Japan, region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	00:34:14.5	75.2	34.2	1.0	38	5.5		
CLL	e P	Z	00:34:20.8	76.4	35.6	0.9	28	5.4		
BRG	e P	Z	00:34:21.1	76.4	36.1	1.0	12	5.0		
CLZ	e P	Z	00:34:24.2	76.9	33.9	0.8	30	5.5		
TANN	e P	Z	00:34:26.4	77.3	35.1					
IBBN	e P	Z	00:34:26.5	77.4	32.2					
MOX	e P	Z	00:34:27.0	77.4	34.6	1.0	14	5.1		
MANZ	e P	Z	00:34:28.9	77.8	34.8					
UBBA	e P	Z	00:34:28.9	77.9	33.5					
ROTZ	e P	Z	00:34:30.0	78.0	34.9					
GEC2	e P	Z	00:34:30.9	78.1	35.7					
WET	e P	Z	00:34:31.8	78.2	35.2	1.1	21	5.1		
BUG	e P	Z	00:34:31.3	78.3	31.8					
GRA1	e P	Z	00:34:32.3	78.4	34.2	1.0	44	5.4		
	e pP	Z	00:34:42.0							
TNS	e P	Z	00:34:35.0	78.9	32.4					
FUR	e P	Z	00:34:39.2	79.6	34.1					
STU	e P	Z	00:34:40.2	79.9	32.8					
WLF	e P	Z	00:34:42.8	80.2	30.9					
BFO	e P	Z	00:34:43.5	80.6	32.2	1.9	42	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/17								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e PKPdf	Z	04:20:02.4							
BRG	e PKPdf	Z	04:19:54.0							
BSEG	e PKPdf	Z	04:19:53.4							
BUG	e PKPdf	Z	04:19:59.3							
CLL	e PKPdf	Z	04:19:54.1							
CLZ	e PKPdf	Z	04:19:56.1							
GEC2	e PKPdf	Z	04:19:56.5							
GRA1	e PKPdf	Z	04:19:57.9							
MANZ	e PKPdf	Z	04:19:56.8							
STU	e PKPdf	Z	04:20:01.3							
TANN	e PKPdf	Z	04:19:55.9							

TNS	e	PKPdf	Z	04:20:00.1
WET	e	PKPdf	Z	04:19:57.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/17								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKPdf	Z	06:50:19.4							
BSEG	e PKPdf	Z	06:50:19.0							
CLL	e PKPdf	Z	06:50:19.9							
CLZ	e PKPdf	Z	06:50:21.8							
FUR	e PKPdf	Z	06:50:26.0							
GEC2	e PKPdf	Z	06:50:22.4							
GRA1	e PKPdf	Z	06:50:23.9							
IBBN	e PKPdf	Z	06:50:23.2							
MANZ	e PKPdf	Z	06:50:22.5							
TNS	e PKPdf	Z	06:50:25.9							
WET	e PKPdf	Z	06:50:23.2							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/17								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKPdf	Z	08:02:34.2							
BSEG	e PKPdf	Z	08:02:33.7							
BUG	e PKPdf	Z	08:02:40.2							
CLL	e PKPdf	Z	08:02:34.7							
CLZ	e PKPdf	Z	08:02:36.3							
GEC2	e PKPdf	Z	08:02:37.2							
GRA1	e PKPdf	Z	08:02:38.4							
	e		08:02:48.9							
IBBN	e PKPdf	Z	08:02:37.9							
MANZ	e PKPdf	Z	08:02:37.2							
TANN	e PKPdf	Z	08:02:36.2							
TNS	e PKPdf	Z	08:02:40.5							
WET	e PKPdf	Z	08:02:37.6							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/17	07:47:53.6	7.300S	155.800E	60.0				NEIC

Bougainville - Solomon Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPdf	Z	08:06:49.2	125.7	43.8					

BRG	e PKPdf	Z	08:06:49.9	126.2	49.4	
CLL	e PKPdf	Z	08:06:49.7	126.4	48.1	
CLZ	e PKPdf	Z	08:06:51.9	127.2	45.0	
TANN	e PKPdf	Z	08:06:51.6	127.2	48.1	
MOX	e PKPdf	Z	08:06:52.5	127.5	47.0	
GEC2	e PKPdf	Z	08:06:52.9	127.6	50.3	
MANZ	e PKPdf	Z	08:06:52.6	127.7	47.9	
ROTZ	e PKPdf	Z	08:06:52.7	127.8	48.1	
WET	e PKPdf	Z	08:06:53.2	127.9	49.2	
IBBN	e PKPdf	Z	08:06:53.3	128.0	41.8	
GRA1	e PKPdf	Z	08:06:54.1	128.3	47.1	
	e PKP	Z	08:07:00.8			
TNS	e PKPdf	Z	08:06:56.0	129.2	43.7	
BFO	e PKPdf	Z	08:06:59.0	130.6	44.6	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/17	08:45: 8.1	39.805N	42.729E	33.0N	4.7			SZGRF

Turkey

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	08:50:22.3	24.2	102.0	1.6	38	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/17								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e PKPdf	Z	13:02:21.7							
BRG	e PKPdf	Z	13:02:12.4							
BSEG	e PKPdf	Z	13:02:11.8							
CLL	e PKPdf	Z	13:02:12.9							
CLZ	e PKPdf	Z	13:02:15.0							
GEC2	e PKPdf	Z	13:02:14.8							
GRA1	e PKPdf	Z	13:02:16.9							
IBBN	e PKPdf	Z	13:02:16.1							
MANZ	e PKPdf	Z	13:02:15.1							
MOX	e PKPdf	Z	13:02:15.2							
STU	e PKPdf	Z	13:02:20.8							
TANN	e PKPdf	Z	13:02:14.4							
TNS	e PKPdf	Z	13:02:18.8							
WET	e PKPdf	Z	13:02:16.0							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/17	23:21:18.7	46.813N	9.537E	10.0G			2.3	SZGRF

Switzerland

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e Pn	Z	23:21:47.2	1.7	151.3					2.3
	e Sn	E	23:22:08.9							
	e Sg	E	23:22:13.2							
FUR	e Pn	Z	23:21:48.9	1.8	221.7					2.4
	e Sg	E	23:22:15.7							
GRA1	e Sg	E	23:22:56.2	3.1	201.9					
TNS	e Sg	N	23:23:09.6	3.5	167.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/17								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKPdf	Z	23:59:50.3							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/18	07:34:37.7	46.796N	151.524E	33.0N	4.9			SZGRF

Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	07:46:30.9	77.6	26.6	0.8	9	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/18	10:45:20.8	0.532N	97.887E	33.0N	5.0			SZGRF

Northern Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	10:58:05.2	87.4	92.2	1.1	13	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/18	12:02: 4.6	25.190S	179.800W	33.0N				SZGRF

South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	12:21:52.8	150.3	18.7					
	e PKPab	Z	12:21:58.6							
CLL	e PKPbc	Z	12:21:57.0	152.1	25.4					
	e PKPab	Z	12:22:06.0							
BRG	e PKPbc	Z	12:21:57.3	152.2	27.5					

	e PKPab	Z	12:22:06.9		
CLZ	e PKPbc	Z	12:21:57.3	152.2	20.1
	e PKPab	Z	12:22:07.0		
IBBN	e PKPbc	Z	12:21:57.3	152.3	14.8
	e PKPab	Z	12:22:07.4		
TANN	e PKPbc	Z	12:21:59.0	153.1	25.1
	e PKPab	Z	12:22:10.4		
MOX	e PKPbc	Z	12:21:59.1	153.1	23.3
	e PKPab	Z	12:22:10.4		
BUG	e PKPbc	Z	12:21:59.2	153.2	14.3
GRA1	e PKPbc	Z	12:22:01.1	154.0	23.3
WET	e PKPab	Z	12:22:15.3	154.1	27.0
TNS	e PKPbc	Z	12:22:01.3	154.2	17.3
	e PKPab	Z	12:22:14.8		
FUR	e PKPab	Z	12:22:20.6	155.4	24.7
BFO	e PKPab	Z	12:22:22.7	156.0	18.3

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/18	17:29:46.9	19.409S	171.860E	33.0N				SZGRF

Vanuatu Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	17:49:13.2	142.7	29.5					
CLL	e PKPbc	Z	17:49:16.1	144.0	35.4					
BRG	e PKPbc	Z	17:49:16.1	144.0	37.1					
CLZ	e PKPbc	Z	17:49:18.8	144.5	31.0					
IBBN	e PKPbc	Z	17:49:19.9	144.8	26.7					
TANN	e PKPbc	Z	17:49:20.2	145.0	35.3					
ROTZ	e PKPbc	Z	17:49:22.2	145.6	35.5					
GEC2	e PKPbc	Z	17:49:22.4	145.7	38.5					
BUG	e PKPbc	Z	17:49:22.5	145.8	26.4					
GRA1	e PKPbc	Z	17:49:22.7	146.0	34.0					
TNS	e PKPbc	Z	17:49:24.7	146.5	29.2					
STU	e PKPbc	Z	17:49:28.6	147.5	31.5					
WLF	e PKPbc	Z	17:49:28.1	147.7	25.8					
BFO	e PKPbc	Z	17:49:28.8	148.2	30.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/18	21:05: 7.0	23.057N	120.115E	33.0N	5.4	5.1		SZGRF

Taiwan

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	21:17:23.8	81.8	63.2	1.8	55	5.4		
CLL	e P	Z	21:17:24.7	82.2	62.6	1.9	74	5.5		
BSEG	e P	Z	21:17:26.4	82.4	60.9	1.1	14	5.1		

