

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

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

MAY 2006 UPDATED 4.OCTOBER.2006

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
2006/05/01	00:02:15.5	59.750N	165.350E	33.0N	5.0			SZGRF

Eastern Siberia, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 00:12:52.2	64.6	13.6	1.1	15	5.1		
IBBN	e P	Z 00:13:04.3	66.5	12.1	1.0	20	5.3		
CLZ	e P	Z 00:13:05.2	66.6	13.4	1.2	20	5.2		
CLL	e P	Z 00:13:05.3	66.7	14.7	1.1	13	5.1		
BRG	e P	Z 00:13:07.1	67.0	15.2	1.2	6	4.7		
BUG	e P	Z 00:13:09.9	67.4	11.8	1.4	19	5.1		
MOX	e P	Z 00:13:11.0	67.6	14.0	1.1	9	4.9		
WERD	e P	Z 00:13:11.8	67.7	14.3	1.1	10	4.9		
MANZ	e P	Z 00:13:14.8	68.1	14.1	1.2	8	4.8		
ROTZ	e P	Z 00:13:16.1	68.3	14.2	1.3	10	4.9		
TNS	e P	Z 00:13:16.6	68.4	12.3	1.1	10	4.9		
GRA1	e P	Z 00:13:17.9	68.6	13.7	1.4	33	5.4		
GEC2	e P	Z 00:13:20.1	69.0	14.8	1.1	5	4.7		
WLF	e P	Z 00:13:22.1	69.3	11.0	1.4	30	5.2		
STU	e P	Z 00:13:24.4	69.8	12.5	0.8	8	4.9		
FUR	e P	Z 00:13:26.7	70.0	13.6	2.0	50	5.3		
BFO	e P	Z 00:13:27.8	70.3	12.1	1.6	27	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/01	00:39:39.2	42.342N	69.027E	33.0N	4.0			SZGRF

Central Kazakhstan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 00:47:09.4	39.8	77.8	1.0	4	4.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/01								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 01:06:51.2							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/01	02:24:41.0	28.453S	176.786W	35.0G		5.7		NEIC
Kermadec Islands region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPab	Z 02:44:49.4	154.0	14.4					
RUE	e PKPab	Z 02:44:52.4	154.7	22.2					
IBBN	e PKPab	Z 02:44:57.5	155.9	9.8					
CLL	e PKPdf	Z 02:44:35.2	156.0	21.6					
	e PKPdif	Z 02:44:39.9							
	e PKPab	Z 02:44:56.8			1.2	16			
	e pPKPab	Z 02:45:09.2							
	e PP	Z 02:48:33.7							
CLZ	e PKPab	Z 02:44:58.1	156.0	15.6					
BRG	e PKPab	Z 02:44:58.7	156.2	23.9					
GTTN	e PKPab	Z 02:44:59.5	156.4	14.9					
BUG	e PKPab	Z 02:45:01.0	156.8	9.1					
MOX	e PKPab	Z 02:45:01.7	156.9	19.1					
WERD	e PKPab	Z 02:45:02.2	157.0	20.8					
MANZ	e PKPab	Z 02:45:04.4	157.4	20.7					
ROTZ	e PKPab	Z 02:45:05.5	157.6	21.2					
TNS	e PKPab	Z 02:45:06.0	157.9	12.3					
GRA1	e PKPab	Z 02:45:06.6	157.9	19.0					
	e SS	E 03:08:46.1							
	e L	Z 03:59:01.3			20.6	1084		5.7	
GEC2	e PKPab	Z 02:45:07.4	158.1	25.4					
WLF	e PKPab	Z 02:45:09.9	158.7	7.1					
STU	e PKPab	Z 02:45:11.4	159.2	14.9					
FUR	e PKPab	Z 02:45:12.7	159.3	20.4					
BFO	e PKPab	Z 02:45:15.0	159.7	13.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/01								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPab	Z 02:45:59.3							

e PP	Z	02:49:32.7							
e L	Z	03:56:25.6		22.0	1621			5.8	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/01	05:50:47.5	22.050S	178.219W	33.0N				SZGRF

South of Fiji Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 06:10:28.3	147.5	14.8					
CLL	e PKPbc	Z 06:10:33.5	149.5	20.8					
CLZ	e PKPbc	Z 06:10:33.8	149.5	15.8					
WERD	e PKPbc	Z 06:10:35.9	150.4	20.1					
MANZ	e PKPbc	Z 06:10:37.4	150.9	20.0					
TNS	e PKPbc	Z 06:10:38.0	151.3	13.0					
GRA1	e PKPbc	Z 06:10:37.9	151.4	18.5					
GEC2	e PKPbc	Z 06:10:38.2	151.6	23.7					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/01	07:48: 0.2	7.500N	82.500W	33.0N	5.3	6.1		SZGRF

South of Panama

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z 08:00:25.4	83.4	273.9	2.1	108	5.7		
BUG	e P	Z 08:00:29.3	84.0	274.5	2.0	55	5.4		
TNS	e P	Z 08:00:32.2	84.8	275.5	1.3	22	5.2		
BFO	e P	Z 08:00:32.9	85.0	275.6	2.2	48	5.3		
BSEG	e P	Z 08:00:35.6	85.6	276.7	2.9	134	5.6		
CLZ	e P	Z 08:00:38.2	85.9	276.9	1.5	26	5.1		
GRA1	e P	Z 08:00:41.7	86.7	277.7	1.7	44	5.3		
	e PP	Z 08:04:01.4							
	e S	R 08:11:18.7							
	e SS	R 08:17:21.1							
	e L	Z 08:33:06.7			22.0	8258		6.1	
MOX	e P	Z 08:00:41.8	86.8	277.9	2.0	42	5.2		
FUR	e P	Z 08:00:43.4	86.9	277.8	0.5	12	5.3		
MANZ	e P	Z 08:00:45.1	87.2	278.3	2.2	42	5.2		
WERD	e P	Z 08:00:45.0	87.3	278.5	1.7	28	5.1		
ROTZ	e P	Z 08:00:45.8	87.3	278.4	2.0	35	5.1		
CLL	i P	+ Z 08:00:46.3	87.6	279.0	2.1	56	5.3		
	e pP	Z 08:00:55.3							
	e sP	Z 08:01:02.0							
	e PP	Z 08:04:08.4							
	e SKSac	E 08:11:12.2							
	e S	N 08:11:28.2							
	e PS	E 08:12:27.3							

	e PPS	N	08:12:58.6								
	e SS	E	08:17:17.3								
	e SSS	E	08:20:36.0								
	e LR	Z	08:28:39.1								
	e L	Z	08:34:57.6			22.0	3333		5.7		
RUE	e P	Z	08:00:47.7	87.9	279.5	1.2	19		5.3		
BRG	e P	Z	08:00:48.9	88.2	279.7	1.6	22		5.2		
GEC2	e P	Z	08:00:50.3	88.4	279.6	1.6	21		5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/01	09:13:30.6	7.963N	84.236W	33.0N	5.2	5.5		SZGRF

Off coast of Costa Rica

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 09:26:15.1	87.4	279.3	1.3	17	5.2		
	e L	Z 09:59:40.9			21.2	2159		5.5	
CLL	e P	Z 09:26:19.1	88.4	280.6	1.5	32	5.4		
	e PP	Z 09:29:56.3							
	e SKSac	N 09:36:49.5							
	e S	E 09:37:04.0							
	e PS	E 09:38:03.8							
	e SS	E 09:42:59.1							
	e LR	Z 09:54:07.9							
	e L	Z 10:03:17.2			20.0	985		5.2	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/01								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e Pn	Z 10:59:38.1							
	e Sn	N 11:00:23.0							
GEC2	e Pn	Z 10:59:50.6							
	e Sn	N 11:00:44.5							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/01	12:59:28.7	61.384N	167.208E	33.0N	4.6			SZGRF

Eastern Siberia, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 13:10:20.4	67.3	12.2	1.1	5	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/01								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z 18:07:31.1							
	e Sn	N 18:08:25.8							
ROTZ	e Pn	Z 18:07:35.6							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/01	18:12:49.8	21.621S	176.572W	33.0N				SZGRF
Fiji Islands region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 18:32:29.9	147.3	11.9					
CLZ	e PKPbc	Z 18:32:35.4	149.3	12.7					
CLL	e PKPbc	Z 18:32:35.2	149.4	17.7					
	e PKPab	Z 18:32:40.3							
BRG	e PKPbc	Z 18:32:35.9	149.6	19.6					
	e PKPab	Z 18:32:41.3							
GTTN	e PKPbc	Z 18:32:36.0	149.6	12.1					
	e PKPab	Z 18:32:42.3							
MOX	e PKPbc	Z 18:32:37.4	150.3	15.5					
	e PKPab	Z 18:32:44.0							
WERD	e PKPbc	Z 18:32:37.8	150.3	16.9					
MANZ	e PKPbc	Z 18:32:39.1	150.8	16.7					
ROTZ	e PKPbc	Z 18:32:39.4	151.0	17.0					
TNS	e PKPbc	Z 18:32:39.6	151.1	9.7					
GRA1	e PKPbc	Z 18:32:40.0	151.3	15.2					
GEC2	e PKPbc	Z 18:32:40.3	151.6	20.4					
STU	e PKPbc	Z 18:32:42.9	152.5	11.7					
BFO	e PKPbc	Z 18:32:44.1	153.0	10.1					
	e PKPab	Z 18:32:56.0							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/01	21:40:48.2	28.295S	177.008W	10.0G		5.1		NEIC
Kermadec Islands region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPdf	Z 22:00:44.2	155.8	22.0					
	e PKPab	Z 22:01:07.5			1.0	12			
	e	22:01:19.3							
	e L	Z 23:19:46.0			20.0	270		5.1	
GRA1	e PKPab	Z 22:01:16.6	157.7	19.4					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/01	22:41:35.6	14.319S	12.903W	33.0N	4.9			SZGRF

Southern Mid-Atlantic Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 22:52:28.5	67.5	205.4	1.9	14	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/02	02:50:57.7	7.810N	83.380W	33.0N	4.9	5.1		SZGRF

Off coast of Costa Rica

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z 03:03:23.7	83.8	274.7	0.9	7	4.9		
BUG	e P	Z 03:03:26.3	84.3	275.4	0.8	7	4.9		
BFO	e P	Z 03:03:30.5	85.3	276.5	0.9	4	4.6		
STU	e P	Z 03:03:34.8	85.8	277.1	0.9	10	4.9		
GTTN	e P	Z 03:03:34.3	86.0	277.5	1.0	10	4.9		
CLZ	e P	Z 03:03:35.8	86.2	277.8	1.3	13	4.9		
GRA1	e P	Z 03:03:40.0	87.0	278.6	0.8	12	5.0		
	e L	Z 03:37:17.1			20.1	754		5.1	
MOX	e P	Z 03:03:40.2	87.1	278.8	0.9	4	4.6		
MANZ	e P	Z 03:03:42.5	87.5	279.2	0.8	6	4.9		
WERD	e P	Z 03:03:42.6	87.6	279.3	0.9	7	5.0		
ROTZ	e P	Z 03:03:42.5	87.6	279.3	1.2	7	4.9		
CLL	e P	Z 03:03:44.1	87.9	279.8	1.2	11	4.9		
	e pP	Z 03:04:00.2							
	e sP	Z 03:04:08.3							
	e S	E 03:14:16.0							
	e PS	E 03:15:25.9							
	e SS	N 03:20:05.5							
	e sSS	E 03:20:33.1							
	e LR	Z 03:31:35.4							
	e L	Z 03:40:44.0			18.0	403		4.9	
RUE	e P	Z 03:03:45.5	88.1	280.4	0.6	8	5.2		
BRG	e P	Z 03:03:46.4	88.5	280.6	1.0	8	4.9		
GEC2	e P	Z 03:03:48.5	88.7	280.5	1.3	6	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/02	05:01: 6.2	13.577S	12.880W	23.5	4.7			SZGRF

Southern Mid-Atlantic Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 05:11:54.6	66.7	205.6	1.1	5	4.7		
	e pP	Z 05:12:01.2							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/02	06:40:57.9	9.080N	82.370W	33.0N	5.2	5.2		SZGRF
Panama-Costa Rica border region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z 06:53:16.4	82.1	274.8	1.2	19	5.1		
BUG	e P	Z 06:53:18.8	82.7	275.4	0.7	9	5.1		
TNS	e P	Z 06:53:23.4	83.6	276.5	1.3	18	5.2		
STU	e P	Z 06:53:26.4	84.2	277.2	0.7	15	5.3		
BSEG	e P	Z 06:53:26.7	84.2	277.5	2.2	89	5.6		
CLZ	e P	Z 06:53:28.8	84.6	277.8	1.4	31	5.3		
GRA1	e P	Z 06:53:32.4	85.4	278.6	0.8	22	5.5		
	e L	Z 07:26:58.8			20.7	960		5.2	
MOX	e P	Z 06:53:33.0	85.5	278.8	1.5	25	5.1		
MANZ	e P	Z 06:53:35.5	85.9	279.3	1.1	8	4.8		
WERD	e P	Z 06:53:35.5	86.0	279.4	1.4	22	5.1		
ROTZ	e P	Z 06:53:35.9	86.0	279.4	1.8	39	5.2		
CLL	e P	Z 06:53:36.8	86.3	279.9	1.2	24	5.2		
BRG	e P	Z 06:53:40.3	86.9	280.6	1.3	24	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/02	09:24:37.3	33.963N	139.257E	33.0N	5.0			SZGRF
Southeast of Honshu, Japan								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 09:37:07.4	84.5	41.0	0.8	8	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/02	19:14:23.5	21.850S	178.680W	33.0G				SZGRF
Fiji Islands region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e PKPbc	Z 19:33:07.0	146.1	20.2					
BSEG	e PKPbc	Z 19:33:10.0	147.2	15.5					
CLL	e PKPbc	Z 19:33:15.2	149.2	21.5					
	e PKPab	Z 19:33:20.3							
CLZ	e PKPbc	Z 19:33:14.9	149.2	16.6					
BRG	e PKPbc	Z 19:33:15.8	149.3	23.4					
	e PKPab	Z 19:33:21.4							
MOX	e PKPdf	Z 19:33:12.6	150.1	19.4					
	e PKPbc	Z 19:33:17.6							
WERD	e PKPbc	Z 19:33:17.7	150.1	20.8					

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	e	PKPab	Z	19:33:24.5						
MANZ	e	PKPbc	Z	19:33:19.2	150.6	20.7				
ROTZ	e	PKPbc	Z	19:33:19.4	150.8	21.1				
	e	PKPab	Z	19:33:27.3						
TNS	e	PKPbc	Z	19:33:19.9	151.1	13.8				
	e	PKPab	Z	19:33:28.6						
GRA1	e	PKPbc	Z	19:33:19.9	151.1	19.3				
	e	PKPab	Z	19:33:29.3						
WLF	e	PKPbc	Z	19:33:22.5	151.9	9.6				
	e	PKPab	Z	19:33:32.5						
STU	e	PKPbc	Z	19:33:22.7	152.4	15.9				
BFO	e	PKPbc	Z	19:33:23.8	152.9	14.4				
	e	PKPab	Z	19:33:36.3						

