

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

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

AUGUST 2006      UPDATED    20.SEPTEMBER.2007

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
2006/08/01	02:16:22.9	19.490S	174.710W	33.0N				SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e PKPbc	Z 02:36:02.9	147.4	8.9					
CLL	e PKPbc	Z 02:36:03.3	147.6	13.7					
BRG	e PKPbc	Z 02:36:04.4	147.9	15.5					
FBE	e PKPbc	Z 02:36:04.7	147.9	14.4					
BUG	e PKPbc	Z 02:36:04.8	148.0	3.5					
MOX	e PKPbc	Z 02:36:05.6	148.4	11.4					
WERD	e PKPbc	Z 02:36:06.0	148.5	12.7					
WERN	e PKPbc	Z 02:36:06.6	148.7	12.9					
MANZ	e PKPbc	Z 02:36:07.4	149.0	12.6					
TNS	e PKPbc	Z 02:36:08.2	149.2	5.8					
ROTZ	e PKPbc	Z 02:36:08.0	149.2	12.8					
GRA1	e PKPbc	Z 02:36:08.7	149.4	11.0					
GEC2	e PKPbc	Z 02:36:09.7	149.9	15.9					
FUR	e PKPbc	Z 02:36:12.5	150.9	11.7					
BFO	e PKPbc	Z 02:36:12.2	151.1	5.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/01	09:58:17.5	19.750S	172.210W	30.0N		5.2		SZGRF

Tonga Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 10:17:53.1	145.8	4.2					
CLZ	e PKPbc	Z 10:17:59.5	147.8	4.6					
CLL	e PKPbc	Z 10:18:00.1	148.2	9.3					

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BRG	e	PKPbc	Z	10:18:01.0	148.5	11.1						
FBE	e	PKPbc	Z	10:18:01.3	148.5	10.1						
UBBA	e	PKPbc	Z	10:18:03.1	148.9	4.0						
MOX	e	PKPbc	Z	10:18:02.4	149.0	7.0						
WERD	e	PKPbc	Z	10:18:02.7	149.1	8.3						
WERN	e	PKPbc	Z	10:18:03.0	149.2	8.5						
MANZ	e	PKPbc	Z	10:18:04.1	149.6	8.0						
ROTZ	e	PKPbc	Z	10:18:04.5	149.8	8.3						
GRA1	e	PKP	Z	10:18:05.2	149.9	6.5						
	e	L	Z	11:47:24.2			19.0	412			5.2	
WLF	e	PKPbc	Z	10:18:05.3	150.1	356.9						
WET	e	PKPbc	Z	10:18:06.3	150.3	9.7						
GEC2	e	PKPbc	Z	10:18:06.8	150.5	11.4						
BFO	e	PKPbc	Z	10:18:08.3	151.4	1.1						

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/01	10:19:40.2	19.660S	173.140W	32.0N		5.2		SZGRF
Tonga Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPbc	Z	10:39:15.2	145.6	5.8				
CLZ	e	PKPbc	Z	10:39:21.6	147.7	6.2				
CLL	e	PKPbc	Z	10:39:22.1	148.0	11.0				
BRG	e	PKPbc	Z	10:39:23.3	148.3	12.8				
FBE	e	PKPbc	Z	10:39:23.3	148.3	11.7				
UBBA	e	PKPbc	Z	10:39:24.1	148.7	5.7				
MOX	e	PKPbc	Z	10:39:24.5	148.8	8.7				
WERD	e	PKPbc	Z	10:39:24.9	148.9	10.0				
WERN	e	PKPbc	Z	10:39:25.6	149.1	10.1				
MANZ	e	PKPbc	Z	10:39:26.4	149.4	9.7				
TNS	e	PKPbc	Z	10:39:25.9	149.4	2.9				
ROTZ	e	PKPbc	Z	10:39:26.7	149.6	10.0				
GRA1	e	PKPbc	Z	10:39:27.4	149.8	8.2				
	e	L	Z	11:47:24.1			19.0	412		5.2
WLF	e	PKPbc	Z	10:39:28.3	150.0	358.7				
WET	e	PKPbc	Z	10:39:28.0	150.1	11.4				
GEC2	e	PKPbc	Z	10:39:28.0	150.3	13.1				
STU	e	PKPbc	Z	10:39:29.6	150.8	4.5				
BFO	e	PKPbc	Z	10:39:30.3	151.3	2.9				

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/01	12:01:47.3	7.002S	12.083W	33.0G	5.1	4.6		SZGRF
Ascension Island region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
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BFO	e P	Z	12:11:36.6	58.2	204.0	1.6	40	5.2			
TNS	e P	Z	12:11:50.2	59.9	203.7	1.6	37	5.2			
GRA1	e P	Z	12:11:52.5	60.2	206.9	0.8	14	5.0			
	e		12:11:57.9								
	e		12:12:07.0								
	e L	Z	12:38:19.8			18.1	443			4.6	
WET	e P	Z	12:11:52.5	60.2	208.8	1.8	53	5.3			
GEC2	e P	Z	12:11:52.3	60.2	209.8	1.6	39	5.2			
ROTZ	e P	Z	12:11:54.2	60.6	208.0	1.6	39	5.2			
MANZ	e P	Z	12:11:55.4	60.7	207.8	1.4	35	5.0			
UBBA	e P	Z	12:11:57.1	60.9	205.3	1.6	32	4.9			
WERN	e P	Z	12:11:57.7	61.1	208.0	1.8	52	5.1			
MOX	e P	Z	12:11:58.1	61.2	207.1	1.7	36	4.9			
WERD	e P	Z	12:11:58.3	61.2	207.9	1.6	30	4.9			
CLZ	e P	Z	12:12:03.4	61.9	205.5	1.9	33	5.2			
BRG	e P	Z	12:12:03.7	62.1	209.5	1.4	16	5.1			
CLL	e P	Z	12:12:05.1	62.2	208.4	1.3	15	5.1			
BSEG	e P	Z	12:12:16.1	63.8	204.9	1.4	33	5.4			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/01	15:28:20.3	46.353N	152.774E	33.0N	4.6			SZGRF

Kuril Islands, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 15:40:17.7	78.3	26.0	1.1	6	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/01	17:26:25.6	1.513N	97.891E	33.0N	4.8			SZGRF

Northern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 17:39:06.4	86.7	91.6	1.0	9	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/01	20:45:41.0	1.899S	96.933E	33.0N	4.6			SZGRF

Southwest of Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 20:58:31.3	88.7	94.5	1.0	4	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
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2006/08/02 00:46:23.3  
Kermadec Islands region

29.850S 179.420E 33.0G

SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPab	Z	01:06:35.5	154.7	22.5					
	e PP	Z	01:10:11.0							
RUE	e PKPab	Z	01:06:37.1	155.0	30.6					
CLL	e PKPdf	Z	01:06:04.2	156.3	30.4					
	i PKPab	+ Z	01:06:42.3			1.2	102			
	e sPKPab	Z	01:09:12.2							
	e PP	Z	01:10:20.3							
	e sPP	Z	01:12:47.9							
BRG	e PKPab	Z	01:06:42.6	156.3	32.8					
FBE	e PKPab	Z	01:06:43.7	156.5	31.6					
	e PP	Z	01:10:21.6							
CLZ	e PKPab	Z	01:06:44.0	156.6	24.5					
	e PP	Z	01:10:22.8							
WERD	e PKPab	Z	01:06:46.9	157.2	30.0					
MOX	e PKPab	Z	01:06:47.1	157.3	28.3					
	e PP	Z	01:10:26.4							
GUNZ	e PKPab	Z	01:06:47.4	157.3	30.2					
WERN	e PKPab	Z	01:06:47.7	157.4	30.3					
UBBA	e PKPab	Z	01:06:48.1	157.6	24.7					
	e PP	Z	01:10:27.6							
BUG	e PKPab	Z	01:06:47.9	157.6	18.1					
	e PP	Z	01:10:28.3							
MANZ	e PKPab	Z	01:06:49.2	157.7	30.1					
ROTZ	e PKPab	Z	01:06:50.1	157.9	30.6					
	e PP	Z	01:10:29.4							
GEC2	e PKPab	Z	01:06:50.2	158.1	35.0					
WET	e PKPab	Z	01:06:51.0	158.2	32.9					
	e PP	Z	01:10:31.3							
GRA1	e PKPab	Z	01:06:51.8	158.2	28.6					
	e PP	Z	01:10:32.1							
TNS	e PKPab	Z	01:06:52.3	158.5	21.8					
WLF	e PKPab	Z	01:06:57.1	159.5	16.9					
FUR	e PKPab	Z	01:06:57.2	159.6	30.7					
STU	e PKPab	Z	01:06:57.6	159.7	25.1					
BFO	e PKPab	Z	01:07:00.1	160.3	23.5					

Date Origin Time Lat Long Depth mb Ms ML Source  
2006/08/02 02:10:14.0 33.762N 80.238E 33.0N 4.6  
Xizang SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	02:19:20.0	51.9	80.3	1.2	9	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/02	10:41:52.6	17.760N	96.120E	33.0N	5.1			SZGRF

Myanmar

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	10:53:11.4	71.4	84.4	0.9	14	5.1		
FBE	e P	Z	10:53:13.8	71.8	84.0	1.0	23	5.3		
GEC2	e P	Z	10:53:13.8	71.8	83.6	0.9	17	5.2		
CLL	e P	Z	10:53:14.3	72.0	83.9	1.0	13	5.0		
WET	e P	Z	10:53:16.9	72.3	83.1	1.0	13	5.0		
TANN	e P	Z	10:53:17.4	72.4	83.2	1.1	13	5.0		
WERN	e P	Z	10:53:18.0	72.5	83.1	1.0	9	4.8		
GUNZ	e P	Z	10:53:18.1	72.5	83.1	1.1	20	5.1		
WERD	e P	Z	10:53:17.8	72.5	83.1	1.0	13	5.0		
ROTZ	e P	Z	10:53:19.2	72.7	82.8	1.1	29	5.3		
MANZ	e P	Z	10:53:19.8	72.7	82.8	1.4	27	5.2		
MOX	e P	Z	10:53:20.4	72.9	82.6	1.0	12	5.0		
BSEG	e P	Z	10:53:22.8	73.3	82.6	0.9	15	5.1		
GRA1	e P	Z	10:53:23.4	73.3	82.0	1.3	21	5.1		
CLZ	e P	Z	10:53:24.2	73.5	82.0	1.3	27	5.1		
UBBA	e P	Z	10:53:26.2	73.9	81.5	1.4	12	4.7		
TNS	e P	Z	10:53:32.9	75.0	80.1	1.1	17	5.0		
BFO	e P	Z	10:53:34.3	75.4	79.6	1.0	8	4.8		
BUG	e P	Z	10:53:35.8	75.5	79.6	0.6	18	5.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/02	13:11:51.0	7.660N	92.700E	19.4	5.1			SZGRF

Nicobar Islands, India, region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	13:23:43.0	77.0	93.9	1.4	26	5.2		
GEC2	e P	Z	13:23:43.1	77.0	93.2	1.0	14	5.0		
FBE	e P	Z	13:23:44.8	77.4	93.4	1.0	28	5.3		
WET	e P	Z	13:23:46.1	77.6	92.7	1.8	29	5.1		
CLL	e P	Z	13:23:45.8	77.6	93.2	1.2	16	5.0		
TANN	e P	Z	13:23:48.0	77.9	92.6	1.2	13	4.9		
WERN	e P	Z	13:23:47.7	77.9	92.5	1.1	11	4.9		
GUNZ	e P	Z	13:23:48.7	78.0	92.5	1.0	15	5.1		
WERD	e P	Z	13:23:48.3	78.0	92.5	1.0	10	4.9		
ROTZ	e P	Z	13:23:49.1	78.0	92.3	1.1	23	5.2		
MANZ	e P	Z	13:23:50.0	78.1	92.2	1.1	26	5.3		
MOX	e P	Z	13:23:51.0	78.4	92.0	1.4	20	5.0		
GRA1	e P	Z	13:23:52.9	78.7	91.5	1.2	37	5.3		
	e pP	Z	13:23:58.4							
CLZ	e P	Z	13:23:55.5	79.2	91.3	1.0	22	5.1		

BSEG	e P	Z	13:23:56.0	79.3	91.6	1.4	41	5.3
TNS	e P	Z	13:24:02.3	80.4	89.5	1.2	15	4.8
BFO	e P	Z	13:24:02.0	80.5	89.1	1.4	20	5.0

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/02	14:45:20.1	11.010S	112.980E	33.0N		5.4		SZGRF
South of Jawa, Indonesia								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e Pdiff	Z	14:59:20.2	104.2	90.1					
	e PP	Z	15:03:39.6							
GEC2	e Pdiff	Z	14:59:20.9	104.4	90.4					
	e PP	Z	15:03:40.9							
CLL	e Pdiff	Z	14:59:20.7	104.8	89.2					
	e PKiKP	Z	15:03:30.3							
	e PP	Z	15:03:45.6							
	e PPP	Z	15:06:04.5							
	e PPPP	Z	15:07:45.3							
	e SKSac	E	15:10:00.1							
	e Sdiff	N	15:11:20.0							
	e SP	Z	15:13:02.3							
	e PKKPbc	Z	15:14:48.0							
	e PKKPab	Z	15:15:03.0							
	e SS	E	15:18:55.1							
	e SKKSdf	E	15:22:17.5							
	e SSS	N	15:23:03.9							
	e L	Z	15:55:22.4				22.0	810		
WET	e Pdiff	Z	14:59:24.0	104.9	89.7					
	e PP	Z	15:03:44.8							
TANN	e Pdiff	Z	14:59:25.2	105.2	89.0					
	e PP	Z	15:03:46.8							
ROTZ	e Pdiff	Z	14:59:26.3	105.3	89.0					
	e PP	Z	15:03:48.4							
MANZ	e Pdiff	Z	14:59:26.3	105.4	88.9					
	e PP	Z	15:03:48.8							
MOX	e Pdiff	Z	14:59:27.7	105.7	88.3					
	e PP	Z	15:03:50.5							
	e PPP	Z	15:06:17.8							
GRA1	e Pdiff	Z	14:59:28.7	106.0	88.3					
	e PP	Z	15:03:52.5							
	e PPP	Z	15:06:09.2							
	e SP	Z	15:13:14.9							
	e L	Z	15:57:19.4				20.2	1013	5.4	
FUR	e Pdiff	Z	14:59:28.4	106.0	88.7					
	e PP	Z	15:03:52.5							
BSEG	e Pdiff	Z	14:59:28.9	106.3	86.3					
	e PP	Z	15:03:55.0							

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	e PPP	Z	15:06:22.6		
CLZ	e Pdiff	Z	14:59:30.0	106.4	87.0
	e PP	Z	15:03:55.3		
UBBA	e Pdiff	Z	14:59:31.2	106.7	87.0
	e PP	Z	15:03:57.3		
STU	e Pdiff	Z	14:59:34.8	107.3	87.0
	e PP	Z	15:04:00.8		
TNS	e Pdiff	Z	14:59:36.9	107.7	86.0
	e PP	Z	15:04:03.2		
BFO	e Pdiff	Z	14:59:38.0	107.9	86.5
	e PP	Z	15:04:04.6		
IBBN	e Pdiff	Z	14:59:36.7	108.0	84.7
	e PP	Z	15:04:05.0		
	e PPP	Z	15:06:39.0		
BUG	e Pdiff	Z	14:59:39.3	108.4	84.6
	e PP	Z	15:04:08.0		
WLF	e Pdiff	Z	14:59:43.9	109.2	84.3

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/02	17:35:14.9	17.030S	174.670W	182.5				SZGRF
Tonga Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e PKPbc	Z 17:54:29.6	145.0	8.4					
CLL	e PKPbc	Z 17:54:29.5	145.2	12.9					
MOX	e PKPbc	Z 17:54:32.3	146.0	10.8					
WERD	e PKPbc	Z 17:54:32.3	146.1	12.0					
TANN	e PKPbc	Z 17:54:32.7	146.1	12.3					
GUNZ	e PKPbc	Z 17:54:32.9	146.2	12.1					
WERN	e PKPbc	Z 17:54:33.4	146.3	12.2					
MANZ	e PKPbc	Z 17:54:34.3	146.6	11.8					
TNS	e PKPbc	Z 17:54:34.3	146.7	5.4					
ROTZ	e PKPbc	Z 17:54:35.2	146.8	12.1					
GRA1	e PKPbc	Z 17:54:36.0	147.0	10.4					
	e pPKPbc	Z 17:55:22.9							
WET	e PKPbc	Z 17:54:36.1	147.3	13.4					
WLF	e PKPbc	Z 17:54:36.0	147.4	1.5					
GEC2	e PKPbc	Z 17:54:36.6	147.5	15.0					
BFO	e PKPbc	Z 17:54:40.1	148.6	5.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/02	18:13:57.6	2.810N	95.390E	48.8	5.0			SZGRF
Off west coast of northern Sumatra, Indonesia								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
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GEC2	e P	Z	18:26:14.6	82.4	94.4	1.1	16	5.1
BRG	e P	Z	18:26:14.6	82.4	94.9	0.9	10	4.9
FBE	e P	Z	18:26:16.9	82.8	94.4	0.8	12	5.2
WET	e P	Z	18:26:17.6	83.0	93.8	0.9	8	4.9
GUNZ	e P	Z	18:26:19.4	83.4	93.6	1.2	7	4.7
WERD	e P	Z	18:26:19.7	83.4	93.6	0.8	4	4.6
ROTZ	e P	Z	18:26:20.2	83.5	93.4	0.9	8	5.0
MANZ	e P	Z	18:26:20.2	83.5	93.3	1.1	12	5.0
MOX	e P	Z	18:26:22.1	83.9	93.0	1.3	9	4.9
GRA1	e P	Z	18:26:23.5	84.1	92.6	0.9	14	5.2
	e pP	Z	18:26:37.7					
CLZ	e P	Z	18:26:26.5	84.7	92.2	1.3	20	5.2
BSEG	e P	Z	18:26:27.0	84.8	92.3	1.1	17	5.2
BFO	e P	Z	18:26:32.5	85.9	90.3	0.8	8	4.9
BUG	e P	Z	18:26:33.6	86.6	89.7			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/02								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	N 20:53:32.3							
WET	e Pn	Z 20:53:39.7							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/02	23:44:23.8	5.500S	152.500E	32.0N				NEIC
New Britain, Papua New Guinea, region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKPdf	Z 00:03:21.4	125.1	49.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/03	00:29:30.2	18.650S	179.050W	586.2				SZGRF
Fiji Islands region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPbc	Z 00:48:05.2	146.0	20.7					
CLZ	e PKPbc	Z 00:48:05.6	146.0	16.1					
BRG	e PKPbc	Z 00:48:06.0	146.2	22.5					
FBE	e PKPbc	Z 00:48:06.5	146.3	21.5					
MOX	e PKPbc	Z 00:48:07.8	146.9	18.7					
TANN	e PKPbc	Z 00:48:08.1	146.9	20.3					
WERD	e PKPbc	Z 00:48:07.9	146.9	20.0					
GUNZ	e PKPbc	Z 00:48:08.3	147.0	20.1					

WERN	e	PKPbc	Z	00:48:08.6	147.1	20.2
MANZ	e	PKPbc	Z	00:48:09.5	147.4	19.9
ROTZ	e	PKPbc	Z	00:48:10.0	147.6	20.2
TNS	e	PKPbc	Z	00:48:10.4	147.9	13.4
GRA1	e	PKPbc	Z	00:48:10.8	147.9	18.5
	e	pPKPbc	Z	00:50:24.8		
WET	e	PKPbc	Z	00:48:11.0	148.0	21.7
GEC2	e	PKPbc	Z	00:48:11.0	148.1	23.3
WLF	e	PKPbc	Z	00:48:13.1	148.7	9.5
BFO	e	PKPbc	Z	00:48:14.9	149.7	14.0
	e	pPKPab	Z	00:50:28.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/03	09:51:41.1	36.395N	72.098E	33.0N	4.5			SZGRF
Afghanistan-Tajikistan border region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 09:59:54.4	45.1	83.1	0.7	5	4.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/03	12:09:33.3	20.874S	33.562E	33.0N	4.7			SZGRF
Mozambique								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 12:21:01.9	73.3	158.2	1.0	6	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/04	03:13:54.8	22.000S	176.500W	33.0N				SZGRF
South of Fiji Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e	PKPbc	Z	03:33:41.5	149.8	17.7			
BRG	e	PKPbc	Z	03:33:42.0	150.0	19.6			
FBE	e	PKPbc	Z	03:33:41.3	150.1	18.5			
NEUB	e	PKPbc	Z	03:33:42.6	150.1	15.5			
MOX	e	PKPbc	Z	03:33:44.1	150.7	15.5			
WERD	e	PKPbc	Z	03:33:43.9	150.7	16.9			
TANN	e	PKPbc	Z	03:33:44.1	150.7	17.2			
GUNZ	e	PKPbc	Z	03:33:43.5	150.8	17.0			
MANZ	e	PKPbc	Z	03:33:44.4	151.2	16.7			
ROTZ	e	PKPbc	Z	03:33:44.5	151.4	17.0			
WET	e	PKPbc	Z	03:33:47.3	151.9	18.7			
GEC2	e	PKPbc	Z	03:33:46.9	152.0	20.4			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/04	07:45:46.5	51.120N	170.950E	42.6	5.2	4.6		SZGRF
Near Islands, Aleutian Islands, United States								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 07:57:17.9	73.7	12.5					
CLZ	e P	Z 07:57:29.9	75.7	12.4	2.0	72	5.4		
CLL	e P	Z 07:57:30.2	75.9	14.1					
BRG	e P	Z 07:57:31.9	76.2	14.6	1.4	29	5.1		
FBE	e P	Z 07:57:32.3	76.2	14.3	1.5	48	5.3		
	e pP	Z 07:57:44.9							
MOX	e P	Z 07:57:35.4	76.7	13.2	2.0	57	5.3		
UBBA	e P	Z 07:57:35.6	76.8	12.1	2.2	60	5.2		
WERD	e P	Z 07:57:36.1	76.8	13.6	1.7	38	5.2		
TANN	e P	Z 07:57:36.3	76.8	13.7	1.7	32	5.1		
GUNZ	e P	Z 07:57:36.7	76.9	13.6	1.9	69	5.4		
MANZ	e P	Z 07:57:38.9	77.3	13.4	1.1	10	4.8		
ROTZ	e P	Z 07:57:40.3	77.5	13.5	1.6	36	5.2		
GRA1	e P	Z 07:57:41.6	77.7	12.9					
	e pP	Z 07:57:54.3							
	e sP	Z 07:57:57.7							
	e S	T 08:07:33.2							
	e L	Z 08:40:46.7			20.8	279		4.6	
WET	e P	Z 07:57:43.1	78.0	13.9	1.7	49	5.4		
GEC2	e P	Z 07:57:43.8	78.2	14.4	1.6	43	5.3		
WLF	e P	Z 07:57:45.1	78.4	9.7					
BFO	e P	Z 07:57:50.5	79.4	11.0	1.8	47	5.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/04	13:41:41.7	9.990N	70.950W	18.0	5.1	4.4		SZGRF
Venezuela								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z 13:53:15.1	74.1	266.7	1.0	35	5.3		
BUG	e P	Z 13:53:19.9	74.9	267.1	0.9	23	5.2		
BFO	e P	Z 13:53:23.1	75.4	268.7	0.9	11	4.9		
TNS	e P	Z 13:53:23.8	75.6	268.3	0.9	27	5.4		
BSEG	e P	Z 13:53:30.7	76.8	268.9	1.0	27	5.3		
CLZ	e P	Z 13:53:31.1	76.8	269.4	1.0	15	5.1		
GRA1	e P	Z 13:53:33.8	77.3	270.6					
	e L	Z 14:21:51.9			21.5	187		4.4	
MOX	e P	Z 13:53:34.9	77.6	270.7	0.8	5	4.7		
MANZ	e P	Z 13:53:37.5	77.9	271.2	1.0	37	5.5		
	e pP	Z 13:53:42.8							

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ROTZ	e P	Z	13:53:37.4	78.0	271.3	1.1	10	4.8
WERD	e P	Z	13:53:37.1	78.0	271.2	0.9	15	5.1
	e pP	Z	13:53:43.0					
GUNZ	e P	Z	13:53:38.2	78.0	271.3	1.0	11	4.9
TANN	e P	Z	13:53:38.6	78.1	271.4	1.1	20	5.2
WET	e P	Z	13:53:39.9	78.4	272.0	1.1	11	4.9
CLL	e P	Z	13:53:40.0	78.4	271.6	1.1	18	5.0
	e pP	Z	13:53:44.5					
FBE	e P	Z	13:53:41.5	78.7	272.0	1.1	22	5.1
GEC2	e P	Z	13:53:42.9	79.0	272.6	1.0	25	5.2
BRG	e P	Z	13:53:43.5	79.1	272.4	0.9	13	5.0
	e pP	Z	13:53:48.4					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/04	18:20:47.3	15.500N	119.900E	33.0N	4.7			EMSC
Luzon, Philippine Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 18:33:43.3	89.8	65.9	1.1	6	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/05	08:09: 4.5	39.027N	42.125E	33.0N	4.0			SZGRF
Turkey								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 08:14:19.4	24.3	104.2	0.8	4	4.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/05	14:03:44.3	32.833S	68.589W	33.0N		5.3		GSRC
Mendoza Province, Argentina								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e Pdiff	Z 14:18:12.0	108.5	240.7					
	e PP	Z 14:22:42.2							
	e SP	Z 14:31:56.2							
	e L	Z 15:09:40.9			18.7	876		5.3	
CLL	e Pdiff	Z 14:18:13.9	110.0	242.4					
	e PKiKP	Z 14:22:14.1							
	e PP	Z 14:22:47.8							
	e pPP	Z 14:22:55.1							
	e PS	E 14:32:21.2							
	e PKKpab	Z 14:33:25.6							
	e SS	N 14:38:22.4							

e SSS	N	14:42:22.0									
e L	Z	15:05:10.2			22.0		1315			5.5	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/06	07:49:44.7	40.280N	19.849E	10.0G		3.8		GSRC

Albania

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z 07:52:05.1	9.6	150.7					
WET	e Pn	Z 07:52:11.9	10.1	148.3					
GRA1	e L	Z 07:57:52.4	11.2	143.9	20.9	1255		3.8	
BRG	e Pn	Z 07:52:29.4	11.4	156.5					
GUNZ	e Pn	Z 07:52:29.6	11.4	149.6					
WERD	e Pn	Z 07:52:31.1	11.5	149.7					
BFO	e Pn	Z 07:52:29.6	11.5	130.2					
MOX	e Pn	Z 07:52:34.8	11.8	147.9					
TNS	e Pn	Z 07:52:48.1	12.7	136.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/06	09:23:27.6	17.665N	61.928W	46.7	4.5			SZGRF

Leeward Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 09:34:07.9	65.8	269.1	1.4	4	4.5		
	e pP	Z 09:34:21.0							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/06	14:26:21.1	38.490N	76.050E	33.0N	5.3	5.2		SZGRF

Southern Xinjiang, China

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 14:34:30.1	44.4	81.1	0.8	35	5.2		
FBE	e P	Z 14:34:33.0	44.8	80.7	0.7	54	5.6		
CLL	i P	Z 14:34:34.4	45.1	80.9	0.8	38	5.4		
	e PP	Z 14:36:22.4							
	e S	N 14:41:14.1							
	e SS	E 14:44:37.5							
	e LR	Z 14:48:42.0							
	e L	Z 14:54:02.0			20.0	3521		5.3	
WET	e P	Z 14:34:37.9	45.4	78.7	1.5	42	5.1		
TANN	e P	Z 14:34:38.3	45.5	79.6	1.3	26	5.0		
GUNZ	e P	Z 14:34:39.1	45.5	79.5	1.1	24	5.1		
ROTZ	e P	Z 14:34:41.0	45.7	78.8	1.2	26	5.1		

	e S	T	14:41:24.1							
MANZ	e P	Z	14:34:41.2	45.8	79.0	0.9	18	5.1		
	e S	T	14:41:24.9							
MOX	e P	Z	14:34:42.4	45.9	79.3	1.0	26	5.2		
GRA1	e P	Z	14:34:46.0	46.4	78.1	1.1	49	5.4		
	e S	T	14:41:33.1							
	e L	Z	14:54:59.2			19.1	2668		5.2	
FUR	e P	Z	14:34:48.0	46.7	76.8	0.9	75	5.8		
	e S	T	14:41:37.3							
TNS	e P	Z	14:34:58.3	48.0	76.9	1.2	19	5.1		
BUG	e P	Z	14:35:02.2	48.5	77.2	1.3	48	5.5		
	e S	T	14:42:02.2							
BFO	e P	Z	14:35:01.8	48.5	75.1	1.5	37	5.3		
WLF	e P	Z	14:35:10.7	49.6	74.9	0.9	34	5.3		