TANN	e	P	Z	21:17:29.0	82.9	62.1				
GEC2	e	P	Z	21:17:28.8	82.9	62.8	0.9	15	5.2	
WET	e	P	Z	21:17:31.3	83.2	62.2	1.4	22	5.2	
MOX	e	P	Z	21:17:30.9	83.2	61.5	1.8	37	5.3	
MANZ	e	P	Z	21:17:31.5	83.3	61.8				
ROTZ	e	P	Z	21:17:31.3	83.3	61.8				
CLZ	e	P	Z	21:17:31.5	83.3	60.7	1.8	74	5.6	
GRA1	e	P	Z	21:17:34.0	83.9	61.1	1.9	78	5.6	
	e	L	Z	21:58:56.7			18.7	769		5.1
IBBN	e	P	Z	21:17:37.1	84.5	58.7				
FUR	e	P	Z	21:17:37.8	84.6	61.0	1.9	143	5.9	
TNS	e	P	Z	21:17:41.0	85.2	59.1				
BUG	e	P	Z	21:17:41.0	85.2	58.3				
WLF	e	P	Z	21:17:48.8	86.8	57.4				

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/18	21:37:52.8	7.239N	81.686W	33.0N	5.4	5.1		SZGRF

Panama

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e	P	Z 21:50:16.2	83.1	273.1					
BUG	e	P	Z 21:50:18.7	83.7	273.7					
IBBN	e	P	Z 21:50:20.0	83.9	274.0					
TNS	e	P	Z 21:50:23.2	84.5	274.7	1.5	60	5.6		
BFO	e	P	Z 21:50:23.0	84.6	274.8	1.1	18	5.2		
STU	e	P	Z 21:50:26.1	85.1	275.4					
BSEG	e	P	Z 21:50:27.0	85.3	275.9	1.3	44	5.5		
CLZ	e	P	Z 21:50:28.4	85.6	276.1	1.2	56	5.6		
GRA1	e	P	Z 21:50:32.0	86.4	276.9	1.2	32	5.3		
	e	L	Z 22:23:41.1			21.0	779		5.1	
MOX	e	P	Z 21:50:32.5	86.5	277.1	1.3	26	5.2		
FUR	e	P	Z 21:50:33.4	86.6	277.0	1.8	74	5.5		
MANZ	e	P	Z 21:50:34.6	86.9	277.6					
ROTZ	e	P	Z 21:50:35.2	87.0	277.6					
TANN	e	P	Z 21:50:35.9	87.1	277.8					
CLL	e	P	Z 21:50:36.2	87.3	278.2	1.3	42	5.4		
WET	e	P	Z 21:50:37.7	87.5	278.2	1.2	36	5.6		
BRG	e	P	Z 21:50:39.5	87.9	278.9	1.2	20	5.3		
GEC2	e	P	Z 21:50:40.2	88.1	278.8	1.1	12	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/19	02:33:44.6	1.880N	30.940E	34.3	5.7	4.8		SZGRF

Uganda

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML

	GEC2	e	P		Z	02:42:29.5	49.2	157.0	1.1	133	5.9	
	FUR	e	P		Z	02:42:29.0	49.3	153.7	1.0	163	6.0	
		e	pP		Z	02:42:39.0						
	WET	e	P		Z	02:42:32.7	49.7	156.0	1.2	117	5.7	
		e	pP		Z	02:42:42.6						
		e	PcP		Z	02:43:53.6						
		e	PP		Z	02:44:28.0						
	BFO	e	P		Z	02:42:37.4	50.4	150.1	1.3	108	5.6	
	STU	e	P		Z	02:42:38.5	50.5	151.3	1.8	155	5.6	
		e	pP		Z	02:42:47.8						
		e	PP		Z	02:44:33.1						
	ROTZ	e	P		Z	02:42:38.2	50.5	155.4	1.1	94	5.6	
		e	pP		Z	02:42:47.9						
	GRA1	e	P		Z	02:42:39.8	50.7	154.2	1.1	114	5.7	
		e	PcP		Z	02:43:57.7						
		e	PP		Z	02:44:38.8						
		e	S		E	02:49:50.0						
		e	L		Z	03:04:20.0			21.4	1072		4.8
	MANZ	e	P		Z	02:42:40.0	50.7	155.4	1.1	152	5.8	
		e	PP		Z	02:44:35.2						
	WERN	e	P		Z	02:42:41.8	50.9	155.8	1.3	154	5.8	
		e	PcP		Z	02:43:58.1						
		e	PP		Z	02:44:37.4						
	GUNZ	e	P		Z	02:42:42.6	51.0	155.8	1.4	139	5.7	
		e	PcP		Z	02:43:59.7						
		e	PP		Z	02:44:39.7						
	TANN	e	P		Z	02:42:42.6	51.0	155.9	1.3	133	5.7	
		e	pP		Z	02:42:51.5						
	BRG	e	P		Z	02:42:42.4	51.1	157.9	1.3	82	5.5	
		e	pP		Z	02:42:51.0						
		e	PcP		Z	02:43:58.2						
	WERD	e	P		Z	02:42:43.1	51.1	155.8	1.6	224	5.8	
		e	pP		Z	02:42:52.3						
		e	PcP		Z	02:43:58.6						
	FBE	e	P		Z	02:42:43.8	51.2	157.2	1.1	69	5.5	
		e	PcP		Z	02:44:00.0						
		e	PP		Z	02:44:40.3						
	MOX	e	P		Z	02:42:45.5	51.4	155.0	1.1	70	5.5	
		e	PcP		Z	02:44:00.9						
	CLL	i	P	-	Z	02:42:47.2	51.7	156.9	1.2	87	5.6	
		e	PcP		Z	02:44:02.3						
		e	PP		Z	02:44:52.5						
		e	PcS		E	02:48:02.1						
		e	S		E	02:50:09.1						
		e	SS		E	02:53:46.5						
		e	L		Z	03:08:20.7			20.0	1964		5.1
	TNS	e	P		Z	02:42:49.6	52.0	151.0	1.1	151	5.9	
	WLF	e	P		Z	02:42:51.6	52.2	148.0	1.2	82	5.5	
		e	pP		Z	02:43:00.3						

RUE	e P	Z	02:42:53.7	52.6	158.2	1.1	200	5.9
	e pP	Z	02:43:02.8					
CLZ	e P	Z	02:42:56.2	52.8	153.9	1.3	71	5.4
	e pP	Z	02:43:06.7					
	e PP	Z	02:44:56.6					
BUG	e P	Z	02:43:00.5	53.4	150.0	1.1	131	5.8
IBBN	e P	Z	02:43:05.2	54.0	150.9	1.5	127	5.7
	e PcP	Z	02:44:08.6					
RGN	e P	Z	02:43:09.3	54.6	158.2	1.1	176	6.0
	e pP	Z	02:43:18.1					
BSEG	e P	Z	02:43:10.1	54.7	154.5	1.4	251	6.1
	e PP	Z	02:45:13.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/19	03:08:34.9	21.430S	169.680E	33.0N				SZGRF

Southeast of Loyalty Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKPbc	Z	03:28:07.8	145.0	41.8					
CLL	e PKPbc	Z	03:28:07.0	145.0	40.0					
FBE	e PKPbc	Z	03:28:08.6	145.2	40.9					
TANN	e PKPbc	Z	03:28:10.5	145.9	40.1					
WERD	e PKPbc	Z	03:28:10.4	146.0	39.8					
GUNZ	e PKPbc	Z	03:28:11.0	146.0	39.9					
WERN	e PKPbc	Z	03:28:11.1	146.1	40.1					
MOX	e PKPbc	Z	03:28:10.7	146.1	38.6					
IBBN	e PKPbc	Z	03:28:10.7	146.1	31.2					
MANZ	e PKPbc	Z	03:28:12.0	146.4	39.9					
ROTZ	e PKPbc	Z	03:28:12.4	146.5	40.3					
GEC2	e PKPbc	Z	03:28:12.2	146.6	43.5					
WET	e PKPbc	Z	03:28:12.9	146.7	41.9					
GRA1	e PKPbc	Z	03:28:14.2	147.0	38.9					
BUG	e PKPbc	Z	03:28:13.3	147.0	31.1					
TNS	e PKPbc	Z	03:28:15.9	147.6	34.0					
FUR	e PKPbc	Z	03:28:17.7	148.2	40.5					
STU	e PKPbc	Z	03:28:19.1	148.5	36.6					
WLF	e PKPbc	Z	03:28:20.1	148.9	30.7					
BFO	e PKPbc	Z	03:28:20.4	149.2	35.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/19	04:21:51.6	51.300N	155.720E	33.0N	4.7			SZGRF

Northwest of Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
FBE	e P	Z	04:33:19.8	72.9	23.5	3.1	79	5.3		

MOX	e	P	Z	04:33:24.2	73.6	22.5	1.7	11	4.6
WERD	e	P	Z	04:33:24.2	73.6	22.9	1.5	6	4.4
ROTZ	e	P	Z	04:33:27.5	74.3	22.7	1.6	8	4.5
GRA1	e	P	Z	04:33:30.2	74.6	22.1	0.9	11	4.9
GEC2	e	P	Z	04:33:30.5	74.7	23.5	1.1	4	4.4
TNS	e	P	Z	04:33:30.5	74.7	20.5	1.4	13	4.8

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/19	04:55:25.1	21.250S	173.000W	48.7				SZGRF

Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WERD	e PKPbc	Z	05:15:10.3	150.5	10.1					
MANZ	e PKPbc	Z	05:15:11.9	151.0	9.8					
TNS	e PKPbc	Z	05:15:12.1	151.0	2.8					
ROTZ	e PKPbc	Z	05:15:12.6	151.2	10.1					
	e pPKPbc	Z	05:15:27.5							
GRA1	e PKPbc	Z	05:15:12.7	151.4	8.2					
	e pPKPbc	Z	05:15:28.4							
WLF	e PKPbc	Z	05:15:14.1	151.6	358.3					
WET	e PKPbc	Z	05:15:15.1	151.7	11.6					
	e pPKPbc	Z	05:15:28.7							
GEC2	e PKPbc	Z	05:15:13.9	151.9	13.3					
	e pPKPbc	Z	05:15:27.3							
BFO	e PKPbc	Z	05:15:16.0	152.9	2.7					
	e pPKPbc	Z	05:15:32.1							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/19	11:13: 7.5	5.500N	126.300E	63.0		4.9		NEIC

Mindanao, Philippine Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e Pdiff	Z	11:26:43.3	99.5	69.0					
CLL	e Pdiff	Z	11:26:44.8	99.9	68.1					
BSEG	e Pdiff	Z	11:26:47.5	100.3	65.4					
GEC2	e Pdiff	Z	11:26:47.6	100.3	69.1					
TANN	e Pdiff	Z	11:26:48.0	100.5	67.8					
WET	e Pdiff	Z	11:26:47.8	100.7	68.4					
ROTZ	e Pdiff	Z	11:26:50.0	100.9	67.7					
MOX	e Pdiff	Z	11:26:49.6	100.9	67.1					
NRDL	e Pdiff	Z	11:26:46.6	101.0	65.5					
CLZ	e Pdiff	Z	11:26:51.1	101.2	65.8					
GRA1	e Pdiff	Z	11:26:52.8	101.5	66.9					
	e L	Z	12:16:48.4			21.3	356		4.9	
TNS	e Pdiff	Z	11:26:59.0	102.9	64.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/19	14:14:56.9	49.320N	27.830W	33.0N	5.3	4.9		SZGRF

Northern Mid-Atlantic Ridge

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z	14:19:48.4	21.9	282.2	1.2	122	5.2		
BUG	e P	Z	14:19:52.7	22.3	278.5	1.2	221	5.5		
IBBN	e P	Z	14:19:55.0	22.5	276.7	1.0	73	5.2		
TNS	e P	Z	14:20:02.1	23.2	281.9	1.9	291	5.5		
BFO	e P	Z	14:20:05.7	23.6	286.1	1.2	35	4.8		
BSEG	e P	Z	14:20:08.4	23.8	274.6	1.4	196	5.4		
STU	e P	Z	14:20:10.4	24.0	285.4	1.2	131	5.3		
CLZ	e P	Z	14:20:10.9	24.1	279.3	1.3	150	5.4		
GRA1	e P	Z	14:20:20.2	25.1	284.3	1.5	183	5.6		
	e L	Z	14:29:25.4			20.5	3824		4.9	
MOX	e P	Z	14:20:19.8	25.1	282.5	1.3	72	5.2		
FUR	e P	Z	14:20:25.2	25.5	287.4	1.1	126	5.5		
MANZ	e P	Z	14:20:23.8	25.6	284.1	1.2	84	5.2		
ROTZ	e P	Z	14:20:25.3	25.7	284.5	1.4	85	5.2		
TANN	e P	Z	14:20:25.5	25.7	283.4	1.2	32	4.8		
CLL	e P	Z	14:20:26.8	25.8	281.8					
WET	e P	Z	14:20:30.1	26.3	286.1	1.5	56	5.0		
BRG	e P	Z	14:20:32.3	26.5	283.1	2.1	176	5.4		
GEC2	e P	Z	14:20:35.1	26.9	286.9	1.4	57	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/19	14:33:33.7	20.128S	172.744E	10.0				SZGRF

Vanuatu Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	14:53:05.5	143.6	28.6					
CLL	e PKPbc	Z	14:53:10.1	145.0	34.5					
BRG	e PKPbc	Z	14:53:10.0	145.0	36.3					
CLZ	e PKPbc	Z	14:53:11.3	145.4	30.1					
IBBN	e PKPbc	Z	14:53:13.2	145.8	25.6					
TANN	e PKPbc	Z	14:53:12.7	145.9	34.4					
MOX	e PKPbc	Z	14:53:13.1	146.0	32.9					
MANZ	e PKPbc	Z	14:53:14.3	146.4	34.3					
ROTZ	e PKPbc	Z	14:53:14.3	146.6	34.6					
GEC2	e PKPbc	Z	14:53:15.3	146.7	37.8					
GRA1	e PKPbc	Z	14:53:15.9	147.0	33.1					
TNS	e PKPbc	Z	14:53:16.8	147.4	28.2					
	e PKPab	Z	14:53:19.9							
WLF	e PKPbc	Z	14:53:21.2	148.6	24.7					

	e PKPab	Z	14:53:25.4			
BFO	e PKPbc	Z	14:53:21.3	149.1	29.4	
	e PKPab	Z	14:53:27.0			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/19	15:13:19.6	4.400S	102.900E	30.0	5.3			NEIC

Southern Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	15:26:28.8	92.8	93.6	1.0	11	5.2		
GEC2	e P	Z	15:26:29.2	92.8	93.5	1.9	56	5.7		
WET	e P	Z	15:26:32.0	93.3	92.9	1.6	35	5.5		
TANN	e P	Z	15:26:33.2	93.7	92.5	1.5	14	5.1		
ROTZ	e P	Z	15:26:34.0	93.8	92.3	1.1	13	5.2		
MANZ	e P	Z	15:26:34.7	93.9	92.2	1.1	16	5.3		
MOX	e P	Z	15:26:35.5	94.2	91.8	1.3	13	5.1		
GRA1	e P	Z	15:26:37.0	94.4	91.6	1.2	13	5.2		
CLZ	e P	Z	15:26:36.3	95.0	90.7	1.8	25	5.3		
TNS	e P	Z	15:26:43.3	96.2	89.4	0.9	8	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/19								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKPbc	Z	16:40:54.8							
GEC2	e PKPbc	Z	16:40:59.6							
GRA1	e PKPbc	Z	16:40:59.2							
GRFO	e PKPbc	Z	16:40:59.2							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/19	19:24:11.0	23.100S	70.500W	10G	5.5	5.0		NEIC

Antofagasta, Chile

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PP	Z	19:42:29.5	103.8	250.4					
	e SKSac	E	19:48:55.3							
	e Sdiff	N	19:50:03.7							
	e PS	E	19:51:46.1							
	e PPS	E	19:52:35.1							
	e SS	N	19:57:19.9							
	e SSS	N	20:01:10.6							
	e L	Z	20:20:15.8			22.0	453		5.0	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/19	21:58:12.2	46.210N	153.379E	33.0N	4.4			SZGRF

Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	22:10:11.3	78.6	25.7	0.8	3	4.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/20	08:04:33.4	0.420S	126.990E	31.0		6.6		SZGRF

Southern Molucca Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e Pdiff	Z	08:18:36.5	104.6	72.0					
	e PP	Z	08:22:57.5							
CLL	e Pdiff	Z	08:18:35.4	105.1	71.1	1.4	14			
	e PKiKP	Z	08:22:49.3							
	e PP	Z	08:23:04.5							
	e PPP	Z	08:25:04.2							
	e SKSac	E	08:29:12.5							
	e Sdiff	N	08:30:30.5							
	e PS	Z	08:32:12.7							
	e PPS	Z	08:33:07.5							
	e PKKPdf	Z	08:34:22.8							
	e PKKPab	Z	08:34:35.5							
	e SS	N	08:38:01.0							
	e SSS	N	08:41:38.5							
	e LR	Z	08:54:47.3							
	e L	Z	09:11:46.3			20.0	13342		6.5	
GEC2	e Pdiff	Z	08:18:39.9	105.4	72.3					
	e PP	Z	08:23:02.7							
TANN	e Pdiff	Z	08:18:42.0	105.7	70.9					
	e PP	Z	08:23:04.5							
BSEG	e Pdiff	Z	08:18:41.3	105.7	68.1					
	e PP	Z	08:23:05.0							
WET	e Pdiff	Z	08:18:41.9	105.8	71.6					
	e PP	Z	08:23:06.2							
MANZ	e Pdiff	Z	08:18:43.2	106.0	70.7					
	e PP	Z	08:23:07.3							
ROTZ	e Pdiff	Z	08:18:43.4	106.0	70.8					
	e PP	Z	08:23:07.3							
MOX	e Pdiff	Z	08:18:43.2	106.1	70.1					
	e PP	Z	08:23:07.8							
CLZ	e Pdiff	Z	08:18:44.6	106.4	68.7					
	e PP	Z	08:23:09.8							
GRA1	e Pdiff	Z	08:18:45.8	106.7	70.1					

	e PP	Z	08:23:11.7						
	e SKSac	R	08:29:22.7						
	e Sdiff	T	08:30:44.2						
	e L	Z	09:12:38.8			19.6	19486		6.7
UBBA	e Pdiff	Z	08:18:46.7	107.0	68.7				
	e PP	Z	08:23:13.1						
FUR	e Pdiff	Z	08:18:47.5	107.1	70.5				
	e PP	Z	08:23:13.8						
IBBN	e Pdiff	Z	08:18:51.9	107.7	66.4				
	e PP	Z	08:23:18.5						
TNS	e Pdiff	Z	08:18:53.1	108.1	67.6				
	e PP	Z	08:23:21.1						
STU	e Pdiff	Z	08:18:52.6	108.2	68.6				
	e PP	Z	08:23:21.5						
BUG	e Pdiff	Z	08:18:52.1	108.3	66.2				
	e PP	Z	08:23:22.8						
BFO	e Pdiff	Z	08:18:55.4	108.9	68.1				
	e PP	Z	08:23:27.0						
WLF	e PP	Z	08:23:31.9	109.7	65.8				