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/03	05:36:36.6	20.530S	174.890W	33.0N				SZGRF
Tonga Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPbc	Z 05:56:13.5	146.4	8.8					
CLL	e	PKPbc	Z 05:56:19.5	148.6	14.3					
BRG	e	PKPbc	Z 05:56:20.6	148.9	16.2					
FBE	e	PKPbc	Z 05:56:21.1	148.9	15.1					
MOX	e	PKPbc	Z 05:56:22.7	149.5	12.0					
WERD	e	PKPbc	Z 05:56:22.5	149.5	13.4					
TANN	e	PKPbc	Z 05:56:22.3	149.6	13.7					
MANZ	e	PKPbc	Z 05:56:23.9	150.0	13.2					
ROTZ	e	PKPbc	Z 05:56:24.4	150.2	13.5					
GRA1	e	PKPbc	Z 05:56:25.0	150.4	11.7					
GEC2	e	PKPbc	Z 05:56:25.6	150.9	16.7					
BFO	e	PKPbc	Z 05:56:28.4	152.1	6.4					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/03	07:40: 9.4	20.670S	168.560E	33.0N				SZGRF
Loyalty Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
MOX	e	PKPbc	Z 07:59:41.4	145.0	39.7					
MANZ	e	PKPbc	Z 07:59:42.8	145.3	41.0					
ROTZ	e	PKPbc	Z 07:59:43.0	145.4	41.4					
GEC2	e	PKPbc	Z 07:59:43.7	145.4	44.4					
UBBA	e	PKPbc	Z 07:59:43.3	145.5	37.1					
GRA1	e	PKPbc	Z 07:59:44.8	145.9	40.0					
TNS	e	PKPbc	Z 07:59:46.6	146.5	35.3					
FUR	e	PKPbc	Z 07:59:48.9	147.0	41.6					

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WLF	e	PKPbc	Z	07:59:51.5	147.8	32.1		
BFO	e	PKPbc	Z	07:59:51.8	148.1	36.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/03	13:07:28.4	43.130N	145.450E	33.0N	5.2	4.4		SZGRF
Hokkaido, Japan, region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	13:19:13.2	75.6	32.1	0.8	30	5.5		
RUE	e P	Z	13:19:13.6	75.7	34.2	0.4	27	5.7		
CLL	e P	Z	13:19:20.0	77.0	33.6	0.9	40	5.5		
BRG	e P	Z	13:19:20.3	77.0	34.1	0.8	10	5.0		
CLZ	e P	Z	13:19:23.3	77.4	31.9	0.7	28	5.5		
GTTN	e P	Z	13:19:25.3	77.8	31.6	1.0	28	5.4		
IBBN	e P	Z	13:19:25.3	77.8	30.2	0.7	37	5.6		
WERD	e P	Z	13:19:25.7	77.9	33.0	0.9	11	5.0		
MOX	e P	Z	13:19:26.0	78.0	32.6	0.9	12	5.0		
MANZ	e P	Z	13:19:28.5	78.4	32.8	0.7	7	4.8		
ROTZ	e P	Z	13:19:29.5	78.5	32.9	0.9	12	4.9		
BUG	e P	Z	13:19:30.1	78.7	29.7	0.8	19	5.2		
WET	e P	Z	13:19:31.1	78.8	33.2	0.9	21	5.2		
GRA1	e L	Z	13:57:25.7	78.9	32.2	21.7	201		4.4	
GRB3	e P	Z	13:19:31.9	79.0	32.5	0.9	28	5.3		
TNS	e P	Z	13:19:34.0	79.4	30.4	0.9	9	4.7		
GRC3	e P	Z	13:19:34.5	79.5	32.4	0.9	31	5.3		
STU	e P	Z	13:19:39.6	80.4	30.8	0.7	21	5.3		
BFO	e P	Z	13:19:42.8	81.1	30.2	0.8	10	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/03	15:26:33.8	19.960S	173.940W	33.0N		8.0		SZGRF
Tonga Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e SS	T	16:08:15.1	145.0	11.9					
HLG	e PKPbc	Z	15:46:09.6	145.7	3.0					
	e SS	T	16:08:28.2							
BSEG	e PKPbc	Z	15:46:09.7	145.9	7.1					
	e SS	T	16:08:27.3							
RUE	e PKPbc	Z	15:46:12.6	146.9	13.4					
	e SS	T	16:08:33.8							
IBBN	e PKPbc	Z	15:46:14.6	147.6	3.0					
	e SS	T	16:08:46.3							
CLZ	e PKPbc	Z	15:46:15.8	147.9	7.7					
	e SS	T	16:08:49.4							
	e SSS	T	16:14:40.5							

CLL	e PKPdf	Z	15:46:17.7	148.2	12.4			
	e PKPbc	Z	15:46:19.8					
	e PKPab	Z	15:46:23.6					
	e pPKPdf	Z	15:46:31.8					
	e pPKPbc	Z	15:46:35.2					
	e PP	Z	15:49:49.2					
	e PPP	Z	15:53:17.9					
	e SKKSac	N	15:56:28.6					
	e SKKPdf	E	15:58:42.6					
	e PSKS	N	16:00:04.1					
	e PPS	Z	16:03:09.0					
	e SS	E	16:08:42.0					
	e PSPS	Z	16:10:23.2					
	e SSS	E	16:14:43.3					
	e SSSS	E	16:18:29.5					
	e L	Z	16:55:55.0			22.0	297880	8.0
	e R2	Z	17:04:22.4					
GTTN	e PKPbc	Z	15:46:16.4	148.3	7.0			
BRG	e PKPbc	Z	15:46:17.1	148.5	14.3			
	e SS	T	16:08:56.8					
BUG	e PKPbc	Z	15:46:16.8	148.5	2.2			
	e SS	T	16:08:55.4					
MOX	e PKPbc	Z	15:46:18.3	149.0	10.2			
	e SS	T	16:08:59.4					
WERD	e PKPbc	Z	15:46:18.7	149.1	11.5			
MANZ	e PKPbc	Z	15:46:20.1	149.6	11.3			
	e SS	T	16:09:07.8					
TNS	e PKPbc	Z	15:46:20.0	149.7	4.4			
	e SS	T	16:09:06.2					
ROTZ	e PKPbc	Z	15:46:20.5	149.8	11.5			
	e SS	T	16:09:07.4					
GRA1	e PKPbc	Z	15:46:21.0	150.0	9.7			
	e SS	T	16:09:12.8					
	e SSS	T	16:15:01.4					
	e L	Z	16:50:36.8			21.9	251226	8.0
GRFO	e PKPbc	Z	15:46:21.1	150.0	9.7			
	e SS	T	16:09:05.4					
WLF	e PKPbc	Z	15:46:21.9	150.3	0.2			
	e SS	T	16:09:13.9					
WET	e PKPbc	Z	15:46:21.6	150.3	13.0			
	e SS	T	16:09:13.1					
STU	e PKPbc	Z	15:46:23.2	151.1	6.1			
	e SS	T	16:09:24.4					
FUR	e PKPbc	Z	15:46:23.3	151.5	10.3			
	e SS	T	16:09:29.1					
BFO	e PKPbc	Z	15:46:24.1	151.6	4.5			
	e SS	T	16:09:22.3					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/03	15:54:59.3	20.940S	175.010W	33.0N				SZGRF

Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	16:14:37.8	146.8	9.1					
RUE	e PKPbc	Z	16:14:40.8	147.7	15.5					
IBBN	e PKPbc	Z	16:14:42.6	148.6	5.0					
CLZ	e PKPbc	Z	16:14:43.6	148.8	9.7					
	e PKPab	Z	16:14:47.3							
CLL	e PKPbc	Z	16:14:43.9	149.0	14.6					
	e PKPab	Z	16:14:48.1							
GTTN	e PKPbc	Z	16:14:44.3	149.1	9.1					
	e PKPab	Z	16:14:48.7							
BRG	e PKPbc	Z	16:14:44.7	149.3	16.5					
BUG	e PKPbc	Z	16:14:44.7	149.4	4.2					
MOX	e PKPbc	Z	16:14:46.1	149.8	12.4					
WERD	e PKPbc	Z	16:14:46.5	149.9	13.7					
MANZ	e PKPbc	Z	16:14:47.6	150.4	13.6					
TNS	e PKPbc	Z	16:14:47.7	150.6	6.6					
	e PKPab	Z	16:14:54.9							
ROTZ	e PKPbc	Z	16:14:48.4	150.6	13.8					
GRA1	e PKPbc	Z	16:14:48.9	150.8	12.0					
	e PKPab	Z	16:14:55.8							
WET	e PKPbc	Z	16:14:49.2	151.1	15.4					
	e PKPab	Z	16:14:57.1							
WLF	e PKPbc	Z	16:14:49.8	151.3	2.3					
STU	e PKPbc	Z	16:14:51.0	152.0	8.4					
FUR	e PKPbc	Z	16:14:52.5	152.3	12.7					
BFO	e PKPbc	Z	16:14:51.9	152.5	6.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/03	17:00:34.5	19.980S	173.220W	37.6				SZGRF

Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
HLG	e PKPbc	Z	17:20:10.1	145.8	1.8					
BSEG	e PKPbc	Z	17:20:10.5	145.9	5.9					
RUE	e PKPbc	Z	17:20:13.4	147.1	12.2					
IBBN	e PKPbc	Z	17:20:15.4	147.7	1.7					
CLZ	e PKPbc	Z	17:20:16.5	148.0	6.4					
	e PKPab	Z	17:20:19.4							
CLL	e PKPbc	Z	17:20:16.8	148.3	11.2					
GTTN	e PKPbc	Z	17:20:17.2	148.3	5.7					
	e PKPab	Z	17:20:20.6							
BUG	e PKPbc	Z	17:20:17.6	148.5	0.9					

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BRG	e	PKPbc	Z	17:20:17.8	148.6	13.0
MOX	e	PKPbc	Z	17:20:18.9	149.1	8.9
WERD	e	PKPbc	Z	17:20:19.4	149.2	10.2
	e	PKPab	Z	17:20:24.1		
MANZ	e	PKPbc	Z	17:20:21.0	149.7	10.0
TNS	e	PKPbc	Z	17:20:20.9	149.7	3.1
	e	PKPab	Z	17:20:26.3		
ROTZ	e	PKPbc	Z	17:20:21.2	149.9	10.2
GRA1	e	PKPbc	Z	17:20:21.7	150.1	8.4
	e	PKPab	Z	17:20:27.9		
	e	pPKPbc	Z	17:20:33.0		
WLF	e	PKPbc	Z	17:20:22.8	150.3	358.8
	e	PKPab	Z	17:20:28.9		
WET	e	PKPbc	Z	17:20:22.3	150.4	11.7
FUR	e	PKPbc	Z	17:20:25.1	151.6	8.9
BFO	e	PKPbc	Z	17:20:25.1	151.6	3.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/03	17:07:7.4	20.730S	174.037W	33.0N				SZGRF
Tonga Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPbc	Z	17:26:44.9	146.6	7.4			
RUE	e	PKPbc	Z	17:26:48.7	147.7	13.8			
IBBN	e	PKPbc	Z	17:26:50.7	148.4	3.2			
CLZ	e	PKPbc	Z	17:26:51.2	148.7	8.0			
CLL	e	PKPbc	Z	17:26:51.2	148.9	12.8			
GTTN	e	PKPbc	Z	17:26:52.4	149.0	7.3			
BRG	e	PKPbc	Z	17:26:52.4	149.2	14.7			
MOX	e	PKPbc	Z	17:26:53.4	149.8	10.5			
MANZ	e	PKPbc	Z	17:26:55.2	150.3	11.7			
TNS	e	PKPbc	Z	17:26:55.8	150.4	4.7			
ROTZ	e	PKPbc	Z	17:26:55.8	150.5	11.9			
GRA1	e	PKPbc	Z	17:26:56.2	150.7	10.1			
WLF	e	PKPbc	Z	17:26:57.4	151.1	0.4			
FUR	e	PKPbc	Z	17:26:59.4	152.2	10.7			
BFO	e	PKPbc	Z	17:26:59.5	152.3	4.8			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/03	17:56:26.3	20.560S	174.090W	43.3				SZGRF
Tonga Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e	PKPbc	Z	18:16:00.8	145.6	12.3			
HLG	e	PKPbc	Z	18:16:03.7	146.3	3.3			

BSEG	e	PKPbc	Z	18:16:03.8	146.5	7.5
RUE	e	PKPbc	Z	18:16:06.6	147.5	13.8
IBBN	e	PKPbc	Z	18:16:08.7	148.2	3.3
CLZ	e	PKPbc	Z	18:16:09.8	148.5	8.0
CLL	e	PKPbc	Z	18:16:10.1	148.8	12.9
GTTN	e	PKPbc	Z	18:16:10.3	148.9	7.4
BRG	e	PKPbc	Z	18:16:11.1	149.0	14.7
BUG	e	PKPbc	Z	18:16:10.8	149.1	2.5
MOX	e	PKPbc	Z	18:16:12.3	149.6	10.6
WERD	e	PKPbc	Z	18:16:12.7	149.7	11.9
MANZ	e	PKPbc	Z	18:16:14.1	150.2	11.7
TNS	e	PKPbc	Z	18:16:14.0	150.3	4.8
ROTZ	e	PKPbc	Z	18:16:14.6	150.4	12.0
GRA1	e	PKPbc	Z	18:16:15.0	150.6	10.2
	e	pPKPbc	Z	18:16:28.1		
GRFO	e	PKPbc	Z	18:16:15.2	150.6	10.2
WET	e	PKPbc	Z	18:16:15.6	150.9	13.5
WLF	e	PKPbc	Z	18:16:16.0	150.9	0.5
STU	e	PKPbc	Z	18:16:17.4	151.7	6.5
FUR	e	PKPbc	Z	18:16:18.1	152.1	10.8
BFO	e	PKPbc	Z	18:16:18.2	152.2	4.9

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/03 19:28: 8.8 21.890S 173.760W 33.0N
 Tonga Islands SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
HLG	e	PKPbc	Z	19:47:50.0	147.7	2.9				
BSEG	e	PKPbc	Z	19:47:49.9	147.8	7.1				
RUE	e	PKPbc	Z	19:47:52.7	148.9	13.6				
IBBN	e	PKPbc	Z	19:47:54.7	149.6	2.8				
CLZ	e	PKPbc	Z	19:47:55.9	149.9	7.7				
CLL	e	PKPbc	Z	19:47:56.1	150.1	12.7				
GTTN	e	PKPbc	Z	19:47:56.4	150.2	7.0				
BRG	e	PKPbc	Z	19:47:57.1	150.4	14.6				
BUG	e	PKPbc	Z	19:47:56.8	150.4	1.9				
MOX	e	PKPbc	Z	19:47:58.2	150.9	10.3				
WERD	e	PKPbc	Z	19:47:58.6	151.0	11.7				
MANZ	e	PKPbc	Z	19:48:00.0	151.5	11.5				
TNS	e	PKPbc	Z	19:48:00.0	151.6	4.3				
ROTZ	e	PKPbc	Z	19:48:00.4	151.7	11.8				
GRA1	e	PKPbc	Z	19:48:01.0	151.9	9.9				
GRFO	e	PKPbc	Z	19:48:01.0	151.9	9.9				
WLF	e	PKPbc	Z	19:48:01.8	152.2	359.8				
WET	e	PKPbc	Z	19:48:01.5	152.2	13.3				
STU	e	PKPbc	Z	19:48:03.2	153.0	6.0				
FUR	e	PKPbc	Z	19:48:03.8	153.4	10.5				

