

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

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(produced by SZGRF/BGR - ERLANGEN)

FEBRUARY 2008 UPDATED 22.SEPTEMBER.2008

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

(Format description at the end of the bulletin)

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/01	00:59: 8.7	51.884N	171.663W	33.0N	5.1			SZGRF
Fox Islands, Aleutian Islands, United States								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 01:11:06.4	78.4	1.8	1.3	25	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/01	10:26: 9.9	15.500S	175.100W	35.0				NEIC
Tonga Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 10:45:44.5	145.4	10.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/01	12:10: 7.6	21.580S	178.520W	624.2				SZGRF
Fiji Islands region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 12:28:41.1	147.0	15.2					
RUE	e PKPbc	Z 12:28:42.7	147.7	21.7					
NRDL	e PKPbc	Z 12:28:44.6	148.4	15.4					
IBBN	e PKPbc	Z 12:28:46.2	148.9	11.4					
CLL	e PKPbc	Z 12:28:46.0	148.9	21.1					
	e PKPab	Z 12:28:52.1							
	e pPKPab	Z 12:31:10.6							
CLZ	e PKPbc	Z 12:28:46.4	149.0	16.2					

BRG	e	PKPbc	Z	12:28:46.6	149.1	23.0
FBE	e	PKPbc	Z	12:28:47.1	149.2	22.0
MOX	e	PKPbc	Z	12:28:48.1	149.9	19.0
TANN	e	PKPbc	Z	12:28:48.6	149.9	20.7
WERD	e	PKPbc	Z	12:28:48.7	149.9	20.4
GUNZ	e	PKPbc	Z	12:28:49.1	150.0	20.5
	e	PKPab	Z	12:28:57.1		
UBBA	e	PKPbc	Z	12:28:48.2	150.0	16.0
WERN	e	PKPbc	Z	12:28:49.1	150.0	20.6
MANZ	e	PKPbc	Z	12:28:49.9	150.4	20.3
ROTZ	e	PKPbc	Z	12:28:50.0	150.6	20.6
TNS	e	PKPbc	Z	12:28:50.5	150.8	13.4
GRA1	e	PKPbc	Z	12:28:50.9	150.9	18.8
	e	PKPab	Z	12:29:00.8		
GRFO	e	PKPbc	Z	12:28:50.8	150.9	18.8
WET	e	PKPbc	Z	12:28:50.8	151.0	22.3
	e	PKPab	Z	12:29:01.5		
GEC2	e	PKPbc	Z	12:28:51.0	151.0	24.0
WLF	e	PKPab	Z	12:29:04.5	151.7	9.2
	e	pPKPab	Z	12:31:18.1		
STU	e	PKPbc	Z	12:28:53.6	152.1	15.5
RJOB	e	PKPab	Z	12:29:06.7	152.3	23.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/01	14:12:33.5	31.565N	142.024E	33.0N	5.2			SZGRF
Southeast of Honshu, Japan								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 14:25:19.5	87.8	40.2	1.1	13	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/02	05:06:40.7	4.600S	153.000E	58.0				NEIC
New Ireland, Papua New Guinea, region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 05:25:34.7	124.6	48.5					
	e pPKP	Z 05:25:50.4							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/02	15:42:51.3	14.800N	93.600W	35.0	5.2			NEIC
Near coast of Chiapas, Mexico								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
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GRA1 e P Z 15:55:38.0 88.0 290.7 1.7 22 5.2

Date Origin Time Lat Long Depth mb Ms ML Source
2008/02/02 20:58:39.6 20.756S 177.499W 33.0N
Fiji Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPbc	Z 21:18:22.4	148.4	19.0					
BRG	e PKPbc	Z 21:18:22.8	148.6	20.8					
FBE	e PKPbc	Z 21:18:23.5	148.7	19.8					
NEUB	e PKPbc	Z 21:18:23.2	148.7	16.9					
MOX	e PKPbc	Z 21:18:24.7	149.3	16.8					
TANN	e PKPbc	Z 21:18:24.9	149.3	18.5					
WERD	e PKPbc	Z 21:18:24.9	149.3	18.2					
GUNZ	e PKPbc	Z 21:18:25.0	149.4	18.3					
MANZ	e PKPbc	Z 21:18:26.1	149.8	18.1					
ROTZ	e PKPbc	Z 21:18:26.6	150.0	18.4					
GRA1	e PKPbc	Z 21:18:27.2	150.2	16.6					

Date Origin Time Lat Long Depth mb Ms ML Source
2008/02/03 03:49:37.5 22.820S 176.990W 33.0N
South of Fiji Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPbc	Z 04:09:25.6	150.5	18.9					
BRG	e PKPbc	Z 04:09:26.0	150.7	20.9					
FBE	e PKPbc	Z 04:09:26.5	150.8	19.8					
NEUB	e PKPbc	Z 04:09:26.1	150.8	16.7					
MOX	e PKPbc	Z 04:09:27.8	151.4	16.7					
WERD	e PKPbc	Z 04:09:27.9	151.4	18.1					
TANN	e PKPbc	Z 04:09:28.1	151.4	18.5					
GUNZ	e PKPbc	Z 04:09:28.1	151.5	18.2					
MANZ	e PKPbc	Z 04:09:29.1	151.9	18.0					
ROTZ	e PKPbc	Z 04:09:29.6	152.1	18.4					
GRA1	e PKPbc	Z 04:09:30.2	152.4	16.5					
GEC2	e PKPbc	Z 04:09:30.6	152.6	21.8					

Date Origin Time Lat Long Depth mb Ms ML Source
2008/02/03 07:34: 5.8 3.490S 29.370E 33.0N 6.2 5.5
Lake Tanganyika region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RJOB	e P	Z 07:43:19.3	53.2	159.2	1.0	128	5.8		

GEC2	e P	Z	07:43:26.0	54.1	160.6	1.1	216	6.0	
WET	e P	Z	07:43:29.1	54.5	159.6	2.0	677	6.2	
	e PP	Z	07:45:29.0						
BFO	e P	Z	07:43:32.5	55.0	154.0	1.4	398	6.1	
	e PP	Z	07:45:32.3						
STU	e P	Z	07:43:33.7	55.1	155.2	1.8	562	6.2	
ROTZ	e P	Z	07:43:34.6	55.3	159.0	1.1	165	5.9	
	e PP	Z	07:45:37.7						
GRA1	e P	Z	07:43:35.8	55.4	157.8	1.2	514	6.3	
	e PP	Z	07:45:39.4						
	e L	Z	08:05:57.3			20.7	3836		5.5
MANZ	e P	Z	07:43:36.3	55.5	158.9	1.1	252	6.0	
WERN	e P	Z	07:43:38.2	55.7	159.3	1.6	424	6.1	
GUNZ	e P	Z	07:43:38.8	55.8	159.3	1.6	364	6.2	
TANN	e P	Z	07:43:39.0	55.8	159.5	2.0	814	6.4	
	e S	R	07:51:25.2						
WERD	e P	Z	07:43:39.4	55.9	159.3	2.3	1149	6.5	
BRG	e P	Z	07:43:39.1	55.9	161.3	1.6	231	6.0	
FBE	e P	Z	07:43:40.5	56.1	160.6	2.1	465	6.1	
MOX	e P	Z	07:43:41.6	56.2	158.5	1.3	191	6.0	
CLL	e P	Z	07:43:43.5	56.6	160.3	1.6	218	5.9	
TNS	e P	Z	07:43:44.8	56.7	154.7	1.1	500	6.4	
UBBA	e P	Z	07:43:45.7	56.8	156.7	1.7	402	6.2	
WLF	e P	Z	07:43:46.0	56.8	152.0	1.5	396	6.2	
RUE	e P	Z	07:43:50.4	57.5	161.5	1.1	360	6.3	
CLZ	e P	Z	07:43:52.0	57.6	157.4	1.6	308	6.1	
NRDL	e P	Z	07:43:57.2	58.3	157.2	1.3	889	6.6	
IBBN	e P	Z	07:44:00.4	58.7	154.5	2.6	1379	6.5	
BSEG	e P	Z	07:44:05.8	59.6	157.8	1.5	795	6.5	

Date 2008/02/03
 Origin Time 10:56:46.0
 Lat 2.353N
 Long 28.543E
 Depth 33.0N
 mb 5.2
 Ms
 ML
 Source SZGRF
 Zaire

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e P	Z 11:05:30.9	49.2	152.8	1.9	60	5.3		
GRA1	e P	Z 11:05:34.3	49.6	157.0	0.9	34	5.4		
MANZ	e P	Z 11:05:35.0	49.6	158.2	0.9	16	5.0		
WERN	e P	Z 11:05:36.6	49.9	158.7	1.7	52	5.2		
TANN	e P	Z 11:05:37.4	50.0	158.8	1.4	19	4.8		
WERD	e P	Z 11:05:38.1	50.0	158.6	2.2	122	5.4		
TNS	e P	Z 11:05:43.3	50.8	153.7	0.9	39	5.3		
RUE	e P	Z 11:05:48.8	51.6	161.0	1.1	34	5.2		
NRDL	e P	Z 11:05:57.1	52.4	156.5	1.3	73	5.5		

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Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/03	10:59:52.6	4.544S	28.967E	33.0N	5.0			SZGRF

Lake Tanganyika region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 11:09:30.9	56.4	158.6	1.1	16	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/03	11:12:13.9	21.405S	33.005E	33.0N	5.2			SZGRF

Mozambique

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 11:23:44.8	73.7	158.9	1.2	26	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/03	11:37:48.5	2.500S	29.400E	10.0	4.9			NEIC

Lake Tanganyika region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 11:47:14.5	54.5	157.5	1.0	13	4.9		
	e pP	Z 11:47:18.3							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/03	17:10:25.6	6.100S	149.800E	35.0		5.3		NEIC

New Britain, Papua New Guinea, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKPdf	Z 17:29:20.5	124.3	52.8					
	e L	Z 18:22:20.3			21.7	720		5.3	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/04	00:24:17.7	5.261S	28.363E	33.0N	4.9			SZGRF

Lake Tanganyika region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 00:34:00.0	56.9	159.5	1.0	12	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/04	07:44: 8.2	20.868N	66.176W	33.0N	5.4	4.9		SZGRF

North Atlantic Ocean

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 07:54:53.1	66.2	274.7	1.1	25	5.4		
	e L	Z 08:20:22.9			21.6	906		4.9	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/04	10:33:35.1	50.760N	155.290E	33.0N	4.9	4.4		SZGRF

Kuril Islands, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 10:45:13.5	75.0	22.6	0.9	11	4.9		
	e L	Z 11:18:14.8			21.8	188		4.4	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/04	17:01:29.5	20.100S	70.000W	32.0		6.4		NEIC

Near coast of northern Chile

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e Pdiff	Z 17:15:10.0	99.8	250.3					
	e PP	Z 17:19:11.8							
	e L	Z 17:57:14.8			22.0	13137		6.4	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/04	20:12:24.1	37.287N	69.722E	234.6	4.9			SZGRF

Afghanistan-Tajikistan border region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 20:20:00.6	43.0	83.7	1.1	30	4.9		
	e pP	Z 20:20:49.7							
	e PP	Z 20:21:49.7							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/04	20:25: 7.9	37.529N	21.353E	10.0G		4.0		SZGRF

Southern Greece

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RJOB	e Pn	Z 20:27:56.8	12.0	145.3					
	e Sn	E 20:30:04.1							
GEC2	e Pn	Z 20:28:05.6	12.6	151.1					
	e Sn	E 20:30:19.8							

GRA1	e L	Z	20:34:36.5	14.2	145.3	18.7	1036	4.0
BFO	e Pn	Z	20:28:29.7	14.4	133.9			
MOX	e Pn	Z	20:28:34.8	14.8	148.4			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/04	21:19:33.8	36.933N	72.825E	33.0N	4.7			SZGRF

Afghanistan-Tajikistan border region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 21:27:48.2	45.2	82.0	1.2	14	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/04	22:15:39.9	38.152N	21.934E	10.0G				SZGRF

Greece

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RJOB	e Pn	Z 22:18:24.1	11.7	141.9					
GEC2	e Pn	Z 22:18:32.6	12.2	147.9					
WET	e Pn	Z 22:18:40.8	12.8	146.0					
BFO	e Pn	Z 22:18:58.5	14.2	130.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/05	05:56:51.7	3.500S	118.100E	45.0		5.4		NEIC

Sulawesi, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PP	Z 06:15:07.2	103.5	79.2					
	e L	Z 07:02:43.0			21.2	1159		5.4	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/05	10:29:52.0	35.100N	24.300E	33.0N	3.9			noa

Aegean Sea

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 10:33:52.6	17.4	141.9	1.4	15	3.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/06	07:33:25.1	50.030N	28.820W	33.0N	4.9	4.5		SZGRF

Northern Mid-Atlantic Ridge

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z	07:38:22.4	22.3	284.4	1.7	141	5.1		
BUG	e P	Z	07:38:23.9	22.7	280.7	1.1	87	5.2		
IBBN	e P	Z	07:38:27.0	22.8	279.0	1.0	98	5.3		
TNS	e P	Z	07:38:34.8	23.6	284.1	2.4	294	5.4		
BFO	e P	Z	07:38:38.4	24.1	288.1	1.2	31	4.7		
BSEG	e P	Z	07:38:39.3	24.1	276.8	1.5	140	5.3		
NRDL	e P	Z	07:38:39.7	24.2	279.9	1.1	47	4.9		
CLZ	e P	Z	07:38:43.3	24.5	281.4	1.9	133	5.3		
STU	e P	Z	07:38:42.7	24.5	287.5	1.0	39	5.1		
MOX	e P	Z	07:38:52.4	25.5	284.5	2.0	85	5.0		
GRA1	e P	Z	07:38:51.9	25.5	286.3	1.2	43	5.0		
	e L	Z	07:47:47.9			21.1	1475		4.5	
WERD	e P	Z	07:38:55.3	26.0	285.2	1.8	25	4.5		
MANZ	e P	Z	07:38:57.3	26.0	286.0	1.5	49	4.9		
WERN	e P	Z	07:38:56.5	26.1	285.6	1.2	13	4.4		
TANN	e P	Z	07:38:56.7	26.1	285.3	1.1	16	4.5		
ROTZ	e P	Z	07:38:57.3	26.1	286.5	1.3	31	4.8		
CLL	e P	Z	07:38:57.6	26.2	283.8	1.3	39	4.9		
FBE	e P	Z	07:39:00.5	26.5	284.7	1.1	25	4.8		
WET	e P	Z	07:39:02.5	26.7	288.0	1.2	16	4.6		
BRG	e P	Z	07:39:03.9	26.9	285.1	0.9	13	4.6		
RJOB	e P	Z	07:39:06.7	27.1	290.6	1.3	24	4.8		
GEC2	e P	Z	07:39:08.0	27.3	288.8	2.3	62	4.9		

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/06 16:10: 9.7 29.868S 13.070W 33.0N 4.8 4.5
 Southern Mid-Atlantic Ridge

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	16:22:29.1	82.4	201.1	1.3	10	4.8		
	e L	Z	16:54:02.6			21.5	230		4.5	

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/06 17:52:57.8 36.132N 2.488W 33.0N 4.1
 Strait of Gibraltar

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	17:56:53.1	16.8	221.4	1.6	23	4.1		

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/06 18:37:54.3 14.060N 60.590W 55.2 5.4 4.7
 SZGRF

Windward Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z 18:48:24.6	64.3	261.4	1.1	36	5.5		
BUG	e P	Z 18:48:30.5	65.3	261.5	1.1	31	5.4		
	e pP	Z 18:48:46.5							
BFO	e P	Z 18:48:32.2	65.6	263.8	1.2	13	5.0		
IBBN	e P	Z 18:48:33.4	65.7	261.5	1.0	37	5.6		
TNS	e P	Z 18:48:34.6	65.9	263.0	1.0	57	5.8		
	e pP	Z 18:48:49.4							
STU	e P	Z 18:48:36.3	66.2	264.2	1.1	34	5.5		
	e sP	Z 18:48:56.8							
UBBA	e P	Z 18:48:40.8	66.9	264.0	1.5	21	5.1		
NRDL	e P	Z 18:48:43.0	67.2	263.4	1.2	30	5.4		
BSEG	e P	Z 18:48:44.2	67.5	262.9	1.2	37	5.5		
GRA1	e P	Z 18:48:45.2	67.6	265.4	1.1	31	5.5		
	e pP	Z 18:49:00.3							
	e L	Z 19:11:34.4			22.0	488		4.7	
MOX	e P	Z 18:48:47.4	67.9	265.3					
MANZ	e P	Z 18:48:49.7	68.2	266.0	1.1	35	5.5		
	e sP	Z 18:49:10.0							
ROTZ	e P	Z 18:48:49.1	68.2	266.2	1.3	22	5.2		
	e pP	Z 18:49:04.5							
	e sP	Z 18:49:10.2							
WERD	e P	Z 18:48:50.2	68.3	266.0	0.8	7	4.9		
WERN	e P	Z 18:48:50.2	68.4	266.1	1.1	17	5.2		
TANN	e P	Z 18:48:50.9	68.4	266.1	1.3	26	5.3		
WET	e P	Z 18:48:52.0	68.6	266.9	1.1	23	5.3		
	e sP	Z 18:49:12.5							
CLL	e P	Z 18:48:53.3	68.8	266.2	1.0	32	5.5		
	e sP	Z 18:49:14.0							
FBE	e P	Z 18:48:54.5	69.0	266.6	0.9	17	5.3		
	e pP	Z 18:49:09.7							
	e sP	Z 18:49:15.3							
GEC2	e P	Z 18:48:55.0	69.2	267.7	1.1	30	5.4		
	e sP	Z 18:49:15.8							
BRG	e P	Z 18:48:56.8	69.4	267.1	1.1	25	5.4		
	e pP	Z 18:49:11.9							
	e sP	Z 18:49:17.2							

Date Origin Time Lat Long Depth mb Ms ML Source
2008/02/06 20:46:50.5 34.592N 25.323E 32.0G 3.6 THE
Crete, Greece

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 20:50:59.8	18.3	140.3	0.7	4	3.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/07	01:35:38.8	22.400S	177.750W	33.0G				SZGRF
South of Fiji Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	01:55:20.1	147.9	14.1					
RUE	e PKPbc	Z	01:55:22.5	148.6	20.8					
NRDL	e PKPbc	Z	01:55:24.1	149.3	14.3					
IBBN	e PKPbc	Z	01:55:25.6	149.8	10.2					
CLL	e PKPbc	Z	01:55:25.8	149.9	20.1					
	e PKPab	Z	01:55:31.0							
BRG	e PKPbc	Z	01:55:26.2	150.1	22.1					
	e PKPab	Z	01:55:31.9							
FBE	e PKPbc	Z	01:55:26.7	150.2	21.0					
	e PKPab	Z	01:55:32.6							
BUG	e PKPbc	Z	01:55:27.7	150.7	9.5					
MOX	e PKPbc	Z	01:55:28.0	150.8	18.0					
TANN	e PKPbc	Z	01:55:28.0	150.9	19.7					
	e PKPab	Z	01:55:35.3							
WERD	e PKPbc	Z	01:55:28.3	150.9	19.4					
	e PKPab	Z	01:55:35.4							
GUNZ	e PKPbc	Z	01:55:28.7	150.9	19.5					
	e PKPab	Z	01:55:35.8							
UBBA	e PKPbc	Z	01:55:28.2	150.9	14.9					
WERN	e PKPbc	Z	01:55:28.8	151.0	19.6					
	e PKPab	Z	01:55:35.9							
MANZ	e PKPbc	Z	01:55:29.3	151.3	19.3					
ROTZ	e PKPbc	Z	01:55:29.9	151.5	19.6					
	e PKPab	Z	01:55:37.8							
TNS	e PKPbc	Z	01:55:30.5	151.8	12.2					
	e PKPab	Z	01:55:39.0							
GRA1	e PKPbc	Z	01:55:30.5	151.8	17.8					
	e PKPab	Z	01:55:39.5							
WET	e PKPbc	Z	01:55:30.7	152.0	21.3					
	e PKPab	Z	01:55:40.3							
GEC2	e PKPbc	Z	01:55:30.8	152.0	23.0					
	e PKPab	Z	01:55:40.0							
WLF	e PKPbc	Z	01:55:32.7	152.6	7.8					
	e PKPab	Z	01:55:42.7							
STU	e PKPbc	Z	01:55:33.4	153.1	14.3					
	e PKPab	Z	01:55:44.2							
FUR	e PKPbc	Z	01:55:33.2	153.2	18.8					
	e PKPab	Z	01:55:45.6							
RJOB	e PKPbc	Z	01:55:33.3	153.3	22.1					
	e PKPab	Z	01:55:45.9							
BFO	e PKPbc	Z	01:55:34.4	153.6	12.7					
	e PKPab	Z	01:55:46.8							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/07	04:17:33.9	20.600S	176.710W	33.0N				SZGRF
Fiji Islands region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e PKPbc	Z	04:37:16.7	148.3	12.7					
CLL	e PKPbc	Z	04:37:16.4	148.4	17.5					
BRG	e PKPbc	Z	04:37:17.3	148.6	19.4					
FBE	e PKPbc	Z	04:37:17.7	148.7	18.3					
NEUB	e PKPbc	Z	04:37:17.6	148.7	15.4					
WERD	e PKPbc	Z	04:37:19.5	149.3	16.7					
TANN	e PKPbc	Z	04:37:19.0	149.3	17.0					
GUNZ	e PKPbc	Z	04:37:19.7	149.4	16.8					
WERN	e PKPbc	Z	04:37:19.7	149.5	16.9					
MANZ	e PKPbc	Z	04:37:20.9	149.8	16.6					
ROTZ	e PKPbc	Z	04:37:21.5	150.0	16.9					
TNS	e PKPbc	Z	04:37:21.6	150.1	9.7					
GRA1	e PKPbc	Z	04:37:22.1	150.2	15.1					
GEC2	e PKPbc	Z	04:37:22.4	150.6	20.1					
BFO	e PKPbc	Z	04:37:25.6	152.0	10.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/07								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e L	Z	08:52:49.1			21.7	1059			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/07	09:25:31.7	22.950S	179.140W	488.1				SZGRF
South of Fiji Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	09:44:22.2	148.2	16.7					
	e PKPab	Z	09:44:26.7							
RUE	e PKPbc	Z	09:44:24.1	148.9	23.5					
	e PKPab	Z	09:44:29.5							
NRDL	e PKPbc	Z	09:44:25.6	149.6	17.0					
CLL	e PKPdf	Z	09:44:21.0	150.1	22.9					
	e PKPbc	Z	09:44:26.4							
	e PKPab	Z	09:44:34.5							
	e		09:45:52.8							
	e pPKPbc	Z	09:46:21.8							

IBBN	e	PKPdf	Z	09:44:21.5	150.2	12.8
	e	PKPbc	Z	09:44:27.0		
	e	PKPab	Z	09:44:34.8		
CLZ	e	PKPbc	Z	09:44:27.3	150.2	17.8
	e			09:45:54.3		
	e	pPKPbc	Z	09:46:22.2		
BRG	e	PKPdf	Z	09:44:21.3	150.3	24.9
	e	PKPbc	Z	09:44:26.9		
	e			09:45:53.5		
FBE	e	pPKPbc	Z	09:46:22.5	150.4	23.8
	e	PKPdf	Z	09:44:22.0		
	e	PKPbc	Z	09:44:27.9		
MOX	e	PKPab	Z	09:44:36.2	151.1	20.8
	e	PKPdf	Z	09:44:22.6		
	e	PKPbc	Z	09:44:29.0		
TANN	e	PKPab	Z	09:44:38.7	151.1	22.5
	e			09:45:55.7		
	e	pPKPbc	Z	09:46:24.2		
BUG	e	PKPdf	Z	09:44:22.5	151.1	12.3
	e	PKPbc	Z	09:44:29.3		
	e	PKPab	Z	09:44:38.7		
WERD	e			09:45:55.5	151.1	22.2
	e	pPKPbc	Z	09:46:24.3		
	e	PKPdf	Z	09:44:23.0		
GUNZ	e	PKPbc	Z	09:44:28.5	151.2	22.3
	e	pPKPbc	Z	09:46:23.9		
	e	PKPdf	Z	09:44:22.7		
WERN	e	PKPbc	Z	09:44:28.7	151.2	22.4
	e	PKPab	Z	09:44:39.1		
	e			09:45:55.7		
UBBA	e	pPKPbc	Z	09:46:24.4	151.2	17.7
	e	PKPdf	Z	09:44:23.2		
	e	PKPbc	Z	09:44:29.6		
MANZ	e	PKPab	Z	09:44:39.3	151.6	22.2
	e	pPKPbc	Z	09:46:24.9		
	e	PKPbc	Z	09:44:29.8		
ROTZ	e	PKPab	Z	09:44:39.7	151.7	22.5
	e			09:45:56.2		
	e	PKPdf	Z	09:44:22.6		
GRA1	e	PKPbc	Z	09:44:29.0	152.0	20.7
	e			09:45:55.3		
	e	PKPdf	Z	09:44:23.7		
	e	PKPbc	Z	09:44:30.5	151.7	22.5
	e	pPKPbc	Z	09:46:25.6		
	e	PKPdf	Z	09:44:23.8		
	e	PKPbc	Z	09:44:30.7	151.7	22.5
	e	PKPab	Z	09:44:41.9		
	e	pPKPbc	Z	09:46:25.9		
	e	PKPbc	Z	09:44:31.5	152.0	20.7
	e					