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/20	09:23:29.1	27.830N	54.910E	33.0N	4.7			SZGRF

Southern Iran

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	09:30:43.7	37.9	108.4	0.9	16	4.8		
BRG	e P	Z	09:30:48.1	38.4	111.1	0.8	8	4.5		
WET	e P	Z	09:30:48.6	38.5	107.9	0.7	12	4.6		
ROTZ	e P	Z	09:30:53.7	39.1	108.0	0.8	12	4.6		
CLL	e P	Z	09:30:54.2	39.1	110.6	0.9	10	4.4		
FUR	e P	Z	09:30:55.1	39.2	105.2	0.5	35	5.2		
MANZ	e P	Z	09:30:55.5	39.2	108.1	0.6	4	4.2		
GRA1	e P	Z	09:30:58.9	39.7	106.9	0.8	46	5.2		
MOX	e P	Z	09:30:58.7	39.7	108.4	1.0	7	4.2		
CLZ	e P	Z	09:31:08.7	40.8	108.5	0.9	19	4.8		
BFO	e P	Z	09:31:10.7	41.2	102.6	2.0	38	4.8		
NRDL	e P	Z	09:31:11.5	41.2	108.9	1.1	21	4.8		
TNS	e P	Z	09:31:14.4	41.5	104.8	1.3	28	4.8		
BSEG	e P	Z	09:31:14.0	41.6	110.7	1.0	15	4.7		
BUG	e P	Z	09:31:23.0	42.6	105.0	1.2	34	5.0		
WLF	e P	Z	09:31:24.9	42.8	102.1	0.9	25	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/20	11:15:10.0	47.401N	157.126E	33.0N	4.5			SZGRF

East of Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	11:27:08.5	78.5	22.8	1.1	6	4.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/20	14:25:26.2	1.100S	126.900E	10.0		5.5		NEIC

Southern Molucca Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e Pdiff	Z	14:39:35.5	105.6	71.6	2.2	57			
	e PKiKP	Z	14:43:51.3							
	e PP	Z	14:44:02.2							
	e PPP	Z	14:46:16.3							
	e SKSac	E	14:50:13.9							
	e Sdiff	N	14:51:37.0							
	e PS	Z	14:53:23.7							
	e PPS	Z	14:54:08.1							
	e SS	N	14:59:01.0							
	e LR	Z	15:15:58.6							
	e L	Z	15:32:35.0			22.0	1480		5.5	
GRA1	e PP	Z	14:44:07.3	107.2	70.6					
	e L	Z	15:33:43.3			20.9	1471		5.5	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/20	15:21: 6.3	50.083N	166.014W	33.0N	4.4			SZGRF

South of Aleutian Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	15:33:13.8	80.2	358.2	0.9	4	4.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/21	00:06: 9.1	63.020N	1.442W	33.0N		3.3		SZGRF

Norwegian Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	00:09:44.2	15.0	337.4	1.0	8			
	e L	Z	00:21:17.6			18.6	187		3.3	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/21	02:19:53.5	0.900S	127.300E	10.0		5.0		NEIC

Halmahera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PP	Z	02:38:27.5	107.2	70.1					
	e L	Z	03:32:09.8			20.6	414		5.0	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/21	09:23: 8.3	12.927N	96.346E	26.4	5.2			SZGRF

Andaman Islands, India, region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	09:34:58.5	77.0	85.2	1.8	33	5.2		
	e pP	Z	09:35:06.1			1.8	33			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/21	11:05:32.7	38.310N	39.050E	33.0N	6.0	5.0		SZGRF

Turkey

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	11:10:15.2	21.0	110.6	1.6	966	5.9		
WET	e P	Z	11:10:20.8	21.6	110.2	1.5	638	5.8		
BRG	e P	Z	11:10:21.6	21.7	115.7	2.1	982	5.9		
FBE	e P	Z	11:10:25.7	22.0	114.9	2.4	1532	6.0		
ROTZ	e P	Z	11:10:27.7	22.3	110.7	1.5	810	5.9		
FUR	e P	Z	11:10:29.1	22.3	105.8	1.3	794	6.0		
TANN	e P	Z	11:10:29.1	22.3	112.5	2.4	1282	5.9		
WERN	e P	Z	11:10:29.0	22.4	112.1	1.5	551	5.8		
CLL	e P	Z	11:10:29.1	22.4	115.3	2.0	725	5.8		
MANZ	e P	Z	11:10:29.3	22.4	111.1	2.3	1471	6.0		
GUNZ	e P	Z	11:10:29.9	22.4	112.2	1.4	448	5.7		
WERD	e P	Z	11:10:29.5	22.5	112.4	2.7	1567	6.1		
GRA1	e P	Z	11:10:34.1	22.8	109.3	1.5	1729	6.4		
	e S	T	11:14:48.5							
	e L	Z	11:20:21.9			21.9	5730		5.0	
MOX	e P	Z	11:10:35.1	22.9	111.9	3.0	2646	6.2		
UBBA	e P	Z	11:10:44.7	23.9	110.2	2.2	1373	6.1		
CLZ	e P	Z	11:10:45.9	24.1	112.8	2.1	888	5.9		
BFO	e P	Z	11:10:48.3	24.3	102.9	2.5	2062	6.2		
NRDL	e P	Z	11:10:50.9	24.5	113.8	2.3	659	6.0		
TNS	e P	Z	11:10:51.7	24.7	107.0	2.2	2103	6.5		
BUG	e P	Z	11:11:01.9	25.8	108.1	1.3	289	5.7		
WLF	e P	Z	11:11:03.1	26.0	103.3	1.4	146	5.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/22	06:02:58.2	39.544N	15.812E	33.0G				SZGRF

Southern Italy

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
FUR	e Pn	Z	06:05:09.6	9.2	157.6	28.8				
GEC2	e Pn	Z	06:05:12.0	9.4	170.0					
WET	e Pn	Z	06:05:16.1	9.8	166.6					
BFO	e Pn	Z	06:05:22.3	10.3	145.8					
GRA1	e Pn	Z	06:05:26.7	10.7	160.5					
TANN	e Pn	Z	06:05:32.2	11.1	166.5					
BRG	e Pn	Z	06:05:37.2	11.4	172.7					
MOX	e Pn	Z	06:05:37.0	11.5	163.5					
TNS	e Pn	Z	06:05:43.6	11.9	151.3					
CLL	e Pn	Z	06:05:44.1	11.9	169.5					
WLF	e Pn	Z	06:05:47.2	12.2	142.3					
CLZ	e Pn	Z	06:05:56.6	12.9	160.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/22	11:58: 5.9	46.515N	152.965E	33.0N	4.8			SZGRF

Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	12:10:02.8	78.2	25.8	1.0	9	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/22	21:36: 3.6	18.010S	181.370W	33.0N				SZGRF

Fiji Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKPbc	Z	21:55:37.2	145.0	25.9					
FBE	e PKPbc	Z	21:55:36.4	145.1	25.0					
WERD	e PKPbc	Z	21:55:38.3	145.8	23.6					
WERN	e PKPbc	Z	21:55:39.3	145.9	23.8					
MANZ	e PKPbc	Z	21:55:39.9	146.2	23.5					
ROTZ	e PKPbc	Z	21:55:41.1	146.4	23.8					
GRA1	e PKPbc	Z	21:55:41.4	146.7	22.2					
GEC2	e PKPbc	Z	21:55:42.3	146.8	26.9					
BFO	e PKPbc	Z	21:55:47.9	148.7	17.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/24	02:36:22.1	6.900S	80.300W	15.0G	6.1	6.2		NEIC

Near coast of northern Peru

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z	02:49:35.8	93.0	262.8	1.2	66	5.9		
BUG	e P	Z	02:49:39.8	93.9	263.8	2.0	254	6.2		
BFO	e P	Z	02:49:40.8	94.2	264.4	2.3	88	5.7		
IBBN	e P	Z	02:49:41.6	94.3	264.2	1.7	140	6.0		
TNS	e P	Z	02:49:42.7	94.5	264.6	1.4	45	5.6		
STU	e P	Z	02:49:44.0	94.9	265.1	1.9	152	6.1		
UBBA	e P	Z	02:49:47.6	95.5	265.9	3.2	431	6.3		
NRDL	e P	Z	02:49:48.7	95.7	266.1	2.5	245	6.3		
CLZ	e P	Z	02:49:49.1	95.8	266.3	1.1	42	5.9		
BSEG	e P	Z	02:49:49.4	95.9	266.4	1.0	47	6.0		
FUR	e P	Z	02:49:50.3	96.2	266.6	1.3	60	6.0		
GRA1	e P	Z	02:49:51.0	96.2	266.7	1.6	76	6.0		
	e L	Z	03:36:39.8			18.7	7654		6.2	
MOX	e P	Z	02:49:52.3	96.5	267.1	1.9	69	5.9		
MANZ	e P	Z	02:49:53.9	96.8	267.4	2.3	206	6.4		
ROTZ	e P	Z	02:49:54.0	96.9	267.4	2.2	150	6.2		
PST	e P	Z	02:49:54.2	97.0	267.6	2.3	196	6.3		
WERD	e P	Z	02:49:54.3	97.0	267.6	2.1	95	6.1		
GUNZ	e P	Z	02:49:54.6	97.0	267.6	2.1	83	6.0		
WERN	e P	Z	02:49:54.7	97.0	267.6	1.4	39	5.8		
TANN	e P	Z	02:49:54.9	97.1	267.7	1.3	34	5.8		
WET	e P	Z	02:49:55.8	97.3	267.9	2.1	137	6.2		
CLL	e P	Z	02:49:57.1	97.4	268.2	2.4	159			
	e PP	Z	02:53:52.3							
	e SKSac	E	03:00:35.7							
	e S	N	03:01:23.5							
	e PS	E	03:02:46.7							
	e PPS	Z	03:03:32.4							
	e SS	N	03:08:03.2							
	e SSS	Z	03:12:04.8							
	e LR	Z	03:23:25.1							
	e L	Z	03:29:09.0			22.0	9273		6.2	
FBE	e P	Z	02:49:57.5	97.7	268.5	2.4	187	6.4		
GEC2	e P	Z	02:49:58.1	97.8	268.4	2.6	126	6.2		
BRG	e P	Z	02:49:59.2	98.0	268.9	2.2	114	6.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/24	08:07:55.9	20.528S	173.165E	33.0				GSRC