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BFO e PKPbc Z 19:48:04.0 153.5 4.3

Date Origin Time Lat Long Depth mb Ms ML Source
2006/05/03 21:34:32.5 21.700S 173.780W 33.0N
Tonga Islands SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
HLG	e PKPbc	Z 21:54:13.4	147.5	2.9					
BSEG	e PKPbc	Z 21:54:13.4	147.6	7.1					
RUE	e PKPbc	Z 21:54:16.3	148.7	13.6					
IBBN	e PKPbc	Z 21:54:18.2	149.4	2.8					
CLZ	e PKPbc	Z 21:54:19.4	149.7	7.7					
CLL	e PKPbc	Z 21:54:19.6	149.9	12.6					
GTTN	e PKPbc	Z 21:54:19.7	150.0	7.0					
BRG	e PKPbc	Z 21:54:20.5	150.2	14.6					
BUG	e PKPbc	Z 21:54:20.3	150.2	2.0					
MOX	e PKPbc	Z 21:54:21.7	150.7	10.3					
WERD	e PKPbc	Z 21:54:22.1	150.9	11.7					
MANZ	e PKPbc	Z 21:54:23.5	151.3	11.5					
TNS	e PKPbc	Z 21:54:23.2	151.4	4.3					
ROTZ	e PKPbc	Z 21:54:23.9	151.5	11.7					
GRA1	e PKPbc	Z 21:54:24.5	151.7	9.8					
WLF	e PKPbc	Z 21:54:25.4	152.0	359.9					
WET	e PKPbc	Z 21:54:25.0	152.1	13.3					
STU	e PKPbc	Z 21:54:26.6	152.8	6.1					
FUR	e PKPbc	Z 21:54:27.4	153.2	10.5					
BFO	e PKPbc	Z 21:54:27.7	153.3	4.4					

Date Origin Time Lat Long Depth mb Ms ML Source
2006/05/03

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKPbc	Z 22:57:37.2							

Date Origin Time Lat Long Depth mb Ms ML Source
2006/05/03 23:44:15.3 20.182S 175.880W 33.0N
Tonga Islands SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 00:03:50.9	145.9	10.4					
RUE	e PKPbc	Z 00:03:54.1	146.8	16.7					
IBBN	e PKPbc	Z 00:03:56.7	147.8	6.4					
CLZ	e PKPbc	Z 00:03:56.7	148.0	11.1					

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CLL	e	PKPbc	Z	00:03:57.2	148.1	15.9
GTTN	e	PKPbc	Z	00:03:58.3	148.3	10.5
BRG	e	PKPbc	Z	00:03:57.7	148.3	17.8
BUG	e	PKPbc	Z	00:03:58.7	148.6	5.7
	e	PKPab	Z	00:04:02.6		
MOX	e	PKPbc	Z	00:03:58.8	149.0	13.7
WERD	e	PKPbc	Z	00:03:59.0	149.0	15.1
MANZ	e	PKPbc	Z	00:04:00.7	149.5	14.9
ROTZ	e	PKPbc	Z	00:04:01.7	149.7	15.2
TNS	e	PKPbc	Z	00:04:01.2	149.8	8.1
	e	PKPab	Z	00:04:07.6		
GRA1	e	PKPbc	Z	00:04:02.2	150.0	13.4
	e	PKPab	Z	00:04:07.8		
WET	e	PKPbc	Z	00:04:02.2	150.2	16.7
GEC2	e	PKPbc	Z	00:04:02.7	150.3	18.4
WLF	e	PKPbc	Z	00:04:03.2	150.5	3.9
	e	PKPab	Z	00:04:09.7		
STU	e	PKPbc	Z	00:04:05.3	151.1	9.9
FUR	e	PKPbc	Z	00:04:05.3	151.4	14.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/03	23:55:56.6	20.680S	174.200E	250.0N				SZGRF

Vanuatu Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e	PKPbc	Z	00:15:06.1	146.0	32.7			
BRG	e	PKPbc	Z	00:15:05.6	146.1	34.5			
CLZ	e	PKPbc	Z	00:15:06.2	146.4	28.1			
WERD	e	PKPbc	Z	00:15:09.5	147.0	32.3			
MOX	e	PKPbc	Z	00:15:10.5	147.0	31.0			
GEC2	e	PKPbc	Z	00:15:12.3	147.8	35.9			
GRA1	e	PKPbc	Z	00:15:10.8	148.0	31.1			
TNS	e	PKPbc	Z	00:15:14.0	148.4	26.1			
FUR	e	PKPbc	Z	00:15:14.6	149.3	32.5			
STU	e	PKPbc	Z	00:15:16.5	149.5	28.4			
WLF	e	PKPbc	Z	00:15:16.2	149.5	22.4			
BFO	e	PKPbc	Z	00:15:16.4	150.1	27.3			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/04	01:37:19.3	21.109S	173.727W	33.0N				SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPbc	Z	01:56:59.1	147.0	6.9			
RUE	e	PKPbc	Z	01:57:02.0	148.1	13.3			

IBBN	e	PKPbc	Z	01:57:04.2	148.8	2.7
CLZ	e	PKPbc	Z	01:57:04.8	149.1	7.5
CLL	e	PKPbc	Z	01:57:05.1	149.3	12.4
GTTN	e	PKPbc	Z	01:57:05.6	149.4	6.8
BRG	e	PKPbc	Z	01:57:06.0	149.6	14.3
BUG	e	PKPbc	Z	01:57:06.0	149.7	1.8
MOX	e	PKPbc	Z	01:57:07.1	150.2	10.1
WERD	e	PKPbc	Z	01:57:07.8	150.3	11.4
MANZ	e	PKPbc	Z	01:57:09.1	150.8	11.2
TNS	e	PKPbc	Z	01:57:08.7	150.8	4.2
ROTZ	e	PKPbc	Z	01:57:09.4	151.0	11.5
GRA1	e	PKP	Z	01:57:10.0	151.1	9.6
WLF	e	PKPbc	Z	01:57:10.7	151.4	359.8
WET	e	PKPbc	Z	01:57:10.3	151.5	13.0
GEC2	e	PKPbc	Z	01:57:10.4	151.6	14.7
FUR	e	PKPbc	Z	01:57:12.8	152.6	10.2
BFO	e	PKPbc	Z	01:57:13.7	152.7	4.2

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/04 02:08:51.8 57.970S 160.290E 33.0G
 Macquarie Island, Australia, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e PKPdf	Z 02:28:46.3	158.4	127.6					
	e PKPab	Z 02:29:18.3							
	e PP	Z 02:32:57.4							
WET	e PKPdf	Z 02:28:48.2	159.0	127.2					
	e PKPab	Z 02:29:21.4							
	e PP	Z 02:33:00.9							
FUR	e PKPab	Z 02:29:23.7	159.2	129.7					
BRG	e PKPdf	Z 02:28:48.2	159.4	123.2					
	e PKPab	Z 02:29:24.5							
ROTZ	e PKPab	Z 02:29:25.8	159.7	126.0					
	e PP	Z 02:33:05.3							
MANZ	e PKPdf	Z 02:28:49.2	159.9	125.6					
	e PKPab	Z 02:29:26.3							
	e PP	Z 02:33:05.8							
WERD	e PKPdf	Z 02:28:49.3	160.1	124.5					
	e PKPab	Z 02:29:27.4							
	e PP	Z 02:33:06.8							
CLL	e PKPdf	Z 02:28:48.9	160.2	122.4					
	e PKPab	Z 02:29:27.5							
	e PP	Z 02:33:05.1							
GRA1	e PKPdf	Z 02:28:50.2	160.2	126.5					
	e PKPab	Z 02:29:27.8							
	e PP	Z 02:33:07.5							
RUE	e PKPab	Z 02:29:28.2	160.4	119.5					

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MOX	e PKPdf	Z	02:28:49.2	160.5	124.2
	e PKPab	Z	02:29:29.3		
	e PP	Z	02:33:10.5		
STU	e PKPab	Z	02:29:29.6	160.7	129.3
BFO	e PKPab	Z	02:29:30.4	160.8	130.6
CLZ	e PKPdf	Z	02:28:51.7	161.8	121.5
	e PKPab	Z	02:29:35.0		
GTTN	e PKPdf	Z	02:28:51.5	161.9	122.4
	e PKPab	Z	02:29:35.6		
TNS	e PKPdf	Z	02:28:52.7	161.9	126.2
	e PKPab	Z	02:29:35.6		
WLF	e PKPab	Z	02:29:39.2	162.8	128.6
BSEG	e PKPdf	Z	02:28:51.7	162.9	115.7
	e PP	Z	02:33:18.2		
BUG	e PKPab	Z	02:29:40.9	163.2	123.4
IBBN	e PKPab	Z	02:29:42.5	163.4	120.8

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/04	04:26:36.9	20.138S	173.102W	33.0N				SZGRF
Tonga Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	04:46:13.4	146.1	5.8					
RUE	e PKPbc	Z	04:46:16.6	147.2	12.0					
CLZ	e PKPbc	Z	04:46:19.3	148.2	6.2					
CLL	e PKPbc	Z	04:46:20.1	148.5	11.0					
GTTN	e PKPbc	Z	04:46:20.3	148.5	5.5					
BUG	e PKPbc	Z	04:46:20.6	148.7	0.7					
BRG	e PKPbc	Z	04:46:20.4	148.8	12.8					
MOX	e PKPbc	Z	04:46:21.9	149.3	8.7					
WERD	e PKPbc	Z	04:46:22.1	149.4	10.0					
MANZ	e PKPbc	Z	04:46:23.5	149.9	9.8					
TNS	e PKPbc	Z	04:46:24.0	149.9	2.9					
ROTZ	e PKPbc	Z	04:46:24.1	150.1	10.0					
GRA1	e PKPbc	Z	04:46:24.5	150.2	8.2					
WLF	e PKPbc	Z	04:46:25.1	150.5	358.6					
WET	e PKPbc	Z	04:46:25.9	150.6	11.5					
GEC2	e PKPbc	Z	04:46:25.1	150.8	13.2					
STU	e PKPbc	Z	04:46:27.6	151.3	4.5					
FUR	e PKPbc	Z	04:46:28.0	151.8	8.7					
BFO	e PKPbc	Z	04:46:27.7	151.8	2.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/04	04:55:41.8	21.540S	174.020W	33.0N		5.3		SZGRF
Tonga Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	05:15:22.4	147.4	7.5					
RUE	e PKPbc	Z	05:15:25.7	148.5	14.0					
IBBN	e PKPbc	Z	05:15:27.6	149.2	3.2					
CLZ	e PKPbc	Z	05:15:27.8	149.5	8.1					
	e PKPab	Z	05:15:33.1	149.7	13.0					
CLL	e PKPdf	Z	05:15:24.2	149.7	13.0					
	i PKPbc	+ Z	05:15:28.5			3.0	480			
	i PKPab	Z	05:15:32.7			1.0	61			
	e pPKPbc	Z	05:15:41.8							
	e sPKPbc	Z	05:15:46.7							
	e PP	Z	05:19:04.2							
	e L	Z	06:22:04.8			22.0	554		5.3	
GTTN	e PKPbc	Z	05:15:29.4	149.8	7.4					
	e PKPab	Z	05:15:34.3							
BRG	e PKPdf	Z	05:15:24.9	150.0	14.9					
	e PKPbc	Z	05:15:29.1							
	e PKPab	Z	05:15:34.6							
BUG	e PKPbc	Z	05:15:29.2	150.1	2.4					
MOX	e PKPbc	Z	05:15:30.6	150.6	10.7					
WERD	e PKPdf	Z	05:15:25.8	150.7	12.1					
	e PKPbc	Z	05:15:30.6							
	e PKPab	Z	05:15:37.7							
MANZ	e PKPdf	Z	05:15:26.6	151.1	11.9					
	e PKPbc	Z	05:15:32.1							
TNS	e PKPbc	Z	05:15:32.1	151.3	4.8					
	e PKPab	Z	05:15:40.1							
ROTZ	e PKPbc	Z	05:15:32.7	151.3	12.1					
	e PKPab	Z	05:15:40.7							
GRA1	e PKPbc	Z	05:15:32.9	151.5	10.3					
	e PKPab	Z	05:15:41.7							
WET	e PKPdf	Z	05:15:27.4	151.9	13.7					
	e PKPbc	Z	05:15:33.7							
	e PKPab	Z	05:15:42.2							
WLF	e PKPbc	Z	05:15:34.1	151.9	0.3					
	e PKPab	Z	05:15:42.8							
GEC2	e PKPdf	Z	05:15:27.3	152.0	15.4					
	e PKPbc	Z	05:15:33.8							
	e PKPab	Z	05:15:43.0							
STU	e PKPbc	Z	05:15:35.7	152.6	6.5					
	e PKPab	Z	05:15:45.8							
FUR	e PKPab	Z	05:15:47.4	153.0	10.9					
BFO	e PKPbc	Z	05:15:36.0	153.1	4.8					
	e PKPab	Z	05:15:47.4							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
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2006/05/04 04:59:15.0
Tonga Islands

19.165S 174.677W 33.0N

SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	05:18:49.1	145.0	8.2					
RUE	e PKPbc	Z	05:18:51.9	146.0	14.4					
IBBN	e PKPbc	Z	05:18:54.7	146.8	4.2					
CLZ	e PKPbc	Z	05:18:54.5	147.1	8.8					
CLL	e PKPbc	Z	05:18:54.6	147.3	13.5					
GTTN	e PKPbc	Z	05:18:56.1	147.4	8.2					
BRG	e PKPbc	Z	05:18:55.8	147.6	15.3					
BUG	e PKPbc	Z	05:18:56.7	147.7	3.4					
MOX	e PKPbc	Z	05:18:57.7	148.1	11.3					
WERD	e PKPbc	Z	05:18:57.8	148.2	12.6					
MANZ	e PKPbc	Z	05:18:59.9	148.7	12.4					
TNS	e PKPbc	Z	05:18:59.5	148.8	5.7					
ROTZ	e PKPbc	Z	05:18:59.4	148.9	12.7					
GRA1	e PKPbc	Z	05:18:59.7	149.1	10.9					
WET	e PKPbc	Z	05:19:00.8	149.4	14.1					
WLF	e PKPbc	Z	05:19:00.9	149.5	1.5					
GEC2	e PKPbc	Z	05:19:01.4	149.6	15.8					
STU	e PKPbc	Z	05:19:03.7	150.2	7.4					
FUR	e PKPbc	Z	05:19:04.5	150.6	11.5					
BFO	e PKPbc	Z	05:19:03.9	150.7	5.8					

Date Origin Time
2006/05/04 05:01:42.4
Tonga Islands

Lat Long Depth
20.750S 174.250W 5.0N

ms ML Source
SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPdf	Z	05:21:26.7	148.9	13.2					
	e PKPbc	Z	05:21:30.1							
	e PKPab	Z	05:21:34.4							
	e pPKP	Z	05:21:43.2							
GTTN	e PKPab	Z	05:21:35.6	149.0	7.7					
BRG	e PKPab	Z	05:21:35.4	149.2	15.1					
BUG	e PKPab	Z	05:21:36.5	149.3	2.8					
TNS	e PKPab	Z	05:21:41.4	150.5	5.1					
GRA1	e PKPab	Z	05:21:42.5	150.7	10.5					
WET	e PKPab	Z	05:21:44.2	151.0	13.9					
WLF	e PKPab	Z	05:21:44.8	151.1	0.8					
GEC2	e PKPab	Z	05:21:45.1	151.2	15.6					
BFO	e PKPab	Z	05:21:47.8	152.3	5.2					