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/06 18:16:48.7 28.190N 143.380E 26.1 6.2 5.6 SZGRF  
 Bonin Islands, Japan, region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z	18:29:39.6	88.1	42.8	1.4	242	6.3		
BSEG	e P	Z	18:29:41.0	88.4	40.1	1.1	188	6.2		
BRG	e P	Z	18:29:44.6	89.2	42.9	1.2	100	5.9		
CLL	i P	- Z	18:29:44.8	89.6	42.3	1.5	231	6.3		
	e pP	Z	18:29:53.1							
	e PP	Z	18:33:24.4							
	e PPPP	Z	18:36:59.1							
	e SKSac	E	18:40:24.6							
	e S	N	18:40:44.0							
	e PS	N	18:41:59.3							
	e PPS	E	18:42:33.1							
	e SS	E	18:46:57.0							
	e PKKpbc	Z	18:47:05.0							
	e SSSS	E	18:53:54.3							
	e PKPPKpdf	Z	18:55:18.0							
	e L	Z	19:11:54.4			18.0	2907		5.8	
FBE	e P	Z	18:29:45.8	89.5	42.5	1.4	256	6.3		
TANN	e P	Z	18:29:49.3	90.2	41.8	2.0	181	6.1		
WERD	e P	Z	18:29:49.4	90.3	41.6	1.5	118	6.0		
	e pP	Z	18:29:56.8							
GUNZ	e P	Z	18:29:49.8	90.3	41.7	1.8	277	6.3		
GTTG	e P	Z	18:29:50.0	90.4	39.8	1.6	70	5.7		
MOX	e P	Z	18:29:50.0	90.4	41.1	1.7	176	6.1		
IBBN	e P	Z	18:29:51.3	90.7	38.1	1.3	241	6.4		
MANZ	e P	Z	18:29:51.7	90.7	41.5	1.7	156	6.1		
ROTZ	e P	Z	18:29:52.5	90.8	41.6	1.5	252	6.3		
GEC2	e P	Z	18:29:51.8	90.8	42.7	1.9	207	6.1		

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UBBA	e P	Z	18:29:52.4	90.9	39.8	1.8	129	6.0
WET	e P	Z	18:29:52.9	91.0	42.1	2.2	245	6.2
GRA3	e PKKP	Z	18:46:59.5	91.2	40.9			
	e pPKKP	Z	18:47:06.9					
GRA1	e P	Z	18:29:54.6	91.3	40.8	1.6	343	6.4
	e pP	Z	18:30:02.1					
	e L	Z	19:18:41.0			19.0	2194	5.6
BUG	e P	Z	18:29:55.1	91.5	37.7	1.3	113	6.0
TNS	e P	Z	18:29:57.7	92.0	38.6	1.8	138	6.0
FUR	e P	Z	18:29:59.5	92.4	40.9	1.6	347	6.5
STU	e P	Z	18:30:01.3	92.8	39.3	1.6	232	6.4
	e pP	Z	18:30:09.0					
WLF	e P	Z	18:30:04.3	93.4	36.8	1.6	224	6.3
BFO	e P	Z	18:30:04.3	93.5	38.6	1.7	185	6.1
	e pP	Z	18:30:12.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/06	19:33:34.1	42.179N	15.722E	10.0G			4.2	SZGRF

Adriatic Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
OBKA	e Pn	Z	19:34:41.6	4.4	168.6					4.2
ARSA	e Pn	Z	19:34:50.7	5.1	178.3					
MOA	e Pn	Z	19:35:00.3	5.8	169.2					
	e Sn	E	19:36:04.8							
WTTA	e Pn	Z	19:35:00.6	5.9	148.8					
DAVA	e Pn	Z	19:35:10.6	6.6	138.8					
	e Sn	N	19:36:23.6							
GEC2	e Pn	Z	19:35:13.6	6.8	167.3					
	e Sn	N	19:36:28.4							
WET	e Pn	Z	19:35:18.1	7.2	163.0					
ROTZ	e Pn	Z	19:35:28.3	8.0	160.9					
	e Sn	N	19:36:53.8							
MANZ	e Pn	Z	19:35:30.9	8.2	160.9					
TANN	e Sn	N	19:37:07.9	8.5	163.5					
MOX	e Pn	Z	19:35:40.1	8.9	160.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/06	19:28:19.7	22.200S	176.400W	46.0N				NEIC

South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z	19:48:19.5	151.9	15.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/06								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 21:12:45.3							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/07								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 01:11:58.5							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/07								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z 05:00:57.0							
	e Sn	E 05:01:41.4							
WET	e Pn	Z 05:01:02.6							
	e Sn	E 05:01:52.2							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/07	10:59:38.7	34.185N	3.941E	10.0G	4.6	3.6		SZGRF
Northern Algeria								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e Pn	Z 11:03:00.8	14.5	194.6					
FUR	e Pn	Z 11:03:09.6	15.0	204.1					
GEC2	e P	Z 11:03:25.5	16.3	209.9	1.3	51	4.5		
WET	e P	Z 11:03:25.6	16.4	207.2	1.7	116	4.7		
TNS	e P	Z 11:03:26.0	16.4	193.3	1.5	80	4.6		
GRA1	e P	Z 11:03:25.4	16.4	201.8	1.5	147	4.9		
	e L	Z 11:08:50.6			22.0	379		3.6	
ROTZ	e P	Z 11:03:30.2	16.7	204.4	1.5	68	4.6		
MANZ	e P	Z 11:03:32.2	16.9	203.8	1.3	88	4.7		
UBBA	e P	Z 11:03:37.4	17.2	197.2	1.7	83	4.6		
WERN	e P	Z 11:03:39.2	17.2	204.2	1.9	139	4.8		
GUNZ	e P	Z 11:03:39.5	17.3	203.9	1.2	53	4.5		
WERD	e P	Z 11:03:40.8	17.4	203.8	1.8	72	4.5		
TANN	e P	Z 11:03:40.7	17.4	204.2	2.1	173	4.8		
MOX	e P	Z 11:03:38.2	17.4	201.7	0.9	29	4.4		
BUG	e P	Z 11:03:40.5	17.4	189.2	1.5	94	4.7		

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GTTG	e P	Z	11:03:47.6	17.9	196.4	2.6	110	4.5		
FBE	e P	Z	11:03:48.6	18.1	205.8	1.5	63	4.5		
BRG	e P	Z	11:03:48.9	18.2	207.4	0.9	14	4.1		
CLZ	e P	Z	11:03:49.7	18.3	197.2	1.4	67	4.6		
CLL	e P	Z	11:03:51.0	18.3	204.5	1.3	60	4.6		
	e S	E	11:07:13.0							
	e LR	Z	11:08:28.9							
	e L	Z	11:09:59.7			22.0	331		3.5	
BSEG	e P	Z	11:04:12.2	20.3	195.4	0.9	77	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/07	14:16:52.1	17.010S	174.720W	33.0N				SZGRF
Tonga Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e PKPbc	Z	14:36:24.6	144.9	8.5					
CLL	e PKPbc	Z	14:36:25.0	145.2	13.0					
BRG	e PKPbc	Z	14:36:25.9	145.4	14.7					
FBE	e PKPbc	Z	14:36:26.5	145.5	13.7					
BUG	e PKPbc	Z	14:36:26.5	145.5	3.4					
MOX	e PKPbc	Z	14:36:28.0	146.0	10.9					
TANN	e PKPbc	Z	14:36:28.5	146.1	12.4					
GUNZ	e PKPbc	Z	14:36:28.4	146.2	12.2					
WERN	e PKPbc	Z	14:36:28.7	146.2	12.3					
MANZ	e PKPbc	Z	14:36:30.0	146.6	11.9					
TNS	e PKPbc	Z	14:36:30.1	146.7	5.5					
ROTZ	e PKPbc	Z	14:36:30.8	146.8	12.1					
GRA1	e PKPbc	Z	14:36:31.8	147.0	10.5					
WET	e PKPbc	Z	14:36:32.4	147.3	13.5					
WLF	e PKPbc	Z	14:36:32.6	147.3	1.5					
GEC2	e PKPbc	Z	14:36:32.4	147.4	15.1					
BFO	e PKPbc	Z	14:36:34.8	148.6	5.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/07	15:58:34.6	23.650S	179.060W	560.1				NEIC
South of Fiji Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e pPKPbc	Z	16:19:28.6	148.9	16.8					
	e PP	Z	16:20:51.6							
RUE	e PKPbc	Z	16:17:21.0	149.6	23.7					
NRDL	e PKPbc	Z	16:17:22.7	150.3	17.1					
CLL	e PKPbc	Z	16:17:23.9	150.8	23.1					
	e PKPab	Z	16:17:33.3							
	e pPKPbc	Z	16:19:33.6							

IBBN	e	PKPbc	Z	16:17:24.3	150.9	12.9
CLZ	e	PKPbc	Z	16:17:24.4	150.9	18.0
	e	PKPab	Z	16:17:34.0		
BRG	e	PKPbc	Z	16:17:24.3	151.0	25.1
	e	PKPab	Z	16:17:34.1		
FBE	e	PKPbc	Z	16:17:24.8	151.1	24.0
	e	PKPab	Z	16:17:34.8		
	e	pPKPbc	Z	16:19:34.7		
GTTG	e	PKPbc	Z	16:17:26.2	151.3	17.4
	e	PKPab	Z	16:17:36.4		
MOX	e	PKPbc	Z	16:17:25.9	151.8	21.0
	e	PKPab	Z	16:17:37.3		
TANN	e	PKPbc	Z	16:17:25.9	151.8	22.8
	e	PKPab	Z	16:17:37.6		
WERD	e	PKPbc	Z	16:17:26.1	151.8	22.4
	e	PKPab	Z	16:17:37.6		
GUNZ	e	PKPbc	Z	16:17:26.5	151.9	22.6
	e	PKPab	Z	16:17:38.2		
WERN	e	PKPbc	Z	16:17:26.7	151.9	22.7
	e	PKPab	Z	16:17:38.3		
UBBA	e	PKPbc	Z	16:17:26.0	151.9	17.9
	e	PKPab	Z	16:17:37.6		
MANZ	e	PKPbc	Z	16:17:27.4	152.3	22.4
	e	PKPab	Z	16:17:39.8		
ROTZ	e	PKPbc	Z	16:17:27.4	152.4	22.8
	e	PKPab	Z	16:17:40.7		
GRA1	e	PKPbc	Z	16:17:28.1	152.7	20.9
	e	PKPab	Z	16:17:42.1		
TNS	e	PKPbc	Z	16:17:28.3	152.8	15.2
	e	PKPab	Z	16:17:41.8		
WET	e	PKPbc	Z	16:17:28.1	152.8	24.5
	e	PKPab	Z	16:17:42.4		
GEC2	e	PKPbc	Z	16:17:28.1	152.9	26.3
	e	PKPab	Z	16:17:42.0		
WLF	e	PKPbc	Z	16:17:30.6	153.7	10.8
	e	PKPab	Z	16:17:46.0		
	e	PP	Z	16:21:21.9		
STU	e	PKPab	Z	16:17:47.2	154.0	17.5
FUR	e	PKPab	Z	16:17:48.2	154.2	22.1
BFO	e	PKPab	Z	16:17:49.6	154.6	16.0

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/07 22:18:55.4 15.883S 167.769E 151 6.5 NEIC  
 Vanuatu Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPdf	Z	22:37:53.5	138.2	33.5			

BRG	e PKPdf	Z	22:37:56.1	139.3	40.5			
	e SKPdf	Z	22:41:26.0					
CLL	e Pdiff	Z	22:35:18.1	139.3	38.9			
	e PKPpre	Z	22:37:55.1					
	e PKPdf	Z	22:38:08.1					
	e pPKPdf	Z	22:38:43.1					
	e PP	Z	22:41:01.6					
	e SKPdf	Z	22:41:25.5					
	e pPP	Z	22:41:44.9					
	e SKKP	Z	22:50:03.0					
	e SKSP	Z	22:50:50.5					
	e SKKSdf	N	22:54:28.4					
	e SS	E	22:58:59.6					
	e sSS	E	23:00:02.7					
	e SSS	N	23:04:40.2					
	e LR	Z	23:24:35.6					
	e L	Z	23:31:17.3			22.0	10512	6.5
NRDL	e PKPdf	Z	22:37:57.1	139.4	34.2			
FBE	e PKPdf	Z	22:37:57.1	139.5	39.7			
CLZ	e PKPdf	Z	22:37:57.9	139.9	35.0			
	e		22:40:24.9					
TANN	e PKPdf	Z	22:37:58.8	140.2	38.9			
GTTG	e PKPdf	Z	22:38:00.7	140.3	34.6			
WERD	e PKPdf	Z	22:37:59.1	140.3	38.6			
GUNZ	e PKPdf	Z	22:37:59.7	140.3	38.7			
	e		22:40:25.8					
	e SKPdf	Z	22:41:27.7					
IBBN	e PKPdf	Z	22:38:00.0	140.4	31.0			
WERN	e PKPdf	Z	22:37:59.6	140.4	38.8			
MOX	e PKPdf	Z	22:37:59.5	140.4	37.5			
MANZ	e PKP	Z	22:37:59.2	140.7	38.7			
	e		22:40:26.7					
	e SKPdf	Z	22:41:27.2					
ROTZ	e PKPdf	Z	22:38:01.7	140.8	39.0			
UBBA	e PKPdf	Z	22:38:02.0	140.9	35.2			
	e		22:40:28.6					
GEC2	e PKPdf	Z	22:38:00.4	140.9	41.8			
WET	e PKPdf	Z	22:38:02.2	141.0	40.4			
BUG	e PKPdf	Z	22:38:02.3	141.3	30.8			
GRA1	e PKPdf	Z	22:38:03.0	141.3	37.7			
	e PP	Z	22:41:10.0					
	e SKPdf	Z	22:41:30.0					
	e		22:49:45.7					
	e SKKP	Z	22:49:54.1					
	e		22:53:43.9					
TNS	e PKPdf	Z	22:38:04.2	141.9	33.4			
FUR	e PKPdf	Z	22:38:06.0	142.5	39.0			
	e		22:40:32.7					
STU	e PKPdf	Z	22:38:07.5	142.8	35.5			

	e SKPdf	Z	22:41:31.2						
WLF	e PKPdf	Z	22:38:08.0	143.2	30.3				
BFO	e PKPdf	Z	22:38:08.5	143.5	34.6				
	e		22:40:37.6						

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/08	21:20: 5.1	39.835N	19.709E	10.0G		4.1		SZGRF

Greece-Albania border region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z 21:22:27.1	10.0	152.4					
	e Sn	N 21:24:14.8							
FUR	e Pn	Z 21:22:31.9	10.3	140.9					
	e Sn	E 21:24:20.5							
WET	e Pn	Z 21:22:33.7	10.5	149.9					
ROTZ	e Pn	Z 21:22:43.3	11.3	149.1					
MANZ	e Pn	Z 21:22:46.6	11.5	149.3					
GRA1	e Pn	Z 21:22:47.1	11.5	145.5					
	e L	Z 21:28:27.7			16.8	1750		4.1	
STU	e Pn	Z 21:22:50.3	11.7	136.1					
GUNZ	e Pn	Z 21:22:49.9	11.7	151.0					
TANN	e Pn	Z 21:22:51.2	11.7	151.6					
BRG	e Pn	Z 21:22:51.5	11.7	157.7					
BFO	e Pn	Z 21:22:51.4	11.8	132.0					
	e Sn	N 21:24:57.7							
WERD	e Pn	Z 21:22:52.4	11.8	151.1					
MOX	e Pn	Z 21:22:57.0	12.2	149.2					
TNS	e Pn	Z 21:23:09.2	13.1	138.4					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/08								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 21:36:39.3							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/09								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z 02:12:20.4							
	e Sg	N 02:14:08.2							
MOX	e Pn	Z 02:12:50.5							
WET	e Pn	Z 02:12:28.3							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/09	08:01:34.2	6.200S	154.600E	148.0N				NEIC
Bougainville - Solomon Islands region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPdf	Z	08:20:16.2	124.2	44.6					
BRG	e PKPdf	Z	08:20:16.6	124.7	50.0					
CLL	e PKPdf	Z	08:20:17.0	124.8	48.8					
FBE	e PKPdf	Z	08:20:17.6	124.9	49.4					
NRDL	e PKPdf	Z	08:20:18.2	125.3	45.1					
CLZ	e PKPdf	Z	08:20:19.1	125.7	45.7					
TANN	e PKPdf	Z	08:20:18.9	125.7	48.7					
WERD	e PKPdf	Z	08:20:19.0	125.7	48.5					
GUNZ	e PKPdf	Z	08:20:19.0	125.8	48.6					
MOX	e PKPdf	Z	08:20:19.1	125.9	47.7					
GTTG	e PKPdf	Z	08:20:20.6	126.1	45.4					
GEC2	e PKPdf	Z	08:20:19.3	126.1	50.9					
MANZ	e PKPdf	Z	08:20:20.1	126.1	48.6					
ROTZ	e PKPdf	Z	08:20:19.9	126.2	48.8					
WET	e PKPdf	Z	08:20:20.3	126.3	49.8					
IBBN	e PKPdf	Z	08:20:21.3	126.5	42.5					
GRA1	e PKPdf	Z	08:20:20.9	126.8	47.8					
STU	e PKPdf	Z	08:20:24.3	128.4	46.0					
BFO	e PKPdf	Z	08:20:25.5	129.1	45.3					
WLF	e PKPdf	Z	08:20:26.0	129.1	42.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/09	14:37:17.1	25.083N	95.445E	91.0	5.0			SZGRF
Myanmar-India border region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	14:47:50.7	65.6	79.6	0.6	6	5.0		
FBE	e P	Z	14:47:53.1	65.9	79.2	0.8	7	5.0		
CLL	e P	Z	14:47:54.1	66.1	79.2	0.5	4	4.9		
GEC2	e P	Z	14:47:54.4	66.1	78.6	0.6	7	5.1		
WET	e P	Z	14:47:57.7	66.6	78.1	0.5	7	5.2		
TANN	e P	Z	14:47:57.4	66.6	78.4	0.8	4	4.7		
WERD	e P	Z	14:47:57.9	66.7	78.3	0.6	5	4.9		
GUNZ	e P	Z	14:47:58.1	66.7	78.3	1.0	9	5.0		
ROTZ	e P	Z	14:47:59.8	66.9	77.9	0.9	12	5.1		
	e pP	Z	14:48:22.8							
BSEG	e P	Z	14:48:01.0	67.2	78.3	0.9	11	5.1		
GRA1	e P	Z	14:48:03.6	67.5	77.2	0.9	3	4.6		
	e pP	Z	14:48:26.7							

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CLZ	e P	Z	14:48:03.4	67.6	77.5	0.6	15	5.4
BFO	e P	Z	14:48:17.0	69.7	74.7	1.4	9	4.7
WLF	e P	Z	14:48:23.7	70.7	73.6	0.7	23	5.5

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/09	17:21:39.3	33.300S	179.700W	40.0N		4.8		NEIC

South of Kermadec Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
NRDL	e PKPab	Z 17:42:11.0	159.5	24.0					
CLL	e PKPab	Z 17:42:11.2	159.8	32.1					
BRG	e PKPab	Z 17:42:10.7	159.8	34.8					
FBE	e PKPab	Z 17:42:12.0	160.0	33.4					
CLZ	e PKPab	Z 17:42:13.1	160.1	25.4					
IBBN	e PKPab	Z 17:42:13.7	160.2	18.7					
WERD	e PKPab	Z 17:42:15.5	160.7	31.8					
MOX	e PKPab	Z 17:42:15.5	160.8	29.9					
GUNZ	e PKPab	Z 17:42:15.8	160.8	32.0					
MANZ	e PKPab	Z 17:42:17.5	161.2	32.0					
ROTZ	e PKPab	Z 17:42:18.3	161.3	32.6					
GEC2	e PKPab	Z 17:42:19.0	161.5	37.7					
WET	e PKPab	Z 17:42:19.9	161.6	35.2					
GRA1	e PKPab	Z 17:42:20.6	161.7	30.3					
	e L	Z 18:59:10.3			20.1	147		4.8	
BFO	e PKPab	Z 17:42:29.0	163.8	24.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/09	22:31:25.1	77.420N	10.010E	33.0N	4.6	4.2		SZGRF

Svalbard, Norway, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 22:36:32.7	23.5	359.8	1.0	28	4.7		
NRDL	e P	Z 22:36:45.9	24.9	359.9	1.2	35	5.0		
RUE	e P	Z 22:36:46.3	25.0	358.1	1.2	12	4.5		
CLZ	e P	Z 22:36:51.8	25.6	359.8	1.8	30	4.6		
CLL	e P	Z 22:36:56.0	26.1	358.5	1.6	23	4.6		
FBE	e P	Z 22:37:00.1	26.5	358.4	1.1	17	4.7		
BRG	e P	Z 22:37:00.4	26.6	358.1	2.0	45	4.9		
UBBA	e P	Z 22:37:01.1	26.6	0.0	1.5	10	4.3		
MOX	e P	Z 22:37:02.4	26.8	359.2	1.0	18	4.8		
WERD	e P	Z 22:37:04.3	27.0	358.9	1.4	16	4.5		
TANN	e P	Z 22:37:04.9	27.0	358.8	1.5	15	4.5		
GUNZ	e P	Z 22:37:05.8	27.1	358.9	1.1	10	4.4		
MANZ	e P	Z 22:37:08.7	27.4	359.0	1.4	9	4.4		
ROTZ	e P	Z 22:37:10.9	27.7	359.0	1.0	9	4.6		

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GRA1	e P	Z	22:37:11.4	27.7	359.4	1.0	9	4.5	
	e L	Z	22:48:53.4			17.1	517		4.2
WET	e P	Z	22:37:16.5	28.3	358.7	1.1	7	4.4	
GEC2	e P	Z	22:37:19.6	28.6	358.3	1.1	10	4.6	
STU	e P	Z	22:37:19.7	28.7	0.4	0.9	15	4.8	
BFO	e P	Z	22:37:22.5	29.1	0.8	1.7	25	4.8	
FUR	e P	Z	22:37:25.1	29.3	359.4	0.9	9	4.6	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/09	22:36: 9.4	14.300S	70.600W	35.0N	5.6	4.5		NEIC

Central Peru

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z	22:49:17.1	92.6	250.8	1.5	52	5.6		
BFO	e P	Z	22:49:20.0	93.5	252.3	1.2	9	5.1		
BUG	e P	Z	22:49:22.5	93.8	251.7	1.3	35	5.5		
STU	e P	Z	22:49:24.1	94.2	253.0	1.0	27	5.5		
IBBN	e P	Z	22:49:25.2	94.4	252.1	1.5	41	5.5		
UBBA	e P	Z	22:49:29.5	95.2	253.7	1.6	29	5.5		
FUR	e P	Z	22:49:29.6	95.3	254.5	1.1	56	5.9		
GTTG	e P	Z	22:49:31.3	95.4	253.8	2.4	63	5.6		
GRA1	e P	Z	22:49:31.7	95.7	254.6	1.2	28	5.7		
	e L	Z	23:28:16.2			21.3	194		4.5	
CLZ	e P	Z	22:49:31.9	95.8	254.1	1.3	40	5.8		
NRDL	e P	Z	22:49:32.3	95.8	254.0	1.4	24	5.5		
MOX	e P	Z	22:49:33.9	96.2	255.0	2.0	33	5.5		
BSEG	e P	Z	22:49:34.0	96.3	254.3	1.2	23	5.6		
MANZ	e P	Z	22:49:34.8	96.3	255.3	1.2	27	5.7		
ROTZ	e P	Z	22:49:34.6	96.3	255.3	1.2	26	5.6		
WERD	e P	Z	22:49:35.6	96.6	255.5	1.3	17	5.4		
WET	e P	Z	22:49:35.6	96.6	255.7	1.2	20	5.5		
TANN	e P	Z	22:49:36.2	96.6	255.6	1.4	25	5.7		
GEC2	e P	Z	22:49:37.5	97.0	256.3	1.2	15	5.5		
CLL	e P	Z	22:49:38.4	97.2	256.1	1.2	16	5.5		
FBE	e P	Z	22:49:39.2	97.3	256.3	1.1	19	5.6		
BRG	e P	Z	22:49:40.6	97.7	256.7	1.3	19	5.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/10	05:45:25.6	38.851N	39.754E	33.0N	4.1			SZGRF

Turkey

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	05:50:27.3	22.9	107.3	0.9	5	4.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/10	07:02:57.4	13.160N	90.550W	100.5	5.0			SZGRF

Near coast of Guatemala

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z 07:15:25.4	84.3	283.6	0.8	13	5.2		
BSEG	e P	Z 07:15:32.4	85.6	286.5	0.9	20	5.2		
NRDL	e P	Z 07:15:34.6	85.9	286.4	0.9	11	5.0		
BFO	e P	Z 07:15:34.5	86.0	285.3	1.0	6	4.7		
CLZ	e P	Z 07:15:35.4	86.3	286.6	0.9	22	5.3		
UBBA	e P	Z 07:15:37.8	86.3	286.4	0.8	4	4.6		
MOX	e P	Z 07:15:40.3	87.4	287.7	0.9	9	4.9		
GRA1	e P	Z 07:15:39.8	87.4	287.4	0.9	18	5.4		
WERD	e P	Z 07:15:43.2	87.8	288.2	0.9	9	5.1		
MANZ	e P	Z 07:15:44.7	87.9	288.1	0.9	11	5.1		
GUNZ	e P	Z 07:15:44.6	87.9	288.2	0.9	12	5.2		
	e pP	Z 07:16:09.2							
TANN	e P	Z 07:15:43.8	88.0	288.3	0.9	11	5.2		
CLL	e P	Z 07:15:44.8	88.0	288.7	0.9	15	5.3		
	e pP	Z 07:16:09.5							
ROTZ	e P	Z 07:15:44.0	88.0	288.1	1.0	8	5.0		
FBE	e P	Z 07:15:45.2	88.3	289.0	0.8	8	5.1		
WET	e P	Z 07:15:47.0	88.6	288.7	1.0	10	5.0		
BRG	e P	Z 07:15:47.1	88.7	289.4	0.8	5	4.8		
	e pP	Z 07:16:16.8							
GEC2	e P	Z 07:15:50.3	89.2	289.3	0.9	4	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/10	07:53: 4.2	13.714N	96.807W	33.0N	4.6			SZGRF

Off coast of Oaxaca, Mexico

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 08:06:04.3	90.8	292.5	0.8	4	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/10	09:16: 7.2	35.500N	9.900W	69.0G	4.0			MAD

Azores-Cape St. Vincent Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 09:20:46.6	20.9	235.3	1.2	9	4.0		
	e pP	Z 09:21:02.5							

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Date Origin Time Lat Long Depth mb Ms ML Source  
2006/08/10

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML  
GRA1 e PKP Z 14:34:09.8

Date Origin Time Lat Long Depth mb Ms ML Source  
2006/08/10 17:52:13.0 38.177N 75.101E 33.0N 4.4 SZGRF  
Southern Xinjiang, China

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML  
GRA1 e P Z 18:00:33.1 46.0 79.1 1.1 4 4.4