Vanuatu Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKP	Z	08:27:31.6	145.5	34.2					
BRG	e PKP	Z	08:27:31.8	145.5	36.0					
CLZ	e PKP	Z	08:27:33.1	145.9	29.6					
IBBN	e PKP	Z	08:27:34.0	146.3	25.1					
TANN	e PKP	Z	08:27:34.9	146.5	34.1					

MOX	e PKP	Z	08:27:35.2	146.6	32.5
GRA1	e PKP	Z	08:27:38.0	147.5	32.7

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/24	08:17:24.7	20.529S	169.199E	33.0N				SZGRF

Vanuatu Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKPab	Z	08:36:53.4	144.0	41.8					
CLL	e PKPab	Z	08:36:54.7	144.0	40.1					
CLZ	e PKPab	Z	08:36:56.1	144.6	35.7					
TANN	e PKPab	Z	08:36:58.6	144.9	40.1					
MOX	e PKPab	Z	08:36:59.5	145.1	38.6					
IBBN	e PKPab	Z	08:36:58.7	145.1	31.4					
ROTZ	e PKPab	Z	08:37:01.5	145.5	40.3					
GEC2	e PKPab	Z	08:36:59.4	145.6	43.4					
GRA1	e PKPab	Z	08:37:01.3	146.0	38.9					
TNS	e PKPab	Z	08:37:05.1	146.6	34.2					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/24	16:19:25.9	8.500S	156.600E	33.0				GSRC

Bougainville - Solomon Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKPdf	Z	16:38:32.3	127.7	49.3					
CLL	e PKPdf	Z	16:38:32.6	127.8	48.0					
TANN	e PKPdf	Z	16:38:34.6	128.7	47.9					
WERD	e PKPdf	Z	16:38:34.1	128.7	47.7					
GUNZ	e PKPdf	Z	16:38:34.7	128.8	47.8					
GEC2	e PKPdf	Z	16:38:35.0	129.1	50.2					
MANZ	e PKPdf	Z	16:38:35.8	129.1	47.8					
ROTZ	e PKPdf	Z	16:38:35.7	129.2	48.0					
WET	e PKPdf	Z	16:38:35.4	129.3	49.1					
GRA1	e PKPdf	Z	16:38:37.0	129.7	46.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/24	19:36:22.4	47.566N	155.424E	33.0N	4.3			SZGRF

East of Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	19:48:17.6	77.9	23.8	0.8	2	4.3		
	e PP	Z	19:50:56.0							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/24	19:47:46.2	48.180N	151.140E	33.0N	5.6			SZGRF

Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	19:59:13.5	72.7	26.2	1.0	44	5.5		
NRDL	e P	Z	19:59:21.6	74.0	25.9	1.0	45	5.5		
CLL	e P	Z	19:59:22.7	74.3	27.5	0.7	84	5.9		
BRG	e P	Z	19:59:23.5	74.4	28.1	1.0	33	5.3		
FBE	e P	Z	19:59:23.9	74.5	27.7	0.8	53	5.6		
CLZ	e P	Z	19:59:25.1	74.5	26.0	1.9	147	5.7		
IBBN	e P	Z	19:59:26.3	74.8	24.3	0.8	68	5.7		
PST	e P	Z	19:59:26.9	74.9	27.0	0.9	61	5.6		
TANN	e P	Z	19:59:28.2	75.2	27.1	1.5	47	5.4		
WERD	e P	Z	19:59:28.6	75.2	27.0	1.1	42	5.5		
MOX	e P	Z	19:59:28.7	75.2	26.6	1.0	52	5.6		
GUNZ	e P	Z	19:59:29.1	75.3	27.0	0.8	37	5.6		
WERN	e P	Z	19:59:29.4	75.4	27.0	0.7	42	5.7		
BUG	e P	Z	19:59:31.2	75.7	23.9	1.1	83	5.8		
MANZ	e P	Z	19:59:31.0	75.7	26.8	1.0	31	5.4		
ROTZ	e P	Z	19:59:32.5	75.9	26.9	1.2	62	5.6		
GRA1	e P	Z	19:59:34.7	76.2	26.2	0.8	102	6.0		
WET	e P	Z	19:59:34.7	76.2	27.2	1.0	66	5.7		
GEC2	e P	Z	19:59:34.1	76.2	27.7	0.7	24	5.4		
TNS	e P	Z	19:59:35.4	76.5	24.6	0.9	58	5.7		
FUR	e P	Z	19:59:42.1	77.6	26.1	1.1	102	5.9		
WLF	e P	Z	19:59:42.3	77.6	23.1	1.2	52	5.5		
STU	e P	Z	19:59:41.8	77.6	24.9	1.0	65	5.7		
BFO	e P	Z	19:59:45.3	78.3	24.3	0.9	58	5.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/24	23:43:42.1	51.268N	178.564W	33.0N	5.3			SZGRF

Andreanof Islands, Aleutian Islands, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	23:55:18.0	74.5	5.8	1.0	43	5.4		
IBBN	e P	Z	23:55:29.1	76.3	4.1	1.1	83	5.8		
CLZ	e P	Z	23:55:30.1	76.6	5.7	0.9	45	5.6		
CLL	e P	Z	23:55:30.9	77.0	7.4	1.2	26	5.2		
BUG	e P	Z	23:55:32.5	77.2	3.7	1.1	38	5.4		
BRG	e P	Z	23:55:33.2	77.3	8.0	1.1	19	5.1		
MOX	e P	Z	23:55:35.6	77.7	6.5	1.2	33	5.3		
TANN	e P	Z	23:55:36.8	77.9	7.0	1.6	41	5.3		
TNS	e P	Z	23:55:39.4	78.3	4.5	0.9	32	5.4		
ROTZ	e P	Z	23:55:40.6	78.5	6.9	1.3	30	5.2		

GRA1	e P	Z	23:55:41.5	78.7	6.2	1.1	45	5.4
WET	e P	Z	23:55:43.6	79.1	7.3	1.3	22	5.0
GEC2	e P	Z	23:55:44.5	79.3	7.8	1.9	56	5.2
STU	e P	Z	23:55:46.9	79.7	4.9	1.1	30	5.1
FUR	e P	Z	23:55:49.6	80.2	6.2	1.2	47	5.4
BFO	e P	Z	23:55:49.6	80.2	4.4	1.1	18	5.0

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/25	01:49:45.8	33.678N	90.110E	33.0N	5.2	5.1		SZGRF

Qinghai, China

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	01:59:28.8	56.9	74.9	1.0	23	5.2		
WET	e P	Z	01:59:30.7	57.3	74.6	1.3	21	5.0		
CLZ	e P	Z	01:59:38.2	58.2	74.6					
GRA1	e P	Z	01:59:37.2	58.2	73.9	1.7	56	5.3		
	e L	Z	02:27:03.2			18.4	1339		5.1	
FUR	e P	Z	01:59:40.1	58.6	73.0	1.2	47	5.4		
TNS	e P	Z	01:59:49.0	59.8	72.3	1.5	29	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/25	03:46:55.7	17.655S	177.748W	33.0N				SZGRF

Fiji Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	04:06:23.2	143.2	12.9					
RUE	e PKPbc	Z	04:06:25.8	144.0	18.9					
CLZ	e PKPbc	Z	04:06:29.8	145.2	13.6					
CLL	e PKPbc	Z	04:06:29.6	145.3	18.2					
BRG	e PKPbc	Z	04:06:30.3	145.5	19.9					
FBE	e PKPbc	Z	04:06:30.9	145.6	18.9					
MOX	e PKPbc	Z	04:06:32.5	146.2	16.2					
WERD	e PKPbc	Z	04:06:32.5	146.2	17.4					
TANN	e PKPbc	Z	04:06:32.6	146.2	17.7					
GUNZ	e PKPbc	Z	04:06:32.9	146.3	17.5					
MANZ	e PKPbc	Z	04:06:33.9	146.7	17.3					
ROTZ	e PKPbc	Z	04:06:34.3	146.9	17.6					
TNS	e PKPbc	Z	04:06:35.0	147.1	10.9					
GRA1	e PKPbc	Z	04:06:35.0	147.2	15.9					
GEC2	e PKPbc	Z	04:06:35.6	147.5	20.6					
WLF	e PKPbc	Z	04:06:37.5	147.8	7.0					
STU	e PKPbc	Z	04:06:38.5	148.4	12.7					
FUR	e PKPbc	Z	04:06:39.1	148.6	16.7					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/25	09:13:58.0	73.199N	7.174E	24.4	5.1	3.7		SZGRF