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	e	PKPab	Z	09:44:43.3					
	e	pPKPbc	Z	09:46:26.4					
TNS	e	PKPdf	Z	09:44:24.5	152.1	15.1			
	e	PKPbc	Z	09:44:31.2					
	e	PKPab	Z	09:44:42.9					
WET	e	PKPdf	Z	09:44:24.2	152.1	24.2			
	e	PKPbc	Z	09:44:31.1					
	e	PKPab	Z	09:44:43.4					
GEC2	e	PKPdf	Z	09:44:24.4	152.2	26.0			
	e	PKPbc	Z	09:44:31.5					
	e	PKPab	Z	09:44:43.8					
	e	pPKPbc	Z	09:46:26.9					
WLF	e	PKPdf	Z	09:44:27.0	153.0	10.8			
	e	PKPbc	Z	09:44:34.0					
	e	PKPab	Z	09:44:46.6					
STU	e	PKPdf	Z	09:44:26.2	153.3	17.3			
	e	PKPbc	Z	09:44:34.5					
	e	PKPab	Z	09:44:48.3					
RJOB	e	PKPab	Z	09:44:49.4	153.4	25.2			
FUR	e	PKPab	Z	09:44:48.8	153.5	21.9			
BFO	e	PKPbc	Z	09:44:35.2	153.9	15.8			
	e	PKPab	Z	09:44:50.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/07	12:44: 9.2	16.700S	172.660W	33.0G				SZGRF
Samoa Islands region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
MOX	e	PKPbc	Z 13:03:45.0	145.9	7.3					
WERD	e	PKPbc	Z 13:03:45.6	146.0	8.5					
TANN	e	PKPbc	Z 13:03:46.1	146.0	8.8					
GUNZ	e	PKPbc	Z 13:03:45.4	146.1	8.6					
WERN	e	PKPbc	Z 13:03:46.1	146.2	8.7					
TNS	e	PKPbc	Z 13:03:47.4	146.5	1.9					
MANZ	e	PKPbc	Z 13:03:47.4	146.5	8.3					
ROTZ	e	PKPbc	Z 13:03:48.8	146.7	8.5					
GRA1	e	PKPbc	Z 13:03:49.4	146.9	6.8					
WET	e	PKPbc	Z 13:03:49.6	147.2	9.8					
GEC2	e	PKPbc	Z 13:03:49.7	147.4	11.4					
BFO	e	PKPbc	Z 13:03:52.0	148.4	1.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/07	20:15:34.6	29.112N	53.968E	33.0N	4.7			SZGRF
Southern Iran								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	20:22:36.9	36.4	107.8	2.1	21	4.6		
RJOB	e P	Z	20:22:37.6	36.6	105.5	1.3	9	4.3		
BRG	e P	Z	20:22:40.7	36.9	110.7	1.6	17	4.5		
ROTZ	e P	Z	20:22:44.9	37.6	107.5	2.1	38	4.8		
CLL	e P	Z	20:22:47.0	37.6	110.2	1.9	33	4.7		
FUR	e P	Z	20:22:48.0	37.7	104.6	0.9	15	4.7		
GRA1	e P	Z	20:22:51.3	38.2	106.4	1.5	27	4.8		
CLZ	e P	Z	20:23:01.9	39.3	108.1	1.7	41	4.8		
NRDL	e P	Z	20:23:02.1	39.7	108.6	1.3	34	4.8		
BSEG	e P	Z	20:23:06.5	40.1	110.4	1.4	31	4.7		
WLF	e P	Z	20:23:19.0	41.4	101.6	1.3	16	4.6		

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/07 20:58:18.2 7.600S 116.800E 313.0 NEIC
 Bali Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e Pdiff	Z	21:11:45.2	104.0	84.8					
	e PP	Z	21:16:06.3							
GEC2	e Pdiff	Z	21:11:46.7	104.3	85.1					
FBE	e Pdiff	Z	21:11:46.7	104.4	84.3					
WET	e Pdiff	Z	21:11:49.0	104.8	84.4					
GUNZ	e PP	Z	21:16:13.3	105.1	83.7					
ROTZ	e PP	Z	21:16:16.8	105.2	83.7					
MOX	e PP	Z	21:16:16.9	105.5	83.0					
GRA1	e Pdiff	Z	21:11:53.6	105.8	83.0					
	e PP	Z	21:16:19.3							

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/07 21:30: 3.5 24.200S 179.530E 531.4 SZGRF
 South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	21:48:51.6	149.2	19.5					
RUE	e PKPbc	Z	21:48:53.1	149.7	26.4					
NRDL	e PKPbc	Z	21:48:54.8	150.6	19.9					
	e pPKPab	Z	21:51:05.1							
CLL	e PKPbc	Z	21:48:56.0	151.0	26.0					
	e pPKPab	Z	21:51:06.1							
BRG	e PKPbc	Z	21:48:56.6	151.1	28.0					
	e pPKPab	Z	21:51:06.6							
CLZ	e PKPbc	Z	21:48:56.6	151.1	20.8					
	e pPKPab	Z	21:51:06.8							
IBBN	e PKPbc	Z	21:48:56.8	151.2	15.7					

	e	PKPab	Z	21:49:06.1		
FBE	e	PKPbc	Z	21:48:56.9	151.2	26.9
	e	pPKPab	Z	21:51:07.1		
TANN	e	PKPbc	Z	21:48:57.7	151.9	25.7
	e	pPKPab	Z	21:51:08.6		
WERD	e	PKPbc	Z	21:48:58.3	151.9	25.4
	e	PKPab	Z	21:49:09.3		
	e	pPKPab	Z	21:51:09.0		
MOX	e	PKPbc	Z	21:48:58.2	152.0	24.0
	e	PKPab	Z	21:49:08.9		
	e	pPKPab	Z	21:51:08.5		
GUNZ	e	PKPbc	Z	21:48:59.1	152.0	25.5
	e	PKPab	Z	21:49:10.5		
	e	pPKPab	Z	21:51:09.0		
WERN	e	PKPbc	Z	21:48:58.7	152.1	25.7
	e	PKPab	Z	21:49:10.9		
	e	pPKPab	Z	21:51:09.1		
MANZ	e	PKPbc	Z	21:48:58.8	152.4	25.4
	e	pPKPab	Z	21:51:09.6		
ROTZ	e	PKPbc	Z	21:49:00.2	152.6	25.8
	e	PKPab	Z	21:49:13.1		
GRA1	e	PKPab	Z	21:49:13.7	152.9	24.0
WET	e	PKPbc	Z	21:49:00.2	152.9	27.6
GEC2	e	PKPbc	Z	21:49:00.9	153.0	29.4
	e	PKPab	Z	21:49:13.8		
TNS	e	PKPbc	Z	21:49:01.1	153.1	18.2
	e	PKPab	Z	21:49:13.9		
WLF	e	PKPab	Z	21:49:18.4	154.0	13.9
RJOB	e	PKPab	Z	21:49:19.9	154.2	28.8
STU	e	PKPab	Z	21:49:19.4	154.3	20.7
FUR	e	PKPab	Z	21:49:19.7	154.3	25.3

Date 2008/02/07
 Origin Time 23:25: 3.3
 Lat 54.500N
 Long 108.500E
 Depth 33.0N
 mb 5.4
 Ms
 ML
 Source SZGRF
 Lake Baykal, Russia, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 23:34:26.9	53.0	46.5	2.0	63	5.2		
CLL	e P	Z 23:34:28.8	53.1	46.3	2.7	120	5.3		
FBE	e P	Z 23:34:29.7	53.2	46.3	2.6	153	5.5		
CLZ	e P	Z 23:34:34.1	53.9	45.4	2.3	70	5.3		
TANN	e P	Z 23:34:35.3	53.9	45.6	2.7	127	5.5		
WERD	e P	Z 23:34:33.9	54.0	45.5	1.9	41	5.1		
GUNZ	e P	Z 23:34:35.1	54.0	45.5	2.4	122	5.5		
WERN	e P	Z 23:34:35.7	54.1	45.5	2.8	162	5.6		
MOX	e P	Z 23:34:36.8	54.2	45.3	2.4	87	5.4		
ROTZ	e P	Z 23:34:39.3	54.5	45.1	2.7	122	5.5		

GRA1	e P	Z	23:34:42.5	55.0	44.7	1.9	78	5.4
BUG	e P	Z	23:34:46.0	55.5	43.7			
BFO	e P	Z	23:34:59.1	57.3	42.8	2.0	38	5.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/08	09:38:20.6	10.900N	41.340W	33.0N	6.3	6.9		SZGRF
Northern Mid-Atlantic Ridge								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z	09:47:48.8	55.0	242.1	1.3	326	6.2		
	e S	R	09:55:34.2							
BFO	e P	Z	09:47:53.9	55.7	245.0	1.3	669	6.5		
	e S	R	09:55:44.0							
STU	e P	Z	09:47:58.5	56.4	245.5	1.1	336	6.3		
	e S	R	09:55:53.4							
BUG	e P	Z	09:47:59.3	56.5	242.1	1.5	442	6.3		
	e S	R	09:55:48.7							
TNS	e P	Z	09:48:00.5	56.6	244.0	1.8	1226	6.6		
	e S	R	09:55:57.8							
IBBN	e P	Z	09:48:04.0	57.1	242.1	1.5	586	6.4		
	e S	R	09:55:56.6							
FUR	e P	Z	09:48:06.4	57.4	247.8	1.4	1065	6.7		
	e S	R	09:56:06.4							
UBBA	e P	Z	09:48:08.4	57.7	245.1	1.8	343	6.1		
	e S	R	09:56:10.3							
GRA1	e P	Z	09:48:10.0	58.0	246.9	1.6	599	6.4		
	e S	R	09:56:12.9							
	e SS	R	09:59:59.8							
	e L	Z	10:08:43.3			20.9	98184		6.9	
	e PKPPKPdf	Z	10:17:56.9							
HLG	e P	Z	09:48:10.4	58.1	241.2	1.3	654	6.5		
RJOB	e P	Z	09:48:11.4	58.2	249.4	1.3	374	6.3		
	e S	R	09:56:11.1							
CLZ	e P	Z	09:48:12.6	58.4	244.9	1.4	215	6.0		
	e S	R	09:56:20.1							
NRDL	e P	Z	09:48:14.0	58.5	244.3	1.6	587	6.4		
	e S	R	09:56:19.6							
MOX	e P	Z	09:48:14.4	58.6	246.7	1.6	493	6.3		
	e S	R	09:56:23.8							
ROTZ	e P	Z	09:48:14.4	58.6	247.7	1.5	460	6.3		
	e S	R	09:56:18.8							
MANZ	e P	Z	09:48:14.6	58.6	247.5	1.4	174	5.9		
	e S	R	09:56:20.4							
WET	e P	Z	09:48:15.3	58.8	248.7	1.4	218	6.0		
	e S	R	09:56:21.5							
WERN	e P	Z	09:48:16.7	58.9	247.6	1.5	583	6.4		
GUNZ	e P	Z	09:48:16.6	58.9	247.5	1.5	438	6.3		

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WERD	e P	Z	09:48:16.7	58.9	247.4	1.6	354	6.2
TANN	e P	Z	09:48:17.4	59.0	247.6	1.5	397	6.2
	e S	R	09:56:31.6					
GEC2	e P	Z	09:48:18.0	59.2	249.6	1.7	270	6.0
	e S	R	09:56:24.9					
BSEG	e P	Z	09:48:18.7	59.2	243.7	1.3	602	6.5
	e S	R	09:56:27.9					
CLL	e P	Z	09:48:21.7	59.6	247.6	1.5	334	6.1
	e S	R	09:56:33.5					
FBE	e P	Z	09:48:22.3	59.7	248.1	1.6	440	6.2
BRG	e P	Z	09:48:24.6	60.0	248.7	1.6	277	6.0
	e S	R	09:56:38.3					
RUE	e P	Z	09:48:28.0	60.5	247.7	1.2	587	6.3
RGN	e P	Z	09:48:31.5	61.1	246.2	1.2	408	6.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/08								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKPbc	Z 11:02:13.9							
CLL	e PKPbc	Z 11:02:13.5							
CLZ	e PKPbc	Z 11:02:14.1							
FBE	e PKPbc	Z 11:02:14.5							
TANN	e PKPbc	Z 11:02:15.6							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/08								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 13:46:16.2							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/08	17:31:38.6	54.840N	165.780W	33.0N	5.1			SZGRF
Fox Islands, Aleutian Islands, United States								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 17:42:57.2	71.2	357.6	1.2	34	5.3		
NRDL	e P	Z 17:43:04.8	72.6	357.5	1.1	20	5.2		
RUE	e P	Z 17:43:06.0	72.7	359.7	1.4	48	5.4		
IBBN	e P	Z 17:43:06.3	72.7	356.1	0.7	23	5.4		
CLZ	e P	Z 17:43:09.6	73.3	357.7	1.2	40	5.4		
BUG	e P	Z 17:43:10.9	73.6	355.8	1.0	26	5.3		
CLL	e P	Z 17:43:12.3	73.8	359.3	1.1	17	5.1		

FBE	e P	Z	17:43:14.7	74.2	359.5	1.0	23	5.2
BRG	e P	Z	17:43:15.1	74.3	359.8	1.4	21	5.0
MOX	e P	Z	17:43:16.2	74.5	358.4	1.2	22	5.1
WERD	e P	Z	17:43:17.5	74.7	358.9	1.7	23	4.9
TANN	e P	Z	17:43:17.9	74.7	359.0	1.6	23	4.9
TNS	e P	Z	17:43:18.1	74.8	356.6	1.1	20	5.0
WERN	e P	Z	17:43:18.6	74.9	358.9	1.1	19	5.0
MANZ	e P	Z	17:43:19.7	75.2	358.7	1.5	15	4.8
WLF	e P	Z	17:43:21.2	75.3	355.2	1.4	36	5.2
ROTZ	e P	Z	17:43:21.6	75.4	358.8	1.3	20	5.0
GRA1	e P	Z	17:43:21.9	75.4	358.2	1.6	63	5.4
WET	e P	Z	17:43:25.3	76.0	359.2	1.2	15	4.9
STU	e P	Z	17:43:26.7	76.3	357.0	1.2	27	5.2
GEC2	e P	Z	17:43:27.0	76.3	359.7	2.1	46	5.2
BFO	e P	Z	17:43:28.9	76.7	356.5	1.9	53	5.3
RJOB	e P	Z	17:43:33.5	77.4	359.2	0.8	8	4.9

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/08 22:07:3.8 36.244N 141.440E 45.2 5.0
 Near east coast of eastern Honshu, Japan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 22:19:12.1	80.5	38.0	1.0	11	4.8		
	e pP	Z 22:19:25.9							
BRG	e P	Z 22:19:17.3	81.4	40.3	0.9	8	4.8		
CLL	e P	Z 22:19:17.3	81.5	39.7	0.9	14	5.1		
	e pP	Z 22:19:30.4							
CLZ	e P	Z 22:19:20.9	82.1	37.9	0.9	8	4.8		
MANZ	e P	Z 22:19:24.8	82.9	39.0	0.8	5	4.8		
	e pP	Z 22:19:38.4							
ROTZ	e P	Z 22:19:26.1	83.0	39.0	1.0	7	4.9		
GEC2	e P	Z 22:19:25.9	83.1	40.0	1.1	9	4.9		
	e pP	Z 22:19:39.1							
GRA1	e P	Z 22:19:28.4	83.5	38.3	0.9	14	5.2		
RJOB	e P	Z 22:19:33.2	84.3	39.3	1.0	11	5.0		
FUR	e P	Z 22:19:34.4	84.6	38.2	0.9	20	5.4		
STU	e P	Z 22:19:35.8	85.0	36.8	0.8	15	5.2		
BFO	e P	Z 22:19:39.3	85.7	36.2	0.9	14	5.1		
	e pP	Z 22:19:52.0							

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/09 03:49:43.5 32.580N 137.350E 33.0N 5.0
 Southeast of Honshu, Japan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
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RUE	e P	Z	04:02:01.1	81.8	45.2	1.0	21	5.2
BSEG	e P	Z	04:02:02.8	82.2	42.8	0.9	20	5.2
BRG	e P	Z	04:02:06.4	82.8	45.2	0.8	8	5.0
CLL	e P	Z	04:02:06.8	82.9	44.5	1.3	20	5.2
FBE	e P	Z	04:02:07.8	83.1	44.7	1.0	17	5.2
CLZ	e P	Z	04:02:10.9	83.7	42.6	1.7	30	5.2
WERD	e P	Z	04:02:11.3	83.9	43.9	1.1	7	4.8
GUNZ	e P	Z	04:02:11.6	83.9	43.9	1.0	6	4.8
WERN	e P	Z	04:02:11.9	83.9	44.0	0.9	5	4.7
GEC2	e P	Z	04:02:13.9	84.4	44.8	1.1	7	4.8
GRA1	e P	Z	04:02:17.1	84.9	43.1	1.2	17	5.2
RJOB	e P	Z	04:02:20.5	85.6	44.1	0.9	6	4.7

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/09	04:32:59.7	51.381N	168.709W	33.0N	4.9			SZGRF
Fox Islands, Aleutian Islands, United States								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 04:45:00.3	78.9	360.0	1.2	15	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/09	04:45:13.9	21.216S	176.123W	33.0G				SZGRF
Fiji Islands region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPbc	Z 05:04:58.6	149.1	16.7					
	e	05:05:01.6							
BRG	e PKPbc	Z 05:04:59.3	149.3	18.6					
	e	05:05:02.2							
FBE	e PKPbc	Z 05:04:59.9	149.4	17.5					
	e	05:05:02.7							
WERD	e PKPbc	Z 05:05:01.0	150.0	15.9					
	e	05:05:04.2							
TANN	e PKPbc	Z 05:05:01.1	150.0	16.2					
	e	05:05:04.2							
GRA1	e	05:05:06.8	150.9	14.2					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/09	07:12:10.2	32.134N	117.311W	33.0N	5.0	5.1		SZGRF
California-Baja California border region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 07:24:49.2	86.3	318.4	1.6	18	5.0		

e L Z 08:02:07.7 18.1 677 5.1

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/09 18:33:59.1 0.200S 125.100E 20.0 5.6
 Southern Molucca Sea

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e Pdiff	Z 18:47:58.1	103.3	73.4					
	e PP	Z 18:52:16.5							
CLL	e Pdiff	Z 18:48:00.1	103.8	72.5					
	e PP	Z 18:52:18.8							
GEC2	e Pdiff	Z 18:48:01.3	104.0	73.7					
TANN	e Pdiff	Z 18:48:02.0	104.4	72.3					
	e PP	Z 18:52:24.1							
BSEG	e Pdiff	Z 18:48:03.5	104.5	69.6					
WET	e Pdiff	Z 18:48:03.5	104.5	73.0					
	e PP	Z 18:52:26.3							
MANZ	e Pdiff	Z 18:48:05.0	104.7	72.1					
ROTZ	e Pdiff	Z 18:48:03.9	104.7	72.3					
	e PP	Z 18:52:27.3							
MOX	e Pdiff	Z 18:48:04.7	104.8	71.6					
	e PP	Z 18:52:27.3							
RJOB	e Pdiff	Z 18:48:04.6	104.9	73.2					
	e PP	Z 18:52:30.3							
NRDL	e Pdiff	Z 18:48:06.4	105.1	69.8					
	e PP	Z 18:52:30.2							
CLZ	e Pdiff	Z 18:48:06.8	105.1	70.2					
GRA1	e Pdiff	Z 18:48:07.4	105.3	71.5					
	e PP	Z 18:52:31.7							
	e SKSac	R 18:58:54.1							
	e PS	R 19:01:53.5							
	e L	Z 19:44:35.2			21.7	1889		5.6	
IBBN	e Pdiff	Z 18:48:13.6	106.5	67.9					
TNS	e Pdiff	Z 18:48:14.6	106.8	69.0					
BFO	e PP	Z 18:52:47.7	107.6	69.5					

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/10 00:08:48.8 17.187S 177.841W 33.0N
 Fiji Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 00:28:14.5	142.7	12.9					
NRDL	e PKPbc	Z 00:28:19.7	144.1	13.0					
IBBN	e PKPbc	Z 00:28:21.3	144.6	9.3					
CLZ	e PKPbc	Z 00:28:21.6	144.7	13.7					

CLL	e	PKPbc	Z	00:28:21.4	144.8	18.2
TANN	e	PKPbc	Z	00:28:24.6	145.8	17.7
MANZ	e	PKPbc	Z	00:28:26.2	146.2	17.3
ROTZ	e	PKPbc	Z	00:28:26.7	146.4	17.5
TNS	e	PKPbc	Z	00:28:27.0	146.6	11.0
GRA1	e	PKPbc	Z	00:28:26.7	146.7	15.9
GEC2	e	PKPbc	Z	00:28:27.9	147.0	20.5
WLF	e	PKPbc	Z	00:28:29.9	147.4	7.1
STU	e	PKPbc	Z	00:28:30.6	147.9	12.7
	e	PKPab	Z	00:28:34.8		
FUR	e	PKPbc	Z	00:28:31.0	148.1	16.7
RJOB	e	PKPab	Z	00:28:36.7	148.2	19.6
BFO	e	PKPbc	Z	00:28:31.6	148.5	11.3
	e	PKPab	Z	00:28:37.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/10	00:37:10.5	35.422N	141.465E	33.0N	5.2			SZGRF

Near east coast of eastern Honshu, Japan

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	00:49:23.3	81.2	38.4	1.1	23	5.2		
BRG	e P	Z	00:49:28.0	82.2	40.7	0.9	8	4.8		
CLL	e P	Z	00:49:28.0	82.2	40.1	0.9	15	5.2		
MOX	e P	Z	00:49:33.8	83.3	39.0	1.0	8	4.9		
IBBN	e P	Z	00:49:34.8	83.4	36.4					
MANZ	e P	Z	00:49:35.5	83.6	39.3					
ROTZ	e P	Z	00:49:36.6	83.7	39.4					
UBBA	e P	Z	00:49:36.3	83.8	37.9					
GEC2	e P	Z	00:49:36.4	83.8	40.4	1.2	17	5.2		
WET	e P	Z	00:49:37.3	83.9	39.8	1.6	20	5.1		
GRA1	e P	Z	00:49:38.9	84.2	38.7	1.1	39	5.5		
BUG	e P	Z	00:49:39.0	84.3	36.0					
TNS	e P	Z	00:49:41.9	84.9	36.7	1.3	36	5.4		
RJOB	e P	Z	00:49:42.8	85.0	39.7					
FUR	e P	Z	00:49:44.6	85.4	38.7					
STU	e P	Z	00:49:46.0	85.7	37.2	1.0	24	5.3		
WLF	e P	Z	00:49:48.8	86.2	35.1					
BFO	e P	Z	00:49:49.3	86.4	36.6	1.5	27	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/10	07:36: 9.0	5.920N	77.190W	33.0N	5.1			SZGRF

Near west coast of Colombia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z	07:48:22.1	81.2	268.8					

BUG	e P	Z	07:48:25.8	81.9	269.4	1.4	20	5.0
IBBN	e P	Z	07:48:27.4	82.2	269.6			
TNS	e P	Z	07:48:29.6	82.7	270.5	1.4	26	5.3
STU	e P	Z	07:48:32.1	83.2	271.2			
NRDL	e P	Z	07:48:34.7	83.7	271.5			
BSEG	e P	Z	07:48:35.0	83.8	271.5	2.2	70	5.5
CLZ	e P	Z	07:48:36.0	83.8	271.8	1.9	47	5.4
GRA1	e P	Z	07:48:38.9	84.5	272.6	1.7	34	5.3
MOX	e P	Z	07:48:39.9	84.7	272.8	1.2	7	4.8
MANZ	e P	Z	07:48:42.0	85.0	273.3			
TANN	e P	Z	07:48:42.7	85.2	273.5			
CLL	e P	Z	07:48:44.2	85.5	273.9	1.2	10	4.8
WET	e P	Z	07:48:44.6	85.6	273.9	1.1	16	5.0
RJOB	e P	Z	07:48:44.4	85.6	274.0			
BRG	e P	Z	07:48:47.3	86.1	274.6	1.4	15	4.9
GEC2	e P	Z	07:48:47.2	86.1	274.6	1.0	9	4.8

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/10 12:22: 3.7 60.800S 25.500W 10.0 6.6
 South Sandwich Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e PP	Z	12:41:23.3	112.5	197.1					
RJOB	e PP	Z	12:41:28.0	112.9	199.2					
FUR	e PKPdf	Z	12:40:38.1	112.9	198.5					
	e PP	Z	12:41:27.5							
STU	e PP	Z	12:41:28.1	113.1	197.6					
WLF	e PP	Z	12:41:29.6	113.4	196.2					
GEC2	e PP	Z	12:41:35.1	114.1	199.7					
WET	e PP	Z	12:41:36.0	114.2	199.4					
TNS	e PKPdf	Z	12:40:40.3	114.3	197.4					
	e PP	Z	12:41:35.6							
GRA1	e PP	Z	12:41:37.3	114.4	198.7					
	e PS	N	12:51:07.9							
	e PKKP	Z	12:51:24.1							
	e SS	N	12:57:31.9							
	e L	Z	13:24:51.6			20.5	14421		6.6	
ROTZ	e PP	Z	12:41:38.2	114.7	199.2					
MANZ	e PP	Z	12:41:39.6	114.8	199.2					
UBBA	e PKPdf	Z	12:40:42.2	115.2	198.2					
	e PP	Z	12:41:41.4							
BUG	e PKPdf	Z	12:40:41.3	115.3	197.0					
TANN	e PKPdf	Z	12:40:42.2	115.3	199.4					
	e PP	Z	12:41:43.5							
MOX	e PKPdf	Z	12:40:41.8	115.4	199.0					
	e PP	Z	12:41:43.9							
BRG	e PKPdf	Z	12:40:44.0	116.1	200.2					

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	e PP	Z	12:41:48.9		
IBBN	e PKPdf	Z	12:40:44.7	116.2	197.3
	e PP	Z	12:41:48.9		
CLZ	e PKPdf	Z	12:40:44.9	116.2	198.6
	e PP	Z	12:41:50.0		
CLL	e PKPdf	Z	12:40:43.8	116.3	199.8
	e PP	Z	12:41:50.4		
NRDL	e PKPdf	Z	12:40:46.3	116.8	198.6
BSEG	e PKPdf	Z	12:40:48.8	118.2	198.9
	e PP	Z	12:42:05.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/10	21:03:37.1	35.416N	89.649E	13.8	4.8			SZGRF

Xizang

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	21:13:04.2	54.8	75.1	1.8	21	4.9		
CLL	e P	Z	21:13:07.1	55.3	74.8					
GEC2	e P	Z	21:13:09.1	55.5	73.6	2.5	45	5.1		
TANN	e P	Z	21:13:11.2	55.8	73.9					
WET	e P	Z	21:13:12.4	55.9	73.3					
MANZ	e P	Z	21:13:14.1	56.2	73.4					
ROTZ	e P	Z	21:13:14.3	56.2	73.3					
MOX	e P	Z	21:13:14.1	56.3	73.5	1.5	9	4.6		
NRDL	e P	Z	21:13:16.9	56.6	73.6					
CLZ	e P	Z	21:13:17.2	56.7	73.4					
GRA1	e P	Z	21:13:18.4	56.8	72.6	0.9	9	4.8		
	e pP	Z	21:13:22.2							
UBBA	e P	Z	21:13:21.0	57.2	72.5					
FUR	e P	Z	21:13:21.4	57.2	71.7					
IBBN	e P	Z	21:13:27.1	58.1	71.9					
BUG	e P	Z	21:13:31.4	58.6	71.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/11	03:08:11.3	52.729N	171.058E	33.0N	4.9			SZGRF

Near Islands, Aleutian Islands, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	03:19:32.3	72.1	12.1	1.0	11	4.9		
CLZ	e P	Z	03:19:45.2	74.2	12.0	1.3	14	4.8		
CLL	e P	Z	03:19:45.8	74.3	13.6	1.2	11	4.7		
BRG	e P	Z	03:19:46.9	74.6	14.1	1.4	14	4.8		
MOX	e P	Z	03:19:50.4	75.2	12.7	1.3	8	4.6		
UBBA	e P	Z	03:19:50.9	75.2	11.7	1.4	12	4.7		
TANN	e P	Z	03:19:51.3	75.3	13.2	1.4	14	4.8		