Date Origin Time Lat Long Depth mb Ms ML Source  
2006/08/10 19:47: 9.6 44.302N 10.016E 10.0G 3.4 SZGRF  
Northern Italy

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML  
DAVA e Pn Z 19:47:58.7 3.0 178.1 3.3  
WTTA e Pn Z 19:48:00.3 3.2 201.5  
KBA e Pn Z 19:48:06.3 3.6 221.1  
OBKA e Pn Z 19:48:08.4 3.9 236.9  
BFO e Pn Z 19:48:13.2 4.2 163.3 3.4  
e Sn E 19:49:01.4  
MOA e Pn Z 19:48:19.2 4.6 221.3  
ARSA e Pn Z 19:48:22.2 4.8 234.5  
GEC2 e Pn Z 19:48:26.1 5.2 210.5 3.3  
e Sn E 19:49:26.0  
WET e Pn Z 19:48:26.6 5.2 203.1 3.2  
e Sn E 19:49:25.4  
GRA1 e Sn N 19:49:31.4 5.5 189.1 3.5  
TNS e Pn Z 19:48:38.0 6.0 169.2 3.6  
e Sn N 19:49:43.6  
MOX e Sn N 19:49:55.0 6.4 190.3 3.5

Date Origin Time Lat Long Depth mb Ms ML Source  
2006/08/11

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML  
GRA1 e PKP Z 02:10:23.4

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Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/11	02:37:35.7	17.330S	177.300W	33.0N				SZGRF

Fiji Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e PKPbc	Z 02:57:07.5	145.0	12.8					
UBBA	e PKPbc	Z 02:57:11.7	146.0	12.5					
WERN	e PKPbc	Z 02:57:11.1	146.1	16.7					
TNS	e PKPbc	Z 02:57:13.9	146.8	10.1					
GRA1	e PKPbc	Z 02:57:15.0	146.9	15.0					
GEC2	e PKPbc	Z 02:57:16.3	147.2	19.7					
WLF	e PKPbc	Z 02:57:16.7	147.5	6.1					
BFO	e PKPbc	Z 02:57:19.5	148.7	10.4					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/11	05:40:31.5	37.390N	73.430E	193.6	4.8			SZGRF

Tajikistan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 05:48:16.6	43.5	84.1	1.0	18	4.7		
	e pP	Z 05:48:59.2							
FBE	e P	Z 05:48:19.7	43.8	83.8	1.0	20	4.8		
	e pP	Z 05:49:01.1							
GEC2	e P	Z 05:48:19.7	43.9	81.9	1.3	10	4.4		
CLL	e P	Z 05:48:20.6	44.0	83.9	0.9	10	4.5		
	e pP	Z 05:49:03.1							
WET	e P	Z 05:48:23.8	44.4	81.6	1.2	9	4.3		
TANN	e P	Z 05:48:24.3	44.5	82.6	0.9	5	4.5		
WERN	e P	Z 05:48:24.6	44.5	82.4	1.7	14	4.6		
	e pP	Z 05:49:06.2							
WERD	e P	Z 05:48:24.8	44.6	82.6	1.1	8	4.6		
ROTZ	e P	Z 05:48:27.2	44.7	81.8	1.1	13	4.8		
MANZ	e P	Z 05:48:27.2	44.7	82.0	1.0	6	4.5		
MOX	e P	Z 05:48:28.7	45.0	82.3	1.1	11	4.7		
GRA1	e P	Z 05:48:32.3	45.4	81.1	1.2	27	5.1		
BSEG	e P	Z 05:48:31.9	45.4	84.6	1.0	18	5.0		
FUR	e P	Z 05:48:33.6	45.6	79.6	0.8	28	5.3		
CLZ	e P	Z 05:48:33.2	45.6	82.6	0.8	8	4.8		
NRDL	e P	Z 05:48:34.2	45.7	83.0	1.3	25	5.1		
UBBA	e P	Z 05:48:35.9	46.0	81.3					
TNS	e P	Z 05:48:45.1	47.0	79.7	0.7	6	4.8		
BFO	e P	Z 05:48:47.5	47.5	78.0	0.8	4	4.6		
BUG	e P	Z 05:48:49.2	47.5	80.1	0.6	15	5.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
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2006/08/11 06:45:46.8  
Eastern Siberia, Russia

60.903N 166.990E 33.0N 4.8

SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 06:56:41.2	67.7	12.5	1.0	6	4.8		

Date Origin Time  
2006/08/11 14:30:35.5  
Guerrero, Mexico

Lat Long Depth mb Ms ML Source  
18.350N 101.490W 55.6 5.9 5.3 SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
IBBN	e P	Z 14:43:17.4	86.7	296.2	1.0	152	6.1		
	e pP	Z 14:43:33.3							
BSEG	e P	Z 14:43:20.4	87.3	298.1	1.1	143	6.0		
NRDL	e P	Z 14:43:23.1	87.9	298.0	1.1	137	6.2		
	e pP	Z 14:43:39.0							
TNS	e P	Z 14:43:23.6	88.0	296.8	1.1	176	6.3		
CLZ	e P	Z 14:43:25.2	88.3	298.2	1.2	221	6.3		
RGN	e P	Z 14:43:25.9	88.5	300.5	1.4	171	6.1		
UBBA	e P	Z 14:43:26.2	88.6	297.9	1.5	78	5.7		
BFO	e P	Z 14:43:26.3	88.8	296.7	1.2	69	5.7		
STU	e P	Z 14:43:28.2	89.1	297.4	1.1	85	5.9		
MOX	e P	Z 14:43:30.9	89.6	299.2	1.5	115	5.9		
GRA1	e P	Z 14:43:32.5	89.8	298.9	1.4	176	6.1		
	e pP	Z 14:43:48.5							
	e PP	Z 14:47:05.6							
	e S	T 14:54:20.7							
	e PKKP	Z 15:01:05.2							
	e pPKKP	Z 15:01:23.4							
	e L	Z 15:24:20.2			21.6	1250		5.3	
RUE	e P	Z 14:43:31.8	89.8	300.9	1.0	47	5.7		
WERD	e P	Z 14:43:33.1	90.1	299.7	1.5	105	5.8		
GUNZ	e P	Z 14:43:33.5	90.1	299.7	1.4	113	5.9		
TANN	e P	Z 14:43:33.6	90.2	299.8	1.3	93	5.8		
MANZ	e P	Z 14:43:33.9	90.2	299.6	1.4	74	5.7		
WERN	e P	Z 14:43:33.9	90.2	299.8	1.4	132	6.0		
ROTZ	e P	Z 14:43:34.9	90.3	299.6	1.4	87	5.9		
FBE	e P	Z 14:43:34.6	90.4	300.5	1.2	118	6.1		
FUR	e P	Z 14:43:36.4	90.6	298.9	1.2	56	5.8		
BRG	e P	Z 14:43:36.4	90.7	301.0	1.3	108	6.0		
GEC2	e P	Z 14:43:40.5	91.7	300.8	1.5	84	5.9		

Date Origin Time  
2006/08/11 14:38:32.5  
Guerrero, Mexico

Lat Long Depth mb Ms ML Source  
18.256N 101.578W 33.0N 5.3 SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
IBBN	e P	Z	14:51:13.9	86.8	296.2	1.0	27	5.3		
WLF	e P	Z	14:51:15.1	87.0	295.1	1.0	46	5.6		
BSEG	e P	Z	14:51:16.9	87.4	298.1	1.0	35	5.6		
NRDL	e P	Z	14:51:19.7	88.0	298.0	1.0	32	5.6		
TNS	e P	Z	14:51:20.1	88.1	296.8	1.1	32	5.6		
CLZ	e P	Z	14:51:22.1	88.5	298.2	1.0	40	5.6		
UBBA	e P	Z	14:51:23.4	88.7	298.0	1.4	15	5.1		
BFO	e P	Z	14:51:23.9	88.9	296.7	1.3	15	5.0		
MOX	e P	Z	14:51:27.6	89.7	299.2	1.1	13	5.1		
GRA1	e P	Z	14:51:28.9	90.0	298.9	1.3	41	5.5		
CLL	e P	Z	14:51:29.3	90.1	300.3	1.1	16	5.2		
WERD	e P	Z	14:51:30.6	90.2	299.7	1.4	16	5.1		
GUNZ	e P	Z	14:51:30.3	90.2	299.8	1.3	22	5.2		
TANN	e P	Z	14:51:30.4	90.3	299.9	1.2	15	5.1		
MANZ	e P	Z	14:51:30.9	90.3	299.6	1.1	12	5.0		
WERN	e P	Z	14:51:30.6	90.3	299.8	1.2	19	5.2		
ROTZ	e P	Z	14:51:31.5	90.5	299.7	1.1	9	5.0		
FBE	e P	Z	14:51:31.6	90.5	300.5	1.1	20	5.3		
BRG	e P	Z	14:51:32.9	90.9	301.0	1.0	19	5.4		
WET	e P	Z	14:51:34.4	91.2	300.2	1.2	18	5.3		
GEC2	e P	Z	14:51:37.3	91.8	300.8	1.0	10	5.1		

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/11 16:46:26.4 17.280N 98.007W 33.0N 4.8  
 Guerrero, Mexico SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	16:59:16.7	88.7	295.6	1.4	8	4.8		

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/11

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z	19:01:31.9							

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/11 19:53:56.3 26.120S 179.760W 33.0N  
 South of Fiji Islands SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	20:13:44.9	151.2	19.0					

	e	PKPab	Z	20:13:53.6		
NRDL	e	PKPbc	Z	20:13:48.2	152.6	19.5
CLL	e	PKPbc	Z	20:13:48.7	153.0	25.9
	e	PKPab	Z	20:14:01.4		
BRG	e	PKPbc	Z	20:13:49.2	153.1	28.1
	e	PKPab	Z	20:14:02.1		
CLZ	e	PKPbc	Z	20:13:49.5	153.2	20.5
IBBN	e	PKPab	Z	20:14:02.2	153.2	15.1
FBE	e	PKPbc	Z	20:13:49.7	153.3	26.9
	e	PKPab	Z	20:14:02.8		
WERD	e	PKPab	Z	20:14:05.5	154.0	25.3
GUNZ	e	PKPab	Z	20:14:06.4	154.0	25.4
WERN	e	PKPab	Z	20:14:06.5	154.1	25.6
MANZ	e	PKPab	Z	20:14:08.4	154.4	25.3
ROTZ	e	PKPab	Z	20:14:09.3	154.6	25.7
GRA1	e	PKPab	Z	20:14:10.4	154.9	23.8
WET	e	PKPbc	Z	20:13:54.1	155.0	27.7
	e	PKPab	Z	20:14:10.5		
GEC2	e	PKPbc	Z	20:13:53.1	155.0	29.6
	e	PKPab	Z	20:14:09.7		
TNS	e	PKPab	Z	20:14:10.2	155.1	17.7
FUR	e	PKPab	Z	20:14:16.4	156.3	25.3
BFO	e	PKPab	Z	20:14:18.2	156.9	18.8

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/11 20:20:39.1 18.264S 175.065E 33.0N  
 Fiji Islands region SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
NRDL	e	PKPbc	Z	20:40:08.3	143.8	24.7			
CLL	e	PKPbc	Z	20:40:09.8	144.0	29.9			
BRG	e	PKPbc	Z	20:40:11.1	144.1	31.6			
FBE	e	PKPbc	Z	20:40:11.5	144.3	30.7			
CLZ	e	PKPbc	Z	20:40:11.9	144.3	25.5			
WERD	e	PKPbc	Z	20:40:12.2	145.0	29.4			
MOX	e	PKPbc	Z	20:40:14.4	145.0	28.2			
GUNZ	e	PKPbc	Z	20:40:14.7	145.1	29.5			
ROTZ	e	PKPbc	Z	20:40:15.7	145.6	29.7			
GEC2	e	PKPbc	Z	20:40:15.9	145.9	32.8			
GRA1	e	PKPbc	Z	20:40:15.0	146.0	28.2			
TNS	e	PKPbc	Z	20:40:18.7	146.3	23.3			
STU	e	PKPbc	Z	20:40:20.5	147.4	25.5			

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/11 20:54:17.9 2.690N 96.070E 33.0N 5.5 6.0  
 SZGRF

Northern Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	21:06:39.9	82.9	94.4	0.9	22	5.4		
GEC2	e P	Z	21:06:40.1	83.0	94.0	1.1	69	5.8		
	e S	N	21:16:59.2							
RUE	e P	Z	21:06:40.9	83.2	94.5	1.0	54	5.7		
	e S	N	21:16:58.6							
FBE	e P	Z	21:06:41.9	83.3	94.0	0.9	27	5.5		
WET	e P	Z	21:06:42.8	83.5	93.4	0.9	32	5.5		
CLL	e P	Z	21:06:42.5	83.6	93.7	1.4	42	5.5		
	e		21:06:53.4							
	e PP	Z	21:09:59.5							
	e PPP	Z	21:11:55.2							
	e S	N	21:17:03.4							
	e SS	N	21:22:39.2							
	e SSS	N	21:26:04.6							
	e L	Z	21:47:12.0			22.0	5808		5.9	
RGN	e S	N	21:17:04.5	83.6	94.4					
TANN	e P	Z	21:06:44.5	83.9	93.2	1.0	14	5.1		
WERN	e P	Z	21:06:44.8	83.9	93.1	0.9	14	5.2		
GUNZ	e P	Z	21:06:45.0	83.9	93.1	0.9	19	5.3		
WERD	e P	Z	21:06:44.9	84.0	93.1	0.9	18	5.3		
ROTZ	e P	Z	21:06:45.6	84.0	93.0	0.8	24	5.5		
MANZ	e P	Z	21:06:46.1	84.1	92.9	1.1	48	5.6		
	e S	N	21:17:11.5							
MOX	e P	Z	21:06:47.2	84.4	92.6	0.9	20	5.4		
FUR	e P	Z	21:06:47.4	84.5	92.1	1.0	36	5.6		
GRA1	e P	Z	21:06:48.7	84.6	92.2	0.9	40	5.6		
	e PP	Z	21:10:08.3							
	e S	N	21:17:15.2							
	e L	Z	21:54:13.9			19.3	6404		6.0	
CLZ	e P	Z	21:06:51.4	85.2	91.7	0.9	26	5.5		
BSEG	e P	Z	21:06:52.0	85.3	91.8	0.9	36	5.6		
NRDL	e P	Z	21:06:52.6	85.4	91.6	1.6	84	5.7		
	e S	N	21:17:21.8							
UBBA	e P	Z	21:06:52.3	85.4	91.3					
STU	e P	Z	21:06:54.5	85.9	90.6	0.8	25	5.4		
	e S	N	21:17:28.0							
TNS	e P	Z	21:06:57.4	86.4	90.1	0.8	32	5.5		
BFO	e P	Z	21:06:57.1	86.5	89.9	0.8	23	5.3		
	e S	N	21:17:29.0							
IBBN	e P	Z	21:06:59.5	86.8	89.7	0.8	40	5.6		
BUG	e P	Z	21:07:00.9	87.1	89.3	0.8	34	5.6		
	e S	N	21:17:37.2							
WLF	e P	Z	21:07:05.0	87.9	88.3	1.0	24	5.5		





Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 15:19:39.7							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/12	16:16:20.5	19.300S	169.300E	278.0N				NEIC

Vanuatu Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 16:35:26.2	144.9	37.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/12	18:39:17.9	28.975N	131.368E	33.0N	6.0	5.3		SZGRF

Southeast of Ryukyu Islands, Japan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z 18:51:35.4	82.1	51.5	1.2	140	6.0		
BSEG	e P	Z 18:51:38.7	82.8	49.1	1.0	86	5.9		
BRG	e P	Z 18:51:39.9	83.0	51.5	1.4	64	5.7		
CLL	e P	Z 18:51:40.9	83.2	50.8	1.5	253	6.2		
	e pP	Z 18:51:48.9							
	e PP	Z 18:54:51.7							
	e S	E 19:02:03.5							
	e SS	E 19:07:29.4							
	e L	Z 19:32:51.0			18.0	3263		5.7	
FBE	e P	Z 18:51:41.4	83.3	51.0	1.5	236	6.2		
NRDL	e P	Z 18:51:44.2	83.8	48.8	1.5	146	6.0		
TANN	e P	Z 18:51:45.2	84.0	50.4	1.3	78	5.8		
WERD	e P	Z 18:51:45.4	84.1	50.2	1.2	86	5.8		
CLZ	e P	Z 18:51:46.1	84.1	48.9	1.1	332	6.5		
GUNZ	e P	Z 18:51:45.8	84.1	50.3	1.6	198	6.1		
WERN	e P	Z 18:51:45.9	84.2	50.3	1.2	142	6.1		
MOX	e P	Z 18:51:46.5	84.3	49.8	1.6	136	5.9		
GEC2	e P	Z 18:51:46.8	84.4	51.1	1.2	84	5.8		
MANZ	e P	Z 18:51:47.7	84.5	50.1	1.0	68	5.8		
ROTZ	e P	Z 18:51:48.3	84.6	50.1	1.3	154	6.1		
WET	e P	Z 18:51:48.2	84.6	50.6	1.2	53	5.6		
UBBA	e P	Z 18:51:49.8	85.0	48.6	1.5	166	6.0		
IBBN	e P	Z 18:51:49.9	85.0	47.0	1.2	280	6.4		
GRA1	e P	Z 18:51:51.0	85.1	49.4	1.3	195	6.2		
	e PP	Z 18:55:08.0							
	e L	Z 19:34:53.5			20.5	1426		5.3	
BUG	e P	Z 18:51:53.9	85.8	46.6	1.3	152	6.0		
FUR	e P	Z 18:51:55.6	86.1	49.3	1.3	132	5.9		
TNS	e P	Z 18:51:55.7	86.1	47.4	1.2	62	5.6		
STU	e P	Z 18:51:58.1	86.7	47.9	1.2	34	5.3		

WLF e P Z 18:52:02.8 87.6 45.7 1.4 134 6.1

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/12 20:46:22.3 25.670N 91.310E 44.5 5.1 4.3  
 India-Bangladesh border region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z 20:56:41.9	62.5	82.9	0.7	17	5.4		
BRG	e P	Z 20:56:43.0	62.6	82.2	0.7	10	5.2		
FBE	e P	Z 20:56:45.4	62.9	81.8	1.2	20	5.2		
	e pP	Z 20:56:58.0							
GEC2	e P	Z 20:56:45.8	63.0	81.0	1.1	18	5.2		
WET	e P	Z 20:56:49.0	63.5	80.6	0.9	9	4.9		
TANN	e P	Z 20:56:49.3	63.6	80.9	0.9	9	4.9		
WERN	e P	Z 20:56:49.7	63.7	80.8	0.9	8	4.8		
GUNZ	e P	Z 20:56:50.1	63.7	80.8	1.0	17	5.1		
	e pP	Z 20:57:02.6							
WERD	e P	Z 20:56:50.0	63.7	80.8	1.1	12	4.9		
	e pP	Z 20:57:02.5							
ROTZ	e P	Z 20:56:51.6	63.8	80.4	1.0	19	5.2		
MANZ	e P	Z 20:56:51.6	63.9	80.4	1.1	10	4.8		
MOX	e P	Z 20:56:52.5	64.1	80.4	0.9	8	4.8		
	e pP	Z 20:57:04.9							
BSEG	e P	Z 20:56:54.4	64.3	81.0	0.8	13	5.2		
	e pP	Z 20:57:06.9							
GRA1	e P	Z 20:56:55.5	64.5	79.7	1.8	44	5.4		
	e pP	Z 20:57:08.0							
	e L	Z 21:28:51.3			20.9	203		4.3	
CLZ	e P	Z 20:56:56.4	64.6	80.1	1.0	18	5.3		
	e pP	Z 20:57:08.6							
NRDL	e P	Z 20:56:56.7	64.7	80.2	1.2	20	5.2		
	e pP	Z 20:57:08.9							
FUR	e P	Z 20:56:56.8	64.7	79.0	0.8	10	5.1		
STU	e P	Z 20:57:04.9	66.0	77.8	0.9	15	5.2		
	e pP	Z 20:57:17.1							
TNS	e P	Z 20:57:06.1	66.1	77.9	1.1	14	5.1		
	e pP	Z 20:57:18.4							
WLF	e P	Z 20:57:16.1	67.7	76.1	1.2	30	5.4		
	e pP	Z 20:57:28.7							

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/13 00:15:37.9 5.700S 151.300E 37.0N 5.1  
 New Britain, Papua New Guinea, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
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RUE	e	PKPdf	Z	00:34:27.5	121.7	52.2				
BSEG	e	PKPdf	Z	00:34:29.0	122.4	47.9				
BRG	e	PKPdf	Z	00:34:29.0	122.6	53.2				
CLL	i	PKPdf	Z	00:34:29.5	122.8	52.0	0.9		36	
	e	pPKPdf	Z	00:34:41.5						
	e	PP	Z	00:36:11.6						
	e	PPP	Z	00:38:54.8						
	e	PS	E	00:46:16.9						
	e	PPS	E	00:47:33.4						
	e	SS	E	00:53:13.4						
	e	SSS	N	00:57:42.1						
	e	L	Z	01:27:52.6			22.0		440	5.1
FBE	e	PKPdf	Z	00:34:30.0	122.9	52.5				
TANN	e	PKPdf	Z	00:34:31.2	123.6	51.9				
WERD	e	PKPdf	Z	00:34:31.3	123.7	51.7				
	e	pPKPdf	Z	00:34:43.5						
GUNZ	e	PKPdf	Z	00:34:31.4	123.7	51.8				
CLZ	e	PKPdf	Z	00:34:31.6	123.7	49.0				
WERN	e	PKPdf	Z	00:34:31.8	123.8	51.9				
MOX	e	PKPdf	Z	00:34:31.7	123.9	50.9				
GEC2	e	PKPdf	Z	00:34:31.6	123.9	54.0				
MANZ	e	PKPdf	Z	00:34:32.1	124.1	51.7				
GTTG	e	PKPdf	Z	00:34:33.3	124.1	48.7				
ROTZ	e	PKPdf	Z	00:34:32.1	124.2	52.0				
WET	e	PKPdf	Z	00:34:32.2	124.2	53.0				
IBBN	e	PKPdf	Z	00:34:33.0	124.6	45.9				
GRA1	e	PKPdf	Z	00:34:33.0	124.7	51.0				
	e	pPKPdf	Z	00:34:45.4						
	e	L	Z	01:31:03.4			21.3		406	5.1
BUG	e	PKPdf	Z	00:34:34.9	125.4	45.8				
FUR	e	PKPdf	Z	00:34:35.0	125.6	51.9				
TNS	e	PKPdf	Z	00:34:35.3	125.7	47.7				
STU	e	PKPdf	Z	00:34:36.4	126.3	49.3				
	e	pPKPdf	Z	00:34:48.5						
BFO	e	PKPdf	Z	00:34:37.4	127.0	48.7				
WLF	e	PKPdf	Z	00:34:37.7	127.2	45.5				

Date 2006/08/13 Origin Time 02:02:36.8 Lat 8.590N Long 92.930E Depth 31.8 mb 4.9 Ms ML Source SZGRF  
 Nicobar Islands, India, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 02:14:23.7	76.4	93.1	0.9	6	4.7		
	e pP	Z 02:14:32.2							
GEC2	e P	Z 02:14:23.9	76.5	92.4	1.1	9	4.8		
	e pP	Z 02:14:32.9							
RUE	e P	Z 02:14:24.5	76.6	93.3	0.7	22	5.4		

	e pP	Z	02:14:33.6							
FBE	e P	Z	02:14:25.9	76.8	92.6	0.9	15	5.1		
WET	e P	Z	02:14:27.1	77.0	91.9	1.1	8	4.7		
CLL	e P	Z	02:14:26.7	77.0	92.4	1.0	6	4.7		
WERN	e P	Z	02:14:28.3	77.4	91.7	1.1	11	4.9		
	e pP	Z	02:14:38.0							
GUNZ	e P	Z	02:14:29.4	77.4	91.7	1.1	9	4.8		
WERD	e P	Z	02:14:29.3	77.4	91.7	1.1	7	4.7		
ROTZ	e P	Z	02:14:30.2	77.5	91.5	1.1	12	4.9		
	e pP	Z	02:14:39.6							
MANZ	e P	Z	02:14:30.7	77.5	91.5	1.0	13	5.0		
MOX	e P	Z	02:14:33.1	77.9	91.2	1.4	10	4.8		
FUR	e P	Z	02:14:33.2	78.1	90.4	1.8	40	5.2		
GRA1	e P	Z	02:14:33.7	78.1	90.7	1.0	14	4.9		
CLZ	e P	Z	02:14:36.3	78.7	90.5	1.1	12	4.8		
BSEG	e P	Z	02:14:36.9	78.7	90.9	0.9	12	4.9		
GTTG	e P	Z	02:14:37.9	78.9	90.1					
STU	e P	Z	02:14:40.9	79.4	89.0	0.8	6	4.6		
TNS	e P	Z	02:14:43.2	79.9	88.7	1.3	13	4.7		
BFO	e P	Z	02:14:43.3	80.0	88.3	1.9	19	4.7		
IBBN	e P	Z	02:14:45.2	80.3	88.5	1.4	23	5.0		
WLF	e P	Z	02:14:50.9	81.4	86.9	1.8	29	5.1		

Date Origin Time Lat Long Depth mb Ms ML Source  
2006/08/13

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML  
GRA1 e PKP Z 04:44:23.9

Date Origin Time Lat Long Depth mb Ms ML Source  
2006/08/13 04:29:28.2 41.504S 173.157E 121.0G NEIC  
South Island, New Zealand

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML  
BRG e PKPab Z 04:50:06.2 162.9 64.8  
BSEG e PKPab Z 04:50:07.1 163.1 49.6  
FBE e PKPab Z 04:50:08.2 163.2 63.7  
CLL e PKPab Z 04:50:07.3 163.3 61.9  
TANN e PKPab Z 04:50:11.2 164.0 63.7  
WERD e PKPab Z 04:50:11.1 164.0 63.3  
GUNZ e PKPab Z 04:50:11.6 164.1 63.6  
WERN e PKPab Z 04:50:12.0 164.1 63.9  
MOX e PKPab Z 04:50:12.7 164.3 61.4  
MANZ e PKPab Z 04:50:13.3 164.4 64.4  
ROTZ e PKPab Z 04:50:13.5 164.4 65.3

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IBBN e PKPab Z 04:50:17.0 165.4 48.3

Date Origin Time Lat Long Depth mb Ms ML Source  
2006/08/13

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML  
GRA1 e P Z 06:06:49.2

Date Origin Time Lat Long Depth mb Ms ML Source  
2006/08/13 06:12: 3.6 47.487N 57.942E 33.0N 4.6  
Western Kazakhstan

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML  
FBE e P Z 06:17:59.6 28.9 79.1 0.8 10 4.7  
GEC2 e P Z 06:18:01.4 29.1 75.7 0.8 9 4.6  
WET e P Z 06:18:05.8 29.6 75.8 1.0 9 4.6  
WERD e P Z 06:18:06.1 29.6 77.7 1.0 7 4.4  
GRA1 e P Z 06:18:14.0 30.5 75.9 0.8 8 4.7

Date Origin Time Lat Long Depth mb Ms ML Source  
2006/08/13 08:41:50.0 5.940N 95.150E 33.0G 5.2  
Northern Sumatera, Indonesia

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML  
BRG e P Z 08:53:52.5 79.9 93.1 1.8 62 5.2  
GEC2 e P Z 08:53:52.8 79.9 92.5 0.9 46 5.4  
RUE e P Z 08:53:53.4 80.0 93.2 0.9 50 5.4  
FBE e P Z 08:53:54.6 80.2 92.6 0.9 28 5.2  
WET e P Z 08:53:55.7 80.5 91.9 1.0 26 5.1  
CLL e P Z 08:53:55.3 80.5 92.4 1.1 20 4.9  
TANN e P Z 08:53:57.3 80.8 91.8 1.5 25 5.0  
WERN e P Z 08:53:57.7 80.8 91.7 1.0 12 4.8  
GUNZ e P Z 08:53:57.9 80.9 91.7 1.0 14 4.9  
WERD e P Z 08:53:57.7 80.9 91.7 1.9 43 5.2  
ROTZ e P Z 08:53:58.6 80.9 91.5 1.0 23 5.2  
MANZ e P Z 08:53:59.1 81.0 91.5 1.2 40 5.3  
MOX e P Z 08:54:00.2 81.3 91.2 1.4 24 5.0  
FUR e P Z 08:54:00.7 81.5 90.6 1.0 28 5.4  
GRA1 e P Z 08:54:01.9 81.5 90.8 1.0 25 5.3  
e 08:54:13.6  
e 08:54:18.0  
e 08:54:22.3  
CLZ e P Z 08:54:04.5 82.1 90.4 1.0 22 5.2