Date Origin Time Lat Long Depth mb Ms ML Source

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2006/05/04 06:59:30.1
Tonga Islands

20.200S 174.000W 36.0N

NEIC

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 07:19:18.1	150.2	9.9					

Date Origin Time
2006/05/04 11:25:28.2
Tonga Islands

Lat Long Depth mb Ms ML Source
21.710S 174.160W 37.0N 6.1 SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPpdf	Z 11:45:06.6	147.6	7.8					
IBBN	e PKPbc	Z 11:45:13.0	149.4	3.5					
CLZ	e PKPpdf	Z 11:45:10.2	149.7	8.4					
	e PKPbc	Z 11:45:14.2							
CLL	e PKPpdf	Z 11:45:10.6	149.9	13.3					
	e PKPbc	Z 11:45:13.8			1.3	125			
	e PKPab	Z 11:45:18.7							
	e SKSP	Z 11:59:03.2							
	e SS	E 12:08:00.8							
	e SSS	E 12:13:39.4							
	e SSSS	E 12:17:26.5							
	e L	Z 12:59:51.2			20.0	2445		6.0	
GTTN	e PKPbc	Z 11:45:14.8	150.0	7.7					
BRG	e PKPpdf	Z 11:45:10.5	150.2	15.3					
BUG	e PKPpdf	Z 11:45:10.4	150.2	2.7					
	e PKPbc	Z 11:45:15.7							
MOX	e PKPpdf	Z 11:45:11.3	150.7	11.0					
	e PKPbc	Z 11:45:16.6							
WERD	e PKPpdf	Z 11:45:11.8	150.8	12.4					
	e PKPbc	Z 11:45:17.0							
MANZ	e PKPpdf	Z 11:45:12.7	151.3	12.2					
	e PKPbc	Z 11:45:17.9							
TNS	e PKPpdf	Z 11:45:11.9	151.4	5.1					
	e PKPbc	Z 11:45:17.4							
ROTZ	e PKPpdf	Z 11:45:12.5	151.5	12.5					
	e PKPbc	Z 11:45:18.2							
GRA1	e PKPpdf	Z 11:45:13.6	151.7	10.6					
	e PKPbc	Z 11:45:19.3							
	e PKPab	Z 11:45:26.2							
	e L	Z 12:58:33.4			19.6	2673		6.1	
GEC2	e PKPpdf	Z 11:45:13.8	152.2	15.8					
STU	e PKPbc	Z 11:45:22.4	152.8	6.8					
BFO	e PKPbc	Z 11:45:22.4	153.3	5.2					

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Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/04	11:58:16.6	21.560S	174.500W	33.0N				SZGRF

Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	12:17:59.3	147.4	8.3					
RUE	e PKPbc	Z	12:18:02.1	148.4	14.8					
IBBN	e PKPbc	Z	12:18:04.5	149.2	4.1					
CLZ	e PKPbc	Z	12:18:05.2	149.5	8.9					
CLL	e PKPbc	Z	12:18:05.4	149.7	13.9					
GTTN	e PKPbc	Z	12:18:06.2	149.8	8.3					
BRG	e PKPbc	Z	12:18:06.3	150.0	15.8					
BUG	e PKPbc	Z	12:18:06.8	150.1	3.3					
MOX	e PKPbc	Z	12:18:07.5	150.5	11.6					
WERD	e PKPbc	Z	12:18:08.0	150.6	13.0					
MANZ	e PKPbc	Z	12:18:09.4	151.1	12.8					
TNS	e PKPbc	Z	12:18:08.7	151.2	5.7					
ROTZ	e PKPbc	Z	12:18:09.8	151.3	13.1					
GRA1	e PKPbc	Z	12:18:10.3	151.5	11.2					
WET	e PKPbc	Z	12:18:11.5	151.8	14.6					
WLF	e PKPbc	Z	12:18:11.8	151.9	1.3					
GEC2	e PKPbc	Z	12:18:11.0	151.9	16.4					
STU	e PKPbc	Z	12:18:12.9	152.6	7.5					
BFO	e PKPbc	Z	12:18:13.5	153.1	5.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/04	13:03:31.2	20.100S	174.600W	33.0N				GSRC

Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z	13:23:21.5	150.0	11.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/04	13:05:45.8	20.200S	174.300W	33.0N				GSRC

Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z	13:25:35.8	150.2	10.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/04	14:21:37.7	20.300S	174.100W	15.0N				NEIC

Tonga Islands

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Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z	14:41:29.7	150.3	10.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/04	17:07:50.8	21.500S	173.150W	33.0N				SZGRF

Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	17:27:31.0	147.5	6.0					
CLZ	e PKPbc	Z	17:27:36.8	149.5	6.5					
CLL	e PKPbc	Z	17:27:37.3	149.8	11.4					
BRG	e PKPbc	Z	17:27:38.1	150.1	13.3					
MOX	e PKPbc	Z	17:27:39.2	150.6	9.1					
WERD	e PKPbc	Z	17:27:39.7	150.7	10.4					
MANZ	e PKPbc	Z	17:27:41.2	151.2	10.2					
TNS	e PKPbc	Z	17:27:41.1	151.2	3.1					
ROTZ	e PKPbc	Z	17:27:41.6	151.4	10.5					
GRA1	e PKPbc	Z	17:27:42.2	151.6	8.6					
WET	e PKPbc	Z	17:27:42.8	151.9	12.0					
GEC2	e PKPbc	Z	17:27:43.0	152.1	13.7					
BFO	e PKPbc	Z	17:27:45.2	153.1	3.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/04	17:22:54.3	20.300S	174.100W	15.0N				NEIC

Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z	17:42:45.6	150.3	10.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/04	19:33:36.2	21.413S	173.431W	33.0N				SZGRF

Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	19:53:16.6	147.4	6.5					
RUE	e PKPbc	Z	19:53:19.2	148.4	12.9					
CLZ	e PKPbc	Z	19:53:22.3	149.4	7.0					
CLL	e PKPbc	Z	19:53:22.6	149.7	11.9					
BRG	e PKPbc	Z	19:53:23.2	150.0	13.8					
MOX	e PKPbc	Z	19:53:24.5	150.5	9.6					
WERD	e PKPbc	Z	19:53:25.0	150.6	10.9					
MANZ	e PKPbc	Z	19:53:26.2	151.1	10.7					
TNS	e PKPbc	Z	19:53:26.6	151.2	3.6					

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ROTZ	e	PKPbc	Z	19:53:26.5	151.3	11.0
GRA1	e	PKPbc	Z	19:53:26.9	151.5	9.1
GEC2	e	PKPbc	Z	19:53:28.0	152.0	14.2
BFO	e	PKPbc	Z	19:53:30.1	153.0	3.6

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/04	23:00:32.4	21.393S	173.227W	33.0N				SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPbc	Z	23:20:12.7	147.3	6.1			
RUE	e	PKPbc	Z	23:20:15.7	148.5	12.5			
IBBN	e	PKPbc	Z	23:20:17.9	149.1	1.8			
CLZ	e	PKPbc	Z	23:20:18.5	149.4	6.6			
	e	PKPab	Z	23:20:25.5					
CLL	e	PKPbc	Z	23:20:18.7	149.7	11.5			
BUG	e	PKPbc	Z	23:20:20.0	149.9	0.9			
	e	PKPab	Z	23:20:27.8					
BRG	e	PKPbc	Z	23:20:19.6	150.0	13.4			
MOX	e	PKPbc	Z	23:20:21.0	150.5	9.2			
WERD	e	PKPbc	Z	23:20:21.3	150.6	10.5			
	e	PKPab	Z	23:20:30.6					
MANZ	e	PKPdf	Z	23:20:16.9	151.1	10.3			
	e	PKPbc	Z	23:20:22.6					
	e	PKPab	Z	23:20:31.7					
TNS	e	PKPbc	Z	23:20:22.3	151.1	3.2			
ROTZ	e	PKPbc	Z	23:20:23.1	151.3	10.6			
GRA1	e	PKPbc	Z	23:20:23.1	151.5	8.7			
	e	PKPab	Z	23:20:34.4					
WLF	e	PKPbc	Z	23:20:23.9	151.7	358.8			
WET	e	PKPbc	Z	23:20:23.6	151.8	12.1			
FUR	e	PKPbc	Z	23:20:27.0	153.0	9.3			
BFO	e	PKPbc	Z	23:20:26.7	153.0	3.2			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/05	02:49:18.7	21.127S	174.822W	34.0N				SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPbc	Z	03:08:57.0	147.0	8.8			
RUE	e	PKPbc	Z	03:09:00.0	148.0	15.2			
CLZ	e	PKPbc	Z	03:09:03.7	149.0	9.4			
CLL	e	PKPbc	Z	03:09:03.0	149.2	14.4			
BRG	e	PKPbc	Z	03:09:04.1	149.5	16.2			
MOX	e	PKPbc	Z	03:09:04.8	150.1	12.1			

WERD	e	PKPbc	Z	03:09:05.6	150.1	13.4
MANZ	e	PKPbc	Z	03:09:07.1	150.6	13.3
TNS	e	PKPbc	Z	03:09:07.5	150.8	6.3
ROTZ	e	PKPbc	Z	03:09:07.4	150.8	13.5
GRA1	e	PKPbc	Z	03:09:08.2	151.0	11.7
WLF	e	PKPbc	Z	03:09:09.2	151.5	1.9
GEC2	e	PKPbc	Z	03:09:08.4	151.5	16.8
BFO	e	PKPbc	Z	03:09:11.0	152.7	6.4

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/05	04:19:46.7	19.900S	174.800W	33.0G		5.2		SZGRF
Tonga Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPdf	Z	04:39:21.4	145.7	8.6				
	e	PP	Z	04:42:42.3						
IBBN	e	PKPdf	Z	04:39:23.7	147.5	4.5				
	e	PKPbc	Z	04:39:26.9						
CLZ	e	PKPdf	Z	04:39:24.0	147.8	9.2				
	e	PKPbc	Z	04:39:27.8						
	e	PP	Z	04:42:54.4						
CLL	e	PKPdf	Z	04:39:24.5	148.0	13.9				
	i	PKPbc	- Z	04:39:28.0		1.1	175			
	e	PKPab	Z	04:39:31.7						
	e	SKSP	Z	04:53:16.9						
	e	L	Z	05:59:36.4		18.0	423		5.3	
GTTN	e	PKPdf	Z	04:39:24.3	148.1	8.5				
	e	PKPbc	Z	04:39:28.5						
BRG	e	PKPdf	Z	04:39:25.3	148.3	15.8				
	e	PKPbc	Z	04:39:29.0						
BUG	e	PKPdf	Z	04:39:25.0	148.4	3.7				
	e	PKPbc	Z	04:39:28.7						
MOX	e	PKPdf	Z	04:39:25.8	148.8	11.7				
	e	PKPbc	Z	04:39:30.2						
UBBA	e	PKPbc	Z	04:39:29.8	148.8	8.8				
WERD	e	PKPdf	Z	04:39:26.2	148.9	13.0				
	e	PKPbc	Z	04:39:30.4						
MANZ	e	PKPdf	Z	04:39:26.7	149.4	12.8				
	e	PKPbc	Z	04:39:32.1						
TNS	e	PKPbc	Z	04:39:32.1	149.6	6.0				
ROTZ	e	PKPdf	Z	04:39:26.5	149.6	13.1				
	e	PKPbc	Z	04:39:32.2						
GRA1	e	PKPdf	Z	04:39:27.6	149.8	11.3				
	e	PKPbc	Z	04:39:33.0						
	e	PP	Z	04:43:12.0						
	e	L	Z	05:57:31.9		18.9	380		5.2	
WET	e	PKPdf	Z	04:39:28.0	150.1	14.6				

	e	PKPbc	Z	04:39:33.7					
	e	PP	Z	04:43:07.2					
WLF	e	PKPdf	Z	04:39:28.6	150.2	1.8			
	e	PKPbc	Z	04:39:33.9					
GEC2	e	PKPdf	Z	04:39:28.2	150.3	16.3			
	e	PKPbc	Z	04:39:33.2					
STU	e	PKPdf	Z	04:39:29.4	151.0	7.8			
	e	PKPbc	Z	04:39:35.3					
FUR	e	PKPdf	Z	04:39:29.7	151.3	12.0			
	e	PKPbc	Z	04:39:36.2					
	e	PP	Z	04:43:16.0					
BFO	e	PKPdf	Z	04:39:29.6	151.5	6.2			
	e	PKPbc	Z	04:39:36.1					

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/05 04:45:25.9 20.596S 172.686W 33.0G
 Tonga Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPbc	Z 05:05:10.3	149.0	10.4					
BRG	e PKPbc	Z 05:05:11.0	149.3	12.2					
MOX	e PKPbc	Z 05:05:12.1	149.8	8.0					
WERD	e PKPbc	Z 05:05:12.5	149.9	9.3					
MANZ	e PKPbc	Z 05:05:13.5	150.4	9.1					
ROTZ	e PKPbc	Z 05:05:14.5	150.6	9.4					
GEC2	e PKPbc	Z 05:05:16.1	151.3	12.5					

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/05 04:46:57.1 19.559S 173.109W 42.9
 Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 05:06:30.0	145.5	5.7					
CLL	e PKPbc	Z 05:06:36.8	147.9	10.9					
BRG	e PKPbc	Z 05:06:37.3	148.2	12.7					
	e pPKPbc	Z 05:06:50.6							
MOX	e PKPbc	Z 05:06:38.6	148.7	8.6					
WERD	e PKPbc	Z 05:06:38.7	148.8	9.9					
	e pPKPbc	Z 05:06:52.1							
MANZ	e PKPbc	Z 05:06:40.6	149.3	9.7					
	e pPKPbc	Z 05:06:53.2							
TNS	e PKPbc	Z 05:06:40.5	149.3	2.9					
GRA1	e PKPbc	Z 05:06:41.7	149.7	8.1					
	e pPKPbc	Z 05:06:54.0							
WLF	e PKPbc	Z 05:06:42.5	149.9	358.6					

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WET	e	PKPbc	Z	05:06:42.1	150.0	11.3
GEC2	e	PKPbc	Z	05:06:42.3	150.2	13.0
BFO	e	PKPbc	Z	05:06:44.5	151.2	2.8

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/05	05:33:24.0	21.030S	173.640W	33.0N				SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPbc	Z 05:53:03.0	147.0	6.8				
CLZ	e	PKPbc	Z 05:53:09.1	149.0	7.3				
CLL	e	PKPbc	Z 05:53:09.7	149.3	12.2				
GTTN	e	PKPbc	Z 05:53:09.9	149.4	6.6				
BRG	e	PKPbc	Z 05:53:10.7	149.6	14.1				
BUG	e	PKPbc	Z 05:53:10.3	149.6	1.7				
UBBA	e	PKPbc	Z 05:53:11.4	150.1	6.8				
MOX	e	PKPbc	Z 05:53:12.1	150.1	9.9				
WERD	e	PKPbc	Z 05:53:12.4	150.2	11.2				
MANZ	e	PKPbc	Z 05:53:13.2	150.7	11.0				
TNS	e	PKPbc	Z 05:53:13.4	150.8	4.0				
ROTZ	e	PKPbc	Z 05:53:13.7	150.9	11.3				
GRA1	e	PKP	Z 05:53:14.9	151.1	9.4				
WLF	e	PKPbc	Z 05:53:15.5	151.4	359.6				
GEC2	e	PKPbc	Z 05:53:15.1	151.6	14.5				
BFO	e	PKPbc	Z 05:53:17.5	152.7	4.0				