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ROTZ	e P	Z	03:19:55.3	76.0	13.0	1.4	14	4.9
GRA1	e P	Z	03:19:56.6	76.2	12.4	1.5	35	5.3
WET	e P	Z	03:19:58.4	76.5	13.4	1.4	16	5.0
GEC2	e P	Z	03:19:59.1	76.6	13.9	1.3	12	4.9
WLF	e P	Z	03:19:58.3	76.8	9.3	1.3	14	4.9
FUR	e P	Z	03:20:04.6	77.7	12.4	1.5	26	5.2
RJOB	e P	Z	03:20:06.1	77.8	13.3	1.4	12	4.8

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/11	12:05:26.4	16.740S	179.290W	33.0N				SZGRF

Fiji Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
PRU	e PKPbc	Z 12:24:59.5	144.9	23.5					
MOX	e PKPbc	Z 12:24:58.6	145.0	18.4					
PLN	e PKPbc	Z 12:24:59.2	145.0	19.4					
TANN	e PKPbc	Z 12:24:59.3	145.0	19.9					
WERD	e PKPbc	Z 12:24:59.3	145.0	19.6					
GUNZ	e PKPbc	Z 12:24:59.6	145.1	19.7					
WERN	e PKPbc	Z 12:24:59.6	145.2	19.8					
MANZ	e PKPbc	Z 12:25:00.3	145.5	19.5					
ROTZ	e PKPbc	Z 12:25:01.8	145.7	19.8					
GRA1	e PKPbc	Z 12:25:02.6	146.0	18.2					
GEC2	e PKPbc	Z 12:25:03.5	146.2	22.8					
RJOB	e PKPbc	Z 12:25:06.8	147.4	21.9					
BFO	e PKPbc	Z 12:25:08.6	147.8	13.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/11	16:33:18.8	9.685S	67.489E	33.0N	4.6			SZGRF

Mid-Indian Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 16:45:08.4	76.9	122.7	0.9	5	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/11	16:36:53.7	17.140S	177.500E	19.3				SZGRF

Fiji Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
ROTZ	e PKPbc	Z 16:56:29.4	145.3	25.2					
	e pPKPbc	Z 16:56:35.4							
GRA1	e PKPbc	Z 16:56:30.4	145.6	23.7					
	e pPKPbc	Z 16:56:36.4							

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WET	e	PKPbc	Z	16:56:30.5	145.7	26.7
	e	pPKPbc	Z	16:56:36.5		
GEC2	e	PKPbc	Z	16:56:30.7	145.7	28.2
	e	pPKPbc	Z	16:56:36.3		
WLF	e	PKPbc	Z	16:56:34.1	146.7	15.2
	e	pPKPbc	Z	16:56:39.9		
RJOB	e	PKPbc	Z	16:56:34.7	146.9	27.5
FUR	e	PKPbc	Z	16:56:34.8	147.0	24.7
	e	pPKPbc	Z	16:56:40.5		
BFO	e	PKPbc	Z	16:56:36.0	147.6	19.6
	e	pPKPbc	Z	16:56:42.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/11	18:29:44.8	32.378N	114.886W	33.0N	5.0	5.3		SZGRF
Western Arizona-Sonora border region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 18:42:17.5	85.0	316.8	1.9	17	5.0		
	e L	Z 19:21:02.7			18.3	1047		5.3	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/11	22:20:32.3	15.660N	94.300W	101.6	5.3			SZGRF
Near coast of Oaxaca, Mexico								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z 22:32:54.8	84.7	288.0	1.1	28	5.4		
BUG	e P	Z 22:32:55.0	84.8	288.7	1.4	31	5.3		
IBBN	e P	Z 22:32:55.1	84.8	289.0	1.1	35	5.5		
BSEG	e P	Z 22:32:59.6	85.7	290.9	0.9	57	5.7		
	e pP	Z 22:33:25.8							
TNS	e P	Z 22:33:00.4	85.9	289.7	0.9	105	6.0		
NRDL	e P	Z 22:33:01.5	86.1	290.8	0.9	30	5.4		
	e pP	Z 22:33:27.7							
BFO	e P	Z 22:33:02.7	86.5	289.7	1.2	29	5.3		
	e pP	Z 22:33:30.0							
CLZ	e P	Z 22:33:03.4	86.5	291.1	1.1	27	5.3		
UBBA	e P	Z 22:33:04.5	86.6	290.8	1.5	26	5.1		
STU	e P	Z 22:33:05.4	86.9	290.3	0.7	42	5.7		
MOX	e P	Z 22:33:08.9	87.6	292.1	0.9	9	5.1		
	e pP	Z 22:33:34.6							
GRA1	e P	Z 22:33:09.8	87.8	291.8	1.1	26	5.5		
	e pP	Z 22:33:36.9							
CLL	e P	Z 22:33:11.5	88.2	293.1	0.9	4	4.8		
	e pP	Z 22:33:38.3							
TANN	e P	Z 22:33:11.9	88.2	292.7	1.0	9	5.0		

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ROTZ	e P	Z	22:33:12.1	88.3	292.5	0.9	6	4.9
	e pP	Z	22:33:38.7					
BRG	e P	Z	22:33:14.9	88.9	293.8	0.9	14	5.2
WET	e P	Z	22:33:15.4	89.0	293.1	1.0	13	5.1
RJOB	e P	Z	22:33:17.9	89.5	293.0	1.0	9	4.9
GEC2	e P	Z	22:33:17.9	89.6	293.7	1.1	15	5.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/11	23:05:43.5	28.970N	138.551E	33.0N	5.0			SZGRF

Bonin Islands, Japan, region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	23:18:23.0	86.4	46.2	0.7	4	4.7		
CLL	e P	Z	23:18:23.2	86.6	45.5	0.7	6	4.8		
CLZ	e P	Z	23:18:26.8	87.3	43.5	0.8	6	4.7		
MOX	e P	Z	23:18:28.6	87.6	44.4	0.9	4	4.5		
GEC2	e P	Z	23:18:30.1	88.0	45.9	0.8	4	4.7		
ROTZ	e P	Z	23:18:31.0	88.0	44.8	1.1	8	4.7		
IBBN	e P	Z	23:18:31.3	88.1	41.5	0.6	14	5.3		
WET	e P	Z	23:18:31.2	88.1	45.3	1.5	11	5.0		
GRA1	e P	Z	23:18:33.0	88.5	44.1	1.3	22	5.3		
RJOB	e P	Z	23:18:36.3	89.2	45.2	0.9	10	5.1		
FUR	e P	Z	23:18:37.8	89.6	44.1	1.0	25	5.4		
WLF	e P	Z	23:18:43.4	90.7	40.2	1.4	18	5.1		
BFO	e P	Z	23:18:43.0	90.8	41.9	1.1	12	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/12	01:29:40.7	3.500S	101.000E	50.1	5.8	4.8		SZGRF

Southern Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	01:42:38.9	90.9	94.3	1.4	107	6.1		
	e pP	Z	01:42:53.6							
	e sP	Z	01:43:00.0							
BRG	e P	Z	01:42:38.8	90.9	94.5	1.1	59	5.9		
	e pP	Z	01:42:53.5							
	e sP	Z	01:42:59.8							
RUE	e P	Z	01:42:39.8	91.1	94.3	1.1	166	6.4		
	e pP	Z	01:42:54.4							
	e sP	Z	01:43:00.6							
FBE	e P	Z	01:42:40.6	91.2	94.0	1.0	65	6.0		
	e pP	Z	01:42:54.9							
	e sP	Z	01:43:01.4							
RJOB	e P	Z	01:42:40.5	91.4	93.7	1.0	28	5.7		
	e pP	Z	01:42:55.4							

WET	e P	Z	01:42:41.4	91.4	93.7	1.1	70	6.0
	e pP	Z	01:42:56.2					
	e sP	Z	01:43:02.4					
CLL	e P	Z	01:42:41.1	91.5	93.8	1.1	40	5.7
	e pP	Z	01:42:55.6					
	e sP	Z	01:43:02.0					
RGN	e P	Z	01:42:41.3	91.5	93.9	1.2	93	6.0
TANN	e P	Z	01:42:42.9	91.8	93.4	1.2	33	5.5
	e pP	Z	01:42:57.2					
	e sP	Z	01:43:03.8					
WERN	e P	Z	01:42:43.3	91.8	93.3	1.1	33	5.6
	e pP	Z	01:42:58.0					
GUNZ	e P	Z	01:42:43.3	91.8	93.3	1.1	44	5.7
	e pP	Z	01:42:58.2					
	e sP	Z	01:43:04.2					
WERD	e P	Z	01:42:43.3	91.9	93.2	1.1	36	5.6
	e pP	Z	01:42:57.9					
	e sP	Z	01:43:04.2					
ROTZ	e P	Z	01:42:44.0	91.9	93.2	1.1	41	5.7
	e pP	Z	01:42:58.6					
PLN	e P	Z	01:42:43.7	92.0	93.1	1.2	79	5.9
	e pP	Z	01:42:58.7					
	e sP	Z	01:43:04.7					
MANZ	e P	Z	01:42:44.3	92.0	93.1	1.2	80	5.9
	e pP	Z	01:42:59.0					
	e sP	Z	01:43:05.2					
NEUB	e P	Z	01:42:44.9	92.2	92.8	1.0	92	6.0
	e pP	Z	01:42:59.6					
	e sP	Z	01:43:05.9					
MOX	e P	Z	01:42:45.4	92.3	92.7	1.3	45	5.7
	e sP	Z	01:43:06.3					
FUR	e P	Z	01:42:45.7	92.4	92.5	1.0	55	5.8
	e pP	Z	01:43:00.7					
	e sP	Z	01:43:06.5					
GRA1	e P	Z	01:42:46.7	92.5	92.4	1.1	64	6.0
	e pP	Z	01:46:28.1					
	e S	T	01:53:46.5					
CLZ	e L	Z	02:28:09.9			21.3	410	4.8
	e P	Z	01:42:49.1	93.1	91.7	1.1	35	5.7
	e pP	Z	01:43:03.7					
BSEG	e sP	Z	01:43:10.2					
	e P	Z	01:42:49.4	93.2	91.5	1.0	47	5.9
	e pP	Z	01:43:03.9					
NRDL	e P	Z	01:42:50.0	93.3	91.4	1.0	38	5.8
UBBA	e P	Z	01:42:49.8	93.3	91.4	1.5	28	5.5
STU	e P	Z	01:42:52.0	93.8	91.0	1.2	40	5.8
TNS	e P	Z	01:42:54.7	94.3	90.3	1.0	88	6.3
	e pP	Z	01:43:09.2					
	e sP	Z	01:43:15.6					

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BFO	e P	Z	01:42:54.4	94.4	90.3	1.1	18	5.5
IBBN	e P	Z	01:42:56.3	94.8	89.6	1.0	35	5.9
BUG	e P	Z	01:42:57.9	95.1	89.3	0.9	19	5.7
	e pP	Z	01:43:12.2					
	e sP	Z	01:43:18.4					
WLF	e P	Z	01:43:01.5	95.8	88.6	1.2	26	5.8

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/12	12:50:20.7	17.480N	95.360W	82.0	6.2			SZGRF
Oaxaca, Mexico								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z	13:02:42.3	83.9	290.0	0.8	273	6.5		
	e pP	Z	13:03:04.4							
	e SKSac	R	13:12:57.2							
IBBN	e P	Z	13:02:42.5	84.0	290.9	1.2	254	6.3		
	e pP	Z	13:03:04.4							
	e SKSac	R	13:12:57.8							
BUG	e P	Z	13:02:42.4	84.0	290.6	1.8	437	6.4		
	e PP	Z	13:05:54.5							
	e SKSac	R	13:12:57.9							
BSEG	e P	Z	13:02:47.1	84.8	292.8	1.0	331	6.5		
	e pP	Z	13:03:08.9							
	e PP	Z	13:06:01.4							
	e SKSac	R	13:13:02.9							
TNS	e P	Z	13:02:48.0	85.1	291.6	0.8	443	6.7		
	e pP	Z	13:03:10.5							
	e PP	Z	13:06:04.7							
	e SKSac	R	13:13:06.8							
NRDL	e P	Z	13:02:49.0	85.2	292.7	1.2	229	6.3		
	e PP	Z	13:06:05.3							
	e SKSac	R	13:13:06.1							
	e S	R	13:13:16.5							
CLZ	e P	Z	13:02:51.2	85.6	293.0	1.5	307	6.2		
	e pP	Z	13:03:13.1							
	e PP	Z	13:06:08.6							
	e SKSac	R	13:13:09.7							
	e S	R	13:13:21.5							
BFO	e P	Z	13:02:50.6	85.7	291.7	1.0	111	6.0		
	e SKSac	R	13:13:08.4							
	e S	R	13:13:18.1							
UBBA	e SKSac	R	13:13:10.6	85.8	292.7					
	e S	R	13:13:22.1							
STU	e P	Z	13:02:52.5	86.1	292.3	0.9	313	6.5		
	e SKSac	R	13:13:11.8							
	e S	R	13:13:23.3							
RGN	e P	Z	13:02:53.8	86.1	295.1	1.9	576	6.4		

NEUB	e P	Z	13:02:56.1	86.7	294.1	1.5	226	6.1
MOX	e P	Z	13:02:56.6	86.8	294.0	1.3	106	5.8
	e SKSac	R	13:13:17.0					
	e S	R	13:13:30.8					
GRA1	e P	Z	13:02:57.6	87.0	293.7	1.4	303	6.2
	e PP	Z	13:06:18.4					
	e SKSac	R	13:13:19.1					
	e S	R	13:13:33.3					
	e PKKPbc	Z	13:20:45.1					
	e PKPPKPdf	Z	13:28:46.4					
PLN	e P	Z	13:02:58.5	87.2	294.4	1.9	579	6.4
	e pP	Z	13:03:19.9					
RUE	e P	Z	13:02:58.6	87.3	295.6	0.6	29	5.6
WERD	e P	Z	13:02:58.9	87.3	294.5	2.0	230	6.0
CLL	e P	Z	13:02:59.1	87.3	295.0	1.0	51	5.6
	e PP	Z	13:06:22.4					
	e SKSac	R	13:13:19.2					
GUNZ	e P	Z	13:02:59.3	87.3	294.5	1.0	88	5.8
MANZ	e P	Z	13:02:59.4	87.4	294.4	1.4	100	5.8
	e PP	Z	13:06:21.7					
TANN	e P	Z	13:02:59.6	87.4	294.6	1.3	104	5.8
	e PP	Z	13:06:22.8					
	e SKSac	R	13:13:21.2					
	e S	R	13:13:35.7					
WERN	e P	Z	13:02:59.7	87.4	294.6	2.2	434	6.2
ROTZ	e P	Z	13:03:00.4	87.5	294.5			
	e PP	Z	13:06:23.1					
	e SKSac	R	13:13:22.5					
	e S	R	13:13:37.5					
FUR	e P	Z	13:03:00.2	87.6	293.8			
	e SKSac	R	13:13:23.5					
	e S	R	13:13:37.3					
FBE	e P	Z	13:03:01.0	87.7	295.3			
	e PP	Z	13:06:21.0					
BRG	e P	Z	13:03:02.6	88.0	295.7			
	e SKSac	R	13:13:24.1					
	e S	R	13:13:42.2					
WET	e P	Z	13:03:03.4	88.2	295.0			
	e SKSac	R	13:13:25.7					
	e S	R	13:13:43.6					
RJOB	e P	Z	13:03:05.6	88.7	295.0			
	e SKSac	R	13:13:28.2					
	e S	R	13:13:48.0					
GEC2	e P	Z	13:03:05.7	88.8	295.6			
	e PP	Z	13:06:27.8					
	e SKSac	R	13:13:29.2					
	e S	R	13:13:49.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/12	21:05:17.5	46.187N	147.538E	33.0N	5.5			SZGRF
Northwest of Kuril Islands, Russia								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e P	Z	21:16:39.2	72.1	31.4	0.9	89	5.9		
BSEG	e P	Z	21:16:47.4	73.5	29.4	1.1	52	5.5		
RUE	e P	Z	21:16:48.5	73.7	31.4	1.2	105	5.7		
HLG	e P	Z	21:16:50.0	74.0	27.8	1.1	62	5.5		
NRDL	e P	Z	21:16:54.6	74.8	29.0	1.4	59	5.4		
CLL	e P	Z	21:16:55.1	74.9	30.7	0.9	103	5.8		
BRG	e P	Z	21:16:55.7	75.0	31.3	1.2	38	5.3		
FBE	e P	Z	21:16:56.7	75.2	30.9	1.1	65	5.7		
CLZ	e P	Z	21:16:57.9	75.3	29.1	1.5	161	5.9		
NEUB	e P	Z	21:16:58.0	75.4	29.9	1.2	99	5.8		
IBBN	e P	Z	21:16:59.5	75.7	27.5	0.9	61	5.7		
TANN	e P	Z	21:17:00.8	75.9	30.3	0.9	14	5.1		
WERD	e P	Z	21:17:01.0	75.9	30.2	0.8	22	5.3		
PLN	e P	Z	21:17:01.2	75.9	30.1	1.0	56	5.6		
MOX	e P	Z	21:17:01.2	76.0	29.8	1.2	49	5.5		
GUNZ	e P	Z	21:17:01.4	76.0	30.2	0.8	31	5.5		
WERN	e P	Z	21:17:01.7	76.0	30.2	1.2	48	5.5		
UBBA	e P	Z	21:17:03.2	76.3	28.8	0.8	22	5.4		
MANZ	e P	Z	21:17:03.6	76.4	30.0	1.2	29	5.3		
ROTZ	e P	Z	21:17:04.9	76.5	30.0	1.0	30	5.4		
BUG	e P	Z	21:17:04.5	76.6	27.1	1.0	50	5.6		
GEC2	e P	Z	21:17:06.0	76.8	30.9	1.3	30	5.3		
WET	e P	Z	21:17:06.7	76.9	30.4	1.2	62	5.6		
GRA1	e P	Z	21:17:06.9	76.9	29.4	0.9	115	6.0		
TNS	e P	Z	21:17:08.8	77.3	27.7	1.0	58	5.7		
RJOB	e P	Z	21:17:13.5	78.1	30.2	1.3	24	5.2		
FUR	e P	Z	21:17:14.1	78.2	29.3	1.2	79	5.6		
STU	e P	Z	21:17:14.8	78.4	28.0	0.9	41	5.5		
BFO	e P	Z	21:17:18.0	79.0	27.4	1.2	26	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/13	04:53:25.9	15.400S	72.200W	123.0				NEIC
Southern Peru								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e Pdiff	Z	05:06:35.0	95.3	252.8					
TNS	e Pdiff	Z	05:06:39.4	96.0	253.0					
FUR	e Pdiff	Z	05:06:44.7	97.2	254.9					
GRA1	e Pdiff	Z	05:06:45.9	97.5	255.0					
CLZ	e Pdiff	Z	05:06:46.8	97.6	254.7					
RJOB	e Pdiff	Z	05:06:48.6	98.0	255.9					

BSEG	e Pdiff	Z	05:06:48.4	98.1	254.9
MANZ	e Pdiff	Z	05:06:49.3	98.2	255.7
ROTZ	e Pdiff	Z	05:06:49.4	98.2	255.8
WERN	e Pdiff	Z	05:06:50.7	98.4	256.0
NKC	e Pdiff	Z	05:06:50.8	98.4	256.0
WET	e Pdiff	Z	05:06:50.0	98.4	256.2
TANN	e Pdiff	Z	05:06:50.2	98.5	256.1
CLL	e Pdiff	Z	05:06:52.9	99.0	256.6
FBE	e Pdiff	Z	05:06:53.9	99.2	256.8
PRU	e Pdiff	Z	05:06:55.8	99.7	257.5

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/13								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 08:55:42.5							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/13								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	N 16:42:53.1							
	e Sn	N 16:43:09.3							
WET	e Pn	Z 16:43:03.4							
	e Sn	N 16:43:28.6							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/13	17:17:46.8	45.547N	28.563W	33.0N	4.7	4.0		SZGRF
Northern Mid-Atlantic Ridge								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 17:23:24.4	26.8	276.5	1.9	32	4.7		
	e L	Z 17:32:18.1			21.2	502		4.0	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/13	19:58:44.0	8.199S	128.636E	10.0G		6.2		NEIC
Timor Sea								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKPdf	Z 20:17:20.6	111.8	75.6					
CLL	e PKPdf	Z 20:17:21.3	112.3	74.6					

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GEC2	e	PKPdf	Z	20:17:21.6	112.5	76.2				
TANN	e	PKPdf	Z	20:17:22.4	112.8	74.5				
WET	e	PKPdf	Z	20:17:22.3	112.9	75.4				
BSEG	e	PKPdf	Z	20:17:23.4	113.1	71.3				
MOX	e	PKPdf	Z	20:17:23.0	113.3	73.7				
RJOB	e	PKPdf	Z	20:17:22.9	113.3	75.9				
NRDL	e	PKPdf	Z	20:17:23.7	113.6	71.7				
CLZ	e	PKPdf	Z	20:17:24.4	113.7	72.2				
GRA1	e	PKPdf	Z	20:17:24.0	113.8	73.8				
	e	PKKP	Z	20:28:07.8						
	e	L	Z	21:11:35.9			21.5	6249		6.2
FUR	e	PKPdf	Z	20:17:24.9	114.2	74.5				
UBBA	e	PKPdf	Z	20:17:25.4	114.2	72.3				
IBBN	e	PKPdf	Z	20:17:26.5	115.1	69.7				
STU	e	PKPdf	Z	20:17:27.3	115.3	72.5				
TNS	e	PKPdf	Z	20:17:27.4	115.3	71.2				
BUG	e	PKPdf	Z	20:17:28.0	115.6	69.6				
BFO	e	PKPdf	Z	20:17:27.9	116.0	72.0				

Date 2008/02/14 Origin Time 01:35:25.8 Lat 27.860N Long 93.550E Depth 33.0N mb 4.9 Ms ML Source SZGRF
Northeastern India

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z 01:45:45.5	62.2	79.6	0.5	14	5.5		
BRG	e P	Z 01:45:46.8	62.4	78.9	0.6	3	4.5		
FBE	e P	Z 01:45:49.1	62.8	78.5	0.9	7	4.8		
GEC2	e P	Z 01:45:50.3	63.0	77.7	0.7	5	4.8		
TANN	e P	Z 01:45:53.5	63.4	77.6					
WET	e P	Z 01:45:53.4	63.4	77.3	0.7	4	4.8		
GUNZ	e P	Z 01:45:54.1	63.5	77.5	1.0	6	4.8		
NEUB	e P	Z 01:45:54.9	63.7	77.5					
ROTZ	e P	Z 01:45:56.0	63.7	77.1	0.9	10	5.1		
RJOB	e P	Z 01:45:56.5	63.8	76.5	1.0	6	4.7		
BSEG	e P	Z 01:45:57.4	64.0	77.7	1.0	12	5.1		
GRA1	e P	Z 01:45:59.9	64.4	76.4	0.8	5	4.8		
CLZ	e P	Z 01:45:59.8	64.4	76.8	0.8	8	5.0		
WLF	e P	Z 01:46:20.0	67.5	72.9	0.9	11	5.1		

Date 2008/02/14 Origin Time 02:07:41.0 Lat 3.490S Long 29.290E Depth 33.0N mb 5.6 Ms 4.4 ML Source SZGRF
Lake Tanganyika region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RJOB	e P	Z 02:16:54.3	53.2	159.3	1.2	41	5.2		

FUR	e P	Z	02:17:00.2	54.0	157.6	1.3	145	5.8	
GEC2	e P	Z	02:17:01.1	54.1	160.7	0.9	46	5.5	
	e PP	Z	02:19:02.3						
WET	e P	Z	02:17:04.3	54.5	159.7	1.5	71	5.5	
	e PP	Z	02:19:06.0						
BFO	e P	Z	02:17:07.6	55.0	154.1	1.4	95	5.6	
STU	e P	Z	02:17:09.0	55.1	155.3	1.5	96	5.6	
ROTZ	e P	Z	02:17:09.7	55.3	159.1	1.0	37	5.3	
GRA1	e P	Z	02:17:10.9	55.4	157.9	1.3	165	5.9	
	e PP	Z	02:19:14.3						
	e L	Z	02:41:38.8			20.8	346		4.4
MANZ	e P	Z	02:17:11.4	55.5	159.0	1.2	76	5.6	
WERN	e P	Z	02:17:13.7	55.7	159.4	1.6	104	5.6	
GUNZ	e P	Z	02:17:13.7	55.8	159.4	1.3	60	5.5	
TANN	e P	Z	02:17:14.2	55.8	159.6	1.9	160	5.7	
WERD	e P	Z	02:17:14.8	55.9	159.4	2.3	257	5.9	
BRG	e P	Z	02:17:14.3	55.9	161.4	1.5	58	5.4	
	e PP	Z	02:19:20.1						
FBE	e P	Z	02:17:15.9	56.1	160.7	1.7	80	5.5	
MOX	e P	Z	02:17:16.4	56.2	158.6	1.1	30	5.2	
TNS	e P	Z	02:17:20.3	56.6	154.8	1.1	137	5.9	
UBBA	e P	Z	02:17:20.9	56.8	156.8	1.2	48	5.4	
WLF	e P	Z	02:17:21.2	56.8	152.0	1.4	93	5.6	
RUE	e P	Z	02:17:26.1	57.5	161.5	1.3	118	5.8	
CLZ	e P	Z	02:17:27.2	57.6	157.5	1.4	58	5.4	
BUG	e P	Z	02:17:30.5	58.0	153.8	1.3	112	5.7	
NRDL	e P	Z	02:17:31.3	58.3	157.3	1.3	229	6.0	
IBBN	e P	Z	02:17:33.8	58.7	154.6	1.7	85	5.5	
BSEG	e P	Z	02:17:41.0	59.6	157.9				