Greenland Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e P	Z	09:18:43.6	21.4	357.5	1.8	137	5.0		
	e pP	Z	09:18:52.1							
GRA1	e P	Z	09:19:06.1	23.6	357.1	1.8	82	5.0		
	e pP	Z	09:19:12.2			1.8	82			
	e L	Z	09:27:12.9			19.6	277		3.7	
GEC2	e P	Z	09:19:17.2	24.5	355.5	1.5	42	5.0		
	e pP	Z	09:19:22.7							
BFO	e P	Z	09:19:19.5	24.9	359.2	1.5	75	5.2		
	e pP	Z	09:19:25.4							
FUR	e P	Z	09:19:20.8	25.1	357.2	1.5	107	5.4		
	e pP	Z	09:19:27.3							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/25	09:21:57.2	73.192N	7.142E	33.0N	4.3			SZGRF

Greenland Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	09:27:05.3	23.6	357.1	1.3	14	4.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/25	10:18:28.6	73.199N	7.250E	33.0N	4.4			SZGRF

Greenland Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	10:23:36.7	23.6	357.1	1.9	26	4.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/25	11:41:19.7	32.960N	138.500E	33.0N	5.4			SZGRF

Southeast of Honshu, Japan

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	11:53:39.7	82.3	41.7	1.1	32	5.4		
BRG	e P	Z	11:53:43.2	83.0	44.1	0.8	11	5.1		
CLL	e P	Z	11:53:43.7	83.1	43.5	0.9	19	5.3		
FBE	e P	Z	11:53:44.7	83.2	43.7	1.7	74	5.6		
PST	e P	Z	11:53:47.7	83.8	42.9	1.3	32	5.4		
CLZ	e P	Z	11:53:48.0	83.8	41.6	1.1	41	5.6		

TANN	e P	Z	11:53:48.5	84.0	43.0	1.4	23	5.2
WERD	e P	Z	11:53:48.8	84.0	42.9	1.2	20	5.2
GUNZ	e P	Z	11:53:49.3	84.1	42.9	1.1	26	5.4
WERN	e P	Z	11:53:49.4	84.1	42.9	0.9	16	5.3
MOX	e P	Z	11:53:49.5	84.2	42.4	1.3	32	5.4
MANZ	e P	Z	11:53:51.0	84.5	42.7	1.0	19	5.3
IBBN	e P	Z	11:53:51.2	84.5	39.7	0.9	42	5.7
ROTZ	e P	Z	11:53:51.8	84.6	42.8	1.4	47	5.5
GEC2	e P	Z	11:53:51.1	84.6	43.8	1.0	20	5.3
WET	e P	Z	11:53:52.5	84.7	43.2	1.1	16	5.2
GRA1	e P	Z	11:53:54.6	85.1	42.1	1.0	55	5.7
BUG	e P	Z	11:53:55.3	85.4	39.3	0.9	28	5.4
TNS	e P	Z	11:53:57.9	85.8	40.1	1.0	13	5.0
FUR	e P	Z	11:53:59.5	86.2	42.0	1.1	48	5.5
STU	e P	Z	11:54:01.4	86.6	40.6	1.0	23	5.3
BFO	e P	Z	11:54:05.0	87.3	39.9	1.5	30	5.4

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/25	15:00:54.3	26.257N	110.167W	33.0G	5.4	5.9		SZGRF

Gulf of California, Mexico

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e S	T	15:23:58.6	84.8	309.1					
CLZ	e S	T	15:24:13.2	86.2	309.3					
TNS	e S	T	15:24:18.5	86.3	307.9					
BFO	e S	T	15:24:22.7	87.4	307.9					
GRA1	e P	Z	15:13:41.3	88.0	310.0	1.3	28	5.4		
	e		15:13:58.0							
	e S	T	15:24:26.7							
	e SS	T	15:30:07.1							
	e L	Z	15:52:05.1			20.9	4945		5.9	
WET	e S	T	15:24:38.0	89.2	311.3					
GEC2	e S	T	15:24:47.5	89.8	311.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/25	20:13:45.0	73.184N	7.153E	33.0N	5.0	3.8		SZGRF

Greenland Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	20:18:53.1	23.6	357.1	1.6	74	5.0		
	e		20:19:00.2							
	e L	Z	20:25:54.0			18.0	467		4.0	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/25	20:47:27.5	29.200S	177.200W	10.0		5.9		NEIC

Kermadec Islands, New Zealand

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPab	Z	21:07:43.0	154.7	15.5					
NRDL	e PKPab	Z	21:07:52.0	156.1	15.9					
IBBN	e PKPab	Z	21:07:50.9	156.6	11.0					
CLL	e PKPab	Z	21:07:51.0	156.6	22.9					
CLZ	e PKPdf	Z	21:07:22.4	156.7	16.9					
BRG	e PKPdf	Z	21:07:22.8	156.8	25.3					
	e PKPab	Z	21:07:52.0							
FBE	e PKPab	Z	21:07:52.7	156.9	24.0					
PST	e PKPab	Z	21:07:53.9	157.2	21.7					
MOX	e PKPdf	Z	21:07:24.0	157.6	20.5					
	e PKPab	Z	21:07:55.2							
TANN	e PKPab	Z	21:07:55.7	157.6	22.6					
WERD	e PKPab	Z	21:07:55.7	157.6	22.2					
GUNZ	e PKPdf	Z	21:07:24.7	157.6	22.3					
	e PKPab	Z	21:07:56.1							
WERN	e PKPab	Z	21:07:56.4	157.7	22.5					
MANZ	e PKPab	Z	21:07:57.6	158.1	22.2					
ROTZ	e PKPab	Z	21:07:58.8	158.2	22.6					
GRA1	e PKPab	Z	21:08:00.2	158.5	20.4					
	e L	Z	22:08:11.6			18.0	1601		5.9	
GRFO	e PKPab	Z	21:08:00.2	158.5	20.4					
TNS	e PKPab	Z	21:07:57.2	158.5	13.6					
WET	e PKPab	Z	21:08:00.7	158.6	24.8					
GEC2	e PKPab	Z	21:08:00.6	158.7	27.0					
FUR	e PKPab	Z	21:08:06.2	159.9	22.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/25	21:53:27.2	72.250N	8.070E	33.0N	5.3	4.5		SZGRF

Norwegian Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z	21:57:56.7	19.9	354.9	1.6	412	5.4		
IBBN	e P	Z	21:57:56.4	19.9	0.3	1.6	193	5.1		
CLZ	e P	Z	21:58:02.3	20.4	358.0	1.5	250	5.3		
CLL	e P	Z	21:58:09.2	21.1	355.8	2.1	203	5.1		
FBE	e P	Z	21:58:14.0	21.5	355.6					
PST	e P	Z	21:58:13.3	21.5	356.5	1.6	166	5.2		
BRG	e P	Z	21:58:14.4	21.5	355.1	1.4	97	5.0		
MOX	e P	Z	21:58:16.5	21.7	357.1	1.8	195	5.2		
WERD	e P	Z	21:58:18.0	21.9	356.5	2.1	181	5.1		
TANN	e P	Z	21:58:19.0	21.9	356.4	1.9	161	5.1		
GUNZ	e P	Z	21:58:19.4	22.0	356.5	1.7	143	5.1		

TNS	e P	Z	21:58:19.5	22.0	359.7	2.3	395	5.4	
WERN	e P	Z	21:58:19.9	22.0	356.5	1.1	107	5.2	
MANZ	e P	Z	21:58:22.7	22.3	356.8	1.7	139	5.2	
ROTZ	e P	Z	21:58:25.0	22.6	356.7	2.2	342	5.5	
WLF	e P	Z	21:58:24.9	22.6	1.5	2.2	532	5.7	
GRA1	e P	Z	21:58:25.4	22.6	357.5	1.8	242	5.4	
	e L	Z	22:08:11.6			18.0	1601		4.5
WET	e P	Z	21:58:31.8	23.2	356.3	2.5	456	5.6	
STU	e P	Z	21:58:33.3	23.5	359.1	2.2	334	5.5	
GEC2	e P	Z	21:58:35.2	23.5	355.7	1.5	92	5.1	
BFO	e P	Z	21:58:37.8	23.9	359.8	1.7	180	5.3	
FUR	e P	Z	21:58:40.4	24.1	357.6	1.9	453	5.9	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/25	23:12:31.5	73.199N	7.239E	33.0N	5.1	3.7		SZGRF

Greenland Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	23:17:39.6	23.6	357.1	2.1	137	5.1		
	e		23:17:44.5							
	e L	Z	23:25:45.0			20.7	282		3.7	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/25	23:30:18.5	73.192N	7.232E	33.0N	4.8			SZGRF

Greenland Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	23:35:26.6	23.6	357.1	1.8	51	4.8		
	e		23:35:31.4							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/26	02:35:57.7	25.950S	178.790E	33.0N				SZGRF

South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	02:55:46.5	150.7	21.6					
CLL	e PKPbc	Z	02:55:50.7	152.4	28.5					
	e PKPab	Z	02:56:00.3							
BRG	e PKPbc	Z	02:55:51.2	152.5	30.6					
	e PKPab	Z	02:56:01.1							
FBE	e PKPbc	Z	02:55:51.0	152.7	29.5					
	e PKPab	Z	02:56:01.8							
CLZ	e PKPbc	Z	02:55:51.3	152.7	23.1					

IBBN	e PKPbc	Z	02:55:51.7	152.8	17.9
WERD	e PKPbc	Z	02:55:53.1	153.4	28.0
WERN	e PKPbc	Z	02:55:53.1	153.5	28.3
	e PKPab	Z	02:56:05.5		
GRB3	e PKPab	Z	02:56:09.9	154.5	28.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/26	05:50:48.8	46.392N	12.596E	10.0G			3.9	SZGRF