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/05	06:16:20.7	20.060S	173.910W	40.0N		6.0		SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPbc	Z 06:35:55.6	146.0	7.1				
RUE	e	PKPbc	Z 06:35:58.5	147.0	13.4				
IBBN	e	PKPbc	Z 06:36:00.9	147.7	2.9				
CLZ	e	PKPbc	Z 06:36:02.2	148.0	7.6				
CLL	e	PKPdf	Z 06:35:58.9	148.3	12.4	1.3	16		
	i	PKPbc	Z 06:36:02.1		0.8	74			
	e	PKPab	Z 06:36:04.8		0.8	63			
	e	pPKPbc	Z 06:36:13.8						
	e	sPKPbc	Z 06:36:18.9						
	e	PP	Z 06:39:28.6						
	e	SS	E 06:58:20.3						
	e	SSS	E 07:04:12.9						
	e	LR	Z 07:26:13.6						
	e	L	Z 07:41:03.8		22.0	3713		6.1	

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GTTN	e	PKPbc	Z	06:36:02.4	148.4	7.0				
BRG	e	PKPbc	Z	06:36:03.2	148.6	14.2				
	e	PKPab	Z	06:36:07.2						
BUG	e	PKPbc	Z	06:36:02.9	148.6	2.1				
UBBA	e	PKPbc	Z	06:36:04.3	149.1	7.2				
MOX	e	PKPbc	Z	06:36:04.4	149.1	10.1				
WERD	e	PKPbc	Z	06:36:04.9	149.2	11.5				
	e	PKPab	Z	06:36:09.6						
MANZ	e	PKPbc	Z	06:36:06.3	149.7	11.3				
TNS	e	PKPbc	Z	06:36:06.1	149.8	4.4				
ROTZ	e	PKPbc	Z	06:36:06.7	149.9	11.5				
GRA1	e	PKPbc	Z	06:36:07.3	150.1	9.7				
	e	PKPab	Z	06:36:13.1						
	e	L	Z	07:42:11.2			21.2	2684	6.0	
WLF	e	PKPbc	Z	06:36:08.2	150.4	0.1				
WET	e	PKPbc	Z	06:36:08.0	150.4	13.0				
GEC2	e	PKPbc	Z	06:36:08.0	150.6	14.7				
STU	e	PKPbc	Z	06:36:09.6	151.2	6.1				
FUR	e	PKPbc	Z	06:36:10.1	151.6	10.3				
BFO	e	PKPbc	Z	06:36:10.4	151.7	4.4				
	e	PKPab	Z	06:36:18.9						

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/05	08:00:30.1	29.459N	81.433E	33.0N	4.9			SZGRF

Nepal

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 08:09:48.8	53.7	86.3	0.8	15	5.0		
GEC2	e P	Z 08:09:50.3	54.0	84.7	0.6	5	4.6		
CLL	e P	Z 08:09:52.6	54.3	85.9	0.6	6	4.6		
WERD	e P	Z 08:09:56.0	54.8	84.8	1.1	18	5.0		
ROTZ	e P	Z 08:09:57.8	54.9	84.3	0.9	12	4.9		
MANZ	e P	Z 08:09:58.2	54.9	84.3	0.6	6	4.8		
MOX	e P	Z 08:09:59.4	55.2	84.4	0.8	10	4.9		
GRA1	e P	Z 08:10:02.6	55.5	83.5	0.6	10	5.0		
BSEG	e P	Z 08:10:03.5	55.7	85.7	0.7	12	5.1		
CLZ	e P	Z 08:10:04.1	55.9	84.3	0.8	21	5.2		
UBBA	e P	Z 08:10:06.0	56.2	83.4	0.6	4	4.6		
BFO	e P	Z 08:10:12.9	57.6	80.6	0.9	3	4.4		
BUG	e P	Z 08:10:18.2	57.8	81.8	0.6	10	5.1		
WLF	e P	Z 08:10:25.5	58.8	79.9	0.7	12	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/05	08:49:11.3	19.470S	175.390W	33.0N				SZGRF

Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	09:08:45.3	145.3	9.5					
IBBN	e PKPbc	Z	09:08:51.2	147.1	5.5					
CLZ	e PKPbc	Z	09:08:52.2	147.3	10.1					
CLL	e PKPbc	Z	09:08:51.6	147.5	14.8					
BRG	e PKPbc	Z	09:08:53.7	147.7	16.6					
MOX	e PKPbc	Z	09:08:54.4	148.3	12.7					
UBBA	e PKPbc	Z	09:08:54.9	148.4	9.7					
WERD	e PKPbc	Z	09:08:55.0	148.4	14.0					
MANZ	e PKPbc	Z	09:08:56.4	148.9	13.8					
TNS	e PKPbc	Z	09:08:56.8	149.1	7.1					
ROTZ	e PKPbc	Z	09:08:56.1	149.1	14.0					
GRA1	e PKPbc	Z	09:08:57.7	149.3	12.3					
WET	e PKPbc	Z	09:08:58.2	149.6	15.5					
GEC2	e PKPbc	Z	09:08:58.3	149.7	17.2					
WLF	e PKPbc	Z	09:08:58.6	149.8	2.9					
BFO	e PKPbc	Z	09:09:01.1	151.0	7.2					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/05	16:23:58.9	19.427S	173.663W	33.0G		4.9		SZGRF

Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	16:43:33.4	145.4	6.6					
RUE	e PKPbc	Z	16:43:36.9	146.4	12.8					
IBBN	e PKPbc	Z	16:43:38.2	147.1	2.5					
CLZ	e PKPbc	Z	16:43:39.5	147.4	7.1					
CLL	e PKPbc	Z	16:43:39.9	147.7	11.8					
GTTN	e PKPbc	Z	16:43:40.5	147.8	6.4					
BUG	e PKPbc	Z	16:43:40.6	148.0	1.7					
BRG	e PKPbc	Z	16:43:40.9	148.0	13.6					
MOX	e PKPbc	Z	16:43:41.8	148.5	9.6					
WERD	e PKPbc	Z	16:43:42.4	148.6	10.9					
MANZ	e PKPbc	Z	16:43:43.9	149.1	10.6					
TNS	e PKPbc	Z	16:43:44.0	149.2	3.9					
ROTZ	e PKPbc	Z	16:43:44.3	149.3	10.9					
GRA1	e PKPbc	Z	16:43:44.5	149.5	9.1					
	e L	Z	17:49:16.5			22.0	205		4.9	
WLF	e PKPbc	Z	16:43:45.9	149.8	359.7					
WET	e PKPbc	Z	16:43:45.1	149.8	12.3					
GEC2	e PKPbc	Z	16:43:45.5	150.0	14.0					
FUR	e PKPbc	Z	16:43:47.8	151.0	9.6					
BFO	e PKPbc	Z	16:43:48.2	151.1	3.9					

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Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/05	20:31:1.1	23.500S	11.500W	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	20:42:31.6	74.0	198.9	1.4	15	4.8		
FUR	e P	Z	20:42:35.0	74.5	201.6	0.9	12	4.9		
WLF	e P	Z	20:42:36.9	74.8	196.7	1.1	15	4.9		
GEC2	e P	Z	20:42:43.1	75.8	203.8	1.0	3	4.3		
WET	e P	Z	20:42:42.8	75.8	203.0	1.1	7	4.7		
GRA1	e P	Z	20:42:43.5	75.9	201.4	1.1	10	4.9		
ROTZ	e P	Z	20:42:45.1	76.2	202.3	1.3	9	4.7		
MANZ	e P	Z	20:42:46.3	76.4	202.2	2.0	19	4.9		
UBBA	e P	Z	20:42:48.5	76.7	200.2					
GTTN	e P	Z	20:42:52.1	77.4	200.1	0.6	4	4.8		
CLL	e P	Z	20:42:52.5	77.9	202.9					
BSEG	e P	Z	20:43:04.5	79.7	200.3	1.0	11	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/06	00:28:36.0	21.690S	171.660W	33.0N				SZGRF

Tonga Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	00:48:16.8	147.7	3.4					
RUE	e PKPbc	Z	00:48:20.7	148.9	9.8					
CLZ	e PKPbc	Z	00:48:23.4	149.8	3.8					
CLL	e PKPbc	Z	00:48:23.3	150.2	8.7					
BRG	e PKPbc	Z	00:48:24.3	150.5	10.6					
WERD	e PKPbc	Z	00:48:25.5	151.1	7.6					
TNS	e PKPbc	Z	00:48:26.4	151.5	0.2					
MANZ	e PKPbc	Z	00:48:27.2	151.5	7.4					
ROTZ	e PKPbc	Z	00:48:28.0	151.8	7.6					
GRA1	e PKPbc	Z	00:48:27.9	151.9	5.7					
WLF	e PKPbc	Z	00:48:28.1	152.0	355.7					
GEC2	e PKPbc	Z	00:48:29.1	152.5	10.8					
BFO	e PKPbc	Z	00:48:31.4	153.4	360.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/06	02:29:29.1	24.880S	179.270W	528.0				SZGRF

South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPdf	Z	02:48:16.9	150.1	17.6					
	e PKPbc	Z	02:48:23.1							
RUE	e PKPbc	Z	02:48:24.4	150.7	24.7					

CLL	e PKPdf	Z 02:48:19.9	151.9	24.2
	e PKPbc	Z 02:48:26.8		
	e PKPab	Z 02:48:38.5		
CLZ	e PKPdf	Z 02:48:20.4	152.1	18.9
	e PKPbc	Z 02:48:27.5		
	e pPKPbc	Z 02:50:30.8		
IBBN	e PKPdf	Z 02:48:20.3	152.1	13.7
	e PKPbc	Z 02:48:27.6		
	e PKPab	Z 02:48:39.1		
	e pPKPbc	Z 02:50:30.7		
BRG	e PKPdf	Z 02:48:19.6	152.1	26.3
	e PKPbc	Z 02:48:27.3		
	e PKPab	Z 02:48:38.8		
GTTN	e PKPbc	Z 02:48:28.0	152.4	18.3
	e PKPab	Z 02:48:40.7		
MOX	e PKPdf	Z 02:48:21.2	152.9	22.1
	e PKPbc	Z 02:48:29.1		
	e PKPab	Z 02:48:42.6		
	e pPKPbc	Z 02:50:32.5		
	e pPKPab	Z 02:50:41.6		
WERD	e PKPdf	Z 02:48:20.8	152.9	23.6
	e PKPbc	Z 02:48:29.2		
	e PKPab	Z 02:48:43.0		
BUG	e PKPbc	Z 02:48:29.3	153.0	13.1
	e pPKPbc	Z 02:50:32.8		
	e pPKPab	Z 02:50:41.7		
UBBA	e PKPdf	Z 02:48:21.4	153.1	18.8
	e PKPbc	Z 02:48:29.3		
	e pPKPab	Z 02:50:43.2		
MANZ	e PKPdf	Z 02:48:21.9	153.4	23.5
	e PKPbc	Z 02:48:30.4		
	e pPKPbc	Z 02:50:34.2		
ROTZ	e PKPdf	Z 02:48:21.5	153.6	23.9
	e PKPbc	Z 02:48:30.5		
	e PKPab	Z 02:48:45.8		
	e pPKPab	Z 02:50:45.3		
GRA1	e PKPdf	Z 02:48:22.6	153.9	22.0
	e PKPbc	Z 02:48:31.3		
WET	e PKPdf	Z 02:48:22.0	153.9	25.8
	e PKPab	Z 02:48:47.2		
TNS	e PKPdf	Z 02:48:22.8	154.0	16.1
	e PKPbc	Z 02:48:31.6		
	e PKPab	Z 02:48:46.9		
GEC2	e PKPdf	Z 02:48:21.8	154.0	27.6
	e PKPbc	Z 02:48:31.2		
WLF	e PKPdf	Z 02:48:24.6	154.9	11.6
	e PKPab	Z 02:48:51.3		
	e pPKPbc	Z 02:50:37.6		
	e pPKPab	Z 02:50:51.1		

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STU	e	PKPdf	Z	02:48:24.4	155.2	18.6
FUR	e	PKPdf	Z	02:48:24.7	155.3	23.4
	e	PKPab	Z	02:48:53.2		
BFO	e	PKPdf	Z	02:48:25.0	155.8	17.0
	e	PKPab	Z	02:48:54.7		
	e	pPKPab	Z	02:50:53.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/06	05:01:31.1	22.260S	177.280W	33.0N				SZGRF
South of Fiji Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPbc	Z 05:21:12.5	147.8	13.3					
RUE	e	PKPbc	Z 05:21:14.6	148.6	19.9					
	e	PKPab	Z 05:21:18.3							
IBBN	e	PKPbc	Z 05:21:17.7	149.7	9.3					
	e	PKPab	Z 05:21:23.2							
CLZ	e	PKPbc	Z 05:21:18.1	149.8	14.2					
	e	PKPab	Z 05:21:23.5							
CLL	e	PKPbc	Z 05:21:17.8	149.9	19.2					
	e	PKPab	Z 05:21:23.2							
BRG	e	PKPbc	Z 05:21:18.1	150.1	21.2					
	e	PKPab	Z 05:21:24.2							
GTTN	e	PKPbc	Z 05:21:18.8	150.2	13.6					
	e	PKPab	Z 05:21:25.0							
BUG	e	PKPbc	Z 05:21:19.6	150.6	8.6					
	e	PKPab	Z 05:21:26.3							
MOX	e	PKPbc	Z 05:21:19.9	150.8	17.0					
	e	PKPab	Z 05:21:27.1							
WERD	e	PKPbc	Z 05:21:20.3	150.8	18.4					
	e	PKPab	Z 05:21:27.3							
UBBA	e	PKPbc	Z 05:21:20.3	150.9	13.9					
MANZ	e	PKPbc	Z 05:21:21.8	151.3	18.3					
	e	PKPab	Z 05:21:29.4							
ROTZ	e	PKPbc	Z 05:21:21.8	151.5	18.6					
	e	PKPab	Z 05:21:30.3							
TNS	e	PKPbc	Z 05:21:22.3	151.7	11.2					
	e	PKPab	Z 05:21:30.7							
GRA1	e	PKPbc	Z 05:21:22.6	151.8	16.8					
	e	PKPab	Z 05:21:31.5							
WET	e	PKPbc	Z 05:21:23.0	151.9	20.3					
	e	PKPab	Z 05:21:32.3							
GEC2	e	PKPbc	Z 05:21:23.0	152.0	22.1					
	e	PKPab	Z 05:21:32.3							
WLF	e	PKPbc	Z 05:21:24.8	152.5	6.9					
	e	PKPab	Z 05:21:34.6							
STU	e	PKPbc	Z 05:21:25.0	153.0	13.3					

./2006/bul0605.txt

Thu Apr 23 08:38:25 2020

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FUR	e PKPbc	Z	05:21:25.7	153.2	17.8
	e PKPab	Z	05:21:37.5		
BFO	e PKPbc	Z	05:21:26.3	153.5	11.7
	e PKPab	Z	05:21:38.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/06	07:09:13.0	43.267N	34.809W	33.0N	4.4			SZGRF