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/14 02:52: 8.8 2.586S 13.249W 33.0N 5.0 4.3
 North of Ascension Island SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 03:01:47.1	56.4	209.8	1.9	46	5.2		
	e L	Z 03:24:37.3			21.0	234		4.3	
WET	e P	Z 03:01:47.2	56.5	211.9	1.4	12	4.7		
GEC2	e P	Z 03:01:47.9	56.5	212.9	1.4	21	5.0		
ROTZ	e P	Z 03:01:49.7	56.8	210.9	2.2	33	5.0		
MANZ	e P	Z 03:01:50.8	56.9	210.7	1.0	8	4.7		
GUNZ	e P	Z 03:01:53.6	57.3	210.8	2.0	34	5.0		
MOX	e P	Z 03:01:53.8	57.3	209.9	1.7	20	4.9		
PLN	e P	Z 03:01:52.6	57.4	210.6	3.2	466	6.0		
TANN	e P	Z 03:01:54.2	57.4	211.0	1.3	7	4.5		
NEUB	e P	Z 03:01:58.0	57.9	209.9	0.8	8	4.8		
BRG	e P	Z 03:02:00.6	58.3	212.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/14	10:09:13.8	35.889N	21.607E	10.0G		6.6		SZGRF
Central Mediterranean Sea								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RJOB	e Pn	Z	10:12:23.7	13.5	148.0					
FUR	e Pn	Z	10:12:36.9	14.4	144.4					
	e L	Z	10:19:13.4			21.9	242006		6.3	
WET	e Pn	Z	10:12:38.5	14.7	151.0					
	e L	Z	10:19:11.5			20.0	546028		6.7	
ROTZ	e Pn	Z	10:12:49.1	15.5	150.3					
GRA1	e Pn	Z	10:12:53.4	15.7	147.4					
	e L	Z	10:19:56.7			20.0	529770		6.7	
STU	e Pn	Z	10:12:55.4	15.8	140.2					
BFO	e Pn	Z	10:12:55.6	15.8	137.0					
	e L	Z	10:20:46.1			21.1	142439		6.1	
TANN	e Pn	Z	10:12:57.7	16.0	152.1					
	e L	Z	10:19:46.6			19.6	517529		6.7	
BRG	e Pn	Z	10:12:55.8	16.0	156.9					
MOX	e Pn	Z	10:13:01.7	16.4	150.2					
	e L	Z	10:20:02.6			18.4	441938		6.7	
TNS	e Pn	Z	10:13:14.2	17.2	141.4					
	e L	Z	10:20:58.5			22.0	475367		6.7	
WLF	e L	Z	10:22:15.3	17.8	135.0	21.7	177431		6.3	
CLZ	e Pn	Z	10:13:22.0	17.8	149.0					
	e L	Z	10:20:55.9			20.8	457665		6.7	
BUG	e Pn	Z	10:13:33.1	18.6	141.1					
	e L	Z	10:21:52.0			21.4	343100		6.6	
IBBN	e Pn	Z	10:13:39.5	19.1	143.7					
	e L	Z	10:22:03.8			18.2	410580		6.8	
BSEG	e L	Z	10:21:46.6	19.7	151.9	19.1	202465		6.5	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/14								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e Pdiff	Z	10:48:42.3							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/14	12:09:12.6	37.673N	21.388E	10.0G	5.9	6.1		SZGRF
Southern Greece								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RJOB	e P	Z 12:12:01.4	11.9	144.9	1.0	536			
	e S	E 12:14:18.5							
	e S	R 12:14:19.2							
GEC2	e L	Z 12:18:30.5			20.9	218148		6.1	
	e P	Z 12:12:08.3	12.5	150.7					
FUR	e L	Z 12:18:42.8			19.7	249964		6.2	
	e P	Z 12:12:14.3	12.8	141.2					
WET	e S	N 12:14:40.8							
	e L	Z 12:19:04.8			21.4	83903		5.7	
ROTZ	e P	Z 12:12:15.3	13.0	148.7					
	e S	E 12:14:45.6							
MANZ	e L	Z 12:19:01.9			20.0	252763		6.3	
	e P	Z 12:12:26.5	13.8	148.0					
GRA1	e L	Z 12:19:35.3			19.5	237628		6.3	
	e P	Z 12:12:28.1	14.0	148.1					
STU	e L	Z 12:19:41.4			19.5	222618		6.3	
	e P	Z 12:12:30.0	14.1	144.9					
BRG	e L	Z 12:19:47.3			19.4	276876		6.4	
	e P	Z 12:12:32.9	14.2	137.0					
TANN	e L	Z 12:20:14.7			19.3	66788		5.8	
	e P	Z 12:12:32.9	14.2	155.3					
BFO	e L	Z 12:19:31.5			19.9	117874		6.0	
	e P	Z 12:12:33.3	14.2	150.1					
MOX	e L	Z 12:19:46.6			19.0	203487		6.2	
	e P	Z 12:12:33.9	14.3	133.5					
UBBA	e L	Z 12:20:24.9			19.0	56378		5.7	
	e P	Z 12:12:38.0	14.7	148.1					
TNS	e L	Z 12:20:02.9			19.8	214757		6.3	
	e P	Z 12:12:46.9	15.4	144.0					
CLZ	e L	Z 12:20:38.8			19.1	237887		6.4	
	e P	Z 12:12:52.3	15.6	138.7					
WLF	e S	E 12:15:45.1							
	e L	Z 12:20:48.7			19.7	206468		6.3	
NRDL	e P	Z 12:12:58.9	16.1	147.0					
	e L	Z 12:20:56.5			19.5	188344		6.3	
BUG	e P	Z 12:13:00.3	16.2	131.9	1.2	830	5.7		
	e L	Z 12:21:41.1			19.1	64598		5.8	
IBBN	e P	Z 12:13:07.5	16.8	147.6	1.5	2139	6.0		
	e L	Z 12:21:15.6			18.5	164382		6.3	
BSEG	e P	Z 12:13:09.6	17.0	138.6	1.4	2467	6.1		
	e L	Z 12:21:42.2			18.9	170289		6.3	
RJOB	e P	Z 12:13:16.0	17.5	141.6	1.3	1108	5.8		
	e L	Z 12:21:53.3			19.4	207764		6.4	
RJOB	e P	Z 12:13:18.8	18.0	150.5	1.2	770	5.7		
	e L	Z 12:21:46.8			21.3	61348		5.8	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/14	16:13:45.4	51.199N	177.701W	33.0N	4.7			SZGRF

Andreanof Islands, Aleutian Islands, United States

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 16:25:45.5	78.8	5.7	1.1	9	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/14	17:28:28.3	21.900S	179.020W	609.9				SZGRF

Fiji Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 17:47:04.1	147.2	16.1					
	e PKPab	Z 17:47:08.1							
NRDL	e PKPbc	Z 17:47:06.4	148.6	16.4					
IBBN	e PKPbc	Z 17:47:09.3	149.1	12.3					
CLZ	e PKPbc	Z 17:47:09.3	149.2	17.2					
	e PKPab	Z 17:47:15.9							
BRG	e PKPbc	Z 17:47:09.4	149.3	24.1					
	e PKPab	Z 17:47:16.5							
MOX	e PKPbc	Z 17:47:11.0	150.1	20.1					
	e PKPab	Z 17:47:19.7							
TANN	e PKPbc	Z 17:47:11.3	150.1	21.7					
UBBA	e PKPbc	Z 17:47:11.3	150.2	17.0					
	e pPKPbc	Z 17:49:31.1							
MANZ	e PKPbc	Z 17:47:12.4	150.6	21.4					
ROTZ	e PKPbc	Z 17:47:12.8	150.8	21.7					
	e PKPab	Z 17:47:22.9							
GRA1	e PKPbc	Z 17:47:13.1	151.1	19.9					
	e PKPab	Z 17:47:24.1							
	e pPKPbc	Z 17:49:32.3							
TNS	e PKPbc	Z 17:47:13.4	151.1	14.4					
	e PKPab	Z 17:47:23.8							
WET	e PKPab	Z 17:47:24.6	151.2	23.4					
	e pPKPbc	Z 17:49:33.1							
GEC2	e PKPbc	Z 17:47:13.6	151.2	25.1					
	e PKPab	Z 17:47:24.2							
	e pPKPbc	Z 17:49:32.6							
FUR	e PKPab	Z 17:47:30.0	152.5	21.0					
RJOB	e PKPab	Z 17:47:30.1	152.5	24.3					
BFO	e PKPab	Z 17:47:31.5	152.9	15.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/14	19:06: 3.2	16.400S	176.100W	150.0				GSRC

Fiji Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 19:25:25.7	146.2	12.7					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/15								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 02:33:37.4							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/15	04:04:48.9	3.379S	28.417E	33.0N	4.9			SZGRF
Lake Tanganyika region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RJOB	e P	Z 04:14:00.3	52.9	160.3	0.9	10	4.9		
FUR	e P	Z 04:14:06.3	53.7	158.6	1.0	17	5.1		
GEC2	e P	Z 04:14:08.4	53.8	161.7	1.1	11	4.9		
WET	e P	Z 04:14:11.3	54.2	160.8	1.1	6	4.6		
ROTZ	e P	Z 04:14:17.0	55.0	160.1	1.0	5	4.6		
GRA1	e P	Z 04:14:18.2	55.1	158.9	1.1	23	5.1		
MANZ	e P	Z 04:14:18.5	55.2	160.0	1.4	18	4.9		
TANN	e P	Z 04:14:21.1	55.5	160.6	1.9	31	5.0		
BRG	e P	Z 04:14:21.4	55.7	162.4	1.5	12	4.7		
MOX	e P	Z 04:14:23.9	55.9	159.6	1.3	10	4.7		
TNS	e P	Z 04:14:27.1	56.3	155.8	1.0	17	4.9		
NRDL	e P	Z 04:14:39.8	58.0	158.3	1.2	32	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/15	10:36:23.3	33.660N	35.450E	33.0N	5.2	4.3		SZGRF
Jordan - Syria region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 10:41:17.5	22.2	125.2	1.6	254	5.4		
WET	e P	Z 10:41:24.3	22.8	124.4	0.9	48	5.0		
BRG	e P	Z 10:41:28.4	23.3	129.4	1.2	48	4.9		
ROTZ	e P	Z 10:41:30.7	23.5	124.5	1.3	117	5.2		
FBE	e P	Z 10:41:31.7	23.6	128.5	1.3	81	5.1		
MANZ	e P	Z 10:41:32.4	23.7	124.8	1.3	97	5.2		
WERN	e P	Z 10:41:33.0	23.7	125.8	1.6	92	5.1		
TANN	e P	Z 10:41:33.2	23.7	126.1	1.3	77	5.1		
GUNZ	e P	Z 10:41:33.8	23.8	125.8	1.6	110	5.1		
WERD	e P	Z 10:41:34.4	23.8	125.9	1.6	119	5.2		

GRA1	e P	Z	10:41:34.9	24.0	122.8	1.6	146	5.2	
	e S	T	10:45:54.7						
	e L	Z	10:52:39.6			21.1	1125	4.3	
MOX	e P	Z	10:41:39.1	24.3	125.2	1.5	251	5.5	
RUE	e P	Z	10:41:39.3	24.4	131.9	1.5	160	5.3	
STU	e P	Z	10:41:42.0	24.7	118.0	1.0	74	5.4	
BFO	e P	Z	10:41:44.8	25.0	116.0	1.5	241	5.7	
UBBA	e P	Z	10:41:47.9	25.2	123.0	1.6	94	5.3	
CLZ	e P	Z	10:41:50.6	25.6	125.4	0.8	24	4.9	
TNS	e P	Z	10:41:51.6	25.8	119.7	1.1	55	5.1	
NRDL	e P	Z	10:41:55.4	26.1	126.0	1.4	21	4.6	
WLF	e P	Z	10:42:01.4	26.8	115.5	1.1	42	5.1	
BSEG	e P	Z	10:42:02.4	26.9	128.7	1.1	32	5.0	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/15	17:03:4.9	43.946N	20.387E	10.0G		3.0	4.4	SZGRF

Northwestern Balkan Peninsula

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z	17:04:41.9	6.7	134.3					4.3
WET	e Pn	Z	17:04:51.0	7.3	132.4					4.3
FUR	e Pn	Z	17:04:54.2	7.6	120.4					4.5
ROTZ	e Pn	Z	17:05:01.3	8.1	133.1					4.1
MANZ	e Pn	Z	17:05:03.4	8.3	133.8					4.3
TANN	e Pn	Z	17:05:05.2	8.4	137.2					4.5
GRA1	e Pn	Z	17:05:06.8	8.5	129.1					4.7
	e L	Z	17:08:12.9			19.6	276		3.0	
MOX	e Pn	Z	17:05:14.1	8.9	135.1					4.5
BFO	e Pn	N	17:05:20.1	9.4	113.2					
	e Sn	Z	17:07:00.8							
TNS	e Pn	Z	17:05:32.1	10.3	123.2					
	e Sn	E	17:07:21.5							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/16	14:45:11.8	21.200S	68.000W	134.0				NEIC

Chile-Bolivia border region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e Pdiff	Z	14:58:25.5	96.4	244.5					
	e pPdiff	Z	14:59:00.2							
BFO	e Pdiff	Z	14:58:28.9	97.1	245.9					
	e pPdiff	Z	14:59:03.1							
	e SKSac	R	15:08:55.6							
BUG	e Pdiff	Z	14:58:31.6	97.8	245.5					
	e pPdiff	Z	14:59:06.4							

	e SKSac	R	15:08:58.9		
STU	e Pdiff	Z	14:58:31.5	97.8	246.6
	e SKSac	R	15:08:59.6		
TNS	e Pdiff	Z	14:58:32.6	97.9	246.2
	e pPdiff	Z	14:59:07.1		
IBBN	e Pdiff	Z	14:58:34.2	98.4	246.0
	e pPdiff	Z	14:59:09.2		
FUR	e SKSac	R	15:09:04.3	98.8	248.0
UBBA	e Pdiff	Z	14:58:37.6	99.1	247.4
	e SKSac	R	15:09:08.4		
GRA1	e Pdiff	Z	14:58:39.4	99.4	248.2
	e pPdiff	Z	14:59:14.2		
	e SKSac	R	15:09:09.2		
	e PKKPbc	Z	15:15:29.4		
	e SS	R	15:16:55.9		
CLZ	e Pdiff	Z	14:58:40.9	99.7	247.9
	e pPdiff	Z	14:59:15.6		
	e SKSac	R	15:09:11.2		
NRDL	e Pdiff	Z	14:58:41.0	99.8	247.8
	e pPdiff	Z	14:59:15.9		
	e SKSac	R	15:09:10.7		
MOX	e Pdiff	Z	14:58:42.2	100.0	248.6
	e PP	Z	15:02:46.9		
	e SKSac	R	15:09:12.8		
ROTZ	e Pdiff	Z	14:58:42.2	100.0	248.9
	e pPdiff	Z	14:59:17.2		
	e PP	Z	15:02:48.3		
MANZ	e Pdiff	Z	14:58:42.4	100.0	248.9
	e pPdiff	Z	14:59:17.3		
WET	e Pdiff	Z	14:58:42.9	100.2	249.3
	e pPdiff	Z	14:59:17.5		
	e SKSac	R	15:09:11.7		
TANN	e Pdiff	Z	14:58:44.0	100.4	249.2
	e pPdiff	Z	14:59:18.6		
BSEG	e Pdiff	Z	14:58:48.8	100.4	248.2
	e PP	Z	15:02:51.7		
	e SKSac	R	15:09:13.6		
GEC2	e Pdiff	Z	14:58:44.9	100.6	249.8
	e pPdiff	Z	14:59:19.5		
	e PP	Z	15:02:56.0		
	e SKSac	R	15:09:13.0		
BRG	e Pdiff	Z	14:58:48.8	101.4	250.4
	e pPdiff	Z	14:59:23.3		
	e SKSac	R	15:09:18.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/16	22:12:18.5	43.042N	10.809E	10.0G			3.8	SZGRF

Central Italy

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WTTA	e Pn	Z	22:13:23.3	4.3	188.2					3.8
DAVA	e Pn	Z	22:13:24.4	4.3	170.9					3.8
KBA	e Pn	Z	22:13:24.2	4.4	204.8					
ARSA	e Pn	Z	22:13:37.8	5.4	220.0					
MOA	e Pn	Z	22:13:38.3	5.4	208.0					
BFO	e Pn	Z	22:13:39.3	5.6	161.0					
GEC2	e Pn	Z	22:13:46.8	6.1	200.2					
WET	e Pn	Z	22:13:48.9	6.3	194.0					
TNS	e Pn	Z	22:14:04.5	7.4	166.4					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/17	05:46:48.6	53.740N	168.300W	33.0N	5.3			SZGRF

Fox Islands, Aleutian Islands, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	05:58:13.8	72.3	359.1	1.1	26	5.3		
NRDL	e P	Z	05:58:21.9	73.8	359.0	1.2	25	5.2		
IBBN	e P	Z	05:58:23.0	73.9	357.6	1.2	54	5.6		
CLZ	e P	Z	05:58:26.2	74.4	359.2	1.2	48	5.4		
BUG	e P	Z	05:58:27.5	74.8	357.3	1.4	39	5.3		
FBE	e P	Z	05:58:30.9	75.3	1.0	1.1	34	5.3		
BRG	e P	Z	05:58:31.2	75.4	1.4	1.2	34	5.2		
UBBA	e P	Z	05:58:31.5	75.4	359.0	1.6	20	4.9		
MOX	e P	Z	05:58:32.7	75.6	359.9	1.0	27	5.2		
WERD	e P	Z	05:58:33.6	75.8	0.4	2.0	54	5.2		
TANN	e P	Z	05:58:34.2	75.8	0.5	1.3	16	4.9		
GUNZ	e P	Z	05:58:34.2	75.9	0.4	1.2	18	5.0		
WERN	e P	Z	05:58:34.8	76.0	0.4	1.0	26	5.2		
TNS	e P	Z	05:58:34.9	76.0	358.0	1.1	36	5.4		
MANZ	e P	Z	05:58:36.5	76.3	0.2	1.2	14	5.0		
WLF	e P	Z	05:58:38.0	76.5	356.6	1.1	23	5.2		
ROTZ	e P	Z	05:58:38.1	76.5	0.3	1.4	36	5.3		
GRA1	e P	Z	05:58:38.5	76.6	359.7	1.1	56	5.6		
WET	e P	Z	05:58:41.5	77.1	0.7	1.2	23	5.2		
GEC2	e P	Z	05:58:42.8	77.4	1.2	1.1	25	5.2		
STU	e P	Z	05:58:43.1	77.5	358.5	1.3	44	5.4		
BFO	e P	Z	05:58:45.3	77.9	358.0	1.2	32	5.3		
FUR	e P	Z	05:58:46.8	78.1	359.7	1.2	48	5.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/17	12:41:32.4	45.947N	7.071E	10.0G			4.0	SZGRF

Northern Italy

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e Pn	Z	12:42:12.2	2.5	200.2					3.5
	e Sg	E	12:42:51.2							
STU	e Sg	N	12:43:13.6	3.2	207.8					4.1
FUR	e Pn	Z	12:42:28.6	3.6	233.8					4.3
	e Sg	N	12:43:30.0							
WLF	e Pn	Z	12:42:31.6	3.8	170.2					3.8
TNS	e Pn	Z	12:42:38.1	4.4	192.7					3.9
	e Sg	N	12:43:52.3							
GRA1	e Sg	E	12:43:59.9	4.7	218.2					4.3
WET	e Pn	Z	12:42:47.8	5.1	233.0					
	e Sn	N	12:43:44.1							
	e Sg	N	12:44:13.3							
ROTZ	e Sn	N	12:43:46.6	5.1	224.0					
	e Sg	N	12:44:15.7							
UBBA	e Sg	N	12:44:20.6	5.2	202.9					
MANZ	e Sn	N	12:43:49.9	5.3	221.8					
GEC2	e Pn	Z	12:42:52.5	5.3	239.6					
	e Sn	N	12:43:51.1							
MOX	e Sg	N	12:44:28.8	5.6	214.5					
WERN	e Sg	N	12:44:30.0	5.6	221.2					

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/17 20:33: 0.2 23.100N 122.060E 33.0N 5.5 5.2 ML SZGRF
 Taiwan region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	20:45:22.7	82.9	61.8	1.1	27	5.4		
BSEG	e P	Z	20:45:25.0	83.3	59.3	1.4	25	5.3		
TANN	e P	Z	20:45:28.2	83.9	60.6	1.3	26	5.3		
GEC2	e P	Z	20:45:28.5	84.0	61.4	1.1	35	5.5		
NRDL	e P	Z	20:45:29.7	84.2	59.0	1.5	56	5.6		
MOX	e P	Z	20:45:29.7	84.3	60.0	1.4	40	5.5		
WET	e P	Z	20:45:30.6	84.3	60.8	1.4	33	5.4		
MANZ	e P	Z	20:45:30.4	84.3	60.3	1.3	30	5.4		
CLZ	e P	Z	20:45:30.7	84.3	59.2	1.2	53	5.6		
ROTZ	e P	Z	20:45:30.8	84.4	60.4	1.2	42	5.5		
GRA1	e P	Z	20:45:33.7	85.0	59.7	1.2	52	5.6		
	e L	Z	21:27:10.7			21.1	952		5.2	
UBBA	e P	Z	20:45:33.8	85.1	58.8	1.5	35	5.4		
IBBN	e P	Z	20:45:36.0	85.5	57.2	1.1	54	5.6		
FUR	e P	Z	20:45:37.3	85.7	59.6	1.6	122	5.8		
BUG	e P	Z	20:45:39.5	86.2	56.8	1.2	64	5.6		
TNS	e P	Z	20:45:39.8	86.2	57.6	1.4	41	5.4		
STU	e P	Z	20:45:41.2	86.6	58.1	1.3	28	5.2		
BFO	e P	Z	20:45:44.6	87.3	57.5	2.1	62	5.6		

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WLF e P Z 20:45:47.6 87.8 55.9 1.3 52 5.7

Date Origin Time Lat Long Depth mb Ms ML Source
2008/02/17 21:14:46.7 5.927N 72.348W 33.0N 5.1
Colombia SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z	21:26:42.8	78.0	265.1	1.0	36	5.5		
BUG	e P	Z	21:26:46.8	78.9	265.6	1.1	25	5.1		
IBBN	e P	Z	21:26:48.4	79.3	265.8	0.9	25	5.3		
BFO	e P	Z	21:26:49.4	79.4	267.0	1.0	14	4.9		
TNS	e P	Z	21:26:51.3	79.6	266.7	1.1	48	5.4		
STU	e P	Z	21:26:52.7	80.0	267.6	1.2	37	5.2		
CLZ	e P	Z	21:26:58.0	80.8	268.0	0.9	16	5.0		
BSEG	e P	Z	21:26:57.9	80.9	267.6	1.1	19	5.1		
GRA1	e P	Z	21:27:00.2	81.3	268.9	1.1	15	4.9		
MANZ	e P	Z	21:27:03.3	81.9	269.6	1.2	19	5.1		
TANN	e P	Z	21:27:04.9	82.1	269.8	1.1	19	5.1		
WET	e P	Z	21:27:06.1	82.4	270.3	1.0	9	4.8		
GEC2	e P	Z	21:27:08.8	82.9	270.9	1.4	19	5.2		

Date Origin Time Lat Long Depth mb Ms ML Source
2008/02/17 21:38:55.0 15.891S 173.304W 33.0N
Tonga Islands SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
NRDL	e PKPbc	Z	21:58:22.0	143.3	5.5					
IBBN	e PKPbc	Z	21:58:23.9	143.6	1.7					
CLZ	e PKPbc	Z	21:58:23.5	143.9	6.0					
BUG	e PKPbc	Z	21:58:25.1	144.4	0.9					
BRG	e PKPbc	Z	21:58:25.4	144.5	12.1					
UBBA	e PKPbc	Z	21:58:26.5	145.0	5.5					
MOX	e PKPbc	Z	21:58:27.3	145.0	8.3					
TANN	e PKPbc	Z	21:58:27.9	145.2	9.7					
MANZ	e PKPbc	Z	21:58:29.5	145.6	9.2					
TNS	e PKPbc	Z	21:58:29.5	145.6	3.0					
ROTZ	e PKPbc	Z	21:58:30.6	145.8	9.5					
GRA1	e PKPbc	Z	21:58:30.9	146.0	7.8					
WLF	e PKPbc	Z	21:58:31.9	146.2	359.1					
WET	e PKPbc	Z	21:58:32.0	146.4	10.8					
GEC2	e PKPbc	Z	21:58:32.3	146.6	12.3					
FUR	e PKPbc	Z	21:58:35.3	147.5	8.2					
BFO	e PKPbc	Z	21:58:35.3	147.5	2.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/18								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 03:20:30.8							
GRA1	e P	Z 03:20:39.1							
MANZ	e P	Z 03:20:36.4							
WERD	e P	Z 03:20:35.8							
WET	e P	Z 03:20:33.6							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/18	09:54:19.2	23.430S	170.710E	126.1				SZGRF
Southeast of Loyalty Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 10:13:43.6	146.1	33.5					
	e pPKPbc	Z 10:14:19.1							
BRG	e PKPbc	Z 10:13:46.5	147.2	41.9					
	e pPKPbc	Z 10:14:20.5							
CLL	e PKPbc	Z 10:13:46.3	147.3	40.1					
	e pPKPbc	Z 10:14:19.8							
NRDL	e PKPbc	Z 10:13:46.8	147.4	34.4					
	e pPKPbc	Z 10:14:20.5							
FBE	e PKPbc	Z 10:13:47.2	147.4	41.0					
CLZ	e PKPbc	Z 10:13:48.5	147.8	35.4					
	e pPKPbc	Z 10:14:22.3							
TANN	e PKPbc	Z 10:13:49.4	148.2	40.1					
	e pPKPbc	Z 10:14:23.7							
WERD	e PKPbc	Z 10:13:49.5	148.2	39.9					
	e pPKPbc	Z 10:14:23.0							
GUNZ	e PKPbc	Z 10:13:49.8	148.2	40.0					
WERN	e PKPbc	Z 10:13:50.0	148.3	40.1					
MOX	e PKPbc	Z 10:13:49.5	148.3	38.6					
IBBN	e PKPbc	Z 10:13:49.5	148.3	30.8					
MANZ	e PKPbc	Z 10:13:50.7	148.6	40.0					
	e pPKPbc	Z 10:14:24.5							
ROTZ	e PKPbc	Z 10:13:51.3	148.8	40.4					
	e pPKPbc	Z 10:14:22.9							
GEC2	e PKPbc	Z 10:13:51.2	148.8	43.8					
	e pPKPbc	Z 10:14:22.8							
UBBA	e PKPbc	Z 10:13:50.8	148.8	35.8					
	e pPKPbc	Z 10:14:22.0							
WET	e PKPbc	Z 10:13:51.6	148.9	42.1					
	e pPKPbc	Z 10:14:23.1							
BUG	e PKPbc	Z 10:13:52.7	149.2	30.7					
GRA1	e PKP	Z 10:13:52.3	149.2	38.9					

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TNS	e	PKPbc	Z	10:13:53.8	149.9	33.8
	e	pPKPbc	Z	10:14:28.6		
RJOB	e	PKPbc	Z	10:13:54.0	150.0	43.6
	e	pPKPbc	Z	10:14:29.9		
STU	e	PKPbc	Z	10:13:56.1	150.8	36.5
WLF	e	PKPbc	Z	10:13:57.4	151.1	30.4
BFO	e	PKPbc	Z	10:13:57.5	151.5	35.5