Northern Italy

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
KBA	e Pg	Z	05:51:05.3	0.9	217.1					3.4
	e Sg	E	05:51:18.1							
WTTA	e Pg	Z	05:51:08.7	1.1	142.7					3.6
	e Sg	N	05:51:23.8							
MOA	e Pn	Z	05:51:21.7	1.8	218.6					3.5
FUR	e Pn	Z	05:51:23.4	2.0	152.7					4.0
	e Sn	N	05:51:47.8							
DAVA	e Pn	Z	05:51:24.1	2.1	114.7					3.9
ARSA	e Pn	Z	05:51:24.7	2.2	247.9					3.4
	e Sn	N	05:51:51.5							
GEC2	e Pn	Z	05:51:30.5	2.6	197.3					3.6
WET	e Pn	Z	05:51:32.9	2.8	184.0					3.6
	e Sn	E	05:52:06.3							
ROTZ	e Pn	Z	05:51:40.8	3.4	175.5					3.9
	e Sn	N	05:52:20.7							
GRA1	e Pn	Z	05:51:42.5	3.4	163.9					4.3
	e Sn	N	05:52:22.2							
BFO	e Pn	Z	05:51:42.4	3.5	122.3					3.9
MANZ	e Pn	Z	05:51:44.0	3.6	174.6					4.0
	e Sn	E	05:52:27.0							
WERN	e Pn	Z	05:51:48.2	3.9	177.8					4.2
	e Sn	E	05:52:32.3							
GUNZ	e Pn	Z	05:51:49.7	4.0	177.4					4.2
TANN	e Pn	Z	05:51:50.2	4.0	178.7					4.1
	e Sn	E	05:52:37.8							
WERD	e Sn	N	05:52:36.4	4.1	177.2					3.9
MOX	e Pn	Z	05:51:53.6	4.3	170.9					4.2
	e Sn	N	05:52:42.7							
PST	e Sn	N	05:52:47.8	4.5	177.0					4.1
FBE	e Pn	Z	05:51:57.5	4.6	186.6					4.0
BRG	e Pn	Z	05:51:57.3	4.6	191.7					3.8
TNS	e Pn	Z	05:52:00.0	4.7	142.7					4.1
	e Sn	N	05:52:52.9							
CLL	e Pn	Z	05:52:01.9	4.9	183.3					4.2
WLF	e Pn	Z	05:52:10.5	5.4	124.8					4.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/26	09:01:19.7	15.900S	167.600E	40.0		5.0		GSRC

Vanuatu Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z	09:20:47.0	141.2	37.9					
	e L	Z	10:23:49.4			20.9	266		5.0	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/26	12:20: 4.4	40.940N	124.349W	25.3	5.1	5.1		SZGRF

Near coast of northern California, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	12:32:18.0	81.3	327.7	0.8	13	5.1		
	e pP	Z	12:32:25.3							
	e L	Z	13:09:13.9			19.8	885		5.1	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/26	14:16:39.6	46.282N	12.732E	10.0G			3.8	SZGRF

Northern Italy

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
FUR	e Pn	Z	14:17:15.9	2.1	151.7					3.8
	e Sn	N	14:17:42.3							
GEC2	e Pn	Z	14:17:23.0	2.6	194.7					3.5
WET	e Pn	Z	14:17:25.5	2.9	182.0					3.4
	e Sn	E	14:18:00.4							
ROTZ	e Pn	Z	14:17:33.5	3.5	174.1					3.7
	e Sn	N	14:18:13.9							
GRA1	e Sn	N	14:18:15.4	3.6	162.9					4.0
BFO	e Pn	Z	14:17:35.0	3.6	122.8					3.7
MANZ	e Pn	Z	14:17:36.1	3.7	173.3					3.8
	e Sn	N	14:18:20.3							
WERN	e Pn	Z	14:17:41.1	4.0	176.5					4.0
	e Sn	E	14:18:27.2							
GUNZ	e Pn	Z	14:17:42.6	4.1	176.1					4.0
TANN	e Pn	Z	14:17:42.6	4.1	177.4					3.8
WERD	e Pn	Z	14:17:43.6	4.2	176.0					3.8
	e Sn	N	14:18:31.0							
MOX	e Pn	Z	14:17:46.1	4.4	169.9					3.9
	e Sn	N	14:18:36.4							
FBE	e Pn	Z	14:17:50.1	4.7	185.3					3.8
	e Sn	N	14:18:42.6							

TNS	e Pn	Z	14:17:52.5	4.9	142.5			3.9
	e Sn	N	14:18:48.2					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/26	20:30:44.9	20.889S	175.074E	33.0N				SZGRF

South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
NRDL	e PKPbc	Z	20:50:23.9	146.3	25.9					
CLL	e PKPbc	Z	20:50:23.4	146.5	31.4					
BRG	e PKPbc	Z	20:50:23.7	146.6	33.3					
FBE	e PKPbc	Z	20:50:25.0	146.7	32.3					
IBBN	e PKPbc	Z	20:50:26.4	147.1	22.2					
TANN	e PKPbc	Z	20:50:27.5	147.5	31.3					
WERD	e PKPbc	Z	20:50:28.4	147.5	31.0					
GUNZ	e PKPbc	Z	20:50:26.9	147.5	31.1					
WERN	e PKPbc	Z	20:50:29.2	147.6	31.2					
GRA1	e PKPbc	Z	20:50:27.8	148.5	29.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/26	23:49:53.1	44.600S	35.500E	10G	5.7			NEIC

Prince Edward Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e SKSac	N	00:14:09.5	97.5	164.0					
	e S	E	00:14:54.9							
	e PS	N	00:16:28.6							
	e SS	N	00:21:38.2							
	e (SSS)	E	00:24:32.4							
	e SSSS	E	00:29:05.6							
	e LR	Z	00:36:49.2							
	e L	Z	00:48:32.2			20.0	1399			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/27	00:44:20.5	21.320S	173.150E	33.0G				SZGRF

Vanuatu Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
NRDL	e PKPbc	Z	01:03:44.8	146.2	29.2					
CLL	e PKPbc	Z	01:03:45.1	146.3	34.7					
BRG	e PKPbc	Z	01:03:45.0	146.3	36.5					
FBE	e PKPbc	Z	01:03:46.1	146.4	35.6					
CLZ	e PKPbc	Z	01:03:46.6	146.7	30.1					

IBBN	e PKPbc	Z	01:03:47.9	147.0	25.6
TANN	e PKPbc	Z	01:03:48.0	147.2	34.6
WERD	e PKPbc	Z	01:03:48.1	147.2	34.4
GUNZ	e PKPbc	Z	01:03:48.8	147.3	34.5
MOX	e PKPbc	Z	01:03:48.4	147.3	33.1
WERN	e PKPbc	Z	01:03:48.5	147.3	34.6
ROTZ	e PKPbc	Z	01:03:49.5	147.8	34.8
BUG	e PKPbc	Z	01:03:50.4	147.9	25.3
GEC2	e PKPbc	Z	01:03:50.3	148.0	38.1
WET	e PKPbc	Z	01:03:50.6	148.1	36.5
GRA1	e PKPbc	Z	01:03:51.8	148.2	33.3
TNS	e PKPbc	Z	01:03:51.8	148.7	28.2
FUR	e PKPbc	Z	01:03:54.3	149.5	34.8
BFO	e PKPbc	Z	01:03:56.2	150.4	29.6

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/27	05:51:53.8	64.356N	23.454W	33.0N	4.8	3.9		SZGRF

Iceland region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e P	Z	05:56:40.2	21.4	318.7	1.9	111	5.0		
TNS	e P	Z	05:56:45.6	21.9	322.2	1.9	78	4.8		
UBBA	e P	Z	05:56:46.9	22.0	320.5	2.0	112	4.9		
MOX	e P	Z	05:56:53.7	22.8	320.1	1.1	13	4.3		
CLL	e P	Z	05:56:55.0	22.9	318.6	2.2	92	4.9		
WERD	e P	Z	05:56:58.9	23.3	320.2	2.0	70	4.8		
FBE	e P	Z	05:56:58.8	23.3	319.1	3.2	357	5.3		
GUNZ	e P	Z	05:56:59.6	23.3	320.3	1.1	19	4.5		
TANN	e P	Z	05:56:59.7	23.3	320.2	1.1	21	4.6		
BFO	e P	Z	05:56:59.2	23.4	324.9	1.6	48	4.8		
GRA1	e P	Z	05:57:00.3	23.4	321.7					
	e L	Z	06:05:53.3			20.6	473		3.9	
WERN	e P	Z	05:57:00.4	23.4	320.4	1.1	16	4.5		
MANZ	e P	Z	05:57:01.4	23.5	320.9	2.4	112	5.0		
BRG	e P	Z	05:57:01.7	23.6	319.0	1.1	15	4.5		
ROTZ	e P	Z	05:57:03.2	23.7	321.2	2.3	163	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/27	06:36:49.7	63.811N	24.062W	33.0N	4.5	3.8		SZGRF

Iceland region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	06:41:56.8	23.5	320.2	1.4	25	4.5		
	e L	Z	06:49:02.3			21.8	338		3.8	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/27	17:01: 3.1	16.830S	172.340W	37.1				SZGRF