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BSEG	e P	Z	08:54:04.9	82.2	90.7	1.1	31	5.4
NRDL	e P	Z	08:54:05.7	82.3	90.3	1.5	49	5.4
UBBA	e P	Z	08:54:05.6	82.3	90.0	2.0	37	5.2
STU	e P	Z	08:54:08.2	82.9	89.1	1.0	18	5.2
TNS	e P	Z	08:54:10.8	83.3	88.7	1.1	17	5.2
BFO	e P	Z	08:54:10.7	83.5	88.4	0.9	16	5.3
IBBN	e P	Z	08:54:12.8	83.7	88.4	1.0	25	5.4
BUG	e P	Z	08:54:14.4	84.0	87.9	1.5	36	5.4
WLF	e P	Z	08:54:18.7	84.8	86.9	1.9	88	5.7

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/13	09:59:52.0	19.040S	40.599E	33.0G	4.6			SZGRF
Mozambique Channel								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 10:11:21.7	73.5	151.1	1.1	6	4.6		
	e	10:11:33.6							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/13	09:53:11.9	29.937S	177.804W	46.0G				NEIC
Kermadec Islands, New Zealand								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPab	Z 10:13:24.3	155.3	17.0					
RUE	e PKPab	Z 10:13:27.0	155.9	25.2					
NRDL	e PKPab	Z 10:13:30.2	156.7	17.6					
CLL	e PKPab	Z 10:13:32.2	157.2	24.8					
IBBN	e PKPab	Z 10:13:32.8	157.3	12.6					
CLZ	e PKPab	Z 10:13:33.1	157.3	18.6					
BRG	e PKPab	Z 10:13:33.1	157.3	27.2					
FBE	e PKPab	Z 10:13:33.8	157.4	25.9					
TANN	e PKPab	Z 10:13:36.9	158.1	24.5					
MOX	e PKPab	Z 10:13:36.5	158.1	22.4					
WERD	e PKPab	Z 10:13:36.9	158.1	24.1					
BUG	e PKPab	Z 10:13:35.9	158.2	11.9					
GUNZ	e PKPab	Z 10:13:37.3	158.2	24.2					
WERN	e PKPab	Z 10:13:37.6	158.3	24.4					
UBBA	e PKPab	Z 10:13:37.1	158.3	18.6					
MANZ	e PKPab	Z 10:13:39.0	158.6	24.1					
ROTZ	e PKPab	Z 10:13:40.1	158.8	24.6					
GRA1	e PKPab	Z 10:13:41.5	159.1	22.4					
WET	e PKPab	Z 10:13:41.7	159.1	26.8					
GEC2	e PKPab	Z 10:13:41.3	159.2	29.1					
TNS	e PKPab	Z 10:13:41.1	159.2	15.4					
STU	e PKPab	Z 10:13:47.7	160.4	18.4					

FUR e PKPab Z 10:13:47.4 160.5 24.2  
 BFO e PKPab Z 10:13:48.7 161.0 16.5

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/13 10:35: 6.0 34.324N 27.073E 10.0G 5.0 4.5  
 Eastern Mediterranean Sea SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 10:39:09.4	17.6	140.8	0.9	92	4.9		
WET	e P	Z 10:39:16.4	18.2	139.5	0.9	70	4.8		
FUR	e P	Z 10:39:16.4	18.2	133.8	0.8	160	5.2		
ROTZ	e P	Z 10:39:25.5	18.9	139.2	1.2	41	4.5		
BRG	e P	Z 10:39:27.6	19.1	145.0	1.1	102	5.0		
MANZ	e P	Z 10:39:27.9	19.1	139.4	1.0	51	4.7		
WERN	e P	Z 10:39:29.1	19.2	140.5	1.2	58	4.7		
GRA1	e P	Z 10:39:30.1	19.3	136.9	1.3	194	5.2		
	e S	T 10:42:59.9							
	e L	Z 10:49:10.9			18.8	2069		4.5	
TANN	e P	Z 10:39:30.1	19.3	140.9	0.9	60	4.8		
GUNZ	e P	Z 10:39:30.5	19.3	140.5	0.9	76	4.9		
FBE	e P	Z 10:39:30.7	19.4	143.8	0.9	134	5.2		
WERD	e P	Z 10:39:31.3	19.4	140.6	1.0	66	4.8		
STU	e P	Z 10:39:33.5	19.6	130.9	0.8	137	5.2		
BFO	e P	Z 10:39:35.0	19.8	128.3	0.9	92	5.0		
CLL	e P	Z 10:39:35.2	19.8	143.6	1.2	149	5.1		
MOX	e P	Z 10:39:35.6	19.8	139.5	1.1	87	4.9		
RUE	e P	Z 10:39:43.0	20.5	147.1	1.1	252	5.4		
UBBA	e P	Z 10:39:43.7	20.6	136.5	1.4	59	4.7		
TNS	e P	Z 10:39:48.0	20.9	132.4	0.9	147	5.3		
CLZ	e P	Z 10:39:50.8	21.2	139.1	1.0	63	4.9		
WLF	e P	Z 10:39:57.0	21.7	127.1	0.9	124	5.3		
NRDL	e P	Z 10:39:57.2	21.8	139.6	1.3	103	5.1		
BUG	e P	Z 10:40:02.9	22.3	132.5	0.9	163	5.4		
IBBN	e P	Z 10:40:05.6	22.7	134.9	1.0	134	5.4		
BSEG	e P	Z 10:40:09.1	22.9	142.2	1.1	102	5.2		

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/13 12:36: 4.2 19.300S 174.500W 25.0N  
 Tonga Islands NEIC

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 12:55:57.2	149.3	10.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/13	15:14:23.0	18.420N	104.250W	25.2	5.3	4.8		SZGRF

Near coast of Jalisco, Mexico

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
IBBN	e P	Z	15:27:12.9	88.1	298.3	1.3	25	5.2		
	e pP	Z	15:27:20.0							
BUG	e P	Z	15:27:13.0	88.3	298.0	1.3	25	5.2		
WLF	e P	Z	15:27:14.1	88.5	297.2	1.4	38	5.3		
BSEG	e P	Z	15:27:15.2	88.7	300.3	1.4	48	5.4		
NRDL	e P	Z	15:27:18.2	89.3	300.2	1.4	32	5.2		
	e pP	Z	15:27:25.6							
TNS	e P	Z	15:27:18.9	89.5	298.9	1.3	28	5.4		
CLZ	e P	Z	15:27:20.6	89.8	300.4	1.4	48	5.6		
UBBA	e P	Z	15:27:21.8	90.1	300.1	1.7	33	5.4		
	e pP	Z	15:27:29.5							
BFO	e P	Z	15:27:22.3	90.4	298.8	1.5	18	5.2		
STU	e P	Z	15:27:24.5	90.6	299.5	1.6	28	5.2		
MOX	e P	Z	15:27:26.4	91.0	301.4	1.8	44	5.4		
RUE	e P	Z	15:27:27.3	91.2	303.1	1.4	29	5.3		
GRA1	e P	Z	15:27:28.2	91.3	301.0	1.8	72	5.6		
	e pP	Z	15:27:34.8							
	e S	T	15:38:27.7							
CLL	e L	Z	16:10:42.1	91.4	302.5	20.1	408	5.1	4.8	
	e P	Z	15:27:27.7							
	e S	T	15:38:25.7							
WERD	e P	Z	15:27:28.6	91.5	301.9	1.6	32	5.3		
GUNZ	e P	Z	15:27:29.0	91.6	301.9	1.6	34	5.3		
TANN	e P	Z	15:27:29.2	91.6	302.0	1.6	27	5.2		
	e pP	Z	15:27:36.5							
WERN	e P	Z	15:27:29.4	91.6	302.0	1.7	47	5.5		
	e pP	Z	15:27:37.2							
MANZ	e P	Z	15:27:29.5	91.7	301.7	1.7	36	5.3		
ROTZ	e P	Z	15:27:30.4	91.8	301.8	1.7	38	5.3		
FBE	e P	Z	15:27:30.0	91.8	302.7	1.6	32	5.3		
FUR	e P	Z	15:27:31.9	92.1	301.0	0.9	19	5.3		
BRG	e P	Z	15:27:31.4	92.2	303.2	1.4	23	5.2		
	e pP	Z	15:27:39.1							
WET	e P	Z	15:27:33.6	92.5	302.3	1.6	45	5.6		
GEC2	e P	Z	15:27:36.1	93.1	302.9	1.6	34	5.4		
	e pP	Z	15:27:43.5							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/13	19:03:25.7	70.180N	1.860W	33.0N	4.8	3.7		SZGRF

Jan Mayen Island region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
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BSEG	e P	Z	19:07:25.9	17.1	346.0	1.2	68	4.7		
NRDL	e P	Z	19:07:40.9	18.5	347.2	1.1	42	4.6		
RUE	e P	Z	19:07:47.2	19.1	343.8	0.8	65	4.9		
CLZ	e P	Z	19:07:48.2	19.2	347.4	1.1	49	4.7		
BUG	e P	Z	19:07:48.1	19.2	350.6	1.4	56	4.6		
CLL	e P	Z	19:07:57.5	20.1	345.3	1.4	70	4.7		
UBBA	e P	Z	19:07:58.4	20.1	348.3	1.5	84	4.7		
FBE	e P	Z	19:08:01.9	20.5	345.3	1.2	95	5.0		
MOX	e P	Z	19:08:02.3	20.5	347.0	1.5	112	5.0		
BRG	e P	Z	19:08:02.9	20.7	344.8	1.1	48	4.7		
WERD	e P	Z	19:08:05.5	20.8	346.5	0.9	49	4.8		
WLF	e P	Z	19:08:05.8	20.9	352.4	1.4	42	4.6		
TANN	e P	Z	19:08:06.1	20.9	346.4	3.0	448	5.3		
GUNZ	e P	Z	19:08:06.4	20.9	346.5	1.0	55	4.8		
WERN	e P	Z	19:08:07.5	21.0	346.5	1.2	98	5.0		
MANZ	e P	Z	19:08:09.9	21.2	346.9	1.3	34	4.5		
GRA1	e P	Z	19:08:11.9	21.4	347.9	1.1	48	4.7		
	e L	Z	19:14:46.1			37.5	582		3.7	
ROTZ	e P	Z	19:08:12.2	21.5	347.0	1.0	17	4.4		
STU	e P	Z	19:08:18.5	22.1	350.0	1.4	60	4.8		
WET	e P	Z	19:08:20.3	22.2	346.8	1.6	74	4.9		
BFO	e P	Z	19:08:21.9	22.4	350.9	1.3	68	4.9		
GEC2	e P	Z	19:08:24.3	22.6	346.3	1.3	44	4.8		
FUR	e P	Z	19:08:28.7	22.9	348.6	1.1	73	5.1		

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/13 19:43: 6.8 72.015N 5.326W 33.0N 4.2 3.3 SZGRF  
 Jan Mayen Island region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 19:48:14.7	23.5	347.3	0.9	7	4.2		
	e L	Z 19:54:55.2			36.6	188		3.3	

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/13 21:54: 8.0 58.330S 140.720W 33.0G 5.1 SZGRF  
 Pacific-Antarctic Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e PKPab	Z 22:14:42.7	159.0	233.1					
BFO	e PKPdf	Z 22:14:08.5	159.2	229.6					
TNS	e PKPab	Z 22:14:49.1	160.5	233.6					
BUG	e PKPab	Z 22:14:48.9	160.6	236.8					
FUR	e PKPdf	Z 22:14:09.3	160.6	228.0					
	e PKPab	Z 22:14:49.4							
GRA1	e PKPdf	Z 22:14:10.5	161.6	231.4					

	e PKPab	Z	22:14:52.7						
	e L	Z	23:33:46.1			20.0	297	5.1	
UBBA	e PKPdf	Z	22:14:10.9	161.6	234.6				
	e PKPab	Z	22:14:52.4						
WET	e PKPdf	Z	22:14:10.5	162.1	229.3				
	e PKPab	Z	22:14:55.2						
ROTZ	e PKPab	Z	22:14:55.9	162.1	231.1				
MANZ	e PKPdf	Z	22:14:11.2	162.2	231.7				
HLG	e PKPab	Z	22:14:56.6	162.2	243.8				
GEC2	e PKPdf	Z	22:14:10.8	162.3	228.1				
	e PKPab	Z	22:14:56.0						
MOX	e PKPdf	Z	22:14:11.1	162.4	233.5				
CLZ	e PKPdf	Z	22:14:11.5	162.4	237.1				
WERN	e PKPdf	Z	22:14:11.6	162.5	232.3				
GUNZ	e PKPdf	Z	22:14:11.3	162.6	232.5				
	e PKPab	Z	22:14:58.3						
WERD	e PKPdf	Z	22:14:11.2	162.6	232.7				
	e PKPab	Z	22:14:58.6						
TANN	e PKPdf	Z	22:14:11.5	162.6	232.6				
FBE	e PKPab	Z	22:15:01.6	163.4	233.5				
CLL	e PKPab	Z	22:15:01.9	163.5	234.7				

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/14 01:25:55.4 71.150N 2.770W 33.0N 4.2 SZGRF  
 Jan Mayen Island region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 01:30:07.0	18.1	346.4	1.0	16	4.1		
NRDL	e P	Z 01:30:21.7	19.5	347.6	1.0	9	4.0		
CLZ	e P	Z 01:30:29.2	20.2	347.7	1.0	11	4.0		
CLL	e P	Z 01:30:38.3	21.1	345.9	1.0	15	4.3		
FBE	e P	Z 01:30:42.2	21.5	345.8	1.0	20	4.5		
MOX	e P	Z 01:30:42.8	21.5	347.4	1.1	11	4.2		
TNS	e P	Z 01:30:42.4	21.6	350.1	1.3	12	4.2		
BRG	e P	Z 01:30:44.2	21.7	345.4	1.0	14	4.3		
WERD	e P	Z 01:30:45.9	21.8	346.9	0.9	12	4.4		
TANN	e P	Z 01:30:47.0	21.9	346.8	0.9	8	4.1		
GUNZ	e P	Z 01:30:47.3	21.9	347.0	1.0	13	4.3		
MANZ	e P	Z 01:30:49.8	22.2	347.3	1.1	7	4.0		
GRA1	e P	Z 01:30:52.6	22.4	348.2	0.8	11	4.3		
ROTZ	e P	Z 01:30:53.2	22.5	347.4	0.9	9	4.3		
STU	e P	Z 01:30:59.8	23.1	350.2	1.0	12	4.4		
WET	e P	Z 01:31:01.0	23.2	347.2	1.3	10	4.2		
BFO	e P	Z 01:31:02.2	23.4	351.0	1.1	15	4.5		
GEC2	e P	Z 01:31:04.2	23.6	346.8	1.3	11	4.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/14	13:09:37.5	19.687N	64.689W	34.8	5.4	4.8		SZGRF

Virgin Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z	13:20:01.3	62.8	268.9	1.7	105	5.8		
BFO	e P	Z	13:20:09.6	64.2	271.2	1.0	12	5.1		
UBBA	e P	Z	13:20:16.4	65.3	271.3	1.7	34	5.3		
NRDL	e P	Z	13:20:17.4	65.3	270.6	1.8	58	5.5		
CLZ	e P	Z	13:20:18.9	65.5	271.1	1.1	19	5.2		
GRA1	e P	Z	13:20:21.5	66.1	272.7	1.1	22	5.3		
	e pP	Z	13:20:31.2							
	e PP	Z	13:23:00.9							
	e L	Z	13:43:21.3			21.8	688		4.8	
MOX	e P	Z	13:20:23.0	66.3	272.6	2.2	74	5.5		
MANZ	e P	Z	13:20:25.8	66.7	273.2	1.4	59	5.6		
ROTZ	e P	Z	13:20:25.8	66.7	273.4	1.6	60	5.6		
WERD	e P	Z	13:20:25.9	66.8	273.2	1.8	44	5.4		
GUNZ	e P	Z	13:20:26.1	66.8	273.2	1.7	28	5.2		
TANN	e P	Z	13:20:26.1	66.9	273.3	1.5	30	5.3		
CLL	e P	Z	13:20:29.0	67.1	273.4	1.9	73	5.6		
	e pP	Z	13:20:37.3							
	e PcP	Z	13:20:58.5							
	e PP	Z	13:23:06.1							
	e PS	E	13:29:54.1							
	e SS	N	13:33:55.2							
	e SSS	E	13:37:37.0							
	e LR	Z	13:40:44.0							
	e L	Z	13:44:05.4			22.0	1241		5.1	
WET	e P	Z	13:20:28.2	67.2	274.2	1.5	37	5.3		
FBE	e P	Z	13:20:30.7	67.4	273.8	1.6	66	5.5		
BRG	e P	Z	13:20:32.4	67.8	274.3	1.0	15	5.1		
GEC2	e P	Z	13:20:32.9	67.8	274.9	1.8	48	5.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/14	14:15:59.5	46.792N	153.878E	33.0N	4.9			SZGRF

Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
NRDL	e P	Z	14:27:43.4	76.0	24.6	0.7	6	4.7		
CLL	e P	Z	14:27:44.6	76.3	26.4	0.9	24	5.3		
BRG	e P	Z	14:27:45.0	76.4	27.0	0.8	5	4.7		
CLZ	e P	Z	14:27:46.7	76.5	24.8	0.9	20	5.2		
FBE	e P	Z	14:27:47.0	76.5	26.6	0.8	11	5.0		
TANN	e P	Z	14:27:50.2	77.3	26.0	0.9	5	4.6		
WERD	e P	Z	14:27:50.3	77.3	25.9	0.9	4	4.6		

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MOX	e P	Z	14:27:50.6	77.3	25.4	0.9	9	4.9
GUNZ	e P	Z	14:27:50.8	77.3	25.9	0.9	9	4.9
UBBA	e P	Z	14:27:52.9	77.5	24.4	1.1	8	4.8
MANZ	e P	Z	14:27:53.4	77.7	25.7	0.9	5	4.6
ROTZ	e P	Z	14:27:54.4	77.9	25.7	1.0	9	4.8
GRA1	e P	Z	14:27:56.4	78.2	25.1	0.9	16	5.1
WET	e P	Z	14:27:56.2	78.3	26.1	0.8	8	4.9
GEC2	e P	Z	14:27:56.1	78.3	26.6	0.9	4	4.6
TNS	e P	Z	14:27:57.4	78.5	23.4	0.9	13	5.0
BFO	e P	Z	14:28:06.9	80.3	23.1	1.0	13	4.8

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/14	23:04:15.1	31.534S	179.392E	400.0G				GSRC
Kermadec Islands region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPab	Z 23:23:58.6	157.8	32.1					
BRG	e PKPab	Z 23:23:59.4	157.9	34.6					
FBE	e PKPab	Z 23:23:59.9	158.0	33.4					
CLZ	e PKPab	Z 23:24:00.1	158.2	25.9					
TANN	e PKPab	Z 23:24:03.0	158.8	32.2					
WERD	e PKPab	Z 23:24:01.5	158.8	31.8					
MOX	e PKPab	Z 23:24:03.5	158.8	30.0					
GUNZ	e PKPab	Z 23:24:03.7	158.9	31.9					
MANZ	e PKPab	Z 23:24:05.6	159.3	32.0					
ROTZ	e PKPab	Z 23:24:06.3	159.4	32.5					
WET	e PKPab	Z 23:24:05.1	159.7	34.9					
GRA1	e PKPab	Z 23:24:07.9	159.8	30.4					
FUR	e PKPab	Z 23:24:13.6	161.1	32.8					
BFO	e PKPab	Z 23:24:16.3	161.9	25.2					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/15	01:30:30.1	19.230N	64.633W	29.0	4.8			SZGRF
Virgin Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 01:41:16.2	66.4	272.3	1.4	9	4.8		
	e pP	Z 01:41:24.4							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/15	03:05: 6.9	4.850S	129.330E	39.0N		5.2		SZGRF
Banda Sea								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e Pdiff	Z 03:19:30.4	109.6	72.8					
	e PP	Z 03:24:05.5							
CLL	e Pdiff	Z 03:19:32.2	110.0	71.9					
	e pPdiff	Z 03:19:42.5							
	e PKiKP	Z 03:23:39.5							
	e	03:23:51.5							
	e PP	Z 03:24:09.6							
	e PPP	Z 03:26:16.2							
	e Sdiff	N 03:31:36.8							
	e PS	E 03:33:35.0							
	e PPS	E 03:34:29.8							
	e PKKPdf	Z 03:35:04.1							
	e SS	E 03:39:29.3							
	e SSS	N 03:43:36.8							
	e LR	Z 03:57:51.4							
	e L	Z 04:22:17.3				18.0	1263		5.5
	GEC2	e Pdiff	Z 03:19:33.0	110.3	73.3				
e PP		Z 03:24:09.5							
TANN	e Pdiff	Z 03:19:35.4	110.6	71.7					
	e PP	Z 03:24:12.9							
BSEG	e Pdiff	Z 03:19:35.4	110.7	68.6					
	e PP	Z 03:24:12.0							
WET	e Pdiff	Z 03:19:35.6	110.8	72.6					
	e PP	Z 03:24:13.3							
MANZ	e Pdiff	Z 03:19:37.7	111.0	71.6					
	e PP	Z 03:24:15.4							
ROTZ	e Pdiff	Z 03:19:37.2	111.0	71.8					
	e PP	Z 03:24:15.2							
MOX	e Pdiff	Z 03:19:37.5	111.1	70.9					
	e PP	Z 03:24:16.1							
NRDL	e Pdiff	Z 03:19:37.7	111.3	69.0					
	e PP	Z 03:24:17.0							
GRA1	e Pdiff	Z 03:19:40.3	111.6	71.0					
	e PP	Z 03:24:19.7							
	e	03:33:48.6							
	e	03:34:40.6							
UBBA	e L	E 04:14:00.6			22.0	644		5.2	
	e Pdiff	Z 03:19:40.9	112.0	69.5					
FUR	e PP	Z 03:24:22.4							
	e Pdiff	Z 03:19:41.1	112.1	71.6					
IBBN	e PP	Z 03:24:21.2							
	e Pdiff	Z 03:19:45.1	112.7	67.0					
TNS	e PP	Z 03:24:26.9							
	e Pdiff	Z 03:19:47.4	113.1	68.4					
STU	e PP	Z 03:24:30.7							
	e Pdiff	Z 03:19:45.9	113.2	69.6					
BUG	e PP	Z 03:24:29.9							
	e Pdiff	Z 03:19:47.4	113.3	66.9					

	e PP	Z	03:24:31.2		
BFO	e Pdiff	Z	03:19:49.7	113.9	69.0
	e PP	Z	03:24:34.7		
WLF	e Pdiff	Z	03:19:53.3	114.7	66.6
	e PP	Z	03:24:41.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/15	05:43:46.2	7.104S	149.323E	33.0G		5.4		SZGRF
New Britain, Papua New Guinea, region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPdf	Z	06:02:20.7	122.7	50.7					
	e PP	Z	06:04:12.7							
BRG	e PKPdf	Z	06:02:21.6	122.8	56.0					
	e PP	Z	06:04:12.8							
CLL	e PKPpre	Z	06:02:21.9	123.0	54.8					
	e PKPdf	Z	06:02:25.4			1.5	36			
	e PP	Z	06:04:15.9							
	e PPP	Z	06:06:51.7							
	e PPPP	Z	06:08:47.0							
	e PS	E	06:14:12.7							
	e PPS	N	06:15:38.0							
	e SS	E	06:21:07.0							
	e SSS	E	06:26:01.5							
	e LR	Z	06:44:23.7							
	e L	Z	06:57:09.8			22.0	1709		5.7	
FBE	e PKPdf	Z	06:02:22.2	123.1	55.4					
NRDL	e PKPdf	Z	06:02:21.8	123.7	51.2					
	e PP	Z	06:04:19.6							
TANN	e PKPdf	Z	06:02:23.8	123.8	54.8					
	e PP	Z	06:04:20.2							
WERD	e PKPdf	Z	06:02:23.4	123.9	54.6					
GUNZ	e PKPdf	Z	06:02:23.9	123.9	54.7					
WERN	e PKPdf	Z	06:02:24.1	123.9	54.7					
GEC2	e PKPdf	Z	06:02:24.0	124.0	56.9					
	e PP	Z	06:04:20.6							
MOX	e PKPdf	Z	06:02:23.1	124.1	53.8					
	e PP	Z	06:04:21.7							
MANZ	e PKPdf	Z	06:02:24.6	124.3	54.6					
	e PP	Z	06:04:22.8							
WET	e PKPdf	Z	06:02:24.8	124.3	55.9					
	e PP	Z	06:04:22.8							
ROTZ	e PKPdf	Z	06:02:23.5	124.3	54.9					
	e PP	Z	06:04:23.6							
UBBA	e PKPdf	Z	06:02:25.4	124.8	52.0					
	e PP	Z	06:04:26.8							
GRA1	e PKPdf	Z	06:02:25.9	124.9	53.9					

	e PP	Z	06:04:27.0								
	e Sdiff	R	06:11:50.3								
	e SP	R	06:13:43.2								
	e SS	R	06:21:23.1								
	e L	Z	06:58:40.4			21.8	902			5.4	
IBBN	e PP	Z	06:04:27.5	125.0	48.8						
FUR	e PP	Z	06:04:32.3	125.8	54.8						
BUG	e PP	Z	06:04:32.8	125.8	48.8						
TNS	e PKPdf	Z	06:02:27.9	126.0	50.7						
	e PP	Z	06:04:34.8								
STU	e PKPdf	Z	06:02:29.8	126.5	52.3						
	e PP	Z	06:04:38.0								
BFO	e PKPdf	Z	06:02:30.2	127.2	51.7						
	e PP	Z	06:04:42.3								
WLF	e PKPdf	Z	06:02:30.6	127.5	48.5						
	e PP	Z	06:04:44.3								

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/15 12:26:21.4 51.666N 177.959W 33.0N 5.1 5.1 SZGRF  
 Andreanof Islands, Aleutian Islands, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	12:37:55.7	74.2	5.3	1.1	53	5.5		
NRDL	e P	Z	12:38:04.5	75.6	5.2	1.3	33	5.3		
IBBN	e P	Z	12:38:06.0	75.9	3.7	1.1	68	5.7		
GTTG	e P	Z	12:38:09.5	76.6	5.0	1.1	24	5.3		
CLL	i P	+ Z	12:38:08.6	76.6	7.0	1.4	18	5.0		
	e sP	Z	12:38:26.6							
	e PP	Z	12:40:56.6							
	e PPP	Z	12:42:43.9							
	e S	E	12:47:58.5							
	e ScS	E	12:48:20.2							
	e PS	N	12:48:45.6							
	e (SS)	N	12:53:27.1							
	e SSS	E	12:56:29.8							
	e SSSS	E	12:58:37.4							
	e LR	Z	13:03:34.8							
	e L	Z	13:15:05.0			20.0	1342			5.3
BUG	e P	Z	12:38:11.3	76.8	3.3	1.0	22	5.2		
FBE	e P	Z	12:38:11.4	77.0	7.2	1.0	15	5.1		
BRG	e P	Z	12:38:10.3	77.0	7.5	1.0	10	4.9		
UBBA	e P	Z	12:38:13.4	77.3	5.1	1.6	23	5.1		
WERD	e P	Z	12:38:13.6	77.5	6.5	1.4	19	5.0		
TANN	e P	Z	12:38:14.1	77.5	6.6	1.2	10	4.8		
GUNZ	e P	Z	12:38:14.3	77.6	6.5	0.9	11	5.0		
WERN	e P	Z	12:38:14.7	77.7	6.5	0.9	18	5.2		
TNS	e P	Z	12:38:17.3	78.0	4.1	0.9	15	5.2		