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/18	14:03:43.1	35.200N	23.200E	73.0	4.1			THE
Crete, Greece								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 14:07:21.9	15.3	149.3	0.9	8			
WET	e P	Z 14:07:26.6	15.9	147.6	1.0	13			
ROTZ	e P	Z 14:07:36.1	16.6	147.0	1.0	7			
MANZ	e P	Z 14:07:37.9	16.8	147.2	1.0	10	3.9		
GRA1	e P	Z 14:07:39.4	16.9	144.4	1.1	36	4.4		
MOX	e P	Z 14:07:45.6	17.6	147.1	1.0	8	3.8		
CLL	e P	Z 14:07:47.6	17.7	151.6	0.7	6	3.8		
CLZ	e P	Z 14:08:01.5	19.0	146.1	0.7	7	4.0		
BSEG	e P	Z 14:08:19.3	20.8	149.1	1.0	30	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/19	03:58:57.7	36.000N	31.600E	10.0	3.5			KAN
Turkey								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 04:03:29.8	20.1	125.1	0.8	3	3.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/19	06:29:53.9	3.300S	100.900E	34.1	5.2	4.8		NEIC
Southern Sumatera, Indonesia								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 06:42:53.7	90.6	94.4	1.0	7	5.0		
GEC2	e P	Z 06:42:54.5	90.6	94.3	1.4	16	5.1		
WET	e P	Z 06:42:56.3	91.2	93.7	1.8	26	5.3		
TANN	e P	Z 06:42:56.8	91.5	93.3	1.5	11	5.0		
ROTZ	e P	Z 06:42:57.4	91.7	93.1	3.6	164	5.8		
MANZ	e P	Z 06:42:58.5	91.8	93.0	1.7	28	5.3		
MOX	e P	Z 06:42:59.7	92.1	92.6	2.0	22	5.1		
GRA1	e P	Z 06:43:01.1	92.3	92.4	1.0	15	5.3		

e pP	Z	06:43:11.1							
e S	T	06:54:03.2							
e L	Z	07:32:34.2			18.4		292		4.8

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/19	08:51:26.8	25.000S	179.000E	543.0				NEIC

South of Fiji Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKP	Z 09:12:23.2	149.9	20.7					
CLL	e PKPbc	Z 09:10:19.0	151.6	27.4					
	e pPKPbc	Z 09:12:32.8							
BRG	e PKPbc	Z 09:10:19.3	151.7	29.5					
	e pPKPbc	Z 09:12:33.3							
	e pPKPab	Z 09:12:39.8							
FBE	e PKPbc	Z 09:10:19.5	151.8	28.4					
	e pPKPbc	Z 09:12:33.7							
TANN	e PKPbc	Z 09:10:21.2	152.5	27.2					
WERD	e pPKPbc	Z 09:12:35.4	152.6	26.9					
MOX	e pPKPab	Z 09:12:43.2	152.6	25.5					
WERN	e pPKPab	Z 09:12:44.0	152.7	27.2					
NKC	e pPKPab	Z 09:12:44.1	152.7	27.4					
GRA1	e pPKPab	Z 09:12:47.8	153.5	25.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/19								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e PKP	Z 14:07:57.6							
BRG	e PKP	Z 14:07:49.8							
CLL	e PKP	Z 14:07:49.1							
GEC2	e PKP	Z 14:07:53.7							
MANZ	e PKP	Z 14:07:52.7							
MOX	e PKP	Z 14:07:51.5							
NEUB	e PKP	Z 14:07:49.8							
NKC	e PKP	Z 14:07:51.0							
ROTZ	e PKP	Z 14:07:52.8							
TANN	e PKP	Z 14:07:50.0							
WERD	e PKP	Z 14:07:51.2							
WERN	e PKP	Z 14:07:50.3							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/19	16:57:10.5	19.910N	121.440E	35.9	5.6	5.2		SZGRF

Philippine Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 17:09:42.7	85.1	64.2	1.0	53	5.7		
CLL	e P	Z 17:09:44.2	85.4	63.5	1.1	63	5.7		
BSEG	e P	Z 17:09:45.7	85.7	61.6	1.3	103	5.8		
GEC2	e P	Z 17:09:47.8	86.1	63.8	1.1	43	5.5		
	e pP	Z 17:09:58.0							
TANN	e P	Z 17:09:47.7	86.1	63.0	2.2	117	5.6		
NRDL	e P	Z 17:09:49.6	86.5	61.3	1.4	89	5.7		
WET	e P	Z 17:09:49.5	86.5	63.3	1.6	55	5.4		
	e pP	Z 17:09:59.5							
MOX	e P	Z 17:09:49.6	86.5	62.4	2.0	96	5.6		
	e pP	Z 17:10:01.2							
MANZ	e P	Z 17:09:49.8	86.5	62.7	2.0	86	5.5		
ROTZ	e P	Z 17:09:50.3	86.6	62.8	1.4	44	5.4		
CLZ	e P	Z 17:09:50.5	86.6	61.5	1.4	82	5.7		
RJOB	e P	Z 17:09:52.8	87.1	63.1	1.4	35	5.3		
GRA1	e P	Z 17:09:53.3	87.2	62.1	2.0	146	5.8		
	e pP	Z 17:10:03.4							
	e S	T 17:20:30.9							
	e L	Z 17:52:57.3			19.5	832		5.2	
UBBA	e P	Z 17:09:53.2	87.3	61.2	1.8	40	5.5		
IBBN	e P	Z 17:09:56.1	87.8	59.5	1.4	82	5.9		
FUR	e P	Z 17:09:56.6	87.8	62.0	1.4	51	5.7		
TNS	e P	Z 17:09:59.0	88.5	60.0	1.4	38	5.4		
BUG	e P	Z 17:09:59.3	88.5	59.1	1.0	32	5.5		
BFO	e P	Z 17:10:03.6	89.5	59.9	1.2	14	5.1		
WLF	e P	Z 17:10:06.7	90.0	58.2	1.1	59	5.7		

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/19 17:01:33.8 1.210S 101.210E 34.3 5.6
 Southern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 17:14:26.5	89.2	92.9	1.4	52	5.7		
	e pP	Z 17:14:36.5							
	e S	T 17:25:14.3							
GEC2	e P	Z 17:14:26.4	89.3	92.7	1.5	70	5.8		
	e S	T 17:25:12.3							
RUE	e P	Z 17:14:27.6	89.4	92.8	1.3	136	6.1		
	e pP	Z 17:14:37.8							
	e S	T 17:25:12.8							
FBE	e P	Z 17:14:28.3	89.6	92.4	1.4	68	5.8		
RGN	e P	Z 17:14:30.4	89.8	92.4	1.4	97	5.9		
	e S	T 17:25:18.6							
CLL	e P	Z 17:14:28.9	89.8	92.2	1.3	36	5.6		

	e S	T	17:25:18.8					
WET	e P	Z	17:14:28.9	89.8	92.1	1.3	48	5.7
	e S	T	17:25:19.6					
RJOB	e P	Z	17:14:28.2	89.8	92.0	1.1	19	5.3
	e S	T	17:25:19.4					
TANN	e P	Z	17:14:30.7	90.1	91.7	1.4	23	5.3
	e S	T	17:25:23.4					
WERN	e P	Z	17:14:31.1	90.2	91.7	1.2	23	5.4
GUNZ	e P	Z	17:14:31.1	90.2	91.6	1.3	37	5.6
WERD	e P	Z	17:14:31.1	90.2	91.6	1.2	31	5.5
	e pP	Z	17:14:41.1					
ROTZ	e P	Z	17:14:31.7	90.3	91.5	1.2	33	5.5
	e S	T	17:25:24.6					
MANZ	e P	Z	17:14:32.1	90.3	91.5	1.2	60	5.8
	e S	T	17:25:25.3					
MOX	e P	Z	17:14:33.2	90.7	91.1	1.4	42	5.7
	e pP	Z	17:14:43.2					
	e S	T	17:25:28.0					
FUR	e P	Z	17:14:33.5	90.9	90.9	0.8	21	5.6
	e pP	Z	17:14:43.5					
	e S	T	17:25:26.8					
GRA1	e P	Z	17:14:34.3	90.9	90.8	1.2	63	5.9
	e pP	Z	17:14:44.3					
	e S	T	17:25:29.9					
GRFO	e S	T	17:25:30.1	90.9	90.8			
CLZ	e P	Z	17:14:36.9	91.5	90.1	1.4	42	5.6
	e S	T	17:25:33.2					
BSEG	e P	Z	17:14:37.9	91.5	90.0	0.7	10	5.3
	e S	T	17:25:34.1					
NRDL	e P	Z	17:14:38.0	91.6	89.9	1.5	39	5.5
	e S	T	17:25:34.1					
UBBA	e P	Z	17:14:37.7	91.7	89.8	1.5	25	5.3
	e pP	Z	17:14:47.4					
	e S	T	17:25:36.3					
STU	e P	Z	17:14:40.0	92.2	89.3			
	e S	T	17:25:40.4					
TNS	e P	Z	17:14:42.7	92.7	88.7	1.1	55	5.9
	e S	T	17:25:45.8					
BFO	e P	Z	17:14:42.3	92.8	88.7	1.2	13	5.2
	e S	T	17:25:45.3					
HLG	e S	T	17:25:46.3	92.9	88.0			
IBBN	e P	Z	17:14:44.7	93.1	88.0			
BUG	e P	Z	17:14:45.6	93.4	87.7	1.4	29	5.6
	e S	T	17:25:51.9					
WLF	e P	Z	17:14:49.0	94.2	86.9	1.5	30	5.6
	e pP	Z	17:14:59.4					
	e S	T	17:25:58.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/19	23:15:42.5	36.866N	21.996E	33.0G	5.0	5.0		SZGRF

Southern Greece

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RJOB	e P	Z	23:18:48.1	12.8	144.7					
	e S	R	23:21:40.4							
GEC2	e P	Z	23:18:55.1	13.4	150.2					
	e S	R	23:22:01.2							
FUR	e P	Z	23:19:01.1	13.8	141.3					
WET	e P	Z	23:19:02.0	13.9	148.3					
ROTZ	e P	Z	23:19:12.9	14.7	147.6					
	e S	R	23:22:16.6							
MANZ	e P	Z	23:19:16.6	14.9	147.8					
GRA1	e P	Z	23:19:17.6	15.0	144.7					
	e L	Z	23:26:37.0			18.8	10989		5.0	
STU	e P	Z	23:19:19.1	15.1	137.2					
	e S	R	23:22:18.0							
BRG	e P	Z	23:19:20.0	15.1	154.6					
TANN	e P	Z	23:19:19.4	15.2	149.6	1.4	44			
BFO	e P	Z	23:19:20.7	15.2	133.9	1.2	64			
	e S	R	23:22:21.3							
MOX	e P	Z	23:19:27.0	15.7	147.7	1.0	22			
CLL	e P	Z	23:19:28.6	15.8	152.6	2.0	136			
	e S	R	23:22:39.9							
UBBA	e P	Z	23:19:35.8	16.4	143.8	1.9	142	4.8		
TNS	e P	Z	23:19:36.8	16.5	138.8	1.3	175	5.0		
	e S	R	23:22:53.5							
CLZ	e P	Z	23:19:45.7	17.1	146.7	1.4	55	4.5		
	e S	R	23:23:08.1							
WLF	e S	R	23:23:11.3	17.2	132.2					
NRDL	e P	Z	23:19:54.5	17.7	147.2	2.0	342	5.1		
	e S	R	23:23:23.2							
BUG	e P	Z	23:19:57.1	17.9	138.6	1.9	366	5.2		
IBBN	e P	Z	23:20:02.7	18.4	141.4	2.2	313	5.1		
	e S	R	23:23:34.3							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/20	08:06:11.7	40.888N	14.174E	10.0G		3.4		SZGRF

Southern Italy

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
ARSA	e Pn	Z	08:07:45.4	6.4	189.1					
RJOB	e Pn	Z	08:07:52.6	6.9	171.3					
	e Sn	N	08:09:05.4							
MOA	e Pn	Z	08:07:53.1	7.0	180.6					

FUR	e L	Z	08:11:16.0	7.6	163.1	15.6	660	3.4
GEC2	e Pn	Z	08:08:06.6	8.0	177.4			
BFO	e Pn	Z	08:08:14.1	8.5	148.7			
GRA1	e L	Z	08:12:17.0	9.0	165.7	16.5	590	3.4
MOX	e Pn	Z	08:08:32.9	9.9	168.7			
BRG	e Pn	Z	08:08:33.8	10.0	179.0			
CLL	e Pn	Z	08:08:39.2	10.5	175.1			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/20	08:08:29.7	2.600N	96.160E	33.0N	6.5	7.4		SZGRF
Northern Sumatera, Indonesia								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	08:20:52.3	83.1	94.4	1.9	926	6.6		
	e S	T	08:31:09.9							
RUE	e P	Z	08:20:53.5	83.3	94.5	1.8	2100	7.0		
FBE	e P	Z	08:20:54.3	83.4	94.0	1.9	1142	6.7		
RJOB	e P	Z	08:20:54.5	83.6	93.2	1.1	214	6.3		
	e S	T	08:31:13.1							
WET	e P	Z	08:20:55.3	83.6	93.4	1.6	690	6.6		
	e S	T	08:31:16.0							
CLL	e P	Z	08:20:55.1	83.7	93.7	1.6	439	6.4		
	e S	T	08:31:15.2							
RGN	e P	Z	08:20:55.8	83.7	94.3	1.6	938	6.8		
TANN	e P	Z	08:20:56.9	84.0	93.2	1.6	358	6.3		
	e S	T	08:31:20.5							
WERN	e P	Z	08:20:57.4	84.0	93.1	1.7	335	6.3		
GUNZ	e P	Z	08:20:57.6	84.1	93.1	1.7	552	6.5		
WERD	e P	Z	08:20:57.2	84.1	93.1	1.6	406	6.4		
ROTZ	e P	Z	08:20:58.2	84.1	92.9	1.5	425	6.4		
	e S	T	08:31:22.3							
MANZ	e P	Z	08:20:58.4	84.2	92.9	1.6	736	6.7		
	e S	T	08:31:22.9							
MOX	e P	Z	08:20:59.8	84.5	92.6	1.4	348	6.4		
	e S	T	08:31:25.4							
FUR	e P	Z	08:20:59.7	84.7	92.1	1.4	420	6.5		
	e S	T	08:31:24.0							
GRA1	e P	Z	08:21:01.3	84.7	92.2	1.7	978	6.8		
	e S	T	08:31:28.1							
	e L	Z	09:05:22.1			18.7	160320		7.4	
CLZ	e P	Z	08:21:04.1	85.4	91.7	1.4	401	6.4		
	e S	T	08:31:31.8							
BSEG	e P	Z	08:21:04.7	85.5	91.8	1.9	1095	6.8		
	e S	T	08:31:33.2							
STU	e P	Z	08:21:07.2	86.0	90.6	3.9	4391	7.0		
	e S	T	08:31:39.8							
TNS	e P	Z	08:21:09.9	86.5	90.1	1.4	365	6.3		

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	e S	T	08:31:46.0						
BFO	e P	Z	08:21:09.6	86.6	89.9	1.0	147	6.1	
	e S	T	08:31:45.2						
HLG	e P	Z	08:21:11.9	86.9	89.9	1.5	620	6.5	
IBBN	e P	Z	08:21:12.2	87.0	89.7	1.6	1084	6.7	
	e S	T	08:31:47.7						
BUG	e P	Z	08:21:13.5	87.3	89.2	1.5	590	6.5	
	e S	T	08:31:52.0						
WLF	e P	Z	08:21:17.5	88.0	88.3	1.5	534	6.4	
	e S	T	08:32:00.3						

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/20	08:28:19.6	2.611N	96.353E	33.0N	5.3			SZGRF

Northern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 08:40:42.5	83.2	93.8	1.4	44	5.5		
WET	e P	Z 08:40:45.6	83.8	93.2	1.3	18	5.1		
ROTZ	e P	Z 08:40:48.1	84.2	92.8	1.4	29	5.3		
MANZ	e P	Z 08:40:48.8	84.3	92.7	1.1	18	5.2		
GRA1	e P	Z 08:40:51.4	84.9	92.0	1.0	30	5.5		
CLZ	e P	Z 08:40:52.7	85.5	91.5	1.3	24	5.3		
TNS	e P	Z 08:41:00.4	86.7	89.9	0.8	10	5.0		
BUG	e P	Z 08:41:03.6	87.4	89.1	1.3	25	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/20	09:05: 4.4	1.763N	96.546E	33.0N	4.8			SZGRF

Off west coast of northern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 09:17:40.1	85.6	92.4	1.0	9	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/20	10:49: 1.4	36.042N	71.020E	194.8	4.7			SZGRF

Afghanistan-Tajikistan border region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 10:56:55.5	42.8	87.4	0.7	11	4.7		
CLL	e P	Z 10:56:59.8	43.4	87.2	0.8	8	4.5		
TANN	e P	Z 10:57:02.7	43.8	85.9	1.1	5	4.1		
ROTZ	e P	Z 10:57:06.0	44.0	85.0	1.2	6	4.2		
MANZ	e P	Z 10:57:05.9	44.0	85.2	1.2	7	4.3		
MOX	e P	Z 10:57:07.1	44.3	85.5	0.6	5	4.4		

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GRA1	e P	Z	10:57:10.9	44.6	84.2	0.7	7	4.7
	e pP	Z	10:57:53.0					
BSEG	e P	Z	10:57:12.2	44.9	87.8	0.7	19	5.1
CLZ	e P	Z	10:57:12.5	45.0	85.8	0.9	10	4.7
NRDL	e P	Z	10:57:13.8	45.1	86.2	0.9	10	4.7
UBBA	e P	Z	10:57:15.1	45.3	84.5	0.7	5	4.6
IBBN	e P	Z	10:57:25.2	46.5	84.3	0.6	19	5.4
WLF	e P	Z	10:57:35.8	47.9	80.8	1.1	18	5.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/20	13:16:37.5	36.845N	71.345E	203.8	4.6			SZGRF
Afghanistan-Tajikistan border region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	13:24:12.3	42.5	86.3	0.8	11	4.6		
	e sP	Z	13:25:19.9							
GEC2	e pP	Z	13:24:58.2	42.8	83.9					
CLL	e P	Z	13:24:16.7	43.1	86.0	0.8	6	4.4		
	e pP	Z	13:24:59.9							
	e sP	Z	13:25:23.9							
WET	e sP	Z	13:25:26.2	43.3	83.7					
TANN	e pP	Z	13:25:03.4	43.5	84.7					
	e sP	Z	13:25:27.9							
ROTZ	e pP	Z	13:25:05.7	43.7	83.9					
	e sP	Z	13:25:30.0							
MANZ	e P	Z	13:24:20.2	43.7	84.0	1.3	7	4.3		
	e sP	Z	13:25:30.2							
MOX	e P	Z	13:24:23.7	44.0	84.4	1.0	6	4.2		
	e pP	Z	13:25:07.9							
	e sP	Z	13:25:32.0							
GRA1	e P	Z	13:24:27.2	44.3	83.1	0.8	10	4.6		
	e pP	Z	13:25:11.3							
BSEG	e P	Z	13:24:28.7	44.5	86.8	0.9	17	5.0		
	e pP	Z	13:25:12.6							
CLZ	e P	Z	13:24:28.0	44.6	84.7	1.3	16	4.8		
	e pP	Z	13:25:12.6							
	e sP	Z	13:25:37.4							
NRDL	e P	Z	13:24:29.1	44.8	85.1	0.9	9	4.7		
	e pP	Z	13:25:14.1							
	e sP	Z	13:25:38.5							
UBBA	e pP	Z	13:25:15.3	45.0	83.4					
	e sP	Z	13:25:40.1							
TNS	e sP	Z	13:25:48.2	46.0	81.7					
WLF	e pP	Z	13:25:37.1	47.6	79.7					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/20								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKPbc	Z 14:44:26.2							
TNS	e PKPbc	Z 14:44:28.2							
FUR	e PKPbc	Z 14:44:31.6							
STU	e PKPbc	Z 14:44:30.6							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/20	18:27:21.6	37.473N	21.449E	10.0G	5.7	6.1		SZGRF
Southern Greece								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RJOB	e P	Z 18:30:12.8	12.1	145.2					
	e S	N 18:32:32.9							
GEC2	e P	Z 18:30:19.7	12.7	150.8					
FUR	e P	Z 18:30:24.5	13.0	141.5					
	e S	E 18:32:53.3							
WET	e P	Z 18:30:27.2	13.2	148.8					
ROTZ	e P	Z 18:30:37.2	14.0	148.1					
MANZ	e P	Z 18:30:40.0	14.2	148.3					
	e S	Z 18:33:25.0							
GRA1	e P	Z 18:30:41.0	14.3	145.1					
	e L	Z 18:38:02.9			19.1	128102		6.1	
WERN	e P	Z 18:30:43.2	14.4	149.7					
STU	e P	Z 18:30:43.5	14.4	137.3					
BRG	e P	Z 18:30:44.7	14.4	155.4					
GUNZ	e P	Z 18:30:44.4	14.4	149.7					
TANN	e P	Z 18:30:44.4	14.4	150.2					
BFO	e P	Z 18:30:44.6	14.5	133.8					
WERD	e P	Z 18:30:45.3	14.5	149.8					
FBE	e P	Z 18:30:46.5	14.6	153.7					
MOX	e P	Z 18:30:49.9	14.9	148.2	1.5	353			
CLL	e P	Z 18:30:52.4	15.1	153.4	1.5	527			
UBBA	e P	Z 18:31:00.3	15.6	144.2	1.8	996			
TNS	e P	Z 18:31:02.4	15.8	139.0	1.3	1284			
RUE	e P	Z 18:31:05.0	15.9	157.3	1.5	1425			
CLZ	e P	Z 18:31:11.2	16.3	147.2	1.6	676	5.5		
WLF	e P	Z 18:31:11.3	16.4	132.2	1.6	1400			
NRDL	e P	Z 18:31:19.9	17.0	147.7	1.5	1600			
BUG	e P	Z 18:31:22.0	17.2	138.8	2.0	3190	6.1		
IBBN	e P	Z 18:31:28.1	17.7	141.7	1.6	1653			
RGN	e P	Z 18:31:28.7	18.0	158.7	1.8	2229			
BSEG	e P	Z 18:31:32.0	18.2	150.5	1.4	734	5.6		
HLG	e P	Z 18:31:42.3	19.1	145.4	1.3	1134			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/21	02:46:22.5	76.770N	19.820E	33.0G	5.7	5.4		SZGRF
Svalbard, Norway, region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e P	Z	02:51:19.5	22.4	3.9	1.0	1734	6.4		
HLG	e P	Z	02:51:26.4	23.0	7.0	1.1	580	6.0		
BSEG	e P	Z	02:51:26.1	23.1	5.5	1.1	404	5.9		
	e S	R	02:55:41.0							
RUE	e P	Z	02:51:38.9	24.4	3.3	1.0	517	6.0		
NRDL	e P	Z	02:51:40.3	24.6	5.3	1.0	303	6.0		
	e S	R	02:56:00.4							
IBBN	e P	Z	02:51:44.0	24.9	6.5	1.2	204	5.7		
	e S	R	02:56:06.0							
CLZ	e P	Z	02:51:46.4	25.2	5.1	1.4	469	6.0		
	e S	R	02:56:12.6							
CLL	e P	Z	02:51:49.1	25.6	3.6	1.6	444	5.8		
	e S	R	02:56:15.5							
BUG	e P	Z	02:51:51.4	25.8	6.6	1.0	208	5.7		
	e S	R	02:56:21.5							
FBE	e P	Z	02:51:52.8	26.0	3.4	1.5	491	5.9		
BRG	e P	Z	02:51:53.0	26.0	3.1					
	e S	R	02:56:23.8							
UBBA	e P	Z	02:51:55.8	26.2	5.1	2.5	432	5.6		
	e S	R	02:56:25.4							
MOX	e P	Z	02:51:56.3	26.3	4.2	1.0	144	5.6		
	e S	R	02:56:26.4							
WERD	e P	Z	02:51:58.6	26.5	3.8	1.2	123	5.5		
TANN	e P	Z	02:51:58.0	26.5	3.8	1.0	69	5.3		
	e S	R	02:56:28.0							
GUNZ	e P	Z	02:51:58.8	26.6	3.8	1.1	125	5.6		
WERN	e P	Z	02:51:59.4	26.6	3.8	1.3	241	5.8		
TNS	e P	Z	02:52:01.9	26.9	5.7	1.2	148	5.6		
	e S	R	02:56:39.9							
MANZ	e P	Z	02:52:02.2	27.0	3.9	1.1	105	5.5		
	e S	R	02:56:39.8							
ROTZ	e P	Z	02:52:04.4	27.2	3.8	1.0	118	5.6		
	e S	R	02:56:41.9							
GRA1	e P	Z	02:52:05.6	27.3	4.3	0.8	155	5.8		
	e S	R	02:56:44.0							
	e L	Z	03:03:05.2			20.2	9591		5.4	
WLF	e P	Z	02:52:08.0	27.6	6.7	1.1	111	5.6		
	e S	R	02:56:48.7							
WET	e P	Z	02:52:10.0	27.8	3.4	1.4	195	5.8		
	e S	R	02:56:49.4							
GEC2	e P	Z	02:52:12.4	28.0	3.0	1.1	96	5.5		
	e S	R	02:56:52.6							

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STU	e P	Z	02:52:14.5	28.3	5.1	0.9	50	5.4
	e S	R	02:56:55.5					
BFO	e P	Z	02:52:19.1	28.8	5.4	1.2	87	5.5
	e S	R	02:57:03.8					
FUR	e P	Z	02:52:19.8	28.8	4.0	1.1	116	5.6
	e S	R	02:57:03.4					
RJOB	e P	Z	02:52:22.4	29.2	3.3	1.0	130	5.7
	e S	R	02:57:11.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/21	04:16:55.0	18.360S	176.930W	518.2				SZGRF
Fiji Islands region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	04:35:30.0	144.0	11.7					
NRDL	e PKPbc	Z	04:35:33.0	145.4	11.8					
IBBN	e PKPbc	Z	04:35:36.5	145.9	7.9					
CLZ	e PKPbc	Z	04:35:35.6	146.0	12.5					
CLL	e PKPbc	Z	04:35:36.7	146.1	17.1					
BRG	e PKPbc	Z	04:35:36.9	146.4	18.9					
UBBA	e PKPbc	Z	04:35:37.7	147.1	12.2					
TANN	e PKPbc	Z	04:35:39.1	147.1	16.6					
	e pPKPbc	Z	04:37:39.2							
ROTZ	e PKPbc	Z	04:35:40.9	147.7	16.4					
	e pPKPbc	Z	04:37:41.2							
TNS	e PKPbc	Z	04:35:40.9	147.8	9.6					
GRA1	e PKPbc	Z	04:35:41.9	148.0	14.7					
WET	e PKPbc	Z	04:35:42.5	148.2	17.9					
GEC2	e PKPbc	Z	04:35:42.5	148.3	19.5					
STU	e PKPbc	Z	04:35:45.5	149.2	11.4					
FUR	e PKPbc	Z	04:35:44.4	149.5	15.5					
RJOB	e PKPbc	Z	04:35:45.6	149.6	18.5					
BFO	e PKPbc	Z	04:35:46.5	149.7	9.9					
	e pPKPbc	Z	04:37:47.0							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/21	05:00: 7.8	38.072N	18.930E	10.0G				SZGRF
Ionian Sea								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
ARSA	e Pn	Z	05:02:24.3	9.5	163.6					
KBA	e Pn	Z	05:02:28.2	9.9	153.5					
	e Sn	N	05:04:16.0							
MOA	e Pn	Z	05:02:36.1	10.4	159.1					
	e Sn	E	05:04:26.7							