Northern Mid-Atlantic Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 07:15:35.0	31.8	276.3	1.0	5	4.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/06	08:44: 6.7	20.760S	175.350W	33.0N				SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 09:03:44.2	146.5	9.6					
IBBN	e PKPbc	Z 09:03:49.6	148.4	5.5					
CLZ	e PKPbc	Z 09:03:49.8	148.6	10.3					
CLL	e PKPbc	Z 09:03:50.5	148.8	15.2					
GTTN	e PKPbc	Z 09:03:51.8	148.9	9.7					
BRG	e PKPbc	Z 09:03:51.5	149.0	17.1					
MOX	e PKPbc	Z 09:03:52.6	149.6	13.0					
WERD	e PKPbc	Z 09:03:53.0	149.7	14.3					
MANZ	e PKPbc	Z 09:03:54.7	150.2	14.1					
ROTZ	e PKPbc	Z 09:03:54.9	150.4	14.4					
TNS	e PKPbc	Z 09:03:54.6	150.4	7.2					
GRA1	e PKPbc	Z 09:03:55.4	150.6	12.6					
WET	e PKPbc	Z 09:03:55.9	150.9	16.0					
GEC2	e PKPbc	Z 09:03:56.3	151.0	17.7					
WLF	e PKPbc	Z 09:03:56.8	151.1	2.9					
BFO	e PKPbc	Z 09:03:59.0	152.3	7.4					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/06								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 14:20:54.1							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
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2006/05/06 15:05: 3.9
Tonga Islands

20.720S 175.110W 33.0N

SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	15:24:41.3	146.5	9.2					
IBBN	e PKPbc	Z	15:24:46.7	148.3	5.1					
CLZ	e PKPbc	Z	15:24:47.5	148.6	9.9					
CLL	e PKPbc	Z	15:24:47.9	148.8	14.7					
GTTN	e PKPbc	Z	15:24:48.1	148.9	9.2					
BRG	e PKPbc	Z	15:24:48.7	149.0	16.6					
MOX	e PKPbc	Z	15:24:49.8	149.6	12.5					
WERD	e PKPbc	Z	15:24:50.3	149.7	13.8					
MANZ	e PKPbc	Z	15:24:51.8	150.2	13.7					
TNS	e PKPbc	Z	15:24:52.0	150.4	6.7					
ROTZ	e PKPbc	Z	15:24:52.1	150.4	13.9					
GRA1	e PKPbc	Z	15:24:52.9	150.6	12.1					
WET	e PKPbc	Z	15:24:53.1	150.9	15.5					
GEC2	e PKPbc	Z	15:24:53.6	151.0	17.2					
WLF	e PKPbc	Z	15:24:54.0	151.0	2.4					
FUR	e PKPbc	Z	15:24:56.0	152.1	12.8					
BFO	e PKPbc	Z	15:24:56.1	152.3	6.9					

Date Origin Time
2006/05/06 15:36:49.1
Tonga Islands

Lat Long Depth mb Ms ML
20.200S 174.500W 33.0N

Source
GSRC

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z	15:56:38.1	150.2	10.8					

Date Origin Time
2006/05/06 18:26:52.1
Mid-Indian Ridge

Lat Long Depth mb Ms ML
38.200S 78.755E 10.0G

Source
NEIC

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PP	Z	18:45:26.7	106.1	130.9					
	e Sdiff	T	18:52:57.6							
	e SP	Z	18:54:46.2							
	e SS	T	19:00:22.6							
	e L	Z	19:40:44.2			19.5	1594		5.6	
CLL	e PP	Z	18:45:40.6	106.0	131.6					
	e SKSac	E	18:51:46.9							
	e Sdiff	N	18:53:07.3							
	e PS	E	18:54:48.1							
	e PPS	E	18:55:55.4							
	e SS	E	19:00:37.0							

e SSS	N	19:04:31.9									
e SSSS	E	19:07:56.0									
e L	Z	19:38:15.2			18.0		1283		5.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/06								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 19:24:07.0							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/06	19:47:32.7	44.090N	148.350E	33.0N	4.9			SZGRF
Kuril Islands, Russia								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 19:59:17.2	75.6	29.7	0.9	12	5.0		
CLL	e P	Z 19:59:24.2	77.1	31.2	0.6	19	5.4		
BRG	e P	Z 19:59:24.9	77.1	31.8	0.9	6	4.7		
CLZ	e P	Z 19:59:27.1	77.4	29.5	0.8	14	5.1		
IBBN	e P	Z 19:59:29.2	77.8	27.8	0.7	12	5.1		
GTTN	e P	Z 19:59:29.2	77.8	29.2	0.7	9	5.0		
WERD	e P	Z 19:59:30.0	78.0	30.6	0.8	5	4.7		
MOX	e P	Z 19:59:30.1	78.1	30.2	0.8	6	4.8		
MANZ	e P	Z 19:59:33.1	78.5	30.5	0.9	6	4.6		
ROTZ	e P	Z 19:59:33.9	78.7	30.5	0.8	4	4.4		
BUG	e P	Z 19:59:33.5	78.7	27.4	0.7	11	5.0		
GEC2	e P	Z 19:59:34.9	78.9	31.4	0.8	7	4.8		
WET	e P	Z 19:59:35.5	79.0	30.9	0.9	13	5.0		
GRA1	e P	Z 19:59:36.3	79.0	29.9	0.7	27	5.4		
TNS	e P	Z 19:59:37.8	79.4	28.1	0.8	8	4.7		
FUR	e P	Z 19:59:43.4	80.4	29.7	1.0	27	5.2		
STU	e P	Z 19:59:43.4	80.5	28.4	0.7	13	5.1		
BFO	e P	Z 19:59:46.8	81.2	27.8	0.8	9	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/06								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 22:25:26.2							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
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2006/05/06 22:42:39.9
Central Italy

43.166N

12.805E

10.0G

3.5

SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
OBKA	e Pn	Z	22:43:35.4	3.6	200.9					3.6
KBA	e Pn	Z	22:43:40.5	3.9	185.8					3.3
WTTA	e Pn	Z	22:43:43.8	4.2	168.2					3.6
ARSA	e Pn	Z	22:43:47.8	4.5	206.1					3.2
	e Sn	N	22:44:38.0							
DAVA	e Pn	Z	22:43:49.2	4.6	152.4					3.5
MOA	e Pn	Z	22:43:52.7	4.8	192.9					3.3
	e Sn	N	22:44:46.6							
GEC2	e Pn	Z	22:44:04.0	5.7	186.6					3.5
	e Sn	N	22:45:09.3							
WET	e Pn	Z	22:44:06.4	6.0	180.5					3.7
	e Sn	E	22:45:13.5							
ROTZ	e Sn	N	22:45:28.2	6.6	176.2					3.4
GRA1	e Sn	E	22:45:28.9	6.6	169.9					3.8

Date Origin Time Lat Long Depth mb Ms ML Source
2006/05/06

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z	22:52:13.5							
	e Sn	E	22:53:19.5							
WET	e Pn	Z	22:52:15.1							
	e Sn	N	22:53:23.0							

Date Origin Time Lat Long Depth mb Ms ML Source
2006/05/07

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z	00:51:47.1							

Date Origin Time Lat Long Depth mb Ms ML Source
2006/05/07 00:55: 2.8
Eastern Siberia, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	01:05:58.9	68.0	12.2	1.3	6	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/07	01:52:60.0	21.249N	121.894E	33.0N	5.6	5.1		SZGRF

Taiwan region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z	02:05:25.2	83.6	63.0	1.8	159	6.0		
BRG	e P	Z	02:05:28.2	84.3	63.0	1.7	86	5.7		
CLL	e P	Z	02:05:29.5	84.6	62.3	1.9	128	5.8		
BSEG	e P	Z	02:05:31.0	84.8	60.5	2.1	130	5.8		
GEC2	e P	Z	02:05:33.6	85.3	62.7	2.1	128	5.7		
WERD	e P	Z	02:05:33.8	85.4	61.8	1.7	62	5.5		
WET	e P	Z	02:05:35.6	85.7	62.1	1.8	76	5.5		
MOX	e P	Z	02:05:35.3	85.7	61.3	1.7	68	5.5		
MANZ	e P	Z	02:05:36.0	85.7	61.6	1.9	68	5.5		
ROTZ	e P	Z	02:05:36.2	85.8	61.6	2.0	116	5.7		
CLZ	e P	Z	02:05:36.3	85.8	60.4	1.2	42	5.4		
GTTN	e P	Z	02:05:37.8	86.1	60.1	2.2	137	5.7		
GRA1	e P	Z	02:05:39.2	86.4	60.9	1.9	116	5.7		
	e PP	Z	02:08:59.2							
	e L	Z	02:47:33.6			21.0	785		5.1	
IBBN	e P	Z	02:05:41.6	86.9	58.4	1.3	53	5.5		
FUR	e P	Z	02:05:42.6	87.1	60.9	2.1	206	5.9		
BUG	e P	Z	02:05:44.9	87.6	58.0	1.4	40	5.6		
TNS	e P	Z	02:05:45.2	87.6	58.8	1.8	44	5.5		
STU	e P	Z	02:05:46.4	88.0	59.4	1.4	15	5.1		
BFO	e P	Z	02:05:49.5	88.7	58.7	1.6	14	5.0		
WLF	e P	Z	02:05:52.7	89.2	57.1	1.4	38	5.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/07	02:33:45.1	20.490S	173.600W	33.0N		5.4		SZGRF

Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e PKPbc	Z	02:53:20.2	145.5	11.5					
HLG	e PKPbc	Z	02:53:23.0	146.3	2.5					
BSEG	e PKPbc	Z	02:53:23.2	146.4	6.6					
RUE	e PKPdf	Z	02:53:24.1	147.5	12.9					
	e PKPbc	Z	02:53:26.1							
IBBN	e PKPdf	Z	02:53:25.2	148.2	2.4					
	e PKPbc	Z	02:53:28.1							
	e PKPab	Z	02:53:30.9							
CLZ	e PKPdf	Z	02:53:25.5	148.5	7.1					
	e PKPbc	Z	02:53:29.2							
	e PKPab	Z	02:53:32.1							
CLL	e PKPdf	Z	02:53:25.3	148.8	12.0	1.9	54			
	i PKPbc	+ Z	02:53:29.6			2.0	475			
	e PKPab	Z	02:53:32.2							

	e pPKPbc	Z	02:53:42.7						
	e PP	Z	02:56:53.9						
	e PPP	Z	03:00:17.5						
	e L	Z	03:57:50.2			22.0	1208	5.6	
GTTN	e PKPdf	Z	02:53:25.9	148.8	6.5				
	e PKPbc	Z	02:53:29.6						
	e PKPab	Z	02:53:33.1						
BUG	e PKPdf	Z	02:53:26.6	149.0	1.6				
	e PKPbc	Z	02:53:30.3						
BRG	e PKPdf	Z	02:53:26.4	149.0	13.8				
	e PKPbc	Z	02:53:30.5						
	e PKPab	Z	02:53:34.3						
MOX	e PKPdf	Z	02:53:26.9	149.6	9.7				
	e PKPbc	Z	02:53:31.8						
	e PKPab	Z	02:53:36.3						
WERD	e PKPdf	Z	02:53:27.4	149.7	11.0				
	e PKPbc	Z	02:53:32.1						
	e PKPab	Z	02:53:36.6						
MANZ	e PKPdf	Z	02:53:28.5	150.2	10.8				
	e PKPbc	Z	02:53:33.6						
TNS	e PKPbc	Z	02:53:33.5	150.2	3.9				
	e PKPab	Z	02:53:39.3						
ROTZ	e PKPdf	Z	02:53:28.7	150.4	11.0				
	e PKPbc	Z	02:53:34.0						
GRA1	e PKPdf	Z	02:53:29.2	150.5	9.2				
	e PKPbc	Z	02:53:34.5						
	e PKPab	Z	02:53:40.7						
	e L	Z	03:59:21.0			21.7	713	5.4	
GRFO	e PKPdf	Z	02:53:29.2	150.5	9.2				
	e PKPbc	Z	02:53:34.5						
	e PKPab	Z	02:53:40.7						
WLF	e PKPdf	Z	02:53:29.9	150.8	359.5				
	e PKPbc	Z	02:53:35.5						
WET	e PKPdf	Z	02:53:29.2	150.9	12.5				
	e PKPbc	Z	02:53:35.2						
GEC2	e PKPdf	Z	02:53:29.5	151.0	14.2				
	e PKPbc	Z	02:53:35.4						
STU	e PKPdf	Z	02:53:30.3	151.6	5.5				
	e PKPbc	Z	02:53:36.8						
	e PKPab	Z	02:53:44.5						
FUR	e PKPdf	Z	02:53:31.1	152.0	9.8				
	e PKPbc	Z	02:53:37.5						
BFO	e PKPdf	Z	02:53:31.0	152.1	3.9				
	e PKPbc	Z	02:53:37.8						
	e PKPab	Z	02:53:46.8						

2006/05/07 02:42: 8.0
Tonga Islands

19.744S 173.036W 33.0N

SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	03:01:44.2	145.7	5.6					
RUE	e PKPbc	Z	03:01:47.4	146.8	11.8					
CLZ	e PKPbc	Z	03:01:50.4	147.8	6.0					
CLL	e PKPbc	Z	03:01:50.8	148.1	10.8					
BRG	e PKPbc	Z	03:01:51.7	148.4	12.6					
MOX	e PKPbc	Z	03:01:53.1	148.9	8.5					
WERD	e PKPbc	Z	03:01:53.4	149.0	9.8					
MANZ	e PKPbc	Z	03:01:54.9	149.5	9.6					
ROTZ	e PKPbc	Z	03:01:55.2	149.7	9.8					
GRA1	e PKPbc	Z	03:01:55.4	149.9	8.0					
WLF	e PKPbc	Z	03:01:56.8	150.1	358.5					
GEC2	e PKPbc	Z	03:01:56.7	150.4	12.9					
FUR	e PKPbc	Z	03:01:59.0	151.4	8.5					
BFO	e PKPbc	Z	03:01:58.7	151.4	2.7					

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/07 06:20:59.6 30.100N 55.400E 33.0N 4.4 4.1
 Northern and central Iran

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	06:28:03.6	36.6	105.2	1.1	13	4.6		
BRG	e P	Z	06:28:07.1	37.0	108.0	1.1	5	4.1		
WET	e P	Z	06:28:08.4	37.2	104.8	1.0	7	4.3		
CLL	e P	Z	06:28:13.2	37.7	107.6	1.1	13	4.6		
ROTZ	e P	Z	06:28:13.8	37.8	104.9	1.3	12	4.5		
MANZ	e P	Z	06:28:15.1	37.9	105.1	1.2	4	4.0		
MOX	e P	Z	06:28:18.9	38.4	105.4	1.2	5	4.1		
GRA1	e P	Z	06:28:18.8	38.4	103.9	1.0	20	4.8		
	e L	Z	06:49:15.5			19.3	260		4.1	
CLZ	e P	Z	06:28:27.4	39.5	105.6	1.0	11	4.5		
STU	e P	Z	06:28:27.5	39.5	100.9	0.8	7	4.3		
GTTN	e P	Z	06:28:29.6	39.6	104.9	1.2	12	4.4		
BSEG	e P	Z	06:28:32.6	40.1	108.0	1.0	7	4.2		
TNS	e P	Z	06:28:34.2	40.2	101.9	1.5	39	4.8		
BUG	e P	Z	06:28:42.5	41.2	102.2	1.1	15	4.6		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/07 11:09:54.7 30.015N 128.451E 33.0N 5.0
 Northwest of Ryukyu Islands, Japan