MANZ	e P	Z	12:38:16.8	78.0	6.4	1.0	8	4.8			
ROTZ	e P	Z	12:38:18.1	78.2	6.4	1.2	14	4.9			
GRA1	e P	Z	12:38:18.9	78.3	5.8	0.8	26	5.3			
	e L	Z	13:15:48.4			21.6	870		5.1		
WLF	e P	Z	12:38:21.2	78.6	2.6	1.4	28	5.1			
WET	e P	Z	12:38:20.6	78.8	6.8	1.3	10	4.7			
GEC2	e P	Z	12:38:21.4	79.0	7.3	1.0	8	4.7			
BFO	e P	Z	12:38:26.6	79.9	4.0	0.9	14	4.9			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/15	17:45:36.7	22.600S	175.300W	25.0N				NEIC
Tonga Islands region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 18:05:41.2	152.4	13.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/15	18:10:14.2	42.371N	143.881E	33.0N	4.4			SZGRF
Hokkaido, Japan, region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 18:22:15.5	79.0	33.6	1.0	4	4.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/15	23:53:44.4	22.540S	175.790W	160.4				SZGRF
Tonga Islands region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPpdf	Z 00:13:08.9	148.3	10.8					
RUE	e PKPpdf	Z 00:13:10.7	149.2	17.4					
	e PKPbc	Z 00:13:13.7							
NRDL	e PKPpdf	Z 00:13:12.0	149.7	10.8					
IBBN	e PKPpdf	Z 00:13:12.3	150.1	6.6					
	e PKPbc	Z 00:13:16.3							
	e PKPab	Z 00:13:20.3							
CLL	e PKPpdf	Z 00:13:12.7	150.4	16.6	1.0	48			
	i PKPbc	Z 00:13:17.0			0.8	506			
	e PKPab	Z 00:13:21.5			1.0	212			
	e pPKPpdf	Z 00:13:56.6							
	e pPKPbc	Z 00:13:59.4							
	e pPKPab	Z 00:14:01.9							
	e sPKPbc	Z 00:14:15.2							
	e SKPpdf	Z 00:16:30.2							

	e PKSdf	Z	00:16:46.0				
	e PP	Z	00:16:53.7				
	e pPP	Z	00:17:31.2				
	e SKKSac	N	00:23:22.3				
	e SS	E	00:35:45.0				
	e sSS	E	00:36:52.1				
	e SSS	E	00:41:24.3				
	e sSSS	E	00:42:26.1				
	e SSSS	E	00:45:33.7				
	e LR	Z	01:04:19.1				
	e L	Z	01:22:54.6		22.0	364	5.1
GTTG	e PKPdf	Z	00:13:12.9	150.7	10.9		
	e PKPbc	Z	00:13:17.7				
BRG	e PKPdf	Z	00:13:12.9	150.7	18.6		
	e PKPbc	Z	00:13:17.9				
FBE	e PKPdf	Z	00:13:13.4	150.7	17.5		
	e PKPbc	Z	00:13:18.2				
BUG	e PKPdf	Z	00:13:13.6	151.0	5.8		
	e PKPbc	Z	00:13:18.3				
MOX	e PKPdf	Z	00:13:13.6	151.3	14.4		
	e PKPbc	Z	00:13:19.2				
UBBA	e PKPdf	Z	00:13:13.7	151.4	11.2		
	e PKPbc	Z	00:13:19.0				
	e PKPab	Z	00:13:25.2				
WERD	e PKPdf	Z	00:13:13.8	151.4	15.8		
	e PKPbc	Z	00:13:19.7				
TANN	e PKPdf	Z	00:13:14.1	151.4	16.1		
	e PKPbc	Z	00:13:19.4				
GUNZ	e PKPdf	Z	00:13:14.3	151.5	15.8		
	e PKPbc	Z	00:13:20.0				
MANZ	e PKPdf	Z	00:13:14.8	151.9	15.6		
	e PKPbc	Z	00:13:20.8				
ROTZ	e PKPdf	Z	00:13:15.1	152.1	15.9		
	e PKPbc	Z	00:13:21.2				
TNS	e PKPdf	Z	00:13:15.4	152.1	8.4		
	e PKPbc	Z	00:13:21.4				
GRA1	e PKPdf	Z	00:13:15.9	152.3	14.0		
	e PKPbc	Z	00:13:21.7				
	e PKPab	Z	00:13:29.1				
	e pPKPbc	Z	00:14:03.4				
	e PP	Z	00:16:51.0				
	e pPP	Z	00:17:54.1				
WET	e PKPdf	Z	00:13:15.8	152.5	17.6		
	e PKPbc	Z	00:13:22.2				
	e PKPab	Z	00:13:30.2				
	e pPKPbc	Z	00:14:03.3				
GEC2	e PKPdf	Z	00:13:15.9	152.6	19.4		
	e PKPbc	Z	00:13:22.2				
WLF	e PKPdf	Z	00:13:16.8	152.8	3.9		

	e	PKPbc	Z	00:13:23.4			
	e	pPKPbc	Z	00:14:05.5			
STU	e	PKPdf	Z	00:13:17.8	153.5	10.3	
	e	PKPbc	Z	00:13:24.4			
	e	PKPab	Z	00:13:34.2			
FUR	e	PKPdf	Z	00:13:17.9	153.8	14.9	
	e	PKPbc	Z	00:13:24.8			
	e	PKPab	Z	00:13:35.8			
	e	pPKPbc	Z	00:14:06.7			
BFO	e	PKPdf	Z	00:13:18.1	154.0	8.7	
	e	PKPbc	Z	00:13:25.2			
	e	PKPab	Z	00:13:36.3			
	e	pPKPbc	Z	00:14:08.1			

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/16 08:00:22.6 13.777N 54.063E 25.0 4.9 3.8  
 Socotra region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	08:09:01.4	48.2	122.5	1.9	16	4.8		
BRG	e P	Z	08:09:08.9	49.2	124.2	0.9	11	4.9		
ROTZ	e P	Z	08:09:11.8	49.5	121.6					
FBE	e P	Z	08:09:11.5	49.5	123.6					
	e pP	Z	08:09:18.3							
MANZ	e P	Z	08:09:13.1	49.7	121.6					
TANN	e P	Z	08:09:13.3	49.7	122.3					
GUNZ	e P	Z	08:09:13.7	49.8	122.1					
WERD	e P	Z	08:09:14.4	49.8	122.2					
	e pP	Z	08:09:20.7							
CLL	e P	Z	08:09:14.5	49.9	123.5	1.6	46	5.2		
GRA1	e P	Z	08:09:15.4	50.0	120.5	0.7	26	5.2		
	e pP	Z	08:09:21.8							
	e L	Z	08:33:31.9			21.1	101		3.8	
RUE	e P	Z	08:09:16.6	50.2	125.2					
MOX	e P	Z	08:09:17.8	50.3	121.6	0.9	15	4.9		
	e pP	Z	08:09:23.9							
BFO	e P	Z	08:09:23.4	51.1	116.6	1.1	18	4.9		
	e pP	Z	08:09:30.9							
UBBA	e P	Z	08:09:24.7	51.3	120.0					
GTTG	e P	Z	08:09:28.1	51.7	120.5					
TNS	e P	Z	08:09:28.9	51.9	118.0	1.1	13	4.8		
	e pP	Z	08:09:36.5							
NRDL	e P	Z	08:09:30.9	52.1	121.3					
BSEG	e P	Z	08:09:35.6	52.7	122.4	0.9	10	4.7		
WLF	e P	Z	08:09:37.5	52.9	115.4					
BUG	e P	Z	08:09:38.6	53.1	117.7	1.1	23	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source			
2006/08/16											
	Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML	
	GRA1	e PKP	Z 17:13:50.7								
Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source			
2006/08/16	18:39:13.1	27.280S	59.590E	33.0N	5.8	5.1		SZGRF			
South Indian Ocean											
	Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML	
	GEC2	e P	Z 18:51:51.1	86.4	140.3	1.6	52	5.4			
	FUR	e P	Z 18:51:54.8	87.0	138.3	1.0	301	6.4			
	WET	e P	Z 18:51:53.8	87.0	139.6	1.4	46	5.4			
	ROTZ	e P	Z 18:51:58.1	87.8	139.1	1.8	110	5.7			
	BRG	e P	Z 18:51:58.8	87.9	140.5	1.6	162	6.1			
	MANZ	e P	Z 18:51:59.0	88.0	139.0	1.2	57	5.8			
	GRA1	e P	Z 18:51:59.9	88.1	138.3	1.6	209	6.2			
		e S	T 19:02:48.1								
		e L	Z 19:30:53.1			21.7	855		5.1		
	TANN	e P	Z 18:52:00.3	88.2	139.3	1.5	107	6.0			
	GUNZ	e P	Z 18:52:00.5	88.2	139.2	1.7	258	6.3			
	FBE	e P	Z 18:52:00.2	88.2	140.0	1.8	221	6.2			
	WERD	e P	Z 18:52:00.7	88.3	139.2	1.7	159	6.1			
	STU	e P	Z 18:52:00.9	88.4	136.8	0.9	35	5.7			
	BFO	e P	Z 18:52:01.4	88.4	136.1	1.7	112	5.9			
	CLL	i P	- Z 18:52:02.4	88.6	139.8	1.5	66	5.7			
		e	18:52:07.1			2.1	230				
		e PP	Z 18:55:43.2								
		e SKSac	E 19:02:32.3								
		e S	E 19:02:57.3								
		e PS	N 19:04:08.5								
		e PPS	Z 19:04:36.0								
		e SS	N 19:09:02.3								
		e SSS	Z 19:12:41.0								
		e LR	Z 19:22:33.7								
		e L	Z 19:27:52.1			20.0	619		5.0		
	MOX	e P	Z 18:52:02.6	88.7	138.7	1.3	58	5.8			
	RUE	e P	Z 18:52:04.6	89.2	140.4	1.1	70	5.8			
	UBBA	e P	Z 18:52:06.3	89.5	137.4	1.7	61	5.6			
	TNS	e P	Z 18:52:07.6	89.7	136.2	1.9	71	5.6			
	GTTG	e P	Z 18:52:08.9	90.1	137.4	1.1	16	5.2			
	WLF	e P	Z 18:52:10.2	90.4	134.4	1.2	33	5.4			
	NRDL	e P	Z 18:52:12.8	90.7	137.5	1.5	35	5.4			
	BUG	e P	Z 18:52:13.8	91.1	135.3	1.2	22	5.4			

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IBBN	e P	Z	18:52:15.5	91.5	135.7	0.6	21	5.6
BSEG	e P	Z	18:52:15.8	91.7	137.6	1.1	38	5.6

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/16	19:17:50.8	34.406N	26.541E	10.0G	4.3			SZGRF
Crete, Greece								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 19:21:50.2	17.3	141.9	0.9	17	4.2		
FUR	e P	Z 19:21:59.2	17.8	134.9	0.9	45	4.6		
WET	e P	Z 19:21:57.8	17.9	140.5	1.3	28	4.2		
ROTZ	e P	Z 19:22:05.9	18.6	140.2	0.8	6	3.8		
MANZ	e P	Z 19:22:08.3	18.8	140.4	1.1	10	4.0		
BRG	e P	Z 19:22:09.9	18.8	146.1	1.0	18	4.2		
GRA1	e P	Z 19:22:10.9	19.0	137.9	1.2	46	4.6		
TANN	e P	Z 19:22:10.8	19.0	142.0	1.1	20	4.2		
GUNZ	e P	Z 19:22:11.5	19.0	141.6	1.2	23	4.3		
FBE	e P	Z 19:22:12.3	19.1	144.9	1.0	38	4.6		
WERD	e P	Z 19:22:11.7	19.1	141.7	1.1	18	4.2		
BFO	e P	Z 19:22:16.1	19.4	129.1	0.9	17	4.3		
CLL	e P	Z 19:22:17.3	19.5	144.7	1.1	18	4.2		
MOX	e P	Z 19:22:18.3	19.5	140.5	0.9	13	4.1		
TNS	e P	Z 19:22:29.0	20.6	133.3	1.1	34	4.6		
GTTG	e P	Z 19:22:32.5	20.9	138.7	1.0	72	4.9		
WLF	e P	Z 19:22:37.5	21.4	127.9	1.0	45	4.7		
NRDL	e P	Z 19:22:40.4	21.6	140.6	1.2	21	4.4		
BSEG	e P	Z 19:22:50.9	22.6	143.2	0.8	11	4.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/17	01:22:44.9	52.560N	159.840E	33.0N	4.9			SZGRF
Off east coast of Kamchatka Peninsula, Russia								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 01:33:59.3	70.5	19.1	1.0	15	5.1		
RUE	e P	Z 01:34:03.5	71.2	21.0	1.1	44	5.5		
NRDL	e P	Z 01:34:08.3	71.9	18.8	1.0	10	4.9		
CLL	e P	Z 01:34:10.2	72.4	20.4	1.1	25	5.3		
IBBN	e P	Z 01:34:11.5	72.6	17.4	0.8	16	5.2		
BRG	e P	Z 01:34:11.9	72.6	20.9	1.1	11	4.9		
FBE	e P	Z 01:34:12.8	72.7	20.6	1.2	18	5.1		
MOX	e P	Z 01:34:16.2	73.4	19.5	1.2	10	4.7		
TANN	e P	Z 01:34:16.9	73.4	20.0	1.3	9	4.6		
WERD	e P	Z 01:34:16.4	73.4	19.9	1.2	11	4.8		
GUNZ	e P	Z 01:34:17.0	73.5	19.9	1.0	6	4.6		
UBBA	e P	Z 01:34:17.1	73.5	18.6	1.5	19	4.9		

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MANZ	e P	Z	01:34:19.2	73.9	19.7	1.0	5	4.5
ROTZ	e P	Z	01:34:20.4	74.1	19.8	1.2	10	4.7
GRA1	e P	Z	01:34:22.4	74.4	19.2	0.9	16	5.0
WET	e P	Z	01:34:23.3	74.5	20.1	1.0	12	4.9
GEC2	e P	Z	01:34:23.6	74.6	20.6	1.0	8	4.7
BFO	e P	Z	01:34:32.7	76.2	17.4	0.9	6	4.8

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/17	08:38:27.3	27.506S	60.312E	22.8	5.4			SZGRF

South Indian Ocean

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 08:51:17.5	88.7	137.9	1.8	36	5.4		
	e pP	Z 08:51:24.2							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/17	08:53:1.5	28.786S	61.488E	33.0N	4.9			SZGRF

Southwest Indian Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 09:05:59.3	90.3	137.6	1.0	9	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/17	11:11:27.8	55.060N	162.900E	14.7	6.4	5.1		SZGRF

Near east coast of Kamchatka Peninsula, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e P	Z 11:22:23.8	67.6	18.3	1.3	937	6.9		
BSEG	e P	Z 11:22:30.7	68.7	16.4	1.2	357	6.5		
HLG	e P	Z 11:22:31.7	68.8	15.0	1.2	391	6.5		
RUE	e P	Z 11:22:35.2	69.5	18.3	1.3	654	6.6		
NRDL	e P	Z 11:22:40.2	70.1	16.2	1.2	198	6.1		
IBBN	e P	Z 11:22:42.7	70.7	14.8	1.2	431	6.5		
CLL	i P	+ Z 11:22:42.8	70.7	17.7	1.3	738	6.7		
	e pP	Z 11:23:00.0							
	e PP	Z 11:25:19.8							
	e PPP	Z 11:27:16.8							
	e S	N 11:31:50.2							
	e sS	N 11:32:17.4							
	e SS	N 11:36:20.9							
	e LR	Z 11:45:58.7							
	e PKPPKP	Z 11:50:38.9							
	e pPKPPKP	Z 11:50:55.7							

	e L	Z	11:56:24.1				22.0	1540		5.2
BRG	e P	Z	11:22:44.1	71.0	18.2	1.2		343	6.3	
FBE	e P	Z	11:22:44.8	71.0	17.9	1.3		687	6.6	
GTTG	e P	Z	11:22:45.0	71.0	16.0	1.4		276	6.2	
BUG	e P	Z	11:22:48.1	71.6	14.4	1.1		292	6.3	
MOX	e P	Z	11:22:48.4	71.6	16.9	1.2		380	6.4	
WERD	e P	Z	11:22:48.9	71.7	17.2	1.3		510	6.5	
TANN	e P	Z	11:22:49.0	71.7	17.3	1.3		325	6.3	
UBBA	e P	Z	11:22:49.1	71.7	15.9	1.4		303	6.2	
GUNZ	e P	Z	11:22:49.6	71.8	17.2	1.5		573	6.5	
MANZ	e P	Z	11:22:51.8	72.2	17.1	1.2		290	6.3	
ROTZ	e P	Z	11:22:53.3	72.3	17.1	1.3		476	6.5	
TNS	e P	Z	11:22:54.3	72.6	15.0	1.5		300	6.2	
GRA1	e P	Z	11:22:54.8	72.6	16.5	1.4		834	6.7	
	e pP	Z	11:22:59.0							
	e PP	Z	11:25:34.3							
	e S	R	11:32:12.4							
	e L	Z	11:57:09.0				21.7	1160		5.1
WET	e P	Z	11:22:56.0	72.8	17.4	1.3		470	6.5	
GEC2	e P	Z	11:22:56.3	72.9	17.9	1.2		257	6.2	
WLF	e P	Z	11:22:59.8	73.5	13.6	1.3		224	6.0	
STU	e P	Z	11:23:01.6	73.9	15.3	1.1		238	6.1	
FUR	e P	Z	11:23:03.1	74.1	16.4	1.1		349	6.3	
BFO	e P	Z	11:23:04.9	74.4	14.8	1.2		259	6.1	

Date 2006/08/17 Origin Time 12:24:17.9 Lat 29.658N Long 67.401E Depth 33.0N mb 4.8 Ms ML Source SZGRF  
Pakistan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 12:32:41.2	46.4	93.9	1.3	13	4.8		

Date 2006/08/17 Origin Time 15:20:35.2 Lat 46.550N Long 142.350E Depth 20.9 mb 6.2 Ms 5.7 ML Source SZGRF  
Sakhalin Island, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e P	Z 15:31:48.1	70.1	34.6	1.5	737	6.6		
BSEG	e P	Z 15:31:57.1	71.6	32.6	1.5	329	6.2		
	e S	R 15:41:17.0							
RUE	e P	Z 15:31:57.3	71.7	34.5	1.3	449	6.4		
HLG	e P	Z 15:32:00.4	72.1	31.0	1.2	402	6.4		
NRDL	e P	Z 15:32:05.5	72.9	32.2	1.5	309	6.2		
	e PP	Z 15:34:49.3							
CLL	i P	+ Z 15:32:04.5	72.9	33.8	1.2	401	6.4		

	e pP	Z	15:32:10.3						
	e PP	Z	15:34:49.1						
	e PPP	Z	15:36:30.7						
	e S	E	15:41:30.7						
	e PPS	Z	15:42:16.3						
	e SS	N	15:46:11.8						
	e SSS	N	15:49:40.9						
	e L	Z	16:07:13.9			20.0	4010		5.7
BRG	e P	Z	15:32:04.6	72.9	34.3	1.9	416	6.2	
	e PP	Z	15:34:49.3						
	e S	R	15:41:31.2						
FBE	e P	Z	15:32:05.7	73.1	34.0	1.2	309	6.3	
IBBN	e P	Z	15:32:09.8	73.8	30.7	1.3	457	6.3	
	e pP	Z	15:32:15.9						
	e PP	Z	15:34:56.4						
TANN	e P	Z	15:32:10.2	73.8	33.3	1.9	276	6.0	
	e S	R	15:41:41.4						
WERD	e P	Z	15:32:10.3	73.9	33.2	1.5	262	6.0	
GUNZ	e P	Z	15:32:10.8	73.9	33.2	1.1	135	5.9	
MOX	e P	Z	15:32:10.8	73.9	32.8	1.4	310	6.1	
	e pP	Z	15:32:16.8						
	e PP	Z	15:34:57.3						
	e S	R	15:41:42.8						
MANZ	e P	Z	15:32:13.2	74.3	33.0	1.2	119	5.8	
UBBA	e P	Z	15:32:12.8	74.3	31.9	1.5	255	6.0	
	e S	R	15:41:47.3						
ROTZ	e P	Z	15:32:14.2	74.5	33.1	1.2	183	6.0	
BUG	e P	Z	15:32:15.0	74.7	30.2	1.4	510	6.4	
	e PP	Z	15:35:03.7						
	e S	R	15:41:52.2						
GEC2	e P	Z	15:32:15.1	74.7	33.8	1.2	120	5.8	
	e S	R	15:41:52.9						
WET	e P	Z	15:32:15.9	74.7	33.4	1.3	312	6.2	
	e pP	Z	15:32:21.8						
	e S	R	15:41:51.2						
GRA1	e P	Z	15:32:16.7	74.9	32.5	1.3	581	6.5	
	e pP	Z	15:32:22.4						
	e PP	Z	15:35:03.8						
	e S	R	15:41:55.4						
	e L	Z	16:08:33.1			18.1	3739		5.7
TNS	e P	Z	15:32:19.1	75.4	30.8	1.3	297	6.3	
	e PP	Z	15:35:09.7						
FUR	e P	Z	15:32:23.8	76.1	32.3	1.2	666	6.6	
STU	e P	Z	15:32:24.6	76.4	31.1	1.1	360	6.4	
	e PP	Z	15:35:18.9						
WLF	e P	Z	15:32:26.1	76.6	29.3	1.3	128	5.9	
BFO	e P	Z	15:32:28.4	77.0	30.5	1.3	376	6.4	
	e S	R	15:42:15.2						

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/17	20:50:58.2	23.420S	179.780W	33.0G				SZGRF
South of Fiji Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	21:10:40.9	148.6	18.0					
NRDL	e PKPbc	Z	21:10:45.8	150.0	18.3					
BRG	e PKPbc	Z	21:10:46.9	150.6	26.3					
FBE	e PKPbc	Z	21:10:47.1	150.7	25.2					
MOX	e PKPbc	Z	21:10:48.7	151.4	22.2					
TANN	e PKPbc	Z	21:10:48.6	151.4	24.0					
WERD	e PKPbc	Z	21:10:48.7	151.4	23.7					
GUNZ	e PKPbc	Z	21:10:49.0	151.5	23.8					
UBBA	e PKPbc	Z	21:10:49.2	151.6	19.1					
MANZ	e PKPbc	Z	21:10:50.0	151.9	23.6					
ROTZ	e PKPbc	Z	21:10:50.1	152.0	24.0					
GRA1	e PKPbc	Z	21:10:50.6	152.3	22.2					
GEC2	e PKPbc	Z	21:10:51.0	152.4	27.5					
TNS	e PKPbc	Z	21:10:50.6	152.4	16.5					
WLF	e PKPbc	Z	21:10:53.6	153.3	12.2					
STU	e PKPbc	Z	21:10:54.1	153.7	18.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/17	22:40: 8.9	46.874N	141.012E	19.0	4.7			SZGRF
Sakhalin Island, Russia								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	22:51:24.8	70.9	33.3	0.9	6	4.7		
CLL	e P	Z	22:51:32.0	72.2	34.5	1.1	14	5.0		
BRG	e P	Z	22:51:32.7	72.2	35.0	1.4	10	4.7		
FBE	e P	Z	22:51:33.4	72.3	34.6	1.0	8	4.8		
WERD	e P	Z	22:51:38.0	73.1	33.9	1.5	7	4.6		
GUNZ	e P	Z	22:51:38.6	73.2	33.9	1.1	8	4.7		
MOX	e P	Z	22:51:38.0	73.2	33.5	1.4	11	4.7		
MANZ	e P	Z	22:51:40.8	73.6	33.7	1.2	5	4.4		
UBBA	e P	Z	22:51:40.7	73.6	32.5					
ROTZ	e P	Z	22:51:41.8	73.7	33.7	1.5	8	4.5		
GEC2	e P	Z	22:51:42.6	73.9	34.5	1.6	8	4.5		
WET	e P	Z	22:51:42.7	74.0	34.0	1.0	10	4.8		
GRA1	e P	Z	22:51:44.3	74.1	33.1	1.4	30	5.1		
	e pP	Z	22:51:49.8							
TNS	e P	Z	22:51:47.0	74.6	31.5	1.3	12	4.8		
STU	e P	Z	22:51:52.7	75.6	31.7	1.0	17	5.1		
BFO	e P	Z	22:51:56.3	76.3	31.2	1.1	7	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/18	11:45:57.2	38.181N	68.747E	33.0N	4.2			SZGRF

Tajikistan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 11:53:44.7	41.9	83.3	0.7	3	4.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/18	17:43:34.0	3.965N	94.579E	33.0N	4.6			SZGRF

Off west coast of northern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 17:55:46.0	81.0	94.3	1.0	6	4.6		
WET	e P	Z 17:55:48.7	81.6	93.7	1.2	5	4.6		
TANN	e P	Z 17:55:50.9	81.9	93.6	0.8	2	4.3		
WERN	e P	Z 17:55:51.9	82.0	93.5	1.0	4	4.5		
WERD	e P	Z 17:55:50.3	82.0	93.4	1.2	4	4.4		
ROTZ	e P	Z 17:55:51.8	82.0	93.3	1.2	6	4.6		
MANZ	e P	Z 17:55:51.9	82.1	93.2	1.0	7	4.8		
GRA1	e P	Z 17:55:54.6	82.7	92.5	0.9	8	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/18	20:45: 1.6	67.167N	5.246W	33.0N	3.6			SZGRF

Norwegian Sea

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 20:49:24.8	19.3	340.6	0.8	3	3.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/18								SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKPbc	Z 22:29:07.1							
CLL	e PKPbc	Z 22:29:07.4							
FBE	e PKPbc	Z 22:29:07.9							
GEC2	e PKPbc	Z 22:29:13.2							
GUNZ	e PKPbc	Z 22:29:11.1							
MANZ	e PKPbc	Z 22:29:11.6							
NEUB	e PKPbc	Z 22:29:08.8							
WERN	e PKPbc	Z 22:29:11.5							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/19	05:41:27.7	16.320N	97.988W	34.9	5.2	5.3		SZGRF

Oaxaca, Mexico

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z	05:54:07.0	86.4	291.2	1.9	74	5.8		
BUG	e P	Z	05:54:08.2	86.4	291.9					
BSEG	e P	Z	05:54:11.7	87.2	294.2	1.5	15	5.1		
TNS	e P	Z	05:54:12.8	87.6	292.9	0.8	7	5.0		
GTTG	e P	Z	05:54:15.5	87.9	294.0	0.7	5	5.0		
UBBA	e P	Z	05:54:15.9	88.2	294.0	1.4	8	4.9		
MOX	e P	Z	05:54:20.3	89.2	295.3	1.1	7	5.1		
GRA1	e P	Z	05:54:21.3	89.4	295.0					
	e pP	Z	05:54:31.0							
	e sP	Z	05:54:34.7							
	e PP	Z	05:57:51.7							
	e L	Z	06:33:23.0			21.7	1198		5.3	
WERD	e P	Z	05:54:23.0	89.7	295.8	1.2	7	5.1		
GUNZ	e P	Z	05:54:23.1	89.8	295.8	1.5	17	5.3		
MANZ	e P	Z	05:54:23.1	89.8	295.7					
TANN	e P	Z	05:54:23.8	89.8	295.9	1.0	5	5.0		
WERN	e P	Z	05:54:23.5	89.8	295.9	1.5	18	5.4		
ROTZ	e P	Z	05:54:24.3	90.0	295.7	1.3	8	5.1		
FBE	e P	Z	05:54:24.6	90.1	296.6	1.3	11	5.2		
BRG	e P	Z	05:54:26.8	90.5	297.1	1.5	15	5.4		
WET	e P	Z	05:54:27.1	90.6	296.3	1.1	11	5.4		
GEC2	e P	Z	05:54:29.1	91.3	296.9	1.4	9	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/19	06:42:22.9	19.172S	178.175W	33.0N				SZGRF