WTTA	e Pn	Z	05:02:38.4	10.6	147.2
	e Sn	N	05:04:34.3		
DAVA	e Pn	Z	05:02:47.5	11.3	141.0
GEC2	e Pn	Z	05:02:49.1	11.4	158.7
	e Sn	E	05:04:50.5		
WET	e Pn	Z	05:02:55.4	11.9	156.3
	e Sn	E	05:05:00.3		
ROTZ	e Pn	Z	05:03:05.5	12.6	155.1
	e Sn	N	05:05:20.1		
BFO	e Pn	Z	05:03:07.7	12.8	139.2
MANZ	e Pn	Z	05:03:08.1	12.9	155.2
WERN	e Pn	Z	05:03:11.5	13.1	156.6
GUNZ	e Pn	Z	05:03:11.8	13.2	156.6
TANN	e Pn	Z	05:03:12.8	13.2	157.1
WERD	e Pn	Z	05:03:14.1	13.2	156.6
	e Pn	E	05:03:14.7		
	e Sn	E	05:05:35.2		
MOX	e Pn	Z	05:03:18.1	13.6	154.8
	e Sn	N	05:05:40.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/21	05:18:44.0	45.400N	148.760E	53.3	5.6			SZGRF
Kuril Islands, Russia								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 05:30:20.3	74.6	28.9	1.1	71	5.6		
RUE	e P	Z 05:30:21.3	74.8	31.0	1.2	130	5.8		
CLL	e P	Z 05:30:27.9	76.0	30.3	1.1	128	6.0		
	e pP	Z 05:30:43.8							
BRG	e P	Z 05:30:28.6	76.1	30.9	1.1	49	5.5		
	e pP	Z 05:30:44.1							
FBE	e P	Z 05:30:29.6	76.3	30.5	1.1	90	5.8		
CLZ	e P	Z 05:30:30.8	76.4	28.7	1.2	130	5.9		
	e pP	Z 05:30:45.8							
IBBN	e P	Z 05:30:32.3	76.7	27.0	1.0	78	5.8		
TANN	e P	Z 05:30:33.6	77.0	29.9	1.1	24	5.2		
WERD	e P	Z 05:30:33.8	77.0	29.8	1.1	43	5.5		
MOX	e P	Z 05:30:34.0	77.0	29.3	1.1	59	5.6		
GUNZ	e P	Z 05:30:34.2	77.1	29.8	1.0	52	5.6		
WERN	e P	Z 05:30:34.5	77.1	29.8	1.0	59	5.7		
UBBA	e P	Z 05:30:35.8	77.4	28.3	1.3	35	5.3		
MANZ	e P	Z 05:30:36.4	77.5	29.6	1.1	43	5.5		
ROTZ	e P	Z 05:30:37.7	77.6	29.6	1.1	58	5.6		
BUG	e P	Z 05:30:37.2	77.6	26.6	1.1	67	5.7		
GEC2	e P	Z 05:30:38.8	77.9	30.5	1.0	34	5.4		
WET	e P	Z 05:30:39.4	77.9	30.0	1.1	90	5.8		
GRA1	e P	Z 05:30:39.7	78.0	29.0	1.0	153	6.1		

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TNS	e P	Z	05:30:41.5	78.4	27.2	1.1	71	5.6
RJOB	e P	Z	05:30:46.2	79.2	29.8	1.0	43	5.3
	e pP	Z	05:31:00.9					
FUR	e P	Z	05:30:46.7	79.3	28.9	1.1	114	5.7
STU	e P	Z	05:30:47.1	79.4	27.6	1.0	63	5.5
WLF	e P	Z	05:30:47.9	79.5	25.7	1.4	34	5.1
	e pP	Z	05:31:01.8					
BFO	e P	Z	05:30:50.6	80.1	27.0	1.1	39	5.2
	e pP	Z	05:31:06.2					

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/21 12:04:44.2 12.200S 167.000E 255.0
 Santa Cruz Islands NEIC

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e PKPdf	Z	12:23:32.2	134.4	38.0					
BSEG	e PKPdf	Z	12:23:32.6	134.4	32.8					
BRG	e PKPdf	Z	12:23:34.0	135.5	39.2					
CLL	e PKPdf	Z	12:23:34.0	135.6	37.7					
NRDL	e PKPdf	Z	12:23:34.1	135.6	33.3					
FBE	e PKPdf	Z	12:23:34.8	135.7	38.4					
CLZ	e PKPdf	Z	12:23:35.5	136.1	34.0					
TANN	e PKPdf	Z	12:23:35.9	136.5	37.6					
WERD	e PKPdf	Z	12:23:36.1	136.5	37.4					
IBBN	e PKPdf	Z	12:23:36.3	136.6	30.3					
GUNZ	e PKPdf	Z	12:23:36.2	136.6	37.5					
WERN	e PKPdf	Z	12:23:36.3	136.6	37.6					
MANZ	e PKPdf	Z	12:23:36.9	137.0	37.4					
UBBA	e PKPdf	Z	12:23:36.9	137.1	34.1					
ROTZ	e PKPdf	Z	12:23:37.0	137.1	37.7					
GEC2	e PKPdf	Z	12:23:36.8	137.2	40.3					
WET	e PKPdf	Z	12:23:37.7	137.3	39.0					
BUG	e PKPdf	Z	12:23:37.9	137.5	30.1					
GRA1	e PKPdf	Z	12:23:37.8	137.5	36.4					
TNS	e PKPdf	Z	12:23:39.2	138.1	32.4					
RJOB	e PKPdf	Z	12:23:39.5	138.4	39.9					
FUR	e PKPdf	Z	12:23:41.4	138.7	37.5					
STU	e PKPdf	Z	12:23:40.4	139.1	34.3					
WLF	e PKPdf	Z	12:23:42.1	139.4	29.5					

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/21 14:16: 9.3 41.730N 115.480W 33.0N 5.8 5.9
 Nevada, United States SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
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BSEG	e P	Z	14:27:42.0	73.7	320.9	1.3	130	5.8		
IBBN	e P	Z	14:27:43.3	73.9	319.5	1.0	128	5.9		
BUG	e P	Z	14:27:45.7	74.4	319.3	1.1	111	5.8		
NRDL	e P	Z	14:27:47.9	74.7	321.0	1.1	58	5.5		
WLF	e P	Z	14:27:51.3	75.3	318.9	1.5	184	6.0		
CLZ	e P	Z	14:27:51.8	75.3	321.3	1.1	88	5.8		
TNS	e P	Z	14:27:54.1	75.8	320.3	1.4	122	5.8		
UBBA	e P	Z	14:27:55.1	76.0	321.2	2.0	200	5.9		
RUE	e P	Z	14:27:55.7	76.1	323.5	0.9	57	5.7		
MOX	e P	Z	14:27:59.5	76.7	322.3	1.5	114	5.8		
CLL	e P	Z	14:27:59.2	76.7	323.1	1.2	76	5.7		
WERD	e P	Z	14:28:01.6	77.2	322.8	1.1	34	5.4		
FBE	e P	Z	14:28:02.0	77.2	323.4	1.2	108	5.9		
BFO	e P	Z	14:28:01.7	77.2	320.5	1.6	144	5.9		
STU	e P	Z	14:28:02.2	77.2	321.0					
GUNZ	e P	Z	14:28:02.2	77.2	322.8	1.1	56	5.6		
TANN	e P	Z	14:28:02.3	77.3	322.9	1.7	131	5.8		
WERN	e P	Z	14:28:02.8	77.3	322.8	2.0	256	6.0		
GRA1	e P	Z	14:28:03.3	77.3	322.2	1.6	297	6.2		
	e S	T	14:38:00.5							
	e L	T	15:02:04.9			18.1	5417		5.9	
BRG	e P	Z	14:28:03.5	77.4	323.8	1.8	175	5.9		
MANZ	e P	Z	14:28:03.4	77.5	322.7	1.0	77	5.8		
ROTZ	e P	Z	14:28:04.9	77.7	322.8	1.1	73	5.7		
WET	e P	Z	14:28:08.9	78.4	323.3	1.1	46	5.4		
FUR	e P	Z	14:28:10.0	78.6	322.4	1.3	159	5.9		
GEC2	e P	Z	14:28:11.8	79.0	323.9	1.4	76	5.5		
RJOB	e P	Z	14:28:14.8	79.5	323.4	0.9	50	5.4		

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/21 14:20:48.0 40.165N 117.696W 33.0N 4.7
 Nevada, United States SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 14:32:52.0	79.6	322.8	1.1	10	4.7		

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/21 14:35: 2.1 41.649N 115.893W 33.0 4.7
 Nevada, United States SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 14:46:55.3	77.6	322.4	1.2	11	4.7		
	e pP	Z 14:46:59.9							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/21	17:39:34.0	33.260N	141.730E	33.0N	5.1			SZGRF

Off east coast of Honshu, Japan

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	17:51:59.2	83.2	39.2	0.9	10	5.0		
BRG	e P	Z	17:52:03.0	84.1	41.6	1.1	14	5.1		
CLL	e P	Z	17:52:03.5	84.2	41.0	0.9	16	5.2		
FBE	e P	Z	17:52:04.5	84.3	41.2	1.0	21	5.3		
CLZ	e P	Z	17:52:07.3	84.8	39.1	0.9	15	5.2		
TANN	e P	Z	17:52:07.8	85.1	40.5	0.8	5	4.8		
WERD	e P	Z	17:52:08.3	85.1	40.4	0.8	6	4.9		
GUNZ	e P	Z	17:52:08.9	85.2	40.4	0.8	11	5.1		
WERN	e P	Z	17:52:09.1	85.2	40.5	0.8	14	5.2		
MOX	e P	Z	17:52:09.0	85.3	39.9	0.8	8	5.0		
MANZ	e P	Z	17:52:10.6	85.6	40.2	0.9	13	5.2		
ROTZ	e P	Z	17:52:11.5	85.7	40.3	1.0	11	5.1		
GEC2	e P	Z	17:52:11.3	85.8	41.3	0.8	10	5.0		
WET	e P	Z	17:52:12.7	85.9	40.8	1.2	8	4.7		
GRA1	e P	Z	17:52:13.9	86.2	39.6	1.1	31	5.4		
BUG	e P	Z	17:52:14.4	86.3	36.7	0.8	16	5.2		
TNS	e P	Z	17:52:16.8	86.9	37.6	0.8	10	5.0		
RJOB	e P	Z	17:52:17.8	87.0	40.6	1.1	11	4.9		
BFO	e P	Z	17:52:24.0	88.4	37.4	0.9	13	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/21	21:41:43.3	2.200S	138.700E	35.0		5.5		NEIC

Irian Jaya, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e SS	N	22:17:20.5	112.9	63.0					
GEC2	e SS	N	22:17:32.5	114.0	63.6					
WET	e SS	N	22:17:30.2	114.3	62.8					
ROTZ	e SS	N	22:17:40.3	114.4	61.9					
GRA1	e SS	N	22:17:40.8	115.0	61.0					
	e L	Z	22:49:19.1			21.8	1210		5.5	
UBBA	e SS	N	22:17:57.5	115.1	59.5					
TNS	e SS	N	22:18:07.2	116.3	58.3					
STU	e SS	N	22:18:10.7	116.6	59.6					
BFO	e SS	N	22:18:18.7	117.3	59.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/21	23:52: 7.7	50.840N	178.890W	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	00:03:49.7	74.9	6.0	1.1	76	5.6		
RUE	e P	Z	00:03:56.6	76.1	8.2	1.0	43	5.5		
NRDL	e P	Z	00:03:57.5	76.4	5.8	0.9	32	5.4		
IBBN	e P	Z	00:03:59.6	76.7	4.3	0.9	78	5.8		
CLZ	e P	Z	00:04:01.7	77.0	6.0	0.8	62	5.8		
CLL	e P	Z	00:04:02.8	77.4	7.7	1.1	25	5.3		
BUG	e P	Z	00:04:04.3	77.6	4.0	1.2	40	5.4		
BRG	e P	Z	00:04:04.8	77.7	8.3	1.0	21	5.2		
FBE	e P	Z	00:04:05.0	77.7	7.9	1.0	36	5.4		
UBBA	e P	Z	00:04:06.7	78.1	5.7	2.0	60	5.4		
MOX	e P	Z	00:04:07.2	78.1	6.8	1.0	26	5.3		
WERD	e P	Z	00:04:08.1	78.3	7.2	1.3	17	4.9		
TANN	e P	Z	00:04:08.3	78.3	7.3	1.6	30	5.1		
GUNZ	e P	Z	00:04:08.9	78.3	7.2	1.2	20	5.0		
WERN	e P	Z	00:04:08.8	78.4	7.2	1.0	36	5.4		
MANZ	e P	Z	00:04:10.6	78.7	7.1	1.1	15	4.9		
INS	e P	Z	00:04:10.8	78.7	4.7	0.8	51	5.6		
ROTZ	e P	Z	00:04:12.0	78.9	7.1	1.0	16	5.0		
GRA1	e P	Z	00:04:13.3	79.1	6.5	0.9	48	5.5		
WLF	e P	Z	00:04:14.6	79.4	3.2	0.9	30	5.2		
WET	e P	Z	00:04:15.2	79.5	7.5	1.5	27	4.9		
GEC2	e P	Z	00:04:16.2	79.7	8.0	0.9	12	4.8		
STU	e P	Z	00:04:18.4	80.1	5.2	1.0	31	5.3		
FUR	e P	Z	00:04:20.8	80.6	6.5	1.3	36	5.3		
BFO	e P	Z	00:04:20.8	80.6	4.6	0.9	14	5.0		
RJOB	e P	Z	00:04:22.8	80.9	7.4	0.8	13	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/21	23:55:33.4	3.720S	99.840E	34.1	5.8	5.5		SZGRF

Southwest of Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	00:08:30.8	90.3	95.4	1.5	144	6.1		
BRG	e P	Z	00:08:30.9	90.3	95.5	1.5	105	5.9		
	e S	T	00:19:23.6							
RUE	e P	Z	00:08:32.0	90.6	95.4	1.4	224	6.3		
FBE	e P	Z	00:08:32.6	90.7	95.1	1.5	120	6.0		
RJOB	e P	Z	00:08:32.8	90.8	94.7	1.7	63	5.7		
	e pP	Z	00:08:42.7							
WET	e P	Z	00:08:33.4	90.8	94.7	1.5	107	5.9		
	e S	T	00:19:27.8							
CLL	e P	Z	00:08:33.3	90.9	94.8	1.4	61	5.7		
TANN	e P	Z	00:08:35.2	91.2	94.4	1.5	51	5.6		
	e S	T	00:19:32.0							
WERN	e P	Z	00:08:35.4	91.2	94.3	1.4	48	5.6		

	e pP	Z	00:08:45.3								
GUNZ	e P	Z	00:08:35.7	91.3	94.3	1.5	73	5.8			
WERD	e P	Z	00:08:35.5	91.3	94.3	1.5	59	5.7			
ROTZ	e P	Z	00:08:36.1	91.3	94.2	1.5	67	5.9			
MANZ	e P	Z	00:08:36.5	91.4	94.1	1.4	108	6.1			
MOX	e P	Z	00:08:37.5	91.8	93.7	1.5	74	5.9			
	e S	T	00:19:35.2								
FUR	e P	Z	00:08:37.9	91.8	93.6	1.4	78	5.9			
	e pP	Z	00:08:47.7								
	e sP	Z	00:08:51.1								
	e S	T	00:19:36.2								
GRA1	e P	Z	00:08:38.7	91.9	93.5	1.5	141	6.2			
	e pP	Z	00:08:48.7								
	e		00:09:12.2								
	e S	T	00:19:39.8								
	e L	Z	00:57:38.3			19.5	1755	5.5			
CLZ	e P	Z	00:08:41.3	92.6	92.7	1.4	77	5.8			
	e pP	Z	00:08:51.7								
BSEG	e P	Z	00:08:41.8	92.7	92.6	1.7	103	5.9			
	e pP	Z	00:08:51.8								
UBBA	e P	Z	00:08:42.4	92.8	92.5	1.7	68	5.7			
NRDL	e P	Z	00:08:42.3	92.8	92.5	1.6	71	5.7			
STU	e P	Z	00:08:45.0	93.2	92.0	1.9	126	5.9			
	e S	T	00:19:47.8								
TNS	e P	Z	00:08:47.0	93.7	91.3	1.4	89	6.0			
	e pP	Z	00:08:57.1								
BFO	e P	Z	00:08:46.7	93.8	91.3	1.4	28	5.5			
	e pP	Z	00:08:56.5								
	e S	T	00:19:53.1								
BUG	e P	Z	00:08:50.4	94.5	90.3	1.5	42	5.7			
WLF	e P	Z	00:08:53.5	95.2	89.6	1.3	36	5.7			

Date 2008/02/22 Origin Time 00:16: 1.2 Lat 51.873N Long 176.085W Depth 33.0N mb 5.0 Ms ML Source SZGRF
 Andreanof Islands, Aleutian Islands, United States

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
IBBN	e P	Z 00:27:44.9	75.8	2.4	1.1	41	5.5		
CLZ	e P	Z 00:27:46.7	76.1	4.1	1.0	19	5.2		
MOX	e P	Z 00:27:52.4	77.3	4.9	0.9	6	4.8		
TNS	e P	Z 00:27:55.9	77.8	2.9	0.9	20	5.3		
MANZ	e P	Z 00:27:55.7	77.9	5.2	1.0	5	4.6		
ROTZ	e P	Z 00:27:57.4	78.1	5.2	1.1	6	4.7		
GRA1	e P	Z 00:27:58.1	78.2	4.6	1.0	19	5.1		
WET	e P	Z 00:28:00.4	78.7	5.6	1.1	6	4.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/22	04:57:39.5	37.541N	20.616E	15.0G				GSRC

Ionian Sea

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RJOB	e P	Z 05:00:27.9	11.7	147.8	0.4				
GEC2	e P	Z 05:00:33.3	12.4	153.5	0.4				
GRA1	e P	Z 05:01:05.5	13.9	147.4	0.7				
WERD	e P	Z 05:01:08.3	14.2	152.2	0.8				
MOX	e P	Z 05:01:11.4	14.6	150.5	0.8				
CLL	e P	Z 05:01:15.2	14.8	155.7	0.7				
TNS	e P	Z 05:01:23.8	15.4	140.9	0.7				

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/22	08:24:12.1	34.190N	139.534E	33.0N	5.1			SZGRF

Near south coast of eastern Honshu, Japan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
ROTZ	e P	Z 08:36:39.5	84.0	41.4	1.6	32	5.3		
GEC2	e P	Z 08:36:38.8	84.0	42.4	0.8	7	4.9		
WET	e P	Z 08:36:40.0	84.1	41.8	1.0	7	4.9		
GRA1	e P	Z 08:36:41.8	84.4	40.7	0.9	11	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/22	15:26:49.3	21.900S	174.480W	33.0G				SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 15:46:30.4	147.8	8.4					
RUE	e PKPbc	Z 15:46:33.4	148.8	14.9					
NRDL	e PKPbc	Z 15:46:34.2	149.2	8.3					
CLZ	e PKPbc	Z 15:46:36.2	149.8	9.0					
CLL	e PKPbc	Z 15:46:36.6	150.0	14.0					
BRG	e PKPbc	Z 15:46:37.3	150.3	15.9					
FBE	e PKPbc	Z 15:46:37.8	150.3	14.8					
BUG	e PKPbc	Z 15:46:37.4	150.4	3.3					
MOX	e PKPbc	Z 15:46:38.7	150.9	11.7					
UBBA	e PKPbc	Z 15:46:38.4	150.9	8.6					
WERD	e PKPbc	Z 15:46:39.1	151.0	13.1					
TANN	e PKPbc	Z 15:46:39.1	151.0	13.4					
GUNZ	e PKPbc	Z 15:46:39.4	151.0	13.1					
WERN	e PKPbc	Z 15:46:39.5	151.1	13.3					
MANZ	e PKPbc	Z 15:46:40.1	151.4	12.9					
TNS	e PKPbc	Z 15:46:40.5	151.6	5.7					

ROTZ	e	PKPbc	Z	15:46:40.7	151.6	13.1
GRA1	e	PKPbc	Z	15:46:41.3	151.8	11.3
WET	e	PKPbc	Z	15:46:41.5	152.1	14.7
WLF	e	PKPbc	Z	15:46:42.6	152.2	1.3
GEC2	e	PKPbc	Z	15:46:41.8	152.3	16.5
BFO	e	PKPbc	Z	15:46:44.6	153.5	5.8
RJOB	e	PKPbc	Z	15:46:44.7	153.5	15.3

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/23	04:40:58.8	36.120N	71.560E	33.0G	4.9			SZGRF
Afghanistan-Tajikistan border region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 04:48:56.0	43.1	86.9	0.8	17	4.8		
GEC2	e P	Z 04:48:57.7	43.4	84.6	0.9	4	4.2		
CLL	e P	Z 04:48:59.3	43.7	86.7	0.9	12	4.6		
TANN	e P	Z 04:49:03.9	44.1	85.4	1.6	21	4.6		
RJOB	e P	Z 04:49:04.1	44.1	82.9	0.8	10	4.6		
ROTZ	e P	Z 04:49:06.9	44.3	84.5	1.7	31	4.8		
MANZ	e P	Z 04:49:06.6	44.3	84.7	1.0	9	4.4		
MOX	e P	Z 04:49:08.3	44.6	85.0	1.9	37	5.0		
GRA1	e P	Z 04:49:11.3	44.9	83.8	0.9	22	5.1		
BSEG	e P	Z 04:49:12.5	45.1	87.3	2.1	152	5.6		
CLZ	e P	Z 04:49:12.7	45.2	85.3	0.9	21	5.1		
NRDL	e P	Z 04:49:13.9	45.4	85.8	1.2	33	5.2		
UBBA	e P	Z 04:49:16.3	45.6	84.0	3.0	126	5.4		
STU	e P	Z 04:49:22.3	46.3	81.5	0.7	9	4.9		
IBBN	e P	Z 04:49:26.1	46.8	83.8	0.7	29	5.5		
BFO	e P	Z 04:49:26.0	47.0	80.5	1.4	9	4.7		
BUG	e P	Z 04:49:28.6	47.2	82.7	1.3	18	5.1		
WLF	e P	Z 04:49:36.2	48.2	80.3	1.0	17	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/23								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 05:21:38.3							
GRA1	e P	Z 05:21:55.3							
WET	e P	Z 05:21:43.6							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/23	07:17:13.4	2.152S	99.899E	33.0N	5.4	5.0		SZGRF
Southern Sumatera, Indonesia								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	07:30:05.7	89.1	94.3	1.6	62	5.6		
BRG	e P	Z	07:30:06.0	89.1	94.5	1.1	16	5.1		
FBE	e P	Z	07:30:08.0	89.5	94.0	1.9	94	5.7		
WET	e P	Z	07:30:08.2	89.7	93.7	1.9	68	5.6		
CLL	e P	Z	07:30:08.3	89.7	93.8	2.1	55	5.4		
NKC	e P	Z	07:30:10.8	90.0	93.3	1.1	12	5.0		
TANN	e P	Z	07:30:10.1	90.0	93.3	2.2	75	5.5		
WERN	e P	Z	07:30:10.5	90.1	93.3	1.8	29	5.2		
GUNZ	e P	Z	07:30:10.4	90.1	93.2	1.3	21	5.2		
WERD	e P	Z	07:30:10.5	90.1	93.2	1.4	23	5.2		
ROTZ	e P	Z	07:30:10.9	90.2	93.2	1.4	27	5.3		
MANZ	e P	Z	07:30:11.2	90.2	93.1	1.6	53	5.5		
NEUB	e P	Z	07:30:12.1	90.5	92.8	1.1	26	5.4		
MOX	e P	Z	07:30:12.7	90.6	92.7	1.6	40	5.5		
GRA1	e P	Z	07:30:13.6	90.8	92.4	1.6	57	5.7		
	e L	Z	08:19:52.9			20.4	587		5.0	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/23	08:04:58.3	40.832N	29.869W	17.5	4.6			SZGRF

Azores Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	08:11:02.8	29.8	268.6	1.1	12	4.6		
	e pP	Z	08:11:07.3							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/23	11:03:56.6	40.846N	29.684W	33.0N	5.0	5.1		SZGRF

Azores Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
NRDL	e P	Z	11:09:56.4	29.2	262.6	1.1	35	5.1		
CLZ	e P	Z	11:09:58.5	29.3	264.0	1.2	22	4.9		
BSEG	e P	Z	11:09:58.6	29.6	260.3	1.1	69	5.4		
GRA1	e P	Z	11:10:00.0	29.7	268.5	1.1	43	5.2		
	e L	Z	11:20:33.4			18.5	4610		5.1	
MANZ	e P	Z	11:10:04.3	30.3	268.7	1.0	18	4.9		
ROTZ	e P	Z	11:10:05.1	30.3	269.2	1.1	15	4.7		
TANN	e P	Z	11:10:08.2	30.5	268.3	1.1	19	4.9		
WET	e P	Z	11:10:09.4	30.8	270.7	1.1	27	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
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2008/02/23 11:09:54.0 40.882N 29.679W 33.0N 4.7 SZGRF
Azores Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 11:15:57.2	29.7	268.6	1.1	12	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/23	11:56:14.5	40.867N	29.485W	33.0N	4.9	4.3		SZGRF

Azores Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 12:02:16.7	29.6	268.4	1.5	28	4.9		
	e L	Z 12:14:37.6			18.1	722		4.3	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/23	12:35:31.2	40.650N	29.933W	33.0N	5.1	4.8		SZGRF