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
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RUE	e P	Z	11:22:01.2	79.8	53.1	1.3	36	5.1
BSEG	e P	Z	11:22:05.4	80.6	50.7	1.2	17	5.0
BRG	e P	Z	11:22:05.9	80.7	53.0	1.4	11	4.7
CLL	e P	Z	11:22:06.0	80.9	52.4	1.1	13	4.9
WERD	e P	Z	11:22:11.3	81.8	51.8	1.2	8	4.7
CLZ	e P	Z	11:22:11.4	81.9	50.5	0.9	19	5.2
MOX	e P	Z	11:22:12.4	82.0	51.3	0.9	5	4.6
GEC2	e P	Z	11:22:12.6	82.1	52.6	0.9	6	4.7
MANZ	e P	Z	11:22:13.6	82.2	51.6	1.2	9	4.8
GTTN	e P	Z	11:22:13.9	82.2	50.2	1.2	25	5.3
ROTZ	e P	Z	11:22:14.2	82.3	51.6	1.0	14	5.1
WET	e P	Z	11:22:14.1	82.3	52.0	2.7	44	5.2
IBBN	e P	Z	11:22:16.3	82.8	48.6	0.9	32	5.6
GRA1	e P	Z	11:22:16.1	82.8	50.9	1.4	39	5.4
BUG	e P	Z	11:22:20.3	83.6	48.2	1.4	17	5.1
FUR	e P	Z	11:22:21.5	83.7	50.8	1.4	41	5.5
TNS	e P	Z	11:22:21.8	83.8	49.0	1.0	5	4.7
BFO	e P	Z	11:22:29.2	85.1	48.7	1.5	10	4.8

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/07 11:56:29.9 21.037S 173.007W 33.0N
 Tonga Islands SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
HLG	e PKPbc	Z 12:16:09.6	146.8	1.5					
BSEG	e PKPbc	Z 12:16:09.7	147.0	5.7					
RUE	e PKPbc	Z 12:16:12.4	148.1	12.1					
CLZ	e PKPbc	Z 12:16:15.5	149.1	6.1					
CLL	e PKPbc	Z 12:16:15.7	149.4	11.1					
BUG	e PKPbc	Z 12:16:16.5	149.6	0.5					
BRG	e PKPbc	Z 12:16:16.8	149.7	12.9					
MOX	e PKPbc	Z 12:16:17.9	150.2	8.7					
WERD	e PKPbc	Z 12:16:18.3	150.3	10.0					
MANZ	e PKPbc	Z 12:16:19.6	150.8	9.8					
TNS	e PKPbc	Z 12:16:19.5	150.8	2.8					
ROTZ	e PKPbc	Z 12:16:20.1	151.0	10.1					
GRA1	e PKPbc	Z 12:16:19.8	151.1	8.2					
WLF	e PKPbc	Z 12:16:21.4	151.4	358.4					
WET	e PKPbc	Z 12:16:21.0	151.5	11.6					
GEC2	e PKPbc	Z 12:16:21.2	151.7	13.3					
STU	e PKPbc	Z 12:16:22.7	152.2	4.4					
FUR	e PKPbc	Z 12:16:23.4	152.7	8.7					
BFO	e PKPbc	Z 12:16:23.6	152.7	2.7					

Date Origin Time Lat Long Depth mb Ms ML Source

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2006/05/07 12:30:33.8
Tonga Islands

19.834S 173.938W 33.0N 5.2 SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	12:50:09.6	145.7	7.1					
RUE	e PKPbc	Z	12:50:12.5	146.8	13.3					
CLZ	e PKPbc	Z	12:50:15.6	147.8	7.6					
CLL	e PKPbc	Z	12:50:15.9	148.1	12.4					
BRG	e PKPbc	Z	12:50:16.9	148.3	14.2					
BUG	e PKPbc	Z	12:50:16.6	148.4	2.2					
MOX	e PKPbc	Z	12:50:18.2	148.9	10.1					
WERD	e PKPbc	Z	12:50:18.5	149.0	11.5					
MANZ	e PKPbc	Z	12:50:20.0	149.5	11.2					
TNS	e PKPbc	Z	12:50:21.6	149.6	4.4					
ROTZ	e PKPbc	Z	12:50:20.5	149.7	11.5					
GRA1	e PKPbc	Z	12:50:20.4	149.9	9.7					
	e L	Z	13:26:11.9			20.0	397		5.2	
WLF	e PKPbc	Z	12:50:21.9	150.2	0.2					
WET	e PKPbc	Z	12:50:21.6	150.2	13.0					
GEC2	e PKPbc	Z	12:50:21.9	150.3	14.6					
STU	e PKPbc	Z	12:50:23.3	151.0	6.1					
FUR	e PKPbc	Z	12:50:24.0	151.4	10.3					
BFO	e PKPbc	Z	12:50:24.2	151.4	4.5					

Date Origin Time Lat Long Depth mb Ms ML Source
2006/05/07 14:17:39.3 36.444S 78.710E 10.0G 5.6 NEIC
Mid-Indian Ridge

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e SP	Z	14:45:03.9	102.9	131.6					
WET	e SP	Z	14:45:06.2	103.5	131.0					
FUR	e SP	Z	14:45:15.7	103.7	130.1					
	e SP	Z	14:45:38.0							
BRG	e SP	Z	14:45:21.5	104.1	131.4					
ROTZ	e SP	Z	14:45:01.6	104.3	130.4					
MANZ	e SP	Z	14:45:04.5	104.5	130.3					
GRA1	e Sdiff	T	14:43:28.4	104.7	129.8					
	e SP	Z	14:45:06.1							
	e L	Z	15:29:15.1			19.2	1792		5.6	
GRFO	e SP	Z	14:45:06.2	104.7	129.8					
CLL	e SP	Z	14:45:19.2	104.9	130.7					
MOX	e SP	Z	14:45:12.9	105.1	129.9					
STU	e SP	Z	14:45:14.5	105.1	128.7					
RUE	e SP	Z	14:45:02.9	105.3	130.9					
BFO	e SP	Z	14:45:29.7	105.3	128.2					
TNS	e SP	Z	14:45:30.0	106.4	127.9					
CLZ	e SP	Z	14:45:27.5	106.5	128.8					

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RGN	e SP	Z	14:45:19.1	106.8	130.2
WLF	e SP	Z	14:45:41.9	107.3	126.5
BUG	e SP	Z	14:45:44.8	107.8	126.8
BSEG	e SP	Z	14:45:45.8	107.8	128.2
IBBN	e SP	Z	14:45:47.9	108.0	126.9
HLG	e SP	Z	14:45:51.4	109.1	126.5

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/07	15:21:46.2	20.050S	174.320W	33.0G				SZGRF

Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	15:41:22.3	145.9	7.8					
RUE	e PKPbc	Z	15:41:25.2	147.0	14.1					
IBBN	e PKPbc	Z	15:41:27.3	147.7	3.7					
	e PKPab	Z	15:41:29.9							
CLZ	e PKPbc	Z	15:41:28.4	148.0	8.3					
	e PKPab	Z	15:41:31.3							
CLL	e PKPbc	Z	15:41:28.6	148.2	13.1					
	e PKPab	Z	15:41:31.9							
BRG	e PKPbc	Z	15:41:29.5	148.5	15.0					
	e PKPab	Z	15:41:33.0							
BUG	e PKPbc	Z	15:41:29.3	148.6	2.9					
	e PKPab	Z	15:41:33.2							
MOX	e PKPbc	Z	15:41:30.9	149.0	10.9					
	e PKPab	Z	15:41:35.3							
WERD	e PKPbc	Z	15:41:31.2	149.2	12.2					
	e PKPab	Z	15:41:35.5							
MANZ	e PKPbc	Z	15:41:32.8	149.6	12.0					
TNS	e PKPbc	Z	15:41:32.6	149.7	5.2					
	e PKPab	Z	15:41:38.0							
ROTZ	e PKPbc	Z	15:41:33.2	149.8	12.3					
GRA1	e PKPbc	Z	15:41:33.3	150.0	10.5					
	e PKPab	Z	15:41:39.6							
WET	e PKPbc	Z	15:41:34.4	150.3	13.8					
	e PKPab	Z	15:41:40.6							
WLF	e PKPbc	Z	15:41:34.7	150.4	0.9					
GEC2	e PKPbc	Z	15:41:34.5	150.5	15.4					
	e PKPab	Z	15:41:41.2							
FUR	e PKPbc	Z	15:41:36.7	151.5	11.1					
BFO	e PKPbc	Z	15:41:36.9	151.6	5.2					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/07	16:27:49.3	52.718N	158.031E	61.5	5.0			SZGRF

Near east coast of Kamchatka Peninsula, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	16:38:58.2	70.0	20.1	1.0	22	5.2		
RUE	e P	Z	16:39:01.6	70.6	22.0	1.0	29	5.4		
CLL	e P	Z	16:39:08.7	71.9	21.4	0.8	24	5.4		
	e pP	Z	16:39:25.7							
CLZ	e P	Z	16:39:10.1	72.0	19.9	1.3	37	5.3		
IBBN	e P	Z	16:39:10.1	72.1	18.4	0.8	21	5.3		
BRG	e P	Z	16:39:09.9	72.1	21.9	1.2	10	4.8		
MOX	e P	Z	16:39:14.6	72.8	20.5	1.1	11	4.9		
WERD	e P	Z	16:39:15.0	72.9	20.9	1.1	12	4.9		
BUG	e P	Z	16:39:15.5	73.0	18.0	0.8	12	5.1		
MANZ	e P	Z	16:39:17.8	73.3	20.7	1.1	6	4.6		
ROTZ	e P	Z	16:39:19.2	73.5	20.8	1.2	11	4.8		
GRA1	e P	Z	16:39:20.9	73.8	20.2	0.9	20	5.1		
TNS	e P	Z	16:39:20.9	73.9	18.6	0.8	9	4.8		
WET	e P	Z	16:39:21.6	73.9	21.1	1.0	17	5.0		
	e pP	Z	16:39:38.3							
GEC2	e P	Z	16:39:21.6	74.0	21.6	0.7	9	4.9		
STU	e P	Z	16:39:27.9	75.1	18.9	0.6	9	4.9		
FUR	e P	Z	16:39:28.8	75.2	20.1	0.9	10	5.0		
BFO	e P	Z	16:39:31.3	75.7	18.4	0.9	6	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/07	18:47:13.1	20.938S	174.115W	33.0N				SZGRF

Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	19:06:51.8	146.8	7.6					
IBBN	e PKPbc	Z	19:06:57.0	148.6	3.4					
CLZ	e PKPbc	Z	19:06:57.5	148.9	8.1					
CLL	e PKPbc	Z	19:06:57.2	149.1	13.0					
BRG	e PKPbc	Z	19:06:58.6	149.4	14.9					
MOX	e PKPbc	Z	19:06:59.9	150.0	10.7					
WERD	e PKPbc	Z	19:07:00.5	150.1	12.1					
MANZ	e PKPbc	Z	19:07:01.7	150.5	11.9					
ROTZ	e PKPbc	Z	19:07:02.0	150.7	12.1					
GRA1	e PKPbc	Z	19:07:02.4	150.9	10.3					
GEC2	e PKPbc	Z	19:07:03.4	151.4	15.4					
BFO	e PKPbc	Z	19:07:05.9	152.5	5.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/07	22:06:27.2	19.366S	173.021W	35.6				SZGRF

Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	22:26:01.4	145.3	5.5					
RUE	e PKPbc	Z	22:26:04.3	146.5	11.7					
IBBN	e PKPbc	Z	22:26:06.4	147.1	1.4					
CLZ	e PKPbc	Z	22:26:07.4	147.4	6.0					
CLL	e PKPbc	Z	22:26:07.7	147.7	10.7					
BUG	e PKPbc	Z	22:26:08.5	147.9	0.5					
BRG	e PKPbc	Z	22:26:08.8	148.0	12.5					
MOX	e PKPbc	Z	22:26:10.1	148.5	8.4					
WERD	e PKPbc	Z	22:26:10.4	148.6	9.7					
	e pPKPbc	Z	22:26:21.2							
MANZ	e PKPbc	Z	22:26:11.9	149.1	9.5					
TNS	e PKPbc	Z	22:26:11.7	149.1	2.7					
ROTZ	e PKPbc	Z	22:26:12.3	149.3	9.7					
GRA1	e PKPbc	Z	22:26:12.8	149.5	7.9					
	e pPKPbc	Z	22:26:23.4							
WLF	e PKPbc	Z	22:26:13.7	149.7	358.5					
WET	e PKPbc	Z	22:26:13.4	149.8	11.1					
GEC2	e PKPbc	Z	22:26:13.7	150.0	12.8					
BFO	e PKPbc	Z	22:26:16.0	151.0	2.6					

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/08 01:43:46.8 3.520N 96.930E 21.3 5.0
 Northern Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	01:56:08.3	82.8	93.2	1.4	16	5.1		
GEC2	e P	Z	01:56:08.7	82.9	92.8	1.3	20	5.2		
RUE	e P	Z	01:56:09.1	83.0	93.3	1.1	46	5.6		
WET	e P	Z	01:56:11.4	83.4	92.2	1.2	7	4.8		
CLL	e P	Z	01:56:11.0	83.5	92.5	1.2	7	4.8		
WERD	e P	Z	01:56:13.4	83.9	91.9	1.3	8	4.8		
ROTZ	e P	Z	01:56:14.2	83.9	91.8	1.5	17	5.0		
MANZ	e P	Z	01:56:14.7	84.0	91.7	1.2	12	5.0		
MOX	e P	Z	01:56:15.7	84.3	91.4	1.6	16	5.0		
GRA1	e P	Z	01:56:17.3	84.5	91.0	0.8	9	5.0		
	e pP	Z	01:56:23.5							
CLZ	e P	Z	01:56:19.8	85.1	90.5	1.0	12	5.1		
BSEG	e P	Z	01:56:20.1	85.2	90.7	1.1	16	5.2		
STU	e P	Z	01:56:23.2	85.9	89.4	0.7	8	5.0		
TNS	e P	Z	01:56:26.0	86.3	88.9	1.0	7	4.7		
BFO	e P	Z	01:56:25.7	86.4	88.7	1.1	7	4.7		
IBBN	e P	Z	01:56:27.9	86.7	88.5	1.0	21	5.2		
BUG	e P	Z	01:56:29.4	87.0	88.1	1.7	46	5.3		
WLF	e P	Z	01:56:33.6	87.8	87.1	1.4	23	5.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/08	04:54:51.5	35.160N	35.343W	33.0N	4.2	3.9		SZGRF