Fiji Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPbc	Z	07:02:00.0	146.7	19.5					
BRG	e PKPbc	Z	07:02:01.3	146.9	21.3					
FBE	e PKPbc	Z	07:02:00.9	147.0	20.3					
MOX	e PKPbc	Z	07:02:02.8	147.6	17.4					
TANN	e PKPbc	Z	07:02:03.2	147.6	19.0					
WERD	e PKPbc	Z	07:02:03.2	147.6	18.7					
UBBA	e PKPbc	Z	07:02:03.5	147.7	14.6					
WERN	e PKPbc	Z	07:02:04.0	147.8	18.9					
MANZ	e PKPbc	Z	07:02:04.4	148.1	18.6					
ROTZ	e PKPbc	Z	07:02:05.0	148.3	18.9					
GRA1	e PKPbc	Z	07:02:06.1	148.6	17.2					
WET	e PKPbc	Z	07:02:05.9	148.7	20.4					

GEC2	e	PKPbc	Z	07:02:05.1	148.8	22.1
WLF	e	PKPbc	Z	07:02:07.6	149.3	8.0
BFO	e	PKPbc	Z	07:02:09.8	150.4	12.5

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/19	10:28:3.8	25.290S	174.580W	33.0N				SZGRF
South of Tonga Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPdf	Z 10:47:47.7	151.1	9.2					
	e	PKPbc	Z 10:47:53.6							
	e	PKPab	Z 10:48:01.9							
RUE	e	PKPbc	Z 10:47:55.4	152.1	16.3					
	NRDL	e	PKPdf	Z 10:47:49.6	152.6	9.2				
		e	PKPbc	Z 10:47:56.6						
e		PKPab	Z 10:48:07.0							
IBBN	e	PKPbc	Z 10:47:57.6	152.9	4.7					
	e	PKPab	Z 10:48:09.1							
CLL	e	PKPdf	Z 10:47:50.1	153.3	15.4					
	e	PKPbc	Z 10:47:58.0							
GTTG	e	PKPbc	Z 10:47:58.8	153.5	9.2					
	e	PKPab	Z 10:48:11.7							
BRG	e	PKPdf	Z 10:47:50.4	153.6	17.5					
	e	PKPbc	Z 10:47:58.7							
FBE	e	PKPdf	Z 10:47:50.8	153.7	16.3					
	e	PKPbc	Z 10:47:59.0							
UBBA	e	PKPbc	Z 10:48:00.1	154.2	9.6					
	WERD	e	PKPdf	Z 10:47:51.7	154.3	14.5				
e		PKPbc	Z 10:48:00.3							
e		PKPab	Z 10:48:14.2							
TANN	e	PKPdf	Z 10:47:51.7	154.3	14.8					
	e	PKPbc	Z 10:48:00.3							
	e	PKPab	Z 10:48:14.3							
GUNZ	e	PKPdf	Z 10:47:51.7	154.4	14.6					
	e	PKPbc	Z 10:48:00.4							
	e	PKPab	Z 10:48:14.7							
WERN	e	PKPdf	Z 10:47:52.1	154.4	14.7					
	e	PKPbc	Z 10:48:00.9							
	e	PKPab	Z 10:48:15.0							
MANZ	e	PKPdf	Z 10:47:52.3	154.8	14.3					
	e	PKPbc	Z 10:48:01.0							
TNS	e	PKPdf	Z 10:47:52.8	155.0	6.5					
	e	PKPbc	Z 10:48:01.8							
	e	PKPab	Z 10:48:17.9							
ROTZ	e	PKPbc	Z 10:48:01.7	155.0	14.6					
	e	PKPab	Z 10:48:17.2							
GRA1	e	PKP	Z 10:47:52.9	155.2	12.6					

	e	PKPab	Z	10:48:18.9					
WET	e	PKPdf	Z	10:47:53.2	155.4	16.4			
	e	PKPab	Z	10:48:19.3					
GEC2	e	PKPbc	Z	10:48:02.6	155.6	18.4			
WLF	e	PKPab	Z	10:48:21.3	155.6	1.6			
STU	e	PKPdf	Z	10:47:54.6	156.3	8.5			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/19	11:58:22.0	4.259N	95.214E	23.4	4.6			SZGRF

Northern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 12:10:43.6	82.9	91.8	1.5	6	4.6		
	e pP	Z 12:10:50.4							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/19	11:59:20.0	21.360S	167.460E	34.5				SZGRF

Loyalty Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WERD	e PKPbc	Z 12:18:52.6	145.0	43.0					
GUNZ	e PKPbc	Z 12:18:52.9	145.0	43.1					
	e pPKPbc	Z 12:19:03.6							
WERN	e PKPbc	Z 12:18:52.7	145.1	43.3					
	e pPKPbc	Z 12:19:02.7							
MOX	e PKPbc	Z 12:18:52.7	145.1	41.8					
ROTZ	e PKPbc	Z 12:18:54.4	145.5	43.5					
	e pPKPbc	Z 12:19:04.9							
UBBA	e PKPbc	Z 12:18:53.8	145.7	39.3					
GRA1	e PKPbc	Z 12:18:55.9	146.0	42.2					
TNS	e PKPbc	Z 12:18:58.1	146.7	37.5					
	e pPKPbc	Z 12:19:08.5							
WLF	e PKPbc	Z 12:19:02.4	148.1	34.4					
	e pPKPbc	Z 12:19:12.4							
BFO	e pPKPbc	Z 12:19:12.4	148.3	39.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/19	16:06: 9.1	27.940S	59.970E	23.9	5.3			SZGRF

South Indian Ocean

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
ARSA	e P	Z 16:18:42.9	85.2	141.6					
MOA	e P	Z 16:18:47.4	86.2	140.7					

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WTTA	e P	Z	16:18:50.9	86.9	138.6						
GEC2	e P	Z	16:18:51.7	87.2	140.3						
WET	e P	Z	16:18:54.3	87.8	139.6						
ROTZ	e P	Z	16:18:58.7	88.5	139.1	1.7	23	5.2			
BRG	e P	Z	16:18:59.3	88.6	140.5	1.5	29	5.4			
MANZ	e P	Z	16:18:59.5	88.7	139.1	1.3	11	5.0			
WERN	e P	Z	16:19:00.6	88.8	139.3	1.6	35	5.3			
GRA1	e P	Z	16:19:00.4	88.9	138.4	1.8	69	5.6			
	e pP	Z	16:19:07.2								
TANN	e P	Z	16:19:00.7	88.9	139.3	1.5	26	5.2			
GUNZ	e P	Z	16:19:01.0	88.9	139.2	1.5	40	5.4			
FBE	e P	Z	16:19:00.6	88.9	140.0	1.7	39	5.4			
	e pP	Z	16:19:07.6								
WERD	e P	Z	16:19:01.2	89.0	139.2	1.7	37	5.3			
CLL	e P	Z	16:19:02.7	89.4	139.8	1.6	25	5.2			
	e pP	Z	16:19:09.7								
MOX	e P	Z	16:19:03.2	89.4	138.7	1.6	24	5.2			
RUE	e P	Z	16:19:05.2	89.9	140.4	1.2	19	5.2			

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/19 16:07:28.8 27.530S 59.070E 33.0N 5.2  
 South Indian Ocean

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
MOA	e P	Z 16:20:02.2	85.4	141.2					
WTTA	e P	Z 16:20:05.6	86.1	139.1					
GEC2	e P	Z 16:20:06.3	86.4	140.8					
ROTZ	e P	Z 16:20:13.4	87.8	139.6	2.2	34	5.1		
BRG	e P	Z 16:20:14.1	87.9	141.0	1.7	17	5.1		
MANZ	e P	Z 16:20:14.2	88.0	139.6	1.7	14	5.0		
WERN	e P	Z 16:20:15.3	88.1	139.8	1.7	18	5.1		
GRA1	e P	Z 16:20:14.8	88.1	138.9	1.7	28	5.3		
TANN	e P	Z 16:20:15.5	88.2	139.9	1.9	24	5.2		
GUNZ	e P	Z 16:20:15.7	88.2	139.8	1.7	26	5.3		
FBE	e P	Z 16:20:15.4	88.2	140.6	1.8	31	5.3		
WERD	e P	Z 16:20:15.9	88.3	139.7	1.7	20	5.2		
CLL	e P	Z 16:20:17.4	88.6	140.3	1.9	18	5.1		
MOX	e P	Z 16:20:17.8	88.7	139.2	1.7	14	5.0		

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/20 00:50:27.7 39.177N 72.584E 126.1 4.3  
 Kyrgyzstan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 00:58:30.4	43.8	79.6	1.5	9	4.3		

e pP Z 00:58:59.0

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/20	01:58:24.3	40.543N	143.729E	29.4	5.1	4.7		SZGRF

Off east coast of Honshu, Japan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 02:10:16.6	77.4	34.4					
CLL	e P	Z 02:10:22.6	78.6	36.0					
BRG	e P	Z 02:10:22.6	78.6	36.6					
NRDL	e P	Z 02:10:23.4	78.7	34.1					
IBBN	e P	Z 02:10:28.6	79.6	32.5					
MOX	e P	Z 02:10:28.4	79.7	35.0					
MANZ	e P	Z 02:10:31.1	80.0	35.2					
ROTZ	e P	Z 02:10:32.0	80.2	35.3					
GEC2	e P	Z 02:10:32.2	80.3	36.2					
WET	e P	Z 02:10:33.0	80.4	35.7					
GRA1	e P	Z 02:10:34.0	80.6	34.6	1.3	25	5.1		
	e pP	Z 02:10:42.5							
	e PP	Z 02:13:36.3							
	e S	E 02:20:49.8							
	e L	Z 02:51:48.4			18.8	313		4.7	
TNS	e P	Z 02:10:36.6	81.1	32.8					
FUR	e P	Z 02:10:40.4	81.8	34.5					
STU	e P	Z 02:10:41.5	82.1	33.2					
BFO	e P	Z 02:10:44.9	82.8	32.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/20	02:37:10.1	21.620N	71.471E	33.0N	4.8			SZGRF

Southern India

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 02:46:35.6	54.6	98.0	1.3	14	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/20	03:01:13.6	51.065N	154.921E	33.0N	5.8	6.1		SZGRF

Northwest of Kuril Islands, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 03:12:27.9	70.9	22.7	0.9	41	5.5		
NRDL	e P	Z 03:12:35.8	72.3	22.3					
CLL	i P	+ Z 03:12:37.9	72.7	24.0	1.0	106	5.8		
	e pP	Z 03:12:45.5							

	e PP	Z	03:15:21.4								
	e PPP	Z	03:17:14.4								
	e S	E	03:22:09.0								
	e PPS	N	03:23:06.1								
	e SS	E	03:27:08.8								
	e SSS	E	03:30:25.5								
	e SSSS	Z	03:32:10.5								
	e LQ	E	03:36:32.1								
	e LR	Z	03:41:03.0								
	e L	Z	03:47:38.1			22.0	9860			6.1	
BRG	e P	Z	03:12:38.8	72.8	24.5	1.3	49		5.5		
IBBN	e P	Z	03:12:40.4	73.0	20.9	0.9	86		5.9		
TANN	e P	Z	03:12:43.9	73.6	23.5						
MOX	e P	Z	03:12:43.7	73.6	23.0	0.8	56		5.6		
UBBA	e P	Z	03:12:44.9	73.9	22.1	1.7	192		5.8		
BUG	e P	Z	03:12:45.1	73.9	20.5	1.3	162		5.9		
MANZ	e P	Z	03:12:46.7	74.1	23.3	1.0	46		5.5		
ROTZ	e P	Z	03:12:48.1	74.3	23.3						
GRA1	e P	Z	03:12:49.8	74.6	22.7	1.1	227		6.1		
	e PP	Z	03:15:48.7								
	e S	N	03:22:21.2								
	e L	Z	03:51:03.9			19.2	9334			6.1	
WET	e P	Z	03:12:50.4	74.7	23.6	1.1	120		5.8		
GEC2	e P	Z	03:12:50.2	74.7	24.1	1.1	57		5.5		
TNS	e P	Z	03:12:50.4	74.8	21.1	0.9	118		5.9		
WLF	e P	Z	03:12:56.7	75.8	19.6						
STU	e P	Z	03:12:56.9	76.0	21.4						
FUR	e P	Z	03:12:57.6	76.0	22.6	1.0	170		6.1		
BFO	e P	Z	03:13:00.3	76.6	20.8	1.0	124		6.0		

Date 2006/08/20 Origin Time 03:41: 1.1 Lat 68.550S Long 35.670W Depth 33.0N mb Ms 6.6 ML Source SZGRF  
Southwestern Atlantic Ocean

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e PP	Z 04:01:19.4	121.4	197.3					
	e SP	Z 04:11:05.3							
FUR	e PKiKP	Z 04:00:27.1	121.8	198.3					
	e PP	Z 04:01:24.1							
	e SP	Z 04:11:12.1							
STU	e PP	Z 04:01:24.8	121.9	197.7					
	e SP	Z 04:11:11.9							
WLF	e SP	Z 04:11:14.9	122.2	196.8					
GEC2	e PKiKP	Z 04:00:29.1	123.0	199.3					
	e PP	Z 04:01:30.1							
WET	e PKiKP	Z 04:00:29.5	123.1	199.1					
	e PP	Z 04:01:30.8							

TNS	e PKiKP	Z	04:00:30.1	123.2	197.7			
	e PP	Z	04:01:33.2					
GRA1	e PKiKP	Z	04:00:29.9	123.2	198.6			
	e PP	Z	04:01:33.4					
	e PKKPbc	Z	04:10:58.4					
	e SP	Z	04:11:26.8					
	e SS	N	04:18:00.9					
	e SSS	E	04:22:07.1					
	e L	Z	04:43:03.3			21.7	15070	6.6
ROTZ	e PKiKP	Z	04:00:30.3	123.5	199.0			
	e PP	Z	04:01:36.2					
	e PKKPbc	Z	04:10:58.7					
	e SP	Z	04:11:29.1					
MANZ	e PKiKP	Z	04:00:30.7	123.7	199.0			
	e PP	Z	04:01:37.4					
UBBA	e PKiKP	Z	04:00:31.4	124.1	198.4			
	e PP	Z	04:01:38.5					
BUG	e PKiKP	Z	04:00:31.7	124.1	197.5			
	e PP	Z	04:01:39.2					
	e PKKPbc	Z	04:10:55.5					
TANN	e PKiKP	Z	04:00:31.7	124.2	199.2			
	e PP	Z	04:01:39.7					
	e PKKPbc	Z	04:10:56.0					
MOX	e PKiKP	Z	04:00:31.5	124.2	199.0			
	e PP	Z	04:01:39.5					
	e PKKPbc	Z	04:10:55.0					
	e SP	Z	04:11:35.8					
BRG	e PKiKP	Z	04:00:33.1	124.9	199.9			
	e PP	Z	04:01:45.6					
	e PKKPbc	Z	04:10:54.7					
IBBN	e PKiKP	Z	04:00:33.3	125.0	197.9			
	e PKKPbc	Z	04:10:55.6					
CLL	e PKiKP	Z	04:00:33.2	125.1	199.6			
	e PP	Z	04:01:45.6					
	e PKKPbc	Z	04:10:51.5					
	e SP	Z	04:11:43.4					
CLL	e PKPdf	Z	04:00:33.8	125.1	199.6			
	e		04:00:44.7					
	e PP	Z	04:01:58.0					
	e PPP	Z	04:04:22.8					
	e Sdiff	E	04:09:47.4					
	e PKKPbc	Z	04:10:52.4					
	e PKKPab	Z	04:10:55.7					
	e PKKPdf	Z	04:11:22.8					
	e PS	E	04:11:44.4					
	e PPS	N	04:12:56.4					
	e SS	E	04:18:09.7					
	e PSPS	N	04:18:28.7					
	e SSS	E	04:22:35.8					

	e	SSSS	E	04:25:56.5						
	e	LR	Z	04:33:04.1						
	e	L	Z	04:45:51.0			22.0	17230	6.6	
NRDL	e	PKiKP	Z	04:00:34.6	125.7	198.8				
	e	PKKPbc	Z	04:10:51.1						
BSEG	e	PKiKP	Z	04:00:36.9	127.1	199.2				
	e	PKKPbc	Z	04:10:48.4						

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/20	13:34:33.9	63.757S	38.953W	33.0		5.4		SZGRF
Southwestern Atlantic Ocean								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e PP	Z	13:54:32.4	118.1	201.6					
FUR	e PP	Z	13:54:35.7	118.7	202.8					
STU	e PP	Z	13:54:36.7	118.7	202.1					
WLF	e PP	Z	13:54:37.8	118.8	200.9					
TNS	e PP	Z	13:54:45.3	119.9	202.0					
GEC2	e PP	Z	13:54:44.8	119.9	203.9					
WET	e PP	Z	13:54:45.9	120.0	203.7					
GRA1	e PP	Z	13:54:46.2	120.1	203.1					
	e SP	Z	14:04:22.5							
	e SS	N	14:11:10.9							
	e L	Z	14:38:48.4			19.5	786		5.4	
ROTZ	e PP	Z	13:54:48.2	120.4	203.5					
MANZ	e PP	Z	13:54:49.8	120.5	203.5					
BUG	e PP	Z	13:54:50.8	120.7	201.8					
UBBA	e PP	Z	13:54:50.5	120.8	202.8					
MOX	e PP	Z	13:54:53.4	121.0	203.5					
TANN	e PP	Z	13:54:53.2	121.0	203.8					
BRG	e PP	Z	13:54:58.3	121.8	204.5					
CLL	e PP	Z	13:54:59.6	122.0	204.2					
NRDL	e PP	Z	13:55:02.9	122.4	203.3					
BSEG	e PP	Z	13:55:10.4	123.7	203.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/20	17:39:10.6	25.480S	179.640W	33.0N				SZGRF
South of Fiji Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	17:58:59.4	150.6	18.5					
	e PKPab	Z	17:59:06.0							
NRDL	e PKPbc	Z	17:59:02.6	152.0	19.0					
CLL	e PKPbc	Z	17:59:03.4	152.4	25.3					
	e PKPab	Z	17:59:13.6							



GEC2	e Pn	Z	10:50:21.6	5.7	143.0					4.2
	e Sn	E	10:51:23.0							
WET	e Pn	Z	10:50:29.5	6.3	140.1					4.3
MANZ	e Pn	Z	10:50:43.0	7.2	140.8					4.4
WERN	e Pn	Z	10:50:44.5	7.4	143.5					4.5
GRA1	e Pn	Z	10:50:46.1	7.4	135.3					4.7
GUNZ	e Pn	Z	10:50:45.3	7.5	143.6					4.5
WERD	e Pn	Z	10:50:46.6	7.5	143.9					4.4
MOX	e Pn	Z	10:50:52.4	7.9	141.7					4.5
CLL	e Pn	Z	10:50:54.4	8.0	150.5					4.7

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/21	21:15:13.7	73.034N	17.932E	33.0N	4.1			SZGRF

Norwegian Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	21:19:41.2	19.4	6.7	0.9	9	4.2		
NRDL	e P	Z	21:19:55.1	20.8	6.4					
NEUB	e P	Z	21:20:07.3	22.0	4.8					
BRG	e P	Z	21:20:09.0	22.2	3.1					
MOX	e P	Z	21:20:12.0	22.6	4.8	0.7	5	4.4		
GUNZ	e P	Z	21:20:15.1	22.8	4.2	0.9	2	3.8		
WERN	e P	Z	21:20:15.5	22.9	4.2	0.8	7	4.3		
ROTZ	e P	Z	21:20:20.1	23.4	4.2	1.0	4	4.0		
GRA1	e P	Z	21:20:21.5	23.5	4.9	0.9	5	4.2		
WLF	e P	Z	21:20:24.1	23.9	8.4					
WET	e P	Z	21:20:26.2	24.0	3.6	1.4	4	3.9		
GEC2	e P	Z	21:20:28.9	24.3	3.0	1.2	2	3.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/21	22:20:51.3	34.280N	137.250E	436.3	5.3			SZGRF

Near south coast of eastern Honshu, Japan

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z	22:32:17.5	80.3	44.4	0.8	32	5.4		
BSEG	e P	Z	22:32:18.9	80.6	42.0	1.3	35	5.3		
	e PP	Z	22:35:30.2							
BRG	e P	Z	22:32:22.4	81.3	44.3	0.9	18	5.2		
	e PP	Z	22:35:35.1							
CLL	e P	Z	22:32:23.4	81.4	43.7	1.1	53	5.6		
	e pP	Z	22:33:57.7							
	e PP	Z	22:35:37.4							
FBE	e P	Z	22:32:23.7	81.6	43.9	1.4	75	5.6		
	e pP	Z	22:33:58.6							
	e PP	Z	22:35:38.6							

NRDL	e P	Z	22:32:24.7	81.8	41.7	1.3	27	5.2
	e PP	Z	22:35:39.9					
TANN	e P	Z	22:32:27.4	82.3	43.2	1.2	16	5.1
WERD	e P	Z	22:32:27.6	82.4	43.1	1.2	23	5.3
GUNZ	e P	Z	22:32:28.1	82.4	43.1	1.0	31	5.5
WERN	e P	Z	22:32:28.2	82.4	43.1	1.1	35	5.5
MOX	e P	Z	22:32:28.4	82.5	42.6	1.2	25	5.3
	e PP	Z	22:35:46.0					
MANZ	e P	Z	22:32:30.0	82.8	42.9	1.0	19	5.3
IBBN	e P	Z	22:32:30.1	82.9	40.0	0.9	48	5.7
GEC2	e P	Z	22:32:30.0	82.9	43.9	1.2	20	5.2
ROTZ	e P	Z	22:32:30.8	82.9	43.0	1.5	64	5.6
WET	e P	Z	22:32:31.3	83.1	43.4	1.2	18	5.2
UBBA	e P	Z	22:32:31.1	83.1	41.5	1.4	22	5.2
GRA1	e P	Z	22:32:33.2	83.4	42.3	1.2	54	5.7
	e pP	Z	22:34:08.5					
TNS	e P	Z	22:32:36.8	84.2	40.3	1.0	10	5.0
FUR	e P	Z	22:32:38.3	84.5	42.2	0.9	28	5.5
STU	e P	Z	22:32:40.3	85.0	40.8	1.2	25	5.3
WLF	e P	Z	22:32:43.4	85.5	38.7	1.5	22	5.1
BFO	e P	Z	22:32:43.5	85.7	40.1	1.2	14	5.0

Date 2006/08/22 Origin Time 09:23:24.1 Lat 35.246N Long 26.227E Depth 10.0G mb 4.2 Ms 4.1 ML Source SZGRF  
Crete, Greece

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 09:27:14.6	16.4	141.2	1.7	120			
WET	e P	Z 09:27:21.3	17.0	139.8	2.0	141			
ROTZ	e P	Z 09:27:29.8	17.8	139.6	1.9	72			
	e S	Z 09:30:49.5							
BRG	e P	Z 09:27:31.9	18.0	145.7	1.3	32			
	e S	Z 09:30:52.6							
MANZ	e P	Z 09:27:32.7	18.0	139.8	1.0	24			
	e S	E 09:30:53.1							
GRA1	e P	Z 09:27:34.2	18.1	137.2	1.7	135			
	e S	E 09:30:55.8							
	e L	Z 09:35:45.3			19.6	929		4.1	
TANN	e P	Z 09:27:34.9	18.2	141.4	1.2	15			
	e S	N 09:30:58.4							
GUNZ	e P	Z 09:27:34.8	18.2	141.0	0.8	15			
FBE	e P	Z 09:27:35.9	18.2	144.4	1.7	150			
WERD	e P	Z 09:27:35.7	18.2	141.1	1.8	112			
STU	e P	Z 09:27:39.1	18.4	130.9	0.8	30			
BFO	e P	Z 09:27:40.6	18.6	128.1	1.7	38	4.2		
CLL	e P	Z 09:27:40.8	18.7	144.3	1.8	170	5.0		
	e pP	Z 09:27:51.6							

	e S	N	09:31:12.4							
	e sS	N	09:31:33.8							
	e LR	Z	09:33:02.9							
	e L	Z	09:38:22.6			20.0	576		3.9	
MOX	e P	Z	09:27:40.6	18.7	140.0	1.7	92			
UBBA	e P	Z	09:27:48.9	19.5	136.8	0.8	8			
	e S	E	09:31:27.2							
TNS	e P	Z	09:27:52.2	19.8	132.5	0.6	28			
GTTG	e P	Z	09:27:54.9	20.0	138.1	0.7	26			
WLF	e P	Z	09:28:01.4	20.5	127.0	0.7	11			
NRDL	e P	Z	09:28:03.7	20.7	140.1	1.6	46			

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/22 16:51:12.8 48.240N 153.860E 33.0N 5.5 4.8 ML SZGRF  
 Kuril Islands, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 17:02:43.1	73.3	24.4	1.3	50	5.5		
RUE	e P	Z 17:02:45.3	73.7	26.4	1.1	76	5.7		
NRDL	e P	Z 17:02:50.8	74.6	24.1	1.2	37	5.3		
CLL	e P	Z 17:02:52.1	75.0	25.8	1.0	78	5.7		
BRG	e P	Z 17:02:53.0	75.1	26.3	1.2	39	5.3		
FBE	e P	Z 17:02:53.9	75.2	26.0	1.1	61	5.5		
IBBN	e P	Z 17:02:55.2	75.4	22.6	1.4	79	5.6		
GTTG	e P	Z 17:02:56.1	75.6	23.9	1.3	50	5.4		
TANN	e P	Z 17:02:58.1	75.9	25.4	1.2	25	5.1		
WERD	e P	Z 17:02:58.2	75.9	25.3	1.2	45	5.4		
MOX	e P	Z 17:02:58.1	75.9	24.9	1.2	45	5.4		
GUNZ	e P	Z 17:02:58.7	76.0	25.3	1.1	36	5.3		
UBBA	e P	Z 17:02:59.5	76.2	23.9	1.6	63	5.5		
BUG	e P	Z 17:03:00.0	76.3	22.2	1.1	53	5.6		
MANZ	e P	Z 17:03:00.9	76.4	25.1	1.1	34	5.4		
ROTZ	e P	Z 17:03:02.1	76.6	25.1	1.1	55	5.6		
GRA1	e P	Z 17:03:04.1	76.9	24.5	1.1	91	5.8		
	e L	Z 17:40:35.0			21.4	562		4.8	
WET	e P	Z 17:03:04.3	77.0	25.5	1.1	67	5.7		
GEC2	e P	Z 17:03:03.9	77.0	26.0	1.1	30	5.3		
TNS	e P	Z 17:03:05.0	77.1	22.8	1.1	43	5.5		
WLF	e P	Z 17:03:10.8	78.2	21.3	1.4	32	5.3		
FUR	e P	Z 17:03:11.5	78.3	24.4	1.1	91	5.8		
STU	e P	Z 17:03:11.3	78.3	23.2	1.0	49	5.6		
BFO	e P	Z 17:03:14.7	78.9	22.6	1.1	53	5.6		

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/22 18:12: 2.1 17.770S 178.010W 583.8 ML SZGRF