Azores Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
IBBN	e P	Z 12:41:20.7	28.0	260.6	1.8	120	5.4		
UBBA	e P	Z 12:41:31.6	29.2	265.4	2.0	46	5.0		
BSEG	e P	Z 12:41:36.7	29.8	260.2	1.5	90	5.4		
GRA1	e P	Z 12:41:37.0	30.0	268.4	1.8	105	5.4		
	e L	Z 12:52:19.3			18.0	2109		4.8	
MOX	e P	Z 12:41:40.3	30.3	267.0	1.6	52	5.1		
WERD	e P	Z 12:41:43.3	30.7	267.9	1.4	27	5.0		
GUNZ	e P	Z 12:41:44.5	30.7	268.1	1.6	36	5.1		
TANN	e P	Z 12:41:45.0	30.8	268.1	1.2	11	4.7		
RJOB	e P	Z 12:41:46.3	31.0	272.9	1.6	25	4.9		
WET	e P	Z 12:41:46.4	31.0	270.6	1.3	19	4.9		
CLL	e P	Z 12:41:48.4	31.2	267.1	1.0	8	4.6		
FBE	e P	Z 12:41:50.4	31.4	268.0	1.5	43	5.2		
GEC2	e P	Z 12:41:51.2	31.6	271.7	2.7	105	5.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/23	15:57:20.3	57.100S	23.400W	10.0		6.8		NEIC

South Sandwich Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e Pdiff	Z 16:12:00.6	110.6	199.2					
	e PP	Z 16:16:25.8							
	e Sdiff	T 16:24:18.4							
	e SP	R 16:26:02.1							

e SS	T	16:31:56.0						
e SSS	T	16:36:07.5						
e L	Z	17:00:43.4	18.3	24471	6.8			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/24	04:36:17.9	5.850S	102.920E	33.0G	5.4			NEIC

Southern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 04:49:32.4	93.9	94.4	0.9	18	5.4		
BRG	e P	Z 04:49:32.4	93.9	94.5	0.9	22	5.5		
FBE	e P	Z 04:49:34.0	94.3	94.0	0.9	16	5.3		
RJOB	e P	Z 04:49:34.1	94.4	93.9	0.9	19	5.6		
WET	e P	Z 04:49:34.4	94.4	93.8	0.9	18	5.5		
CLL	e P	Z 04:49:34.7	94.5	93.7	1.1	11	5.2		
TANN	e P	Z 04:49:36.3	94.8	93.4	1.0	8	5.1		
WERN	e P	Z 04:49:36.5	94.8	93.3	0.8	8	5.2		
GUNZ	e P	Z 04:49:36.9	94.9	93.3	0.8	10	5.3		
WERD	e P	Z 04:49:36.8	94.9	93.3	0.9	10	5.3		
ROTZ	e P	Z 04:49:37.2	94.9	93.2	0.9	9	5.2		
MANZ	e P	Z 04:49:37.7	95.0	93.1	1.0	19	5.4		
NEUB	e P	Z 04:49:38.4	95.3	92.8	0.9	24	5.6		
MOX	e P	Z 04:49:38.6	95.3	92.7	0.9	9	5.2		
FUR	e P	Z 04:49:39.4	95.5	92.7	0.8	14	5.6		
GRA1	e P	Z 04:49:40.0	95.6	92.5	0.9	20	5.6		
CLZ	e P	Z 04:49:42.4	96.2	91.6	0.9	14	5.5		
BSEG	e P	Z 04:49:42.8	96.3	91.4	0.9	15	5.5		
NRDL	e P	Z 04:49:43.4	96.3	91.3	1.0	14	5.4		
TNS	e P	Z 04:49:48.2	97.4	90.3	0.9	30	5.9		
BFO	e P	Z 04:49:48.0	97.4	90.5	0.8	6	5.3		
IBBN	e P	Z 04:49:49.7	97.8	89.5	1.0	15	5.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/24	08:53:52.9	2.238N	100.750E	30.3	5.2			SZGRF

Northern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 09:06:32.1	86.2	91.1	1.2	22	5.1		
GEC2	e P	Z 09:06:32.1	86.4	90.7	1.7	46	5.3		
CLL	e P	Z 09:06:34.8	86.8	90.4	1.1	10	4.9		
WET	e P	Z 09:06:34.5	86.9	90.1	1.8	41	5.3		
ROTZ	e P	Z 09:06:37.3	87.4	89.7	1.6	26	5.1		
MOX	e P	Z 09:06:38.0	87.7	89.2	1.8	32	5.4		
GRA1	e P	Z 09:06:40.0	88.0	88.9	1.2	21	5.3		
	e pP	Z 09:06:48.9							

CLZ	e P	Z	09:06:42.6	88.5	88.3	1.5	20	5.2
TNS	e P	Z	09:06:48.2	89.8	86.8	1.2	23	5.3
BFO	e P	Z	09:06:47.0	89.9	86.7	2.2	38	5.2

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/24	14:40:49.5	1.972N	99.416E	28.1	4.8			SZGRF

Northern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 14:53:33.4	87.3	90.1	1.9	14	4.8		
	e pP	Z 14:53:41.5							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/24	14:46:19.7	3.710S	99.540E	33.0N	6.0	6.2		SZGRF

Southwest of Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 14:59:16.2	90.1	95.6	1.6	222	6.1		
	e S	T 15:10:07.8							
BRG	e P	Z 14:59:16.8	90.1	95.8	1.6	219	6.1		
	e S	T 15:10:07.9							
RJOB	e P	Z 14:59:17.9	90.6	94.9	1.4	66	5.7		
	e S	T 15:10:09.9							
WET	e P	Z 14:59:19.2	90.6	94.9	1.4	157	6.0		
	e S	T 15:10:13.6							
CLL	e P	Z 14:59:19.0	90.7	95.0	1.5	115	5.9		
	e S	T 15:10:12.7							
TANN	e P	Z 14:59:20.4	91.0	94.6	1.5	100	5.9		
	e S	T 15:10:16.7							
ROTZ	e P	Z 14:59:21.5	91.1	94.4	1.5	140	6.1		
	e S	T 15:10:18.3							
MOX	e P	Z 14:59:23.3	91.6	94.0	1.5	135	6.0		
	e S	T 15:10:20.7							
FUR	e P	Z 14:59:23.8	91.6	93.8	1.2	99	6.0		
GRA1	e P	Z 14:59:24.3	91.7	93.7	1.3	164	6.2		
	e PP	Z 15:03:04.1							
	e S	T 15:10:24.6							
	e L	Z 15:49:06.9			19.6	8186		6.2	
CLZ	e P	Z 14:59:27.1	92.4	92.9	1.6	156	6.1		
	e S	T 15:10:27.9							
BSEG	e P	Z 14:59:27.8	92.5	92.8	2.0	136	5.9		
NRDL	e P	Z 14:59:28.2	92.6	92.7	1.7	150	6.0		
STU	e P	Z 14:59:31.5	93.0	92.2	1.6	119	6.1		
	e S	T 15:10:34.2							
TNS	e P	Z 14:59:32.7	93.5	91.5	1.1	125	6.2		

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	e S	T	15:10:38.2						
BFO	e P	Z	14:59:32.4	93.6	91.6	1.6	64	5.8	
	e S	T	15:10:38.8						
IBBN	e P	Z	14:59:34.1	94.0	90.9	1.6	98	5.9	
	e S	T	15:10:42.1						
BUG	e P	Z	14:59:35.5	94.3	90.5	1.6	57	5.6	
	e S	T	15:10:45.5						
WLF	e P	Z	14:59:39.2	95.0	89.8	1.4	72	5.9	
	e S	T	15:10:49.4						

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/24	20:25:2.8	35.680N	141.910E	33.0N	4.9			SZGRF

Near east coast of eastern Honshu, Japan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 20:37:21.8	82.1	40.3	0.7	5	4.7		
CLL	e P	Z 20:37:21.7	82.2	39.6	1.0	11	4.9		
CLZ	e P	Z 20:37:25.5	82.8	37.8	1.2	9	4.9		
MOX	e P	Z 20:37:27.5	83.2	38.6	1.6	16	5.0		
ROTZ	e P	Z 20:37:30.3	83.7	39.0	1.6	13	4.9		
GEC2	e P	Z 20:37:30.0	83.8	39.9	1.1	5	4.7		
WET	e P	Z 20:37:31.1	83.9	39.4	0.9	4	4.6		
GRA1	e P	Z 20:37:32.5	84.1	38.3	0.8	14	5.2		
TNS	e P	Z 20:37:35.5	84.8	36.3	1.2	16	5.1		
RJOB	e P	Z 20:37:36.7	85.0	39.2	1.0	6	4.8		
FUR	e P	Z 20:37:38.0	85.3	38.2	0.8	13	5.1		
STU	e P	Z 20:37:39.9	85.7	36.8	0.8	11	5.1		
BFO	e P	Z 20:37:43.0	86.4	36.1	0.9	9	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/25	07:59:55.6	10.001N	70.325W	33.0G	4.7			SZGRF

Venezuela

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 08:11:45.1	76.9	270.1	1.3	9	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/25	08:36:24.6	4.300S	100.938E	31.2	6.4	7.1		SZGRF

Southwest of Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 08:49:27.8	91.4	94.9	1.4	472	6.7		
	e pP	Z 08:49:37.2			1.4	472			

	e S	T	09:00:23.1						
BRG	e P	Z	08:49:27.7	91.4	95.0	1.3	271	6.5	
	e S	T	09:00:23.4						
RUE	e P	Z	08:49:29.8	91.7	94.9	1.2	613	6.9	
FBE	e P	Z	08:49:29.6	91.8	94.6	1.3	331	6.6	
RJOB	e P	Z	08:49:29.4	91.9	94.3	1.2	162	6.3	
	e S	T	09:00:25.9						
WET	e P	Z	08:49:30.3	92.0	94.3	1.2	296	6.6	
	e pP	Z	08:49:39.5						
	e S	T	09:00:28.9						
CLL	e P	Z	08:49:30.2	92.1	94.3	1.3	197	6.4	
	e S	T	09:00:27.4						
RGN	e P	Z	08:49:31.3	92.1	94.4	1.3	402	6.7	
TANN	e P	Z	08:49:31.9	92.3	93.9	1.4	175	6.2	
	e S	T	09:00:32.2						
WERN	e P	Z	08:49:32.3	92.4	93.9	1.2	137	6.2	
GUNZ	e P	Z	08:49:32.3	92.4	93.8	1.2	193	6.3	
	e pP	Z	08:49:41.6						
WERD	e P	Z	08:49:32.3	92.4	93.8	1.2	155	6.2	
ROTZ	e P	Z	08:49:33.0	92.5	93.7	1.2	199	6.3	
	e S	T	09:00:34.4						
MANZ	e P	Z	08:49:33.3	92.5	93.7	1.2	338	6.5	
PLN	e P	Z	08:49:32.9	92.5	93.7	1.4	395	6.6	
NEUB	e P	Z	08:49:33.9	92.8	93.3	1.1	326	6.6	
MOX	e P	Z	08:49:34.4	92.9	93.3	1.4	243	6.3	
	e S	T	09:00:36.8						
FUR	e P	Z	08:49:34.8	93.0	93.1	1.3	256	6.4	
	e S	T	09:00:35.8						
GRA1	e P	Z	08:49:35.7	93.1	93.0	1.2	361	6.6	
	e pP	Z	08:49:44.9						
	e PP	Z	08:53:16.0						
	e S	T	09:00:39.4						
	e SS	T	09:06:58.2						
	e PKPPKpdf	Z	09:15:15.7						
	e L	Z	09:38:48.2			20.8	73992		7.1
CLZ	e P	Z	08:49:38.3	93.7	92.2	1.2	174	6.4	
	e pP	Z	08:49:47.6						
	e S	T	09:00:43.2						
BSEG	e P	Z	08:49:38.8	93.8	92.0	1.2	95	6.1	
	e S	T	09:00:45.7						
NRDL	e P	Z	08:49:38.9	93.9	92.0	1.4	175	6.3	
	e S	T	09:00:45.5						
STU	e P	Z	08:49:41.2	94.4	91.5	1.2	168	6.4	
	e pP	Z	08:49:50.5						
	e S	T	09:00:50.3						
TNS	e P	Z	08:49:43.8	94.9	90.8	1.1	266	6.7	
	e S	T	09:00:55.3						
BFO	e P	Z	08:49:43.5	94.9	90.9	1.2	80	6.1	
	e S	T	09:00:54.8						

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IBBN	e P	Z	08:49:45.6	95.3	90.1	1.0	70	6.3
	e S	T	09:00:58.1					
BUG	e P	Z	08:49:46.9	95.6	89.8	1.3	88	6.2
	e pP	Z	08:49:55.0					
WLF	e S	T	09:01:02.5					
	e P	Z	08:49:50.7	96.4	89.1	1.4	105	6.4
e S	T	09:01:08.6						

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/25	09:10:16.1	24.307S	179.169W	529.6				SZGRF

South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	09:30:02.6	149.5	17.2					
	e pPKPbc	Z	09:32:06.3							
RUE	e PKPbc	Z	09:30:04.3	150.2	24.2					
NRDL	e PKPbc	Z	09:30:06.0	150.9	17.6					
	e pPKPbc	Z	09:32:09.4							
CLL	e PKPbc	Z	09:30:06.8	151.4	23.7					
	e pPKPbc	Z	09:32:10.7							
IBBN	e PKPbc	Z	09:30:07.6	151.5	13.3					
CLZ	e PKPbc	Z	09:30:07.6	151.5	18.5					
BRG	e PKPbc	Z	09:30:07.2	151.6	25.7					
	e pPKPbc	Z	09:32:11.1							
FBE	e PKPbc	Z	09:30:07.8	151.7	24.6					
	e pPKPbc	Z	09:32:11.7							
NEUB	e PKPbc	Z	09:30:07.9	151.8	21.5					
MOX	e PKPbc	Z	09:30:09.0	152.4	21.6					
WERD	e PKPbc	Z	09:30:09.1	152.4	23.0					
	e pPKPbc	Z	09:32:13.0							
GUNZ	e pPKPbc	Z	09:32:13.4	152.5	23.1					
MANZ	e PKPbc	Z	09:30:10.3	152.9	23.0					
GRA1	e PKPbc	Z	09:30:09.5	153.4	21.5					
TNS	e PKPbc	Z	09:30:11.4	153.4	15.7					
	e pPKPbc	Z	09:32:15.4							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/25	10:38:53.0	0.550S	100.020E	33.0N	4.8			SZGRF

Southern Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	10:51:40.0	88.0	93.4	1.1	6	4.6		
GEC2	e P	Z	10:51:40.1	88.0	93.1	1.6	12	4.8		
WET	e P	Z	10:51:42.5	88.5	92.5	1.0	8	4.8		
CLL	e P	Z	10:51:42.5	88.6	92.7	0.4	5	5.0		

TANN	e P	Z	10:51:44.4	88.9	92.2	1.8	19	4.9
ROTZ	e P	Z	10:51:44.4	89.0	92.0	1.1	7	4.7
MANZ	e P	Z	10:51:45.3	89.1	92.0			
MOX	e P	Z	10:51:46.5	89.4	91.6	1.5	12	4.8
GRA1	e P	Z	10:51:48.1	89.6	91.3	0.7	7	4.9

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/25	13:18: 1.2	32.094N	139.443E	33.0N	4.8			SZGRF

Southeast of Honshu, Japan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 13:30:39.7	86.2	41.8	1.1	8	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/25	13:34: 4.4	0.868N	99.227E	33.0N	5.1			SZGRF

Northern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 13:46:51.8	88.0	91.0	1.1	10	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/25	17:27:34.2	52.787N	168.596W	33.0N	5.0			SZGRF

Fox Islands, Aleutian Islands, United States

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 17:39:27.1	77.5	359.9	1.3	17	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/25	18:06: 5.4	2.780S	99.250E	32.4	6.0	6.3		SZGRF

Southern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 18:18:58.2	89.2	95.2	1.8	322	6.3		
	e S	T 18:29:45.4							
BRG	e P	Z 18:18:58.2	89.2	95.4	1.9	322	6.2		
	e S	T 18:29:46.1							
RJOB	e P	Z 18:19:00.2	89.7	94.5	1.3	64	5.7		
	e S	T 18:29:49.0							
WET	e P	Z 18:19:00.7	89.7	94.6	1.4	102	5.9		
	e pP	Z 18:19:10.3							
	e S	T 18:29:50.1							

CLL	e P	Z	18:19:00.9	89.8	94.7	1.4	86	5.8		
	e pP	Z	18:19:10.9							
	e S	T	18:29:50.1							
TANN	e P	Z	18:19:02.3	90.1	94.2	1.9	166	5.9		
	e S	T	18:29:54.8							
ROTZ	e P	Z	18:19:03.4	90.2	94.1	2.2	307	6.2		
	e S	T	18:29:56.9							
MOX	e P	Z	18:19:04.9	90.7	93.6	1.7	150	6.1		
	e S	T	18:29:58.7							
FUR	e P	Z	18:19:04.8	90.7	93.4	1.5	111	6.0		
	e S	T	18:29:58.7							
GRA1	e P	Z	18:19:06.2	90.8	93.3	2.0	396	6.4		
	e pP	Z	18:19:14.8							
	e PP	Z	18:22:48.2							
	e S	T	18:29:59.9							
	e SP	R	18:31:03.1							
	e SS	T	18:36:04.9							
	e L	Z	19:08:49.1			19.7	10365		6.3	
CLZ	e P	Z	18:19:08.8	91.5	92.6	1.9	201	6.1		
	e S	T	18:30:05.2							
BSEG	e P	Z	18:19:09.2	91.6	92.5	1.9	146	6.0		
	e S	T	18:30:07.0							
UBBA	e P	Z	18:19:09.6	91.7	92.3	2.0	120	5.9		
	e S	T	18:30:07.7							
NRDL	e P	Z	18:19:09.7	91.7	92.4	2.0	263	6.2		
	e S	T	18:30:08.0							
STU	e P	Z	18:19:11.6	92.1	91.8	1.9	162	6.0		
	e pP	Z	18:19:20.8							
	e S	T	18:30:11.3							
TNS	e P	Z	18:19:14.2	92.6	91.2	1.2	104	6.1		
	e S	T	18:30:17.4							
BFO	e P	Z	18:19:13.9	92.7	91.2	1.4	48	5.7		
	e S	T	18:30:17.5							
IBBN	e P	Z	18:19:16.0	93.1	90.5	1.5	67	5.9		
	e S	T	18:30:19.9							
BUG	e P	Z	18:19:17.3	93.4	90.2	1.5	41	5.6		
	e S	T	18:30:24.2							
WLF	e P	Z	18:19:21.1	94.1	89.4	1.4	53	5.7		
	e S	T	18:30:28.2							

Date 2008/02/25 Origin Time 18:46:17.7 Lat 44.657N Long 146.634E Depth 33.0N mb 4.6 Ms ML Source SZGRF
Kuril Islands, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 18:58:13.1	78.0	30.7	1.2	6	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/25	21:02:19.6	2.910S	98.980E	33.0N	6.3	6.6		SZGRF

Southwest of Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	21:15:12.1	89.1	95.5	1.8	416	6.5		
	e S	T	21:25:59.9							
BRG	e P	Z	21:15:12.1	89.1	95.7	1.4	184	6.2		
	e S	T	21:25:59.2							
RJOB	e P	Z	21:15:13.7	89.6	94.8	1.7	140	6.0		
	e S	T	21:26:02.0							
WET	e P	Z	21:15:14.7	89.7	94.9	1.6	225	6.2		
	e S	T	21:26:03.4							
CLL	e P	Z	21:15:14.5	89.8	95.0	2.3	414	6.3		
	e S	T	21:26:03.6							
TANN	e P	Z	21:15:16.3	90.0	94.5	2.2	275	6.2		
	e S	T	21:26:07.7							
ROTZ	e P	Z	21:15:17.4	90.1	94.3	1.8	241	6.2		
	e S	T	21:26:08.0							
MOX	e P	Z	21:15:18.8	90.6	93.9	2.2	339	6.4		
	e S	T	21:26:12.3							
FUR	e P	Z	21:15:18.8	90.6	93.7	1.5	147	6.2		
	e S	T	21:26:11.6							
GRA1	e P	Z	21:15:20.1	90.8	93.6	1.6	324	6.5		
	e PP	Z	21:18:59.1							
	e S	T	21:26:13.1							
	e SP	R	21:27:18.2							
	e SS	T	21:32:13.6							
	e SKKSdf	T	21:39:40.9							
CLZ	e P	Z	22:07:27.7	91.4	92.9	1.6	173	6.1		6.6
	e S	T	21:26:18.8							
BSEG	e P	Z	21:15:23.1	91.6	92.8	2.6	559	6.4		
	e S	T	21:26:21.5							
UBBA	e P	Z	21:15:23.5	91.6	92.6	2.4	440	6.4		
	e S	T	21:26:20.9							
NRDL	e P	Z	21:15:23.6	91.6	92.7	2.6	858	6.6		
	e S	T	21:26:20.6							
STU	e P	Z	21:15:25.6	92.0	92.1	2.1	262	6.2		
	e S	T	21:26:25.9							
TNS	e P	Z	21:15:28.2	92.6	91.5	1.8	311	6.4		
	e S	T	21:26:31.0							
BFO	e P	Z	21:15:27.9	92.6	91.5	1.6	94	6.0		
	e S	T	21:26:29.9							
IBBN	e P	Z	21:15:29.9	93.0	90.8	2.2	363	6.4		
	e S	T	21:26:34.2							
BUG	e P	Z	21:15:31.3	93.3	90.5	3.0	741	6.7		

	e S	T	21:26:37.4						
WLF	e P	Z	21:15:35.0	94.0	89.7	1.9	144	6.2	
	e S	T	21:26:46.0						

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/26	04:16:57.9	42.388N	20.325E	10.0G				SZGRF
Northwestern Balkan Peninsula								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RJOB	e Pn	Z 04:18:47.2	7.5	132.4					
GEC2	e Pn	Z 04:18:54.1	7.9	141.9					
WET	e Pn	Z 04:19:02.4	8.5	139.7					
FUR	e Pn	Z 04:19:02.0	8.6	128.9					
MOX	e Pn	Z 04:19:25.0	10.2	140.8					
BFO	e Pn	Z 04:19:24.5	10.3	120.8					
TNS	e Pn	Z 04:19:38.5	11.3	129.2					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/26	05:22:33.6	4.600S	150.000E	513.0				NEIC
New Britain, Papua New Guinea, region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKPdf	Z 05:40:27.9	121.0	53.8					
CLL	e PKPdf	Z 05:40:28.0	121.2	52.6					
FBE	e PKPdf	Z 05:40:28.6	121.3	53.2					
NEUB	e PKPdf	Z 05:40:29.5	121.9	51.5					
WERD	e PKPdf	Z 05:40:30.0	122.1	52.4					
GUNZ	e PKPdf	Z 05:40:30.1	122.1	52.4					
PLN	e PKPdf	Z 05:40:30.0	122.1	52.2					
NKC	e PKPdf	Z 05:40:30.4	122.1	52.6					
WERN	e PKPdf	Z 05:40:30.4	122.2	52.5					
MOX	e PKPdf	Z 05:40:30.7	122.3	51.6					
GEC2	e PKPdf	Z 05:40:30.2	122.3	54.6					
MANZ	e PKPdf	Z 05:40:30.8	122.5	52.4					
WET	e PKPdf	Z 05:40:31.1	122.6	53.6					
GRA1	e PKPdf	Z 05:40:31.9	123.1	51.6					
	e pPKPdf	Z 05:42:35.2							
GRFO	e PKPdf	Z 05:40:31.5	123.1	51.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/26								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
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GRA1 e PKP Z 05:40:31.7

Date Origin Time Lat Long Depth mb Ms ML Source
2008/02/26

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
GRA1 e PKP Z 09:57:56.7

Date Origin Time Lat Long Depth mb Ms ML Source
2008/02/26 10:46:10.8 36.176N 21.958E 10.0G 5.2 ML NEIC
Southern Greece

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RJOB	e Pn	Z 10:49:23.4	13.4	146.3					
GEC2	e Pn	Z 10:49:33.6	14.0	151.4					
ROTZ	e Pn	Z 10:49:54.7	15.3	148.8					
GRA1	e S	E 10:53:02.9	15.6	146.0					
	e L	Z 10:57:12.0			18.0	15802		5.2	
BFO	e Pn	Z 10:49:57.5	15.7	135.5					
	e Sn	N 10:52:33.8							
BRG	e Pn	Z 10:50:01.5	15.8	155.6					
GUNZ	e Pn	Z 10:50:02.2	15.8	150.3					
TANN	e Pn	Z 10:50:02.1	15.8	150.7					
WERD	e Pn	Z 10:50:05.2	15.9	150.3					
CLL	e Pn	Z 10:50:12.9	16.4	153.6					
UBBA	e Pn	Z 10:50:19.2	17.0	145.0					
TNS	e Pn	Z 10:50:20.5	17.1	140.1					
WLF	e Pn	Z 10:50:24.1	17.7	133.7					
NRDL	e Pn	N 10:50:36.3	18.3	148.2					
BUG	e Pn	Z 10:50:33.6	18.5	139.9					
IBBN	e Pn	Z 10:50:39.3	19.0	142.5					
BSEG	e P	Z 10:50:46.8	19.5	150.8					

Date Origin Time Lat Long Depth mb Ms ML Source
2008/02/26 14:54: 9.0 36.100N 21.900E 38.0 4.1 ML NEIC
Southern Greece

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
GRA1 e P Z 14:57:50.2 15.6 146.3 1.7 28 4.1

Date Origin Time Lat Long Depth mb Ms ML Source

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2008/02/26 16:10:50.4
Central Mediterranean Sea

36.680N 20.609E 10.0G 4.7 4.3 SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RJOB	e P	Z 16:13:48.1	12.5	149.7	1.1	12			
	e S	E 16:16:10.1							
GEC2	e P	Z 16:13:56.6	13.2	154.9					
WET	e P	Z 16:14:05.2	13.7	152.8					
ROTZ	e P	Z 16:14:14.9	14.4	151.9					
MANZ	e P	Z 16:14:15.7	14.7	152.0					
GRA1	e P	Z 16:14:18.5	14.7	148.9	1.5	142			
	e L	Z 16:21:46.9			20.9	2539		4.3	
TANN	e P	Z 16:14:19.4	14.9	153.8					
BRG	e P	Z 16:14:19.7	15.0	158.9					
MOX	e P	Z 16:14:26.4	15.4	151.8					
CLL	e P	Z 16:14:28.4	15.6	156.7					
UBBA	e P	Z 16:14:35.2	16.0	147.7					
TNS	e P	Z 16:14:36.3	16.1	142.5					
NRDL	e P	Z 16:14:50.4	17.5	150.8					
BUG	e P	Z 16:14:55.4	17.5	142.1					
BSEG	e P	Z 16:15:04.7	18.7	153.4	1.7	94	4.7		