Samoa Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e PKPbc	Z	17:20:39.5	144.9	4.5					
CLL	e PKPbc	Z	17:20:39.7	145.3	9.0					
BUG	e PKPbc	Z	17:20:40.0	145.4	359.3					
BRG	e PKPbc	Z	17:20:41.1	145.6	10.7					
FBE	e PKPbc	Z	17:20:41.4	145.6	9.7					
	e pPKPbc	Z	17:20:52.1							
MOX	e PKPbc	Z	17:20:42.8	146.0	6.8					
	e pPKPbc	Z	17:20:53.5							
WERD	e PKPbc	Z	17:20:43.4	146.2	8.0					
TANN	e PKPbc	Z	17:20:43.3	146.2	8.3					
GUNZ	e PKPbc	Z	17:20:43.6	146.3	8.1					
WERN	e PKPbc	Z	17:20:44.0	146.3	8.2					
MANZ	e PKPbc	Z	17:20:44.3	146.7	7.8					
ROTZ	e PKPbc	Z	17:20:45.5	146.9	8.0					
GRA1	e PKPbc	Z	17:20:46.1	147.0	6.3					
	e pPKPbc	Z	17:20:56.4							
WLF	e PKPbc	Z	17:20:46.2	147.1	357.3					
WET	e PKPbc	Z	17:20:46.1	147.4	9.3					
	e pPKPbc	Z	17:20:58.6							
GEC2	e PKPbc	Z	17:20:47.0	147.6	10.8					
	e pPKPbc	Z	17:20:58.5							
BFO	e PKPbc	Z	17:20:49.7	148.5	1.2					
FUR	e PKPbc	Z	17:20:50.6	148.5	6.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/27	19:54:19.4	44.208N	8.840E	10.0G			3.5	SZGRF

Northern Italy

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
DAVA	e Pn	Z	19:55:10.8	3.2	193.6					3.2
	e Sn	E	19:55:50.5							
WTTA	e Pn	Z	19:55:16.6	3.6	213.6					3.2
	e Sn	E	19:55:58.5							
KBA	e Pn	Z	19:55:24.9	4.3	229.3					3.2
MOA	e Pn	Z	19:55:36.8	5.2	228.0					3.5
	e Sn	E	19:56:36.9							
ARSA	e Pn	Z	19:55:41.5	5.6	239.3					3.3
WET	e Pn	Z	19:55:42.3	5.7	210.8					3.5
	e Sn	Z	19:56:45.9							
GEC2	e Pn	Z	19:55:43.0	5.7	217.6					3.5

	e Sn	N	19:56:46.9					
GUNZ	e Sn	N	19:57:08.4	6.6	202.3			4.0
MOX	e Sn	E	19:57:10.0	6.7	197.3			4.0

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/27	22:28:13.2	28.255N	55.184E	33.0N	4.3	4.1		SZGRF

Southern Iran

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	22:35:41.3	39.5	106.2	1.3	9	4.3		
	e L	Z	22:56:09.9			18.7	235		4.1	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/27								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z	22:47:10.5							
	e Sn	N	22:48:14.7							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/28	09:29:45.5	2.400N	124.300E	281.0				NEIC

Celebes Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PP	Z	09:47:33.8	102.8	70.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/28	19:37:19.5	61.070N	166.603E	12.2	5.3			SZGRF

Eastern Siberia, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	19:48:15.0	67.5	12.6	1.0	23	5.3		
	e pP	Z	19:48:18.8							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/28	19:55:33.8	38.200N	39.200E	10.0	5.0			NEIC

Turkey

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML

GEC2	e P	Z	20:00:20.5	21.2	110.6	1.3	62	4.8
WET	e P	Z	20:00:27.0	21.8	110.2	2.0	153	5.0
BRG	e P	Z	20:00:29.6	21.8	115.7	1.6	81	4.9
ROTZ	e P	Z	20:00:34.3	22.4	110.8	1.5	181	5.3
FUR	e P	Z	20:00:35.5	22.5	105.9	1.1	74	5.0
TANN	e P	Z	20:00:35.6	22.5	112.6	1.5	53	4.7
MANZ	e P	Z	20:00:36.4	22.6	111.1	2.1	110	4.9
GRA1	e P	Z	20:00:39.3	23.0	109.3	1.5	191	5.4
MOX	e P	Z	20:00:42.8	23.1	111.9	1.4	31	4.6
STU	e P	Z	20:00:48.7	24.0	104.9	1.2	65	5.0
UBBA	e P	Z	20:00:53.0	24.1	110.2	2.3	163	5.2
CLZ	e P	Z	20:00:53.9	24.3	112.8	1.6	51	4.8
BFO	e P	Z	20:00:56.0	24.4	102.9	1.8	65	4.9
TNS	e P	Z	20:00:57.4	24.9	107.1	1.5	50	5.0
BSEG	e P	Z	20:01:03.5	25.2	116.9	1.7	58	5.0
WLF	e P	Z	20:01:10.5	26.1	103.4	1.2	39	4.9

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/28	23:27:45.7	38.400N	39.200E	5.0	5.3			KAN

Turkey

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	23:32:53.9	22.9	108.9	1.5	147	5.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2007/02/28	23:13: 9.9	57.410S	28.640W	35.0		6.1		SZGRF

South Sandwich Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e SKSac	R	23:38:10.5	110.1	200.2					
	e SP	R	23:41:29.7							
	e SS	R	23:47:28.6							
FUR	e SKSac	R	23:38:11.5	110.6	201.7					
	e SP	R	23:41:39.4							
	e SS	R	23:47:34.9							
STU	e SKSac	R	23:38:12.2	110.7	200.7					
	e SP	R	23:41:35.5							
	e SS	R	23:47:36.5							
WLF	e SKSac	R	23:38:15.2	110.9	199.2					
	e SP	R	23:41:38.8							
	e SS	R	23:47:41.2							
TNS	e SKSac	R	23:38:19.9	111.9	200.5					
	e SP	R	23:41:51.1							
	e SS	R	23:47:57.1							
WET	e SP	R	23:41:50.2	111.9	202.6					

	e	SS	R	23:47:55.5					
GRA1	e	PP	Z	23:32:14.9	112.0	201.9			
	e	SKSac	R	23:38:23.0					
	e	SP	R	23:41:50.5					
	e	SS	R	23:47:57.1					
BUG	e	SKSac	R	23:38:24.4	112.8	200.0			
	e	SP	R	23:42:03.7					
	e	SS	R	23:48:08.1					
TANN	e	SKSac	R	23:38:25.1	113.0	202.6			
	e	SP	R	23:42:02.5					
	e	SS	R	23:48:11.3					
MOX	e	SKSac	R	23:38:25.3	113.0	202.2			
	e	SP	R	23:42:02.7					
	e	SS	R	23:48:12.9					
BRG	e	SKSac	R	23:38:23.5	113.8	203.5			
	e	SP	R	23:42:12.0					
	e	SS	R	23:48:22.4					
CLL	e	Pdiff	Z	23:27:56.7	114.0	203.1			
	e	PP	Z	23:32:35.4					
	e	SKSac	N	23:38:31.7					
	e	SKKSac	N	23:39:36.5					
	e	PS	N	23:42:10.8					
	e	SS	N	23:48:31.1					
	e	SSS	N	23:52:25.8					
	e	SSSS	E	23:55:57.3					
	e	LR	Z	00:06:41.5					
	e	L	Z	00:13:52.0			22.0	3423	5.9
RUE	e	SP	R	23:42:21.6	115.2	203.7			
	e	SS	R	23:48:42.9					
HLG	e	SP	R	23:42:29.0	115.5	200.8			
	e	SS	R	23:48:46.1					
BSEG	e	SKSac	R	23:38:32.1	115.8	202.1			
	e	SP	R	23:42:30.0					
	e	SS	R	23:48:49.3					
RGN	e	SP	R	23:42:42.8	117.0	203.8			
	e	SS	R	23:49:09.8					
GRA1	e	L	Z	00:15:51.7	112.0	201.9	18.2	4787	6.1

Format description
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(K. Klinge Email:klinge@szgrf.bgr.de and A. Schick)

In general all regional and teleseismic events clearly recorded with GRF-Array stations and stronger events recorded

with stations of the German Regional Seismological Network (GRSN) are included in this bulletin.
Additionally, some selected events are analysed more comprehensively at CLL-station and included in the bulletin (ISOP-analysis).
Each event is reported by several EPICENTER LINES with possible COMMENT LINES, a REGION LINE and a block of PHASE LINES.

EPICENTER LINES:

The epicenter locations of several authorities can be reported. The epicenter location with the highest priority (i.e. the most reliable one) is written in the undermost EPICENTER LINE. The REGION LINE and all origin related parameter in the PHASE LINES (i.e. Def, Dist, EvAz) are determined regarding this epicenter location with the highest priority.

Date	Date of the event
Origin Time	Origin time of the event
Lat	Geographic latitude (N/S) of epicenter in degree
Long	Geographic longitude (E/W) of epicenter in degree
Depth	Depth of the hypocenter beneath the surface in kilometer Appended flag indicates the method by which the depth was determined: BLANK - free N - preset depth of 33 kilometer G - geophysicist preset depth
mb, Ms, ML	Magnitudes of the event and magnitude type
Source	Abbreviations for the authority (e.g. SZGRF, NEIC, SED, MAD)

COMMENT LINE:
Each EPICENTER LINE can be followed by a COMMENT LINE about interesting topics submitted by the preceding authority.

REGION LINE:
The region name of the epicenter location with the highest priority (undermost EPICENTER LINE).

PHASE LINE:

Sta	Station code of the reported phase
Phase	Preceded flag for the sharpness of the onset of the phase e - emergent i - impulsive w - weak ISC phase code Component where the phase was picked
Time	Arrival time of the reported phase
Dist	Distance from the epicenter location with the highest priority to the station in kilometer
BAz	Backazimuth from the epicenter location with the highest priority to the station in degree
T[s]	Phase Period
A[nm]	Phase Amplitude
mb	Body wave magnitude
MS	Surface wave magnitude
ML	Local Richter magnitude