Fiji Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
IBBN	e PKPbc	Z	18:30:34.8	145.2	9.6					
CLL	e PKPbc	Z	18:30:35.4	145.3	18.7					
	e pPKPbc	Z	18:32:49.8							
BRG	e PKPdf	Z	18:30:34.8	145.6	20.4					
	e PKPbc	Z	18:30:36.1							
	e pPKPbc	Z	18:32:50.7							
FBE	e PKPdf	Z	18:30:35.1	145.6	19.4					
	e PKPbc	Z	18:30:36.6							
GTTG	e PKPdf	Z	18:30:34.7	145.6	13.5					
	e PKPbc	Z	18:30:36.4							
BUG	e PKPdf	Z	18:30:35.9	146.1	9.0					
	e PKPbc	Z	18:30:37.3							
	e pPKPbc	Z	18:32:53.8							
MOX	e PKPdf	Z	18:30:35.7	146.2	16.6					
	e PKPbc	Z	18:30:37.9							
WERD	e PKPdf	Z	18:30:35.9	146.3	17.9					
	e PKPbc	Z	18:30:38.3							
TANN	e PKPdf	Z	18:30:35.9	146.3	18.2					
	e PKPbc	Z	18:30:38.3							
GUNZ	e PKPdf	Z	18:30:36.4	146.4	18.0					
	e pPKPbc	Z	18:32:52.7							
MANZ	e PKPdf	Z	18:30:37.0	146.8	17.8					
	e PKPbc	Z	18:30:39.8							
ROTZ	e PKPdf	Z	18:30:37.0	147.0	18.0					
	e PKPbc	Z	18:30:40.4							
TNS	e PKPdf	Z	18:30:37.6	147.1	11.4					
	e PKPbc	Z	18:30:40.6							
	e PKPab	Z	18:30:43.8							
GRA1	e PKPdf	Z	18:30:37.7	147.2	16.4					
	e PKPbc	Z	18:30:41.1							
WET	e PKPdf	Z	18:30:37.6	147.4	19.5					
	e PKPbc	Z	18:30:41.2							
	e PKPab	Z	18:30:45.0							
GEC2	e PKPdf	Z	18:30:37.8	147.5	21.1					
	e PKPbc	Z	18:30:41.5							
	e PKPab	Z	18:30:45.0							
WLF	e PKPdf	Z	18:30:38.9	147.9	7.5					
	e PKPbc	Z	18:30:43.0							
	e PKPab	Z	18:30:47.3							
	e pPKPbc	Z	18:32:55.3							
STU	e PKPdf	Z	18:30:39.9	148.5	13.2					
	e PKPbc	Z	18:30:44.1							
FUR	e PKPdf	Z	18:30:40.2	148.7	17.2					
	e PKPbc	Z	18:30:44.5							
	e PKPab	Z	18:30:50.1							
BFO	e PKPdf	Z	18:30:40.4	149.0	11.8					

e PKPbc Z 18:30:45.3  
 e PKPab Z 18:30:51.2  
 e pPKPbc Z 18:32:57.6

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/22 21:00: 3.9 18.590S 178.400W 556.7 SZGRF  
 Fiji Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
NRDL	e PKPbc	Z 21:18:39.0	145.4	14.3					
IBBN	e PKPbc	Z 21:18:40.8	145.9	10.5					
CLL	e PKPbc	Z 21:18:41.1	146.1	19.6					
BRG	e PKPbc	Z 21:18:41.7	146.3	21.4					
FBE	e PKPbc	Z 21:18:42.3	146.4	20.4					
GTTG	e PKPbc	Z 21:18:42.2	146.4	14.4					
TANN	e PKPbc	Z 21:18:43.9	147.0	19.2					
	e pPKPbc	Z 21:20:51.4							
WERD	e PKPbc	Z 21:18:43.9	147.0	18.9					
GUNZ	e PKPbc	Z 21:18:44.3	147.1	19.0					
	e pPKPbc	Z 21:20:51.4							
MANZ	e PKPbc	Z 21:18:45.1	147.5	18.8					
	e pPKPbc	Z 21:20:55.2							
ROTZ	e PKPbc	Z 21:18:46.0	147.7	19.0					
TNS	e PKPbc	Z 21:18:46.5	147.9	12.3					
GRA1	e PKPbc	Z 21:18:46.8	148.0	17.4					
WET	e PKPbc	Z 21:18:46.9	148.1	20.5					
GEC2	e PKPbc	Z 21:18:47.1	148.2	22.2					
WLF	e PKPbc	Z 21:18:48.9	148.7	8.3					
FUR	e PKPbc	Z 21:18:50.3	149.4	18.2					
BFO	e PKPbc	Z 21:18:51.1	149.8	12.7					
	e pPKPbc	Z 21:20:57.4							

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/22 23:02: 8.8 13.257N 88.303W 33.0G 5.1 4.7 SZGRF  
 El Salvador

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 23:14:52.1	85.9	285.8	0.5	8	5.1		
	e L	Z 23:52:22.4			19.6	328		4.7	

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/23 00:53:30.4 21.198S 34.546E 20.9 5.2 SZGRF  
 Mozambique

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
FUR	e P	Z	01:04:55.6	72.4	157.3	1.1	73	5.7		
GEC2	e P	Z	01:04:55.6	72.5	159.6	1.4	38	5.3		
WET	e P	Z	01:04:58.1	72.9	158.9	1.3	21	5.1		
BFO	e P	Z	01:05:00.9	73.4	154.5	1.1	8	4.8		
STU	e P	Z	01:05:02.1	73.5	155.4	0.9	29	5.4		
ROTZ	e P	Z	01:05:03.0	73.7	158.3	1.0	43	5.5		
GRA1	e P	Z	01:05:04.0	73.9	157.4	1.0	48	5.5		
	e pP	Z	01:05:10.0							
MANZ	e P	Z	01:05:04.4	73.9	158.3	1.2	35	5.3		
GUNZ	e P	Z	01:05:06.4	74.2	158.5	0.9	13	4.9		
TANN	e P	Z	01:05:06.4	74.2	158.6	0.9	30	5.3		
WERD	e P	Z	01:05:06.8	74.3	158.5	1.2	36	5.3		
BRG	e P	Z	01:05:06.3	74.3	160.1	0.8	9	4.8		
FBE	e P	Z	01:05:07.4	74.5	159.5	0.7	7	4.8		
MOX	e P	Z	01:05:08.5	74.6	157.9	0.9	21	5.1		
CLL	e P	Z	01:05:10.1	74.9	159.2	1.3	32	5.2		
TNS	e P	Z	01:05:10.9	75.1	154.9	1.0	20	5.1		
UBBA	e P	Z	01:05:11.7	75.2	156.4					
WLF	e P	Z	01:05:11.6	75.2	152.7	0.9	16	5.0		
GTTG	e P	Z	01:05:15.8	75.9	156.4	0.9	26	5.3		
BUG	e P	Z	01:05:19.4	76.5	153.9	0.9	28	5.4		
NRDL	e P	Z	01:05:20.9	76.7	156.7	1.7	39	5.3		
IBBN	e P	Z	01:05:23.2	77.1	154.5	0.8	17	5.2		
BSEG	e P	Z	01:05:27.6	78.0	157.0	1.0	13	5.0		

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/23 01:59:50.4 21.427S 31.836E 20.4 4.8 SZGRF  
 Zimbabwe

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	02:11:14.1	73.4	160.0	0.9	6	4.8		
	e pP	Z	02:11:19.9			0.9	6			

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/23 04:15:37.7 48.794N 27.834W 33.0N 4.6 3.9 SZGRF  
 Northern Mid-Atlantic Ridge

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	04:21:00.9	25.2	283.1	1.2	14	4.6		
	e pP	Z	04:21:04.7			1.2	14			
	e L	Z	04:29:54.1			21.1	391		3.9	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/23	18:31:53.0	4.430N	94.970E	46.3	5.0			SZGRF

Off west coast of northern Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	18:44:02.4	80.9	94.2	0.8	8	4.8		
GEC2	e P	Z	18:44:02.7	80.9	93.7	0.9	19	5.2		
RUE	e P	Z	18:44:03.3	81.1	94.3	0.6	20	5.3		
FBE	e P	Z	18:44:04.4	81.3	93.7	0.9	13	5.0		
WET	e P	Z	18:44:05.5	81.5	93.1	0.9	10	4.9		
CLL	e P	Z	18:44:05.1	81.5	93.5	0.9	7	4.8		
TANN	e P	Z	18:44:07.1	81.8	93.0	1.4	11	4.8		
GUNZ	e P	Z	18:44:07.7	81.9	92.8	0.9	7	4.7		
WERD	e P	Z	18:44:07.5	81.9	92.8	0.9	5	4.6		
ROTZ	e P	Z	18:44:08.3	81.9	92.7	0.9	9	4.9		
MANZ	e P	Z	18:44:08.8	82.0	92.6	1.1	16	5.1		
MOX	e P	Z	18:44:10.0	82.4	92.3	0.9	6	4.8		
GRA1	e P	Z	18:44:11.6	82.6	91.9	0.9	10	5.1		
	e pP	Z	18:44:25.0							
BSEG	e P	Z	18:44:14.7	83.3	91.7	1.0	16	5.2		
NRDL	e P	Z	18:44:16.5	83.4	91.4	1.4	23	5.2		
GTTG	e P	Z	18:44:15.3	83.4	91.1	0.7	5	4.9		
STU	e P	Z	18:44:17.8	83.9	90.2	2.9	86	5.5		
TNS	e P	Z	18:44:20.5	84.4	89.8	0.9	9	5.0		
BFO	e P	Z	18:44:20.4	84.5	89.6	0.8	7	4.9		
IBBN	e P	Z	18:44:22.6	84.8	89.5	0.5	13	5.4		
BUG	e P	Z	18:44:24.0	85.1	89.0	0.6	11	5.3		
WLF	e P	Z	18:44:28.2	85.9	88.0	1.0	9	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/23	23:15:22.6	3.250S	155.070E	44.3		5.0		SZGRF

North of Solomon Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPdf	Z	23:34:12.3	121.7	42.6					
	e pPKPdf	Z	23:34:25.5							
	e PP	Z	23:35:45.5							
BRG	e PKPdf	Z	23:34:12.8	122.3	47.8					
	e PP	Z	23:35:49.1							
CLL	i PKPdf	- Z	23:34:13.1	122.4	46.7	0.7	76			
	e pPKPdf	Z	23:34:26.3							
	e PP	Z	23:35:50.7							
	e pPP	Z	23:35:57.8							
	e sPP	Z	23:36:03.7							
	e SKPdf	Z	23:37:48.1							
	e PKKPab	Z	23:44:08.8							

	e PS	E	23:45:37.7						
	e PPS	E	23:47:13.0						
	e SS	E	23:52:50.2						
	e SSS	N	23:57:03.7						
	e L	Z	00:31:54.9			20.0	573	5.2	
FBE	e PKPdf	Z	23:34:13.4	122.6	47.2				
TANN	e PKPdf	Z	23:34:14.6	123.3	46.5				
	e PP	Z	23:35:56.1						
WERD	e PKPdf	Z	23:34:14.7	123.4	46.3				
	e pPKPdf	Z	23:34:28.2						
GUNZ	e PKPdf	Z	23:34:15.1	123.4	46.4				
MOX	e PKPdf	Z	23:34:14.8	123.5	45.5				
	e PP	Z	23:35:58.0						
MANZ	e PKPdf	Z	23:34:15.9	123.8	46.3				
	e pPKPdf	Z	23:34:29.1						
	e PP	Z	23:35:59.4						
ROTZ	e PKPdf	Z	23:34:15.2	123.9	46.5				
	e PP	Z	23:36:00.0						
IBBN	e PKPdf	Z	23:34:16.3	124.0	40.5				
	e pPKPdf	Z	23:34:29.8						
	e PP	Z	23:36:00.9						
WET	e PKPdf	Z	23:34:15.7	124.0	47.6				
	e PP	Z	23:36:00.9						
UBBA	e PKPdf	Z	23:34:16.2	124.1	43.7				
GRA1	e PKPdf	Z	23:34:16.9	124.4	45.5				
	e PP	Z	23:36:03.9						
	e SKPdf	Z	23:37:51.8						
	e SKKP	Z	23:47:58.7						
BUG	e PKPdf	Z	23:34:17.9	124.8	40.4				
	e pPKPdf	Z	23:34:31.4						
	e PP	Z	23:36:07.2						
TNS	e PKPdf	Z	23:34:18.6	125.2	42.3				
	e PP	Z	23:36:10.1						
FUR	e PKPdf	Z	23:34:18.5	125.4	46.4				
	e pPKPdf	Z	23:34:32.3						
	e PP	Z	23:36:10.4						
STU	e PKPdf	Z	23:34:19.9	126.0	43.8				
	e PP	Z	23:36:14.2						
WLF	e PKPdf	Z	23:34:22.0	126.6	40.0				
	e pPKPdf	Z	23:34:35.4						
	e PP	Z	23:36:18.2						
BFO	e PKPdf	Z	23:34:20.9	126.7	43.1				
	e PP	Z	23:36:19.2						
GRA1	e L	Z	00:35:37.4	124.4	45.5	18.9	338	5.0	

West of Macquarie Island

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 16:31:16.2	153.4	123.8					
	e L	Z 17:54:36.0			21.0	145		4.8	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/24								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 16:50:21.7							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/24	18:17: 9.2	19.570S	176.310W	33.0N				SZGRF

Fiji Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 18:36:43.1	145.3	11.0					
CLL	e PKPbc	Z 18:36:49.5	147.4	16.5					
GTTG	e PKPbc	Z 18:36:50.4	147.6	11.1					
BRG	e PKPbc	Z 18:36:50.2	147.7	18.3					
FBE	e PKPbc	Z 18:36:50.7	147.7	17.2					
BUG	e PKPbc	Z 18:36:50.9	148.0	6.4					
MOX	e PKPbc	Z 18:36:51.9	148.3	14.3					
UBBA	e PKPbc	Z 18:36:52.0	148.4	11.4					
WERD	e PKPbc	Z 18:36:52.2	148.4	15.6					
TANN	e PKPbc	Z 18:36:52.4	148.4	15.9					
GUNZ	e PKPbc	Z 18:36:52.8	148.5	15.7					
ROTZ	e PKPbc	Z 18:36:54.2	149.0	15.7					
TNS	e PKPbc	Z 18:36:54.3	149.1	8.8					
GRA1	e PKPbc	Z 18:36:54.8	149.3	14.0					
WET	e PKPbc	Z 18:36:55.5	149.5	17.3					
GEC2	e PKPbc	Z 18:36:55.5	149.6	18.9					
WLF	e PKPbc	Z 18:36:56.7	149.8	4.6					
FUR	e PKPbc	Z 18:36:58.2	150.8	14.7					
BFO	e PKPbc	Z 18:36:58.8	151.0	9.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/24	21:50:41.2	51.258N	156.127E	33.0G	5.8	6.4		SZGRF

Kamchatka Peninsula, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	i P	+ Z 22:02:04.5	73.1	23.2	0.8	77	5.8		

	e sP	Z	22:02:21.6								
	e PP	Z	22:04:50.9								
	e PPP	Z	22:06:36.7								
	e PPPP	Z	22:07:44.7								
	e S	E	22:11:27.6								
	e sS	E	22:11:50.4								
	e PPS	N	22:12:23.8								
	e SS	N	22:16:32.9								
	e SSSS	N	22:21:18.0								
	e LR	Z	22:25:23.8								
	e PKPPKPdf	Z	22:29:41.0								
	e L	Z	22:38:24.8			20.0	28337		6.6		
GRA1	e P	Z	22:02:16.2	74.7	21.9	0.9	115	5.9			
	e S	R	22:11:50.0								
	e PKPPKPdf	Z	22:29:34.2								
	e L	Z	22:39:21.4			21.1	21596		6.4		
TNS	e P	Z	22:02:16.6	74.9	20.3	0.9	67	5.6			
	e PP	Z	22:04:56.9								
	e S	R	22:11:52.5								
STU	e P	Z	22:02:23.3	76.1	20.6	1.3	141	5.9			
	e S	R	22:12:05.0								
FUR	e P	Z	22:02:24.1	76.1	21.8	1.0	137	6.0			
	e S	R	22:12:06.5								

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/25 00:44:41.7 24.400S 67.300W 150.0N  
 Chile-Argentina border region GSRC

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e Pdiff	Z 00:58:02.0	98.5	242.0					
	e pPdiff	Z 00:58:46.5							
	e PP	Z 01:01:57.3							
	e SKSac	R 01:08:22.8							
	e Sdiff	R 01:09:12.1							
BFO	e PKKPab	Z 01:15:03.1	99.1	243.3					
	e Pdiff	Z 00:58:04.2							
	e pPdiff	Z 00:58:48.3							
	e PP	Z 01:02:01.8							
	e SKSac	R 01:08:26.0							
STU	e Sdiff	R 01:09:18.0	99.8	244.0					
	e SP	Z 01:10:39.7							
	e Pdiff	Z 00:58:08.1							
	e pPdiff	Z 00:58:52.6							
	e PP	Z 01:02:06.7							
	e SKSac	R 01:08:29.9							
	e SP	Z 01:10:49.2							
	e PKKPbc	Z 01:14:30.6							

BUG	e Pdiff	Z	00:58:07.6	99.9	243.0
	e pPdiff	Z	00:58:52.0		
	e SKSac	R	01:08:30.5		
	e Sdiff	R	01:09:23.6		
	e SP	Z	01:10:47.6		
TNS	e Pdiff	Z	00:58:08.7	100.0	243.7
	e pPdiff	Z	00:58:53.4		
	e SKSac	R	01:08:30.6		
	e SP	Z	01:10:52.3		
FUR	e Pdiff	Z	00:58:13.2	100.8	245.3
	e pPdiff	Z	00:58:57.3		
	e PP	Z	01:02:13.3		
	e SKSac	R	01:08:35.4		
	e Sdiff	R	01:09:34.1		
	e SP	Z	01:10:53.9		
	e PKKPbc	Z	01:14:28.1		
	e SKSac	R	01:08:39.0		
UBBA	e SP	Z	01:10:58.7	101.2	244.9
	e Pdiff	Z	00:58:15.6		
GRA1	e pPdiff	Z	00:58:59.3	101.4	245.6
	e SKSac	R	01:08:40.0		
	e SP	Z	01:11:01.8		
GTTG	e SKSac	R	01:08:41.6	101.5	245.0
	e SP	Z	01:11:03.4		
NRDL	e PP	Z	01:02:23.4	101.9	245.3
	e SKSac	R	01:08:43.9		
	e Sdiff	R	01:09:44.0		
	e PKKPab	Z	01:14:48.3		
ROTZ	e Pdiff	Z	00:58:18.6	102.0	246.3
	e pPdiff	Z	00:59:02.6		
	e SKSac	R	01:08:43.2		
	e SP	Z	01:11:08.2		
MOX	e Pdiff	Z	00:58:18.2	102.0	246.0
	e SKSac	R	01:08:43.5		
	e SP	Z	01:11:08.2		
	e PKKPbc	Z	01:14:23.9		
	e PKKPab	Z	01:14:47.0		
WET	e Pdiff	Z	00:58:18.4	102.2	246.6
	e pPdiff	Z	00:59:03.2		
	e PP	Z	01:02:23.6		
	e SKSac	R	01:08:42.3		
	e Sdiff	R	01:09:45.7		
	e SP	Z	01:11:09.7		
	e PKKPbc	Z	01:14:23.6		
	e PKKPab	Z	01:14:46.4		
GUNZ	e PKKPbc	Z	01:14:22.7	102.3	246.5
	e SP	Z	01:11:12.9		
WERD	e SKSac	R	01:08:43.9	102.4	246.5
TANN	e Pdiff	Z	00:59:04.5	102.4	246.6
GEC2	e pPdiff	Z	00:59:04.5	102.6	247.1
	e SKSac	R	01:08:43.9		

	e Sdiff	R	01:09:50.1						
	e SP	Z	01:11:16.1						
	e PKKPbc	Z	01:14:22.7						
BSEG	e Pdiff	Z	00:58:19.8	102.6	245.7				
	e pPdiff	Z	00:59:05.1						
	e PP	Z	01:02:27.4						
CLL	e SKSac	R	01:08:47.7	103.1	247.2				
	e Sdiff	R	01:09:53.6						
	e SP	Z	01:11:19.2						
	e PKKPab	Z	01:14:42.6						
BRG	e SKSac	R	01:08:48.5	103.5	247.7				
	e SP	Z	01:11:22.4						
	e PKKPbc	Z	01:14:19.7						
RUE	e SKSac	R	01:08:51.1	104.0	248.0				
	e SP	Z	01:11:28.7						
	e PKKPab	Z	01:14:38.0						

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/25	02:52:21.1	22.400S	171.290W	33.0G				SZGRF
Tonga Islands region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	03:12:04.0	148.4	2.8					
CLL	e PKPbc	Z	03:12:10.3	150.9	8.2					
BRG	e PKPbc	Z	03:12:11.3	151.2	10.1					
FBE	e PKPbc	Z	03:12:11.6	151.3	9.0					
WERD	e PKPbc	Z	03:12:12.6	151.8	7.1					
GUNZ	e PKPbc	Z	03:12:13.2	151.9	7.1					
TNS	e PKPbc	Z	03:12:13.7	152.2	359.5					
ROTZ	e PKPbc	Z	03:12:14.6	152.5	7.0					
GRA1	e PKPbc	Z	03:12:14.1	152.6	5.1					
GEC2	e PKPbc	Z	03:12:15.9	153.3	10.3					
BFO	e PKPbc	Z	03:12:17.9	154.1	359.2					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/25	05:51:49.0	27.890N	103.160E	33.0N	5.1	4.6		SZGRF
Yunnan, China								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	06:02:47.8	68.3	72.1	1.0	11	5.0		
FBE	e P	Z	06:02:50.4	68.6	71.7	0.9	15	5.2		
CLL	e P	Z	06:02:50.3	68.7	71.6	0.6	9	5.1		
GEC2	e P	Z	06:02:53.4	69.0	71.2	1.2	17	5.1		
TANN	e P	Z	06:02:54.1	69.3	70.9	1.2	11	5.0		
BSEG	e P	Z	06:02:54.8	69.4	70.6	1.0	37	5.5		

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WERD	e P	Z	06:02:54.7	69.4	70.8	0.9	7	4.8		
GUNZ	e P	Z	06:02:54.8	69.4	70.8	1.1	15	5.0		
WET	e P	Z	06:02:55.9	69.5	70.7					
ROTZ	e P	Z	06:02:57.1	69.7	70.5	1.1	22	5.2		
MOX	e P	Z	06:02:57.0	69.7	70.4	0.9	6	4.7		
GRA1	e P	Z	06:03:00.9	70.3	69.8					
	e L	Z	06:35:14.0			19.7	357		4.6	
GTTG	e P	Z	06:03:01.3	70.4	69.5	0.9	18	5.2		
UBBA	e P	Z	06:03:02.3	70.6	69.3	0.8	4	4.6		
FUR	e P	Z	06:03:04.5	70.8	69.3					
TNS	e P	Z	06:03:09.0	71.8	68.0	1.0	12	5.0		
STU	e P	Z	06:03:09.9	71.8	68.1					
BUG	e P	Z	06:03:10.9	72.0	67.6					
BFO	e P	Z	06:03:13.9	72.5	67.4	1.1	20	5.2		
WLF	e P	Z	06:03:19.5	73.3	66.3	1.1	48	5.4		

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/25 08:03:9.4 11.880N 94.700E 33.0N 5.0  
 Andaman Islands, India, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 08:14:48.8	75.0	89.5	0.9	10	4.9		
GEC2	e P	Z 08:14:49.7	75.2	88.8	0.8	12	5.0		
FBE	e P	Z 08:14:51.1	75.4	89.1	0.8	18	5.1		
CLL	e P	Z 08:14:51.7	75.6	88.9	0.2	11	5.6		
WET	e P	Z 08:14:52.9	75.7	88.3	1.3	14	5.0		
TANN	e P	Z 08:14:54.2	75.9	88.3	1.2	8	4.7		
GUNZ	e P	Z 08:14:54.7	76.0	88.2	1.0	10	4.9		
WERD	e P	Z 08:14:54.6	76.0	88.2	1.4	14	4.9		
ROTZ	e P	Z 08:14:55.8	76.1	87.9	1.3	12	4.9		
MOX	e P	Z 08:14:57.0	76.5	87.7	0.8	9	4.9		
GRA1	e P	Z 08:14:59.3	76.8	87.1	0.6	10	5.2		
BSEG	e P	Z 08:15:00.9	77.1	87.4	1.3	20	5.1		
GTTG	e P	Z 08:15:02.6	77.5	86.6	0.7	16	5.3		
TNS	e P	Z 08:15:08.4	78.5	85.2	0.8	10	4.9		
BUG	e P	Z 08:15:12.2	79.1	84.5	0.8	15	5.1		

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/25 11:21:17.2 50.664N 173.747W 33.0N 4.8  
 Andreanof Islands, Aleutian Islands, United States

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 11:32:57.7	75.3	2.7	0.9	20	5.3		
NRDL	e P	Z 11:33:06.1	76.8	2.5	0.8	8	4.9		
GTTG	e P	Z 11:33:11.3	77.7	2.4	0.6	14	5.1		

CLL	e P	Z	11:33:11.2	77.9	4.4	0.8	9	4.9
BUG	e P	Z	11:33:11.4	77.9	0.7	0.9	13	5.0
FBE	e P	Z	11:33:13.6	78.2	4.6	1.2	20	5.0
BRG	e P	Z	11:33:13.5	78.3	5.0	0.8	9	4.9
MOX	e P	Z	11:33:15.5	78.6	3.5	0.9	12	4.8
WERD	e P	Z	11:33:16.8	78.8	3.9	1.1	8	4.5
TANN	e P	Z	11:33:16.9	78.8	4.0	1.1	7	4.5
GUNZ	e P	Z	11:33:17.3	78.8	3.9			
TNS	e P	Z	11:33:18.5	79.1	1.4	0.9	13	4.9
MANZ	e P	Z	11:33:19.3	79.2	3.8	0.9	5	4.5
ROTZ	e P	Z	11:33:20.4	79.4	3.8	0.9	7	4.7
GRA1	e P	Z	11:33:21.2	79.6	3.2	0.8	19	5.2
WET	e P	Z	11:33:23.7	80.0	4.3	1.2	5	4.5
GEC2	e P	Z	11:33:24.3	80.3	4.8	1.0	8	4.8
BFO	e P	Z	11:33:28.2	81.0	1.3	0.8	8	4.9

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/25 22:59:42.3 13.795N 90.144W 192.3 4.8  
 Near coast of Guatemala SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
TNS	e P	Z 23:11:54.8	84.8	285.4	0.9	11	5.1		
NRDL	e P	Z 23:11:57.4	85.2	286.5	0.9	8	4.9		
BFO	e P	Z 23:11:56.2	85.2	285.4	1.1	8	4.8		
	e pP	Z 23:12:44.1							
GTTG	e P	Z 23:11:57.6	85.4	286.4	0.5	17	5.5		
UBBA	e P	Z 23:11:58.4	85.6	286.5	0.7	4	4.7		
MOX	e P	Z 23:12:03.5	86.6	287.7	0.9	6	4.7		
	e pP	Z 23:12:51.4							
GRA1	e P	Z 23:12:04.2	86.7	287.5	1.1	12	5.0		
	e pP	Z 23:12:50.7							
WERD	e P	Z 23:12:06.1	87.1	288.3	1.4	9	4.7		
	e pP	Z 23:12:52.0							
	e sP	Z 23:13:10.7							
MANZ	e P	Z 23:12:05.8	87.1	288.2	1.0	2	4.2		
GUNZ	e P	Z 23:12:06.2	87.1	288.3	1.5	12	4.8		
	e sP	Z 23:13:11.5							
TANN	e pP	Z 23:12:53.1	87.2	288.4					
ROTZ	e P	Z 23:12:07.2	87.3	288.2	0.9	2	4.3		
FBE	e P	Z 23:12:08.9	87.6	289.1	0.8	5	4.7		
WET	e P	Z 23:12:09.8	87.9	288.8	1.5	10	4.7		
GEC2	e P	Z 23:12:12.4	88.5	289.4	0.8	1	4.4		

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/26 08:48:14.5 27.797N 103.135E 33.0N 4.6  
 SZGRF

Yunnan, China

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 08:59:25.3	70.3	69.9	0.9	5	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/26	15:32:45.4	41.599N	19.357E	10.0G				SZGRF