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/26 17:50:18.5 30.543N 99.131E 30.3 5.2
 Sichuan, China SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 18:00:48.0	63.9	72.9	0.9	6	4.9		
CLL	e P	Z 18:00:50.9	64.3	72.4	0.9	7	4.9		
GEC2	e P	Z 18:00:53.6	64.7	71.8	1.3	11	5.0		
BSEG	e P	Z 18:00:55.8	65.1	71.7	1.1	23	5.3		
WET	e P	Z 18:00:56.6	65.1	71.4	1.1	8	4.9		
ROTZ	e P	Z 18:00:57.8	65.3	71.2	1.1	16	5.2		
CLZ	e P	Z 18:01:00.6	65.7	70.8	1.0	17	5.3		
GRA1	e P	Z 18:01:01.6	65.9	70.5	0.8	18	5.4		
	e pP	Z 18:01:10.1							
STU	e P	Z 18:01:11.8	67.5	68.8	1.0	21	5.3		
BFO	e P	Z 18:01:15.9	68.2	68.1	1.3	19	5.2		
WLF	e P	Z 18:01:21.3	69.0	67.1	1.2	58	5.7		

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/26 18:18:35.0 5.480S 97.810E 33.0N 5.5 5.5
 Southwest of Sumatera, Indonesia SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
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GEC2	e P	Z	18:31:32.7	90.3	98.0	2.2	153	5.8
	e S	T	18:42:24.6					
BRG	e P	Z	18:31:33.0	90.4	98.2	1.4	25	5.3
	e S	T	18:42:25.6					
RJOB	e P	Z	18:31:34.6	90.7	97.4	2.2	77	5.6
WET	e P	Z	18:31:35.3	90.8	97.4	1.7	52	5.6
	e S	T	18:42:28.8					
CLL	e P	Z	18:31:35.4	91.0	97.5	1.4	16	5.2
	e S	T	18:42:30.9					
TANN	e P	Z	18:31:36.7	91.3	97.1	2.5	102	5.7
	e S	T	18:42:35.1					
ROTZ	e P	Z	18:31:38.1	91.4	96.9	1.5	22	5.3
	e S	T	18:42:35.1					
MANZ	e P	Z	18:31:38.3	91.4	96.8	1.5	39	5.5
	e S	T	18:42:36.2					
MOX	e P	Z	18:31:39.7	91.8	96.4	3.1	137	5.8
	e S	T	18:42:37.2					
GRA1	e P	Z	18:31:40.8	92.0	96.1			
	e S	T	18:42:39.3					
	e L	Z	19:22:58.9			21.0	1919	5.5
NRDL	e P	Z	18:31:44.9	93.0	95.2			
STU	e S	T	18:42:52.0	93.2	94.7			
BFO	e S	T	18:42:53.0	93.7	94.0			
TNS	e S	T	18:42:54.1	93.8	94.0			
BUG	e S	T	18:43:01.4	94.6	93.0			

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/26 23:58:31.2 52.621N 169.905W 44.0 4.9
 Fox Islands, Aleutian Islands, United States SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e P	Z	00:10:11.4	75.5	0.2	1.1	20	5.1		
CLL	e P	Z	00:10:13.8	76.0	1.8	0.9	6	4.8		
BRG	e P	Z	00:10:16.3	76.5	2.4	1.1	11	4.9		
MOX	e P	Z	00:10:17.6	76.7	0.9	1.0	9	4.9		
MANZ	e P	Z	00:10:21.0	77.4	1.3	1.3	10	4.8		
GRA1	e P	Z	00:10:23.4	77.7	0.7	1.4	38	5.3		
	e pP	Z	00:10:36.0							
WET	e P	Z	00:10:26.4	78.2	1.7	1.4	14	4.8		
GEC2	e P	Z	00:10:27.5	78.5	2.2	1.2	9	4.7		
BFO	e P	Z	00:10:30.4	79.0	358.9	1.4	20	4.8		
FUR	e P	Z	00:10:32.1	79.2	0.7	1.8	54	5.2		
RJOB	e P	Z	00:10:33.7	79.6	1.7	1.0	9	4.6		

Date Origin Time Lat Long Depth mb Ms ML Source

2008/02/27 00:56:48.9
United Kingdom

53.514N

0.028W

10.0G

5.3

SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
HLG	e Pn	Z	00:57:59.1	4.7	265.1					5.2
	e Sn	N	00:58:50.7							
IBBN	e Pn	Z	00:58:01.1	4.8	287.5					5.5
	e Sn	E	00:58:52.7							
BUG	e Pn	Z	00:58:01.5	4.9	297.9					
	e Sn	E	00:58:55.0							
WLF	e Pn	Z	00:58:07.5	5.4	317.5					
MUD	e Pn	Z	00:58:17.8	6.0	244.7					
BSEG	e Pn	Z	00:58:18.1	6.1	270.2					
	e Sn	N	00:59:24.5							
TNS	e Pn	Z	00:58:18.9	6.2	305.5					
CLZ	e Pn	Z	00:58:24.4	6.5	289.0					
	e Sn	N	00:59:32.3							
BFO	e Pn	Z	00:58:33.9	7.4	317.7					
STU	e Pn	Z	00:58:36.2	7.5	312.9					
COP	e Pn	Z	00:58:38.5	7.5	258.4					
	e Sn	N	00:59:55.5							
MOX	e Pn	Z	00:58:40.7	7.7	296.4					
	e Sn	N	01:00:03.9							
RGN	e Pn	Z	00:58:43.2	7.9	267.9					
GRA1	e Pn	Z	00:58:43.8	8.0	303.0					
	e Sn	E	01:00:07.7							
WERD	e Pn	Z	00:58:47.2	8.2	296.8					
GUNZ	e Pn	Z	00:58:48.1	8.2	297.3					
CLL	e Pn	Z	00:58:47.4	8.2	290.6					
TANN	e Pn	Z	00:58:48.6	8.3	296.8					
MANZ	e Pn	Z	00:58:48.4	8.3	299.8					
WERN	e Pn	Z	00:58:48.8	8.3	297.7					
ROTZ	e Pn	Z	00:58:50.5	8.5	301.0					
BSD	e Pn	Z	00:58:55.6	8.8	265.7					
FUR	e Pn	Z	00:58:56.9	8.9	311.2					
BRG	e Pn	Z	00:58:57.6	8.9	292.6					
WET	e Pn	Z	00:58:59.6	9.2	303.4					
RJOB	e Pn	Z	00:59:11.7	10.0	310.2					

Date Origin Time Lat Long Depth mb Ms ML Source
2008/02/27 04:54:27.3 34.600S 178.900W 42.0
South of Kermadec Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPab	Z	05:14:59.6	159.6	22.2					
NRDL	e PKPab	Z	05:15:05.4	161.0	23.3					
CLL	e PKPab	Z	05:15:06.1	161.2	31.8					

BRG	e	PKPab	Z	05:15:06.8	161.3	34.7
CLZ	e	PKPab	Z	05:15:07.7	161.5	24.7
IBBN	e	PKPab	Z	05:15:08.8	161.7	17.7
TANN	e	PKPab	Z	05:15:09.0	162.2	31.9
MOX	e	PKPab	Z	05:15:10.7	162.2	29.5
UBBA	e	PKPab	Z	05:15:11.4	162.5	25.1
BUG	e	PKPab	Z	05:15:12.5	162.6	17.2
MANZ	e	PKPab	Z	05:15:12.5	162.6	31.8
ROTZ	e	PKPab	Z	05:15:13.4	162.8	32.4
GRA1	e	PKPab	Z	05:15:14.8	163.2	30.0
TNS	e	PKPab	Z	05:15:15.9	163.5	21.7
RJOB	e	PKPab	Z	05:15:19.5	164.2	37.9
WLF	e	PKPab	Z	05:15:21.2	164.5	15.7
BFO	e	PKPab	Z	05:15:24.1	165.3	24.0

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/27	06:54:24.1	27.150N	142.520E	33.0N	5.9	6.3		SZGRF
Bonin Islands, Japan, region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	07:07:17.2	89.0	41.2	0.9	99	6.2		
	e PP	Z	07:10:48.5							
	e SKSac	R	07:17:44.6							
	e S	T	07:18:00.7							
	e SP	Z	07:19:16.0							
	e SS	T	07:23:52.8							
BRG	e P	Z	07:07:20.6	89.8	44.1	1.0	43	5.6		
	e PP	Z	07:10:54.0							
	e SKSac	R	07:17:49.5							
	e S	T	07:18:07.9							
	e SP	Z	07:19:24.6							
	e SS	T	07:24:03.2							
CLL	e P	Z	07:07:20.8	89.9	43.3	1.1	64	5.8		
	e PP	Z	07:10:54.8							
	e SKSac	R	07:17:48.9							
	e S	T	07:18:08.3							
	e SP	Z	07:19:24.8							
	e SS	T	07:24:03.5							
NRDL	e P	Z	07:07:23.4	90.2	41.1	0.9	30	5.5		
	e PP	Z	07:10:57.5							
	e SKSac	R	07:17:51.6							
	e S	T	07:18:11.2							
	e SP	Z	07:19:28.9							
	e SS	T	07:24:07.7							
CLZ	e P	Z	07:07:24.7	90.6	41.3	0.9	66	5.8		
	e PP	Z	07:11:00.6							
	e SKSac	R	07:17:54.4							

	e S	T	07:18:15.6					
	e SP	Z	07:19:33.7					
	e SS	T	07:24:15.4					
TANN	e P	Z	07:07:25.3	90.8	42.9	2.1	133	5.8
	e PP	Z	07:11:01.7					
	e SKSac	R	07:17:55.5					
	e S	T	07:18:17.8					
	e SP	Z	07:19:34.9					
	e SS	T	07:24:17.8					
MOX	e P	Z	07:07:26.1	91.0	42.3	2.0	138	5.8
	e PP	Z	07:11:03.2					
	e SKSac	R	07:17:56.6					
	e S	T	07:18:19.2					
	e SP	Z	07:19:36.7					
	e SS	T	07:24:20.4					
MANZ	e P	Z	07:07:27.6	91.2	42.7	2.2	158	6.0
	e PP	Z	07:11:05.4					
	e SKSac	R	07:17:59.5					
	e S	T	07:18:22.5					
	e SP	Z	07:19:40.3					
	e SS	T	07:24:25.0					
IBBN	e P	Z	07:07:29.0	91.3	39.2	2.0	280	6.2
	e PP	Z	07:11:05.6					
	e S	T	07:18:20.8					
	e SP	Z	07:19:41.2					
	e SS	T	07:24:22.3					
ROTZ	e P	Z	07:07:28.5	91.3	42.7	1.2	74	5.9
	e PP	Z	07:11:06.8					
	e SKSac	R	07:18:00.0					
	e S	T	07:18:23.8					
	e SP	Z	07:19:41.9					
	e SS	T	07:24:27.5					
GEC2	e P	Z	07:07:27.8	91.3	43.9	1.0	37	5.6
	e PP	Z	07:11:06.1					
	e SKSac	R	07:17:59.5					
	e S	T	07:18:23.4					
	e SP	Z	07:20:04.8					
	e SS	T	07:24:26.8					
UBBA	e P	Z	07:07:28.6	91.5	41.0	1.5	46	5.6
	e PP	Z	07:11:07.5					
	e SKSac	R	07:18:00.2					
	e S	T	07:18:23.7					
	e SP	Z	07:19:44.2					
	e SS	T	07:24:27.8					
WET	e P	Z	07:07:28.9	91.5	43.3	2.0	99	5.8
	e PP	Z	07:11:07.7					
	e SKSac	R	07:18:01.0					
	e S	T	07:18:25.3					
	e SP	Z	07:19:44.8					

	e SS	T	07:24:29.8						
GRA1	e P	Z	07:07:30.6	91.8	42.0	1.0	102	6.1	
	e PP	Z	07:11:10.1						
	e SKSac	R	07:18:03.1						
	e S	T	07:18:27.3						
	e SP	Z	07:19:48.2						
	e SS	T	07:24:32.5						
	e L	Z	07:55:52.0			18.8	11238		6.3
BUG	e P	Z	07:07:31.2	92.1	38.8	1.2	57	5.8	
	e PP	Z	07:11:11.8						
	e SKSac	R	07:18:03.8						
	e S	T	07:18:29.1						
	e SP	Z	07:19:51.6						
	e SS	T	07:24:34.2						
RJOB	e P	Z	07:07:33.8	92.6	43.2	0.9	48	5.8	
	e PP	Z	07:11:16.6						
	e S	T	07:18:33.6						
	e SP	Z	07:19:55.4						
	e SS	T	07:24:46.5						
TNS	e P	Z	07:07:33.9	92.6	39.8	2.1	161	6.0	
	e PP	Z	07:11:16.5						
	e SKSac	R	07:18:07.3						
	e S	T	07:18:35.0						
	e SP	Z	07:19:56.9						
	e SS	T	07:24:45.0						
FUR	e P	Z	07:07:35.6	92.9	42.1	1.1	126	6.2	
	e PP	Z	07:11:19.1						
	e SKSac	R	07:18:07.0						
	e S	T	07:18:36.6						
	e SP	Z	07:19:59.4						
	e SS	T	07:24:50.8						
STU	e P	Z	07:07:37.4	93.4	40.4	1.1	73	6.0	
	e PP	Z	07:11:22.8						
	e SKSac	R	07:18:09.5						
	e S	T	07:18:41.5						
	e SS	T	07:24:56.5						
WLF	e P	Z	07:07:40.5	94.0	38.0	1.3	75	6.0	
	e PP	Z	07:11:27.4						
	e SKSac	R	07:18:14.4						
	e S	T	07:18:46.5						
	e SS	T	07:25:06.8						
BFO	e P	Z	07:07:40.5	94.1	39.8	1.0	56	5.8	
	e PP	Z	07:11:28.3						
	e SKSac	R	07:18:13.1						
	e S	T	07:18:47.6						
	e SS	T	07:25:05.5						

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/27	22:57:10.6	13.589N	121.404E	33.0N	5.3	4.9		SZGRF

Mindoro, Philippine Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	23:10:08.1	90.1	68.0	1.2	16	5.1		
CLL	e P	Z	23:10:09.5	90.5	67.3	1.1	11	5.1		
GEC2	e P	Z	23:10:12.9	91.0	67.8	1.5	22	5.3		
MOX	e P	Z	23:10:16.0	91.5	66.2	1.9	30	5.3		
GRA1	e P	Z	23:10:17.2	92.2	65.9	2.4	143	5.9		
	e L	Z	23:53:59.5			18.0	371		4.9	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/28	04:54:36.8	36.229N	21.814E	10.0G		4.2		NEIC

Southern Greece

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RJOB	e Pn	Z	04:57:46.6	13.3	146.7					
WET	e Pn	Z	04:58:03.8	14.5	149.9					
GRA1	e Pn	Z	04:58:14.9	15.5	146.3	1.6	16			
	e L	Z	05:05:42.7			20.2	1742		4.2	
BRG	e Pn	Z	04:58:19.8	15.7	155.9					
TNS	e Pn	Z	04:58:34.0	17.0	140.3					
BUG	e Pn	Z	04:58:54.1	18.4	140.1					
BSEG	e Pn	Z	04:59:05.5	19.4	151.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/28	09:12:56.7	12.526N	141.790E	20.0G		5.2		NEIC

South of Mariana Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e SP	Z	09:39:56.0	101.8	48.4					
	e SS	R	09:45:46.9							
BRG	e SP	Z	09:40:00.3	102.1	52.0					
	e SS	R	09:45:53.6							
CLL	e SP	Z	09:40:02.4	102.3	51.2					
	e SS	R	09:45:55.1							
TANN	e SP	Z	09:40:12.9	103.1	50.8					
	e SS	R	09:46:08.3							
CLZ	e SP	Z	09:40:13.9	103.2	48.8					
	e SS	R	09:46:07.9							
MOX	e SP	Z	09:40:15.5	103.4	50.1					
	e SS	R	09:46:11.4							
MANZ	e SP	Z	09:40:18.1	103.6	50.6					
	e SS	R	09:46:15.2							

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ROTZ	e SP	Z	09:40:19.7	103.7	50.7				
	e SS	R	09:46:16.7						
WET	e SP	Z	09:40:20.5	103.7	51.4				
	e SS	R	09:46:18.6						
IBBN	e SP	Z	09:40:24.7	104.1	46.4				
GRA1	e SP	Z	09:40:26.1	104.2	49.9				
	e SS	R	09:46:23.8						
	e L	Z	10:15:21.6			21.1	774		5.2
RJOB	e SP	Z	09:40:32.2	104.6	51.6				
BUG	e SP	Z	09:40:33.5	104.9	46.1				
	e SS	R	09:46:30.7						
FUR	e SP	Z	09:40:37.7	105.2	50.3				
	e SS	R	09:46:36.9						
TNS	e SP	Z	09:40:36.6	105.2	47.4				
	e SS	R	09:46:36.9						
STU	e SP	Z	09:40:44.6	105.8	48.3				
	e SS	R	09:46:42.7						
BFO	e SP	Z	09:40:52.7	106.5	47.7				
	e SS	R	09:46:51.7						
WLF	e SP	Z	09:40:54.7	106.6	45.4				
	e SS	R	09:46:58.6						

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/28 11:55: 4.1 49.279N 155.761E 33.0N 5.3 4.5
 Kuril Islands, Russia SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e P	Z	12:06:38.3	74.5	24.2	0.9	26	5.3		
BRG	e P	Z	12:06:39.6	74.7	24.7	1.0	10	4.9		
CLZ	e P	Z	12:06:39.8	74.7	22.6	0.9	27	5.4		
FBE	e P	Z	12:06:40.9	74.8	24.4	0.9	16	5.2		
TANN	e P	Z	12:06:43.9	75.5	23.8	2.6	79	5.4		
MOX	e P	Z	12:06:44.4	75.5	23.2	1.0	19	5.2		
WERD	e P	Z	12:06:44.2	75.5	23.7	1.0	15	5.1		
GUNZ	e P	Z	12:06:45.5	75.6	23.7	0.8	19	5.3		
WERN	e P	Z	12:06:46.0	75.6	23.7	0.7	24	5.4		
BUG	e P	Z	12:06:46.6	75.8	20.6	0.9	22	5.3		
MANZ	e P	Z	12:06:47.7	76.0	23.5	0.9	14	5.1		
ROTZ	e P	Z	12:06:48.9	76.1	23.5	1.0	19	5.2		
GRA1	e P	Z	12:06:50.9	76.5	22.9	0.8	53	5.6		
	e L	Z	12:42:57.7			21.3	280		4.5	
WET	e P	Z	12:06:51.4	76.5	23.9	0.8	29	5.3		
TNS	e P	Z	12:06:51.7	76.6	21.2	0.7	69	5.8		
WLF	e P	Z	12:06:57.7	77.7	19.7	0.8	19	5.2		
STU	e P	Z	12:06:58.2	77.8	21.6	0.7	29	5.4		
RJOB	e P	Z	12:06:58.8	77.8	23.7	1.1	23	5.1		
FUR	e P	Z	12:06:58.8	77.9	22.8	1.2	54	5.5		

BFO e P Z 12:07:01.2 78.4 21.0 0.8 29 5.5

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/28 16:45:33.7 22.591S 169.638E 33.0N
 Southeast of Loyalty Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	17:05:07.7	145.0	34.6					
BRG	e PKPbc	Z	17:05:09.3	146.0	42.8					
CLL	e PKPbc	Z	17:05:09.3	146.1	41.0					
FBE	e PKPbc	Z	17:05:10.3	146.2	41.9					
NEUB	e PKPbc	Z	17:05:11.6	146.6	39.2					
CLZ	e PKPbc	Z	17:05:11.3	146.7	36.5					
TANN	e PKPbc	Z	17:05:12.6	147.0	41.1					
WERD	e PKPbc	Z	17:05:12.6	147.0	40.8					
PLN	e PKPbc	Z	17:05:12.7	147.0	40.5					
GUNZ	e PKPbc	Z	17:05:13.1	147.1	40.9					
NKC	e PKPbc	Z	17:05:13.2	147.1	41.2					
MANZ	e PKPbc	Z	17:05:14.3	147.4	41.0					
ROTZ	e PKPbc	Z	17:05:14.6	147.6	41.3					
WET	e PKPbc	Z	17:05:15.0	147.7	43.0					
GRA1	e PKPbc	Z	17:05:15.5	148.0	39.9					
STU	e PKPbc	Z	17:05:19.9	149.6	37.6					
WLF	e PKPbc	Z	17:05:21.4	150.0	31.6					
BFO	e PKPbc	Z	17:05:21.1	150.3	36.6					

Date Origin Time Lat Long Depth mb Ms ML Source
 2008/02/28 17:58:10.6 54.660N 164.160W 33.0N 4.9
 Unimak Island, Alaska, United States, region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e P	Z	18:09:42.3	73.4	356.7	1.0	16	5.0		
BUG	e P	Z	18:09:43.4	73.7	354.8	1.4	30	5.1		
CLL	e P	Z	18:09:45.2	74.0	358.3	1.1	11	4.8		
FBE	e P	Z	18:09:47.9	74.4	358.5	1.1	19	5.1		
BRG	e P	Z	18:09:48.1	74.5	358.9	1.2	13	4.8		
MOX	e P	Z	18:09:49.2	74.6	357.5	1.2	13	4.8		
TANN	e P	Z	18:09:50.7	74.9	358.0	0.9	3	4.4		
TNS	e P	Z	18:09:50.6	74.9	355.6	1.2	14	4.9		
WERN	e P	Z	18:09:51.0	75.0	357.9	0.9	8	4.8		
WLF	e P	Z	18:09:53.5	75.4	354.2	1.3	24	5.2		
ROTZ	e P	Z	18:09:54.5	75.5	357.8	1.2	12	4.9		
GRA1	e P	Z	18:09:54.9	75.6	357.2	1.2	23	5.2		
WET	e P	Z	18:09:57.9	76.2	358.2	1.3	9	4.7		
BFO	e P	Z	18:10:01.4	76.8	355.5	0.9	6	4.7		

RJOB	e P	Z	18:10:06.0	77.6	358.2	0.8	8	4.9
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Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/29								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 02:57:50.2							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/29	08:18:20.1	3.489N	93.039E	33.0N	5.2	4.8		SZGRF

Off west coast of northern Sumatra, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 08:30:28.3	80.4	95.8	1.7	58	5.2		
BRG	e P	Z 08:30:28.6	80.4	96.3	4.8	402	5.6		
RJOB	e P	Z 08:30:30.4	80.9	94.9	0.8	7	4.7		
WET	e P	Z 08:30:31.3	80.9	95.2	1.7	32	5.1		
TANN	e P	Z 08:30:32.9	81.3	95.1	2.2	44	5.1		
ROTZ	e P	Z 08:30:34.2	81.4	94.8	2.0	36	5.1		
MANZ	e P	Z 08:30:34.9	81.5	94.7	1.9	57	5.4		
GRA1	e P	Z 08:30:37.4	82.0	94.0	0.9	14	5.1		
	e S	T 08:40:53.6							
	e L	Z 09:13:18.0			18.4	427		4.8	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/29	10:13:58.1	54.500N	166.500W	33.0N	4.8			SZGRF

Fox Islands, Aleutian Islands, United States

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 10:25:18.2	71.5	358.1	1.0	20	5.2		
NRDL	e P	Z 10:25:26.3	73.0	357.9	1.1	10	4.8		
CLZ	e P	Z 10:25:30.6	73.6	358.1	1.0	15	5.0		
CLL	e P	Z 10:25:33.4	74.2	359.7	0.9	9	4.8		
BRG	e P	Z 10:25:35.7	74.6	0.3	0.8	5	4.6		
MOX	e P	Z 10:25:37.3	74.8	358.9	0.8	7	4.8		
TNS	e P	Z 10:25:39.4	75.2	357.0	1.2	17	5.0		
ROTZ	e P	Z 10:25:43.1	75.7	359.2	0.9	4	4.5		
GRA1	e P	Z 10:25:43.1	75.8	358.6	1.0	13	5.0		
GEC2	e P	Z 10:25:47.7	76.7	0.1	1.0	4	4.5		
BFO	e P	Z 10:25:49.7	77.1	356.9	0.8	4	4.6		
RJOB	e P	Z 10:25:54.3	77.8	359.6	0.8	8	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/29	15:32:57.6	46.810N	152.540E	33.0N	5.1			SZGRF

Kuril Islands, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 15:44:33.7	74.3	25.8	1.0	13	4.9		
CLL	e P	Z 15:44:42.7	75.9	27.3	0.5	10	5.2		
CLZ	e P	Z 15:44:45.0	76.2	25.6	1.1	14	5.0		
MANZ	e P	Z 15:44:51.1	77.3	26.5	1.9	19	4.9		
ROTZ	e P	Z 15:44:52.4	77.5	26.6					
GRA1	e P	Z 15:44:54.2	77.9	25.9	0.9	15	5.1		
WET	e P	Z 15:44:54.4	77.9	26.9	3.0	124	5.5		
GEC2	e P	Z 15:44:54.0	77.9	27.4	0.6	4	4.8		
TNS	e P	Z 15:44:55.3	78.1	24.2	0.7	11	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/29	15:41:22.0	3.100N	140.300W	26.6				NEIC

North Pacific Ocean

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKPdf	Z 16:00:17.1	121.8	325.9					
	e pPKPdf	Z 16:00:25.1							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2008/02/29	16:58: 5.4	23.328N	122.265E	33.0N	5.0			SZGRF

Taiwan region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
FBE	e P	Z 17:10:27.9	83.1	61.0	0.8	9	5.0		
BSEG	e P	Z 17:10:29.1	83.2	59.1	1.1	18	5.2		
GEC2	e P	Z 17:10:31.4	83.9	61.1	1.0	12	5.1		
WERD	e P	Z 17:10:32.4	83.9	60.2	0.9	4	4.6		
GUNZ	e P	Z 17:10:32.7	84.0	60.2	0.8	8	5.0		
WERN	e P	Z 17:10:32.7	84.0	60.3	0.9	7	4.9		
MOX	e P	Z 17:10:33.7	84.2	59.7					
WET	e P	Z 17:10:33.8	84.3	60.5	1.4	13	5.0		
CLZ	e P	Z 17:10:34.7	84.3	58.9	0.6	9	5.2		
MANZ	e P	Z 17:10:34.4	84.3	60.0	1.0	8	4.9		
ROTZ	e P	Z 17:10:34.8	84.3	60.1	0.9	6	4.9		
GRA1	e P	Z 17:10:37.4	84.9	59.4	0.9	9	5.0		
RJOB	e P	Z 17:10:37.3	85.0	60.3	1.0	12	5.1		
UBBA	e P	Z 17:10:37.4	85.0	58.5	0.7	4	4.8		
FUR	e P	Z 17:10:41.1	85.7	59.3	1.1	50	5.5		
BUG	e P	Z 17:10:42.5	86.1	56.5	0.9	12	5.1		

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