Northern Mid-Atlantic Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e P	Z 05:01:51.9	36.3	261.0					
GRA1	e P	Z 05:01:54.9	36.6	264.6	0.8	7	4.5		
	e L	Z 05:15:22.3			18.6	206		3.9	
MOX	e P	Z 05:01:57.3	37.0	263.7	0.9	4	4.2		
MANZ	e P	Z 05:01:59.7	37.2	265.0	0.6	3	4.2		
WERD	e P	Z 05:02:01.3	37.4	264.5	0.9	3	4.0		
WERN	e P	Z 05:02:00.7	37.4	264.8	0.8	4	4.2		
TANN	e P	Z 05:02:01.4	37.5	264.7	1.0	3	4.0		
WET	e P	Z 05:02:03.3	37.6	266.7	1.0	4	4.1		
CLL	e P	Z 05:02:05.5	37.9	264.0					
FBE	e P	Z 05:02:07.3	38.1	264.8	0.7	7	4.5		
BRG	e P	Z 05:02:10.3	38.4	265.4	0.6	3	4.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/08	07:34:52.5	37.615N	20.806E	10.0G				THE

Ionian Sea

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 07:38:03.8	12.4	152.7	0.8	3			
WET	e P	Z 07:38:08.2	12.9	150.6	0.8	3			
ROTZ	e P	Z 07:38:16.3	13.6	149.8	0.9	4			
MANZ	e P	Z 07:38:18.8	13.9	150.0	3.3	98			
GRA3	e P	Z 07:38:20.2	13.9	147.1					
BFO	e P	Z 07:38:12.7	14.0	135.1	1.4	6			
TANN	e P	Z 07:38:22.4	14.1	151.9					
BRG	e P	Z 07:38:21.3	14.1	157.2	0.8	2			
WERD	e P	Z 07:38:22.5	14.2	151.5	1.4	10			
MOX	e P	Z 07:38:27.4	14.6	149.8	0.7	5			
CLL	e P	Z 07:38:29.0	14.8	155.0	1.1	9			
UBBA	e P	Z 07:38:34.3	15.3	145.7	1.1	6			
TNS	e P	Z 07:38:33.6	15.4	140.3	1.1	6			
CLZ	e P	Z 07:38:42.9	16.0	148.6	1.0	9			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/08	09:16:55.3	5.020S	102.620E	36.0	6.1	5.6		SZGRF

Southern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 09:30:05.9	93.1	94.2	1.9	192	6.2		

GEC2	e P	Z	09:30:05.9	93.1	94.1	1.9	225	6.3		
RUE	e P	Z	09:30:06.7	93.3	94.0	1.5	194	6.3		
WET	e P	Z	09:30:08.4	93.6	93.5	2.2	215	6.1		
CLL	e P	Z	09:30:07.7	93.7	93.4	2.2	83	5.8		
	e pP	Z	09:30:20.6							
	e PP	Z	09:33:53.3							
	e pPP	Z	09:34:03.5							
	e PPP	Z	09:35:53.0							
	e SKSac	E	09:40:37.0							
	e sSKSac	E	09:40:56.1							
	e S	N	09:41:11.2							
	e sS	N	09:41:32.9							
	e PS	E	09:42:35.9							
	e SS	Z	09:47:28.4							
	e SSS	N	09:51:16.1							
	e SSSS	E	09:54:23.2							
	e LR	Z	10:03:43.7							
	e L	Z	10:19:35.0			22.0	2231		5.6	
WERD	e P	Z	09:30:10.3	94.1	93.0	2.1	130	5.9		
ROTZ	e P	Z	09:30:11.0	94.1	92.9	2.1	157	6.0		
MANZ	e P	Z	09:30:11.5	94.2	92.8	2.0	210	6.1		
MOX	e P	Z	09:30:12.3	94.5	92.4	1.9	108	5.9		
FUR	e P	Z	09:30:12.4	94.6	92.4					
GRA1	e P	Z	09:30:13.7	94.7	92.2	1.9	198	6.2		
	e pP	Z	09:30:24.3							
	e PP	Z	09:34:01.5							
	e S	T	09:41:20.0							
	e L	Z	10:20:38.8			22.0	2455		5.6	
CLZ	e P	Z	09:30:16.1	95.3	91.3	1.6	56	5.8		
BSEG	e P	Z	09:30:16.3	95.4	91.1	2.0	130	6.0		
UBBA	e P	Z	09:30:16.8	95.5	91.2	2.2	91	5.9		
STU	e P	Z	09:30:19.0	96.0	90.7	2.1	158	6.2		
TNS	e P	Z	09:30:21.5	96.5	90.0	1.8	89	6.0		
BFO	e P	Z	09:30:21.3	96.6	90.1	2.1	83	6.0		
IBBN	e P	Z	09:30:23.2	96.9	89.2	1.8	106	6.2		
BUG	e P	Z	09:30:24.6	97.3	89.0	2.5	174	6.2		
WLF	e P	Z	09:30:28.4	98.0	88.3	1.4	49	6.0		

Date 2006/05/08 Origin Time 13:43:22.5 Lat 19.740N Long 120.176E Depth 33.0N mb 4.9 Ms 4.6 ML Source SZGRF
 Philippine Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	13:55:52.6	84.5	65.2	0.9	12	5.1		
CLL	e P	Z	13:55:53.9	84.8	64.5	1.2	14	5.1		
BSEG	e P	Z	13:55:56.2	85.1	62.7	1.1	12	5.1		
GEC2	e P	Z	13:55:58.2	85.5	64.9	0.9	5	4.6		

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ROTZ	e P	Z	13:55:59.9	86.0	63.8	0.9	4	4.5			
GRA1	e P	Z	13:56:02.8	86.6	63.1						
	e L	Z	14:40:32.8			18.3	212		4.6		
TNS	e P	Z	13:56:09.2	87.9	61.0	1.0	6	4.8			
WLF	e P	Z	13:56:17.0	89.5	59.3	0.9	14	5.2			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source			
2006/05/08											

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z 16:46:24.5							
	e Sn	E 16:48:11.9							
WET	e Pn	Z 16:46:31.6							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source			
2006/05/08	16:57:18.4	19.920S	175.990W	33.0N				SZGRF			
Tonga Islands											

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 17:16:53.3	145.6	10.5					
CLZ	e PKPbc	Z 17:16:59.5	147.7	11.2					
CLL	e PKPbc	Z 17:16:59.9	147.8	16.0					
BRG	e PKPbc	Z 17:17:00.6	148.1	17.9					
FBE	e PKPbc	Z 17:17:01.0	148.1	16.8					
MOX	e PKPbc	Z 17:17:01.8	148.7	13.9					
WERD	e PKPbc	Z 17:17:02.1	148.8	15.2					
TANN	e PKPbc	Z 17:17:02.4	148.8	15.5					
WERN	e PKPbc	Z 17:17:03.3	148.9	15.4					
MANZ	e PKPbc	Z 17:17:03.8	149.3	15.0					
ROTZ	e PKPbc	Z 17:17:04.3	149.4	15.3					
TNS	e PKPbc	Z 17:17:04.5	149.5	8.2					
GRA1	e PKPbc	Z 17:17:04.8	149.7	13.5					
GEC2	e PKPbc	Z 17:17:05.4	150.0	18.5					
WLF	e PKPbc	Z 17:17:06.1	150.2	4.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source			
2006/05/09											

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 00:49:52.4							

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Date Origin Time Lat Long Depth mb Ms ML Source
2006/05/09

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
GRA1 e PKP Z 01:29:27.3

Date Origin Time Lat Long Depth mb Ms ML Source
2006/05/09 01:57:12.2 5.725S 125.306E 573.0G NEIC
Banda Sea

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
BRG e PKiKP Z 02:14:35.1 107.8 76.7
CLL e PKiKP Z 02:14:35.6 108.3 75.8
GEC2 e PKiKP Z 02:14:35.9 108.4 77.2
WET e PKiKP Z 02:14:37.1 108.9 76.4
WERD e PKiKP Z 02:14:37.0 108.9 75.5
CLZ e PKiKP Z 02:14:38.8 109.7 73.4
GRA1 e PKiKP Z 02:14:38.9 109.8 74.9
FUR e PKiKP Z 02:14:39.3 110.2 75.5
STU e PKiKP Z 02:14:41.7 111.3 73.6
TNS e PKiKP Z 02:14:41.7 111.4 72.4
BFO e PKiKP Z 02:14:42.3 112.0 73.0

Date Origin Time Lat Long Depth mb Ms ML Source
2006/05/09 03:25:28.0 1.589N 96.788E 33.0N 4.6 SZGRF
Off west coast of northern Sumatra, Indonesia

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
GRA1 e P Z 03:38:05.0 85.9 92.4 1.5 7 4.6

Date Origin Time Lat Long Depth mb Ms ML Source
2006/05/09 05:18:54.3 20.700S 168.823E 33.0N SZGRF
Loyalty Islands

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
WERD e PKPbc Z 05:38:26.0 145.0 40.5
MOX e PKPbc Z 05:38:26.4 145.1 39.3
IBBN e PKPbc Z 05:38:26.9 145.2 32.1
ROTZ e PKPbc Z 05:38:28.6 145.5 41.0
GEC2 e PKPbc Z 05:38:27.8 145.6 44.1
UBBA e PKPbc Z 05:38:28.3 145.6 36.7
WET e PKPbc Z 05:38:28.2 145.7 42.6
GRA1 e PKPbc Z 05:38:30.2 146.0 39.6

BUG	e	PKPbc	Z	05:38:29.6	146.1	32.0
TNS	e	PKPbc	Z	05:38:31.4	146.7	34.9
WLF	e	PKPbc	Z	05:38:36.3	147.9	31.7
BFO	e	PKPbc	Z	05:38:35.5	148.2	36.4

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/09	10:15:48.0	70.680N	2.780W	10.0G	4.5			SZGRF

Jan Mayen Island region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e P	Z 10:20:18.3	19.8	347.1	1.1	30	4.5		
BUG	e P	Z 10:20:18.0	19.8	350.2	1.4	56	4.6		
CLL	e P	Z 10:20:27.9	20.7	345.2	0.8	18	4.5		
UBBA	e P	Z 10:20:28.7	20.7	348.1	1.8	55	4.6		
MOX	e P	Z 10:20:32.8	21.1	346.8	1.0	40	4.7		
TNS	e P	Z 10:20:32.2	21.1	349.7	1.1	18	4.3		
BRG	e P	Z 10:20:32.8	21.2	344.8	1.0	22	4.4		
WERD	e P	Z 10:20:35.7	21.4	346.4	1.0	40	4.7		
GRA1	e P	Z 10:20:42.4	22.0	347.7	1.0	28	4.6		
ROTZ	e P	Z 10:20:42.9	22.1	346.8	1.0	16	4.4		
WET	e P	Z 10:20:49.2	22.8	346.7	1.8	32	4.5		
BFO	e P	Z 10:20:51.2	23.0	350.6	1.1	23	4.6		
GEC2	e P	Z 10:20:54.8	23.2	346.2	1.1	28	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/09	10:27:58.5	19.414S	173.394W	48.9		5.8		SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 10:47:29.9	145.4	6.2					
RUE	e PKPbc	Z 10:47:33.0	146.5	12.3					
IBBN	e PKPbc	Z 10:47:35.1	147.1	2.0					
CLZ	e PKPbc	Z 10:47:36.2	147.4	6.6					
CLL	e PKPbc	Z 10:47:36.4	147.7	11.3					
BUG	e PKPbc	Z 10:47:37.3	148.0	1.2					
BRG	e PKPbc	Z 10:47:37.5	148.0	13.1					
MOX	e PKPbc	Z 10:47:38.9	148.5	9.1					
WERD	e PKPbc	Z 10:47:39.3	148.6	10.4					
TNS	e PKPbc	Z 10:47:40.7	149.2	3.4					
ROTZ	e PKPbc	Z 10:47:41.1	149.3	10.4					
GRA1	e PKPbc	Z 10:47:41.8	149.5	8.6					
	e pPKPbc	Z 10:47:56.5							
	e L	Z 11:47:18.3			21.7	1880		5.8	
WLF	e PKPbc	Z 10:47:42.6	149.7	359.2					
WET	e PKPbc	Z 10:47:42.3	149.8	11.8					

GEC2	e	PKPbc	Z	10:47:42.5	150.0	13.5
STU	e	PKPbc	Z	10:47:43.9	150.6	5.0
FUR	e	PKPbc	Z	10:47:44.7	151.0	9.1
BFO	e	PKPbc	Z	10:47:45.0	151.1	3.4

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/09	11:02:17.0	60.120N	165.710E	8.9	5.9	5.3		SZGRF

Eastern Siberia, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e P	Z 11:12:48.4	63.2	15.0	1.1	213	6.2		
BSEG	e P	Z 11:12:55.1	64.3	13.3	1.9	172	6.0		
RUE	e P	Z 11:13:00.7	65.2	15.0	1.8	219	6.1		
IBBN	e P	Z 11:13:07.5	66.2	11.8	1.2	143	6.1		
CLZ	e P	Z 11:13:08.4	66.3	13.1	1.4	140	6.0		
CLL	e P	Z 11:13:08.7	66.4	14.4	1.3	88	5.8		
	e PcP	Z 11:13:39.2							
	e PP	Z 11:15:41.6							
	e S	E 11:22:00.1							
	e ScS	N 11:23:09.5							
	e SS	N 11:26:24.4							
	e SSS	E 11:29:23.1							
	e LR	Z 11:33:31.3							
	e L	Z 11:41:50.8			22.0	2143		5.3	
BRG	e P	Z 11:13:10.2	66.7	14.9	1.7	92	5.7		
BUG	e P	Z 11:13:13.0	67.1	11.5	1.4	129	6.0		
MOX	e P	Z 11:13:14.2	67.3	13.6	1.7	134	5.9		
UBBA	e P	Z 11:13:14.7	67.3	12.8	1.6	80	5.7		
WERD	e P	Z 11:13:15.0	67.4	14.0	1.4	83	5.8		
ROTZ	e P	Z 11:13:19.5	68.0	13.9	1.6	97	5.8		
TNS	e P	Z 11:13:19.8	68.1	12.0	1.5	71	5.7		
GRA1	e P	Z 11:13:21.0	68.3	13.4	1.8	234	6.1		
	e pP	Z 11:13:23.5							
	e S	T 11:22:24.1							
	e L	Z 11:47:18.3			21.7	1880		5.3	
WET	e P	Z 11:13:22.7	68.5	14.1	1.5	103	5.8		
GEC2	e P	Z 11:13:23.4	68.7	14.5	1.8	103	5.8		
WLF	e P	Z 11:13:25.1	69.0	10.7	1.6	103	5.8		
STU	e P	Z 11:13:27.7	69.5	12.2					
FUR	e P	Z 11:13:29.8	69.7	13.2	1.5	139	5.9		
BFO	e P	Z 11:13:31.0	70.0	11.8	1.6	78	5.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/10	00:44:37.1	39.807N	19.651E	10.0G		3.7		SZGRF

Greece-Albania border region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z	00:46:58.6	10.0	152.7					
FUR	e Pn	Z	00:47:04.6	10.3	141.2					
WET	e Pn	Z	00:47:05.7	10.5	150.2					
ROTZ	e Pn	Z	00:47:16.1	11.3	149.4					
MANZ	e Pn	Z	00:47:19.2	11.5	149.6					
GRA1	e Pn	Z	00:47:20.0	11.5	145.7					
	e L	Z	00:52:56.8			14.4	638		3.7	
STU	e Pn	Z	00:47:21.7	11.7	136.4					
BFO	e Pn	Z	00:47:23.7	11.8	132.3					
BRG	e Pn	Z	00:47:24.2	11.8	158.0					
MOX	e Pn	Z	00:47:28.7	12.2	149.5					
TNS	e Pn	Z	00:47:41.8	13.1	138.6					
CLZ	e