Albania

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
ARSA	e Pn	Z 15:34:16.8	6.3	152.8					
	e Sn	E 15:35:24.9							
KBA	e Pn	Z 15:34:26.7	7.0	139.7					
MOA	e Pn	Z 15:34:30.5	7.2	148.1					
	e Sn	E 15:35:49.1							
WTTA	e Pn	Z 15:34:39.7	7.9	133.0					
	e Sn	E 15:36:05.0							
GEC2	e Pn	Z 15:34:44.3	8.3	149.2					
	e Sn	N 15:36:14.0							
WET	e Pn	Z 15:34:51.3	8.8	146.5					
DAVA	e Pn	Z 15:34:53.2	8.8	126.7					
ROTZ	e Pn	Z 15:35:01.0	9.6	145.9					
	e Sn	N 15:36:45.6							
MANZ	e Pn	Z 15:35:04.1	9.8	146.3					
GUNZ	e Pn	Z 15:35:07.9	10.0	148.3					
TANN	e Pn	Z 15:35:08.1	10.0	148.9					
	e Sn	E 15:36:56.8							
FBE	e Pn	Z 15:35:10.9	10.2	153.8					
BFO	e Pn	Z 15:35:10.3	10.3	126.8					
MOX	e Pn	Z 15:35:14.3	10.5	146.5					
CLL	e Pn	Z 15:35:16.9	10.6	153.4					
TNS	e Pn	Z 15:35:27.7	11.5	134.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/26	21:04:2.5	40.428N	141.355E	33.0N	4.5			SZGRF

Near east coast of eastern Honshu, Japan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 21:15:50.0	76.7	36.2	0.7	6	4.8		
BRG	e P	Z 21:15:56.5	77.8	38.2	0.8	3	4.5		
CLL	e P	Z 21:15:56.0	77.8	37.6	0.8	5	4.7		
GUNZ	e P	Z 21:16:02.0	78.8	37.1	0.8	2	4.2		
MOX	e P	Z 21:16:02.4	78.9	36.6	0.7	2	4.2		
MANZ	e P	Z 21:16:04.5	79.2	36.9	0.6	2	4.3		
GEC2	e P	Z 21:16:06.1	79.5	37.8	0.8	2	4.0		

WET	e P	Z	21:16:06.7	79.6	37.3	0.9	5	4.4
GRA1	e P	Z	21:16:07.8	79.8	36.3	0.8	6	4.6
TNS	e P	Z	21:16:10.8	80.4	34.4	0.7	3	4.4
FUR	e P	Z	21:16:14.3	81.0	36.1	0.7	11	5.0

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/26 23:40:42.0 51.676N 178.352W 33.0G 5.9 5.5  
 Andreanof Islands, Aleutian Islands, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	i P	+ Z	23:52:28.7	76.9	7.2	0.9	78	5.9		
	e pP	Z	23:52:49.6							
	e PP	Z	23:55:23.5							
	e PPP	Z	23:57:14.9							
	e PPPP	Z	23:58:21.8							
	e S	N	00:02:16.1							
	e PPS	N	00:03:15.9							
	e sSS	E	00:07:43.9							
	e LR	Z	00:18:09.3							
	e L	Z	00:28:34.3			22.0	3598			
GRA1	e P	Z	23:52:39.2	78.3	6.0	0.9	104	5.9		
	e L	Z	00:35:30.3			20.1	2185		5.5	

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/26 23:44:33.4 50.846N 179.544W 33.0N 5.1  
 Andreanof Islands, Aleutian Islands, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	23:56:34.7	79.0	6.9	0.9	21	5.1		

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/26 23:46:19.6 51.443N 178.713W 33.0N 5.9  
 Andreanof Islands, Aleutian Islands, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	23:58:17.9	78.5	6.3	1.0	130	5.9		

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/26 23:55:16.2 51.650N 179.546W 33.0N 5.1  
 Andreanof Islands, Aleutian Islands, United States

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 00:07:13.1	78.2	6.8	0.9	18	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/27	00:28:2.6	51.673N	179.233W	33.0N	5.0			SZGRF

Andreanof Islands, Aleutian Islands, United States

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 00:39:59.5	78.2	6.6	1.0	18	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/27								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 03:13:53.2							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/27	03:58:38.9	3.700N	97.000E	33.0N	4.5			GSRC

Northern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 04:11:12.1	84.4	90.8	1.6	5	4.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/27	07:07:27.2	20.110S	170.300E	226.2				SZGRF

Vanuatu Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
TANN	e PKPbc	Z 07:26:36.3	145.0	38.1					
WERD	e PKPbc	Z 07:26:36.1	145.0	37.9					
GUNZ	e PKPbc	Z 07:26:36.6	145.1	38.0					
MOX	e PKPbc	Z 07:26:36.4	145.1	36.7					
MANZ	e PKPbc	Z 07:26:38.2	145.5	38.0					
UBBA	e PKPbc	Z 07:26:37.8	145.6	34.1					
ROTZ	e PKPbc	Z 07:26:38.5	145.6	38.3					
GEC2	e PKPbc	Z 07:26:38.2	145.7	41.4					
WET	e PKPbc	Z 07:26:38.9	145.8	39.9					
BUG	e PKPbc	Z 07:26:38.7	146.0	29.3					
GRA1	e PKPbc	Z 07:26:40.0	146.1	36.9					
TNS	e PKPbc	Z 07:26:41.6	146.6	32.1					
FUR	e PKPbc	Z 07:26:43.6	147.2	38.4					

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	e	pPKPbc	Z	07:27:39.9					
STU	e	PKPbc	Z	07:26:44.3	147.6	34.6			
	e	pPKPbc	Z	07:27:41.7					
WLF	e	PKPbc	Z	07:26:45.5	147.9	28.8			
	e	pPKPbc	Z	07:27:43.1					
BFO	e	PKPbc	Z	07:26:45.9	148.3	33.5			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/27	17:11:17.6	25.190N	123.520E	150.3	5.8			SZGRF

Northeast of Taiwan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z 17:23:18.1	81.3	59.5	1.1	137	6.0		
BRG	e P	Z 17:23:21.8	82.0	59.4	1.1	40	5.5		
BSEG	e P	Z 17:23:23.5	82.3	57.1	1.0	49	5.7		
CLL	e P	Z 17:23:23.1	82.3	58.8	0.9	65	5.9		
FBE	e P	Z 17:23:23.5	82.3	59.0	1.0	84	5.9		
	e pP	Z 17:24:00.9							
TANN	e P	Z 17:23:27.3	83.1	58.3	1.2	33	5.4		
WERD	e P	Z 17:23:27.4	83.1	58.2	1.3	43	5.5		
	e pP	Z 17:24:04.9							
GUNZ	e P	Z 17:23:27.8	83.2	58.2	1.2	67	5.8		
GEC2	e P	Z 17:23:28.1	83.2	59.0	1.0	80	5.9		
MOX	e P	Z 17:23:28.6	83.4	57.7	1.2	36	5.5		
MANZ	e P	Z 17:23:29.8	83.5	58.0	1.3	42	5.5		
WET	e P	Z 17:23:29.5	83.5	58.5	1.2	41	5.5		
ROTZ	e P	Z 17:23:30.2	83.5	58.0	1.0	56	5.7		
GTTG	e P	Z 17:23:31.1	83.8	56.6	1.5	101	5.8		
GRA1	e P	Z 17:23:32.9	84.1	57.3	1.5	128	5.9		
UBBA	e P	Z 17:23:32.7	84.2	56.5	1.6	82	5.7		
FUR	e P	Z 17:23:36.8	84.9	57.2	1.0	218	6.3		
	e pP	Z 17:24:14.5							
BUG	e P	Z 17:23:38.1	85.2	54.5	1.2	150	6.1		
TNS	e P	Z 17:23:38.9	85.3	55.3	1.1	46	5.5		
STU	e P	Z 17:23:40.6	85.7	55.8	1.1	69	5.7		
BFO	e P	Z 17:23:43.8	86.5	55.1	1.5	95	5.7		
WLF	e P	Z 17:23:46.4	86.8	53.6	1.1	151	6.1		
	e pP	Z 17:24:24.2							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/28	07:45:18.4	37.729N	142.531E	12.5	4.8			SZGRF

Off east coast of Honshu, Japan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 07:57:38.6	82.6	36.8	0.9	6	4.8		

e pP                    Z 07:57:42.3                    0.9                    6

Date            Origin Time            Lat            Long            Depth    mb    Ms    ML    Source  
2006/08/28    14:24: 9.5            10.903S    165.077E    28.0G                       5.4                       NEIC  
Santa Cruz Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKPdf	Z	14:43:23.7	133.6	40.9					
CLL	e PKPdf	Z	14:43:22.7	133.6	39.4	1.1	13			
	e PP	Z	14:45:53.4							
	e PKS	Z	14:46:52.6							
	e L	Z	15:48:48.9			20.0	1188		5.6	
WERD	e PKPdf	Z	14:43:24.9	134.6	39.1					
GUNZ	e PKPdf	Z	14:43:25.7	134.6	39.2					
UBBA	e PKPdf	Z	14:43:26.2	135.2	35.9					
GEC2	e PKPdf	Z	14:43:25.8	135.2	41.9					
WET	e PKPdf	Z	14:43:27.4	135.3	40.7					
GRFO	e L	Z	15:47:51.0	135.6	38.2	20.8	721		5.4	
GRB1	e PKPdf	Z	14:43:26.3	135.7	38.9					
TNS	e PKPdf	Z	14:43:30.0	136.2	34.3					
BFO	e PKPdf	Z	14:43:34.5	137.8	35.3					

Date            Origin Time            Lat            Long            Depth    mb    Ms    ML    Source  
2006/08/28    22:49: 8.8            38.402N    19.862E    10.0G                       4.1                       SZGRF  
Ionian Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z	22:51:47.2	11.3	154.7					
	e Sn	N	22:53:52.4							
FUR	e Pn	Z	22:51:51.1	11.6	144.3					
WET	e Pn	Z	22:51:54.0	11.9	152.4					
	e Sn	N	22:54:04.0							
MANZ	e Pn	Z	22:52:07.8	12.8	151.6					
GRA1	e Pn	Z	22:52:11.2	12.9	148.1					
	e Sn	N	22:54:25.3							
	e L	Z	22:58:16.4			9.8	813		4.1	
STU	e Pn	Z	22:52:11.2	12.9	139.5					
	e Sn	N	22:54:27.0							
BFO	e Pn	Z	22:52:14.1	13.0	135.7					
	e Sn	N	22:54:27.8							
GUNZ	e Pn	Z	22:52:13.3	13.1	153.1					
WERD	e Pn	Z	22:52:14.9	13.2	153.1					
MOX	e Pn	Z	22:52:18.0	13.6	151.4					
TNS	e Pn	Z	22:52:31.6	14.3	141.2					
	e Sn	N	22:55:01.6							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/29	01:06:24.8	22.247N	46.470W	22.0	4.8	3.7		SZGRF
Northern Mid-Atlantic Ridge								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 01:15:36.5	52.5	260.4	1.7	21	4.8		
	e pP	Z 01:15:42.5							
	e L	Z 01:32:27.0			20.2	76		3.7	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/29	01:14:20.4	28.049N	104.382E	33.0N	4.7	4.2		SZGRF
Sichuan, China								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 01:25:22.1	68.9	71.1	0.7	4	4.7		
CLL	e P	Z 01:25:25.6	69.3	70.6	1.1	6	4.8		
GEC2	e P	Z 01:25:28.3	69.7	70.2	0.6	2	4.5		
TANN	e P	Z 01:25:30.0	69.9	69.9	0.6	2	4.4		
BSEG	e P	Z 01:25:30.4	69.9	69.6	0.9	10	4.9		
WERD	e P	Z 01:25:30.3	70.0	69.8	0.7	3	4.5		
GUNZ	e P	Z 01:25:30.6	70.0	69.8	1.0	7	4.8		
WET	e P	Z 01:25:31.2	70.1	69.8	1.3	6	4.6		
ROTZ	e P	Z 01:25:32.5	70.3	69.5	0.8	4	4.7		
MOX	e P	Z 01:25:31.7	70.3	69.4	1.0	3	4.4		
GRA1	e P	Z 01:25:34.8	70.9	68.8	0.6	7	4.9		
	e L	Z 01:57:38.8			21.9	152		4.2	
FUR	e P	Z 01:25:40.4	71.4	68.4	0.9	21	5.3		
STU	e P	Z 01:25:47.9	72.5	67.2					
BFO	e P	Z 01:25:49.5	73.2	66.5	1.1	6	4.6		
WLF	e P	Z 01:25:54.9	73.9	65.4	0.9	18	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/29	10:53: 9.2	0.400S	125.100E	60.0N		5.3		NEIC
Southern Molucca Sea								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e Pdiff	Z 11:07:03.5	103.5	73.5					
	e PP	Z 11:11:20.1							
FBE	e Pdiff	Z 11:07:04.7	103.8	73.0					
	e PP	Z 11:11:24.3							
CLL	e Pdiff	Z 11:07:05.5	103.9	72.7	1.7	40			
	e PP	Z 11:11:24.4							

	e PPP	Z	11:13:33.3								
	e PS	E	11:20:40.1								
	e PPS	E	11:21:31.4								
	e SS	E	11:26:10.3								
	e SSS	E	11:30:05.1								
	e SSSS	E	11:33:41.6								
	e L	Z	11:56:20.4			22.0	1168		5.4		
GEC2	e Pdiff	Z	11:07:06.4	104.2	73.8						
	e PP	Z	11:11:24.1								
TANN	e Pdiff	Z	11:07:08.2	104.5	72.4						
	e PP	Z	11:11:29.5								
WERD	e Pdiff	Z	11:07:09.2	104.6	72.3						
WERN	e Pdiff	Z	11:07:08.1	104.6	72.4						
	e PP	Z	11:11:29.0								
GUNZ	e Pdiff	Z	11:07:08.5	104.6	72.3						
	e PP	Z	11:11:30.0								
BSEG	e Pdiff	Z	11:07:08.3	104.6	69.8						
WET	e Pdiff	Z	11:07:08.8	104.6	73.1						
	e PP	Z	11:11:30.8								
MANZ	e Pdiff	Z	11:07:09.6	104.9	72.2						
	e PP	Z	11:11:33.3								
ROTZ	e Pdiff	Z	11:07:10.2	104.9	72.4						
	e PP	Z	11:11:31.6								
MOX	e Pdiff	Z	11:07:09.4	105.0	71.7						
	e PP	Z	11:11:30.9								
NRDL	e Pdiff	Z	11:07:11.5	105.2	69.9						
	e PP	Z	11:11:36.7								
GRA1	e Pdiff	Z	11:07:12.6	105.5	71.6						
	e PP	Z	11:11:38.3								
	e L	Z	11:58:52.0			21.7	984		5.3		
UBBA	e Pdiff	Z	11:07:13.7	105.9	70.3						
TNS	e Pdiff	Z	11:07:19.8	107.0	69.2						
BUG	e Pdiff	Z	11:07:21.5	107.2	67.8						
BFO	e PP	Z	11:11:54.3	107.7	69.6						

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/30 08:05:45.4 39.785N 79.058E 33.0N 4.9 4.1  
 Southern Xinjiang, China SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 08:14:17.7	47.5	74.8	0.9	8	4.9		
	e L	Z 08:37:38.9			18.4	184		4.1	

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/30 10:01:55.2 43.956N 12.475E 10.0G 3.9 SZGRF



GEC2	e Pn	Z	19:10:54.8
	e Sn	E	19:11:45.3
WET	e Sn	E	19:11:57.5

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/30	19:28:20.0	46.598N	152.770E	33.0N	5.4			SZGRF

Kuril Islands, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 19:40:00.3	74.5	25.8	0.9	24	5.3		
RUE	e P	Z 19:40:02.2	74.9	27.8	1.0	48	5.6		
NRDL	e P	Z 19:40:08.7	75.9	25.4	0.9	28	5.3		
CLL	e P	Z 19:40:08.8	76.2	27.2	0.7	60	5.7		
BRG	e P	Z 19:40:09.8	76.3	27.8	1.1	18	5.0		
FBE	e P	Z 19:40:10.6	76.4	27.4	1.0	37	5.4		
GTTG	e P	Z 19:40:13.0	76.8	25.3	0.7	23	5.3		
TANN	e P	Z 19:40:14.7	77.1	26.8	0.8	8	4.8		
WERD	e P	Z 19:40:14.8	77.1	26.7	1.1	20	5.0		
MOX	e P	Z 19:40:14.9	77.1	26.2	1.1	34	5.3		
GUNZ	e P	Z 19:40:15.5	77.2	26.7	1.0	25	5.2		
WERN	e P	Z 19:40:15.6	77.3	26.7	0.9	30	5.3		
UBBA	e P	Z 19:40:16.5	77.4	25.2	0.7	15	5.3		
BUG	e P	Z 19:40:17.4	77.6	23.5	0.7	30	5.5		
MANZ	e P	Z 19:40:17.6	77.6	26.5	1.1	20	5.2		
ROTZ	e P	Z 19:40:18.9	77.8	26.5	0.9	29	5.4		
GRA1	e P	Z 19:40:20.9	78.1	25.9	0.6	57	5.9		
WET	e P	Z 19:40:20.8	78.1	26.9	1.0	36	5.5		
GEC2	e P	Z 19:40:20.4	78.1	27.4	0.6	16	5.3		
TNS	e P	Z 19:40:22.1	78.4	24.1	0.6	45	5.7		
FUR	e P	Z 19:40:28.2	79.5	25.8	0.9	56	5.7		
WLF	e P	Z 19:40:29.0	79.5	22.6	1.1	26	5.3		
STU	e P	Z 19:40:28.5	79.5	24.5	0.8	34	5.5		
BFO	e P	Z 19:40:31.9	80.1	23.9	1.0	38	5.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/30	21:32:32.2	13.250S	95.150E	33.0N	5.2			SZGRF

South Indian Ocean

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 21:45:48.6	94.4	105.1	1.1	12	5.1		
BRG	e P	Z 21:45:50.5	94.8	105.1	0.9	5	4.9		
WET	e P	Z 21:45:51.5	95.0	104.5	1.1	11	5.2		
FBE	e P	Z 21:45:51.5	95.2	104.7	1.0	7	5.1		
CLL	e P	Z 21:45:52.7	95.5	104.4	0.7	4	5.0		
GUNZ	e P	Z 21:45:54.5	95.7	104.0	1.2	7	5.1		

MANZ	e P	Z	21:45:55.2	95.7	103.8	1.1	8	5.2
GRA1	e P	Z	21:45:57.2	96.2	103.2	1.1	6	5.0
BFO	e P	Z	21:46:02.9	97.8	101.2	1.6	25	5.7
TNS	e P	Z	21:46:04.8	98.1	101.0	1.1	8	5.4

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/31	05:44:9.0	16.504S	15.132W	33.0N	4.8			SZGRF

Southern Mid-Atlantic Ridge

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e P	Z	05:55:06.2	68.1	204.3	1.2	9	4.9		
GRA1	e P	Z	05:55:18.8	70.2	206.9	0.5	9	5.1		
WET	e P	Z	05:55:19.0	70.2	208.6	1.0	8	4.8		
GEC2	e P	Z	05:55:18.9	70.2	209.4	0.8	4	4.6		
ROTZ	e P	Z	05:55:21.0	70.5	207.8	0.9	7	4.8		
MANZ	e P	Z	05:55:22.5	70.7	207.7	1.6	15	4.9		
WERN	e P	Z	05:55:24.0	71.0	207.9	1.0	6	4.7		
GUNZ	e P	Z	05:55:24.8	71.1	207.9	0.9	9	4.9		
MOX	e P	Z	05:55:24.9	71.1	207.1	1.1	6	4.7		
WERD	e P	Z	05:55:24.7	71.2	207.8	1.3	9	4.7		
TANN	e P	Z	05:55:24.9	71.2	208.0	1.1	7	4.7		
NRDL	e P	Z	05:55:34.6	72.4	205.4					
BSEG	e P	Z	05:55:40.8	73.7	205.4	1.1	24	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/31	08:08:29.5	0.300S	125.100E	53.0N		5.3		NEIC

Southern Molucca Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e Pdiff	Z	08:22:24.1	103.4	73.5					
CLL	e Pdiff	Z	08:22:26.7	103.8	72.6	1.5	46			
	e pPdiff	Z	08:22:41.7							
	e PP	Z	08:26:39.6							
	e PPP	Z	08:28:59.2							
	e SKSac	E	08:33:00.3							
	e PS	N	08:35:57.4							
	e PPS	E	08:36:44.2							
	e SS	E	08:41:11.3							
	e SSS	E	08:45:25.8							
	e L	Z	09:11:41.8			22.0	1404		5.5	
GEC2	e Pdiff	Z	08:22:27.3	104.1	73.8					
	e pPdiff	Z	08:22:43.1							
TANN	e Pdiff	Z	08:22:28.7	104.4	72.4					
	e pPdiff	Z	08:22:44.6							
	e PP	Z	08:26:51.1							

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BSEG	e Pdiff	Z	08:22:29.9	104.5	69.7			
WET	e Pdiff	Z	08:22:29.4	104.6	73.0			
MANZ	e Pdiff	Z	08:22:30.8	104.8	72.2			
	e pPdiff	Z	08:22:46.8					
	e PP	Z	08:26:52.7					
ROTZ	e Pdiff	Z	08:22:30.7	104.8	72.3			
	e PP	Z	08:26:52.2					
MOX	e Pdiff	Z	08:22:30.7	104.9	71.6			
	e pPdiff	Z	08:22:46.7					
	e PP	Z	08:26:53.2					
NRDL	e Pdiff	Z	08:22:32.9	105.2	69.9			
	e pPdiff	Z	08:22:49.0					
	e PP	Z	08:26:58.9					
GRA1	e Pdiff	Z	08:22:33.4	105.4	71.5			
	e PP	Z	08:26:58.5					
	e L	Z	09:14:13.2			21.5	1027	5.3
UBBA	e Pdiff	Z	08:22:34.7	105.8	70.2			
	e pPdiff	Z	08:22:51.4					
	e PP	Z	08:26:59.0					
TNS	e Pdiff	Z	08:22:40.2	106.9	69.1			
	e pPdiff	Z	08:22:56.6					
BFO	e Pdiff	Z	08:22:42.6	107.7	69.5			
	e PP	Z	08:27:14.1					

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/31 08:18:18.0 34.580N 140.120E 99.5 5.1  
 Near east coast of eastern Honshu, Japan SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	08:30:25.3	81.5	39.8	1.1	20	5.2		
BRG	e P	Z	08:30:29.9	82.3	42.1	0.9	11	5.1		
CLL	e P	Z	08:30:29.9	82.4	41.5	0.9	24	5.4		
FBE	e P	Z	08:30:31.1	82.5	41.7					
NRDL	e P	Z	08:30:32.5	82.6	39.5	1.0	10	5.0		
MOX	e P	Z	08:30:35.8	83.5	40.4	1.1	13	5.1		
MANZ	e P	Z	08:30:37.5	83.8	40.7	0.9	8	5.0		
ROTZ	e P	Z	08:30:38.4	83.9	40.8	1.2	12	5.0		
GRA1	e P	Z	08:30:40.8	84.4	40.1	1.1	29	5.4		
	e pP	Z	08:31:06.7							
TNS	e P	Z	08:30:43.8	85.1	38.1	1.4	21	5.1		
BFO	e P	Z	08:30:51.2	86.6	37.9	1.1	16	5.1		

Date Origin Time Lat Long Depth mb Ms ML Source  
 2006/08/31 09:41:37.8 44.828N 149.445E 33.0N 5.3  
 Kuril Islands, Russia SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 09:53:37.3	78.7	28.8	0.9	28	5.3		
	e PP	Z 09:56:34.8							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/31	20:21:23.8	20.840S	170.980E	50.0N				SZGRF

Vanuatu Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKPbc	Z 20:40:53.4	145.0	39.5					
CLL	e PKPbc	Z 20:40:53.5	145.0	37.7					
FBE	e PKPbc	Z 20:40:54.5	145.2	38.5					
NEUB	e PKPbc	Z 20:40:55.5	145.6	35.9					
TANN	e PKPbc	Z 20:40:56.2	145.9	37.7					
WERD	e PKPbc	Z 20:40:56.9	146.0	37.4					
GUNZ	e PKPbc	Z 20:40:56.9	146.0	37.5					
WERN	e PKPbc	Z 20:40:57.2	146.1	37.6					
MOX	e PKPbc	Z 20:40:56.7	146.1	36.2					
MANZ	e PKPbc	Z 20:40:59.7	146.4	37.5					
ROTZ	e PKPbc	Z 20:41:00.1	146.5	37.9					
GEC2	e PKPbc	Z 20:40:58.7	146.6	41.0					
GRA1	e PKPbc	Z 20:41:01.2	147.0	36.4					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/08/31	22:24:57.1	20.650S	172.670W	33.0N				SZGRF

Tonga Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPbc	Z 22:44:41.1	149.0	10.4					
BRG	e PKPbc	Z 22:44:42.1	149.3	12.2					
MOX	e PKPbc	Z 22:44:44.6	149.8	8.0					
TANN	e PKPbc	Z 22:44:45.7	150.0	9.6					
MANZ	e PKPbc	Z 22:44:45.4	150.4	9.1					
ROTZ	e PKPbc	Z 22:44:45.8	150.6	9.3					
GRA1	e PKPbc	Z 22:44:46.5	150.8	7.5					
WLF	e PKPbc	Z 22:44:46.4	151.0	357.7					
WET	e PKPbc	Z 22:44:47.0	151.2	10.8					
GEC2	e PKPbc	Z 22:44:47.5	151.3	12.5					
FUR	e PKPbc	Z 22:44:50.0	152.3	8.0					
BFO	e PKPbc	Z 22:44:50.2	152.3	2.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
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2006/08/31 22:58:22.8  
Ryukyu Islands, Japan

28.350N

130.310E

33.0N

6.0

5.7

SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	23:10:45.1	82.8	50.2	1.0	112	6.0		
	e PP	Z	23:13:56.5							
BRG	e P	Z	23:10:46.3	83.0	52.6	1.7	143	5.9		
	e PP	Z	23:13:58.3							
CLL	i P	+ Z	23:10:47.7	83.2	52.0	1.5	336	6.3		
	e pP	Z	23:10:59.7							
	e PP	Z	23:13:55.5							
	e pPP	Z	23:14:08.0							
	e PPPP	Z	23:17:11.2							
	e S	E	23:21:07.5							
	e SS	E	23:26:43.3							
	e L	Z	23:51:41.9			18.0	5774		6.0	
NRDL	e P	Z	23:10:51.6	83.8	49.9	1.4	184	6.1		
TANN	e P	Z	23:10:51.6	84.0	51.5	1.4	107	5.9		
	e PP	Z	23:14:06.1							
MOX	e P	Z	23:10:52.9	84.3	50.9	1.6	164	6.0		
MANZ	e P	Z	23:10:54.0	84.5	51.2	1.2	103	5.9		
ROTZ	e P	Z	23:10:54.7	84.6	51.2	1.3	196	6.2		
	e PP	Z	23:14:10.8							
WET	e P	Z	23:10:54.6	84.6	51.7	1.2	64	5.7		
	e PP	Z	23:14:10.6							
UBBA	e P	Z	23:10:56.2	85.0	49.7	1.6	223	6.2		
	e PP	Z	23:14:13.2							
GRA1	e P	Z	23:10:57.4	85.1	50.5	1.3	245	6.3		
	e PP	Z	23:14:15.0							
	e S	R	23:21:19.7							
	e L	Z	23:54:01.7			19.7	2774		5.7	
BUG	e P	Z	23:11:01.0	85.9	47.7	1.2	171	6.0		
FUR	e P	Z	23:11:02.5	86.0	50.5	1.4	214	6.1		
TNS	e P	Z	23:11:02.0	86.1	48.5	1.2	81	5.7		
	e PP	Z	23:14:24.4							
STU	e P	Z	23:11:04.5	86.7	49.0	1.2	44	5.5		
	e PP	Z	23:14:27.8							
BFO	e P	Z	23:11:08.1	87.4	48.4	1.2	31	5.5		
	e PP	Z	23:14:34.2							
WLF	e P	Z	23:11:09.3	87.6	46.8	1.5	182	6.2		

(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-analyses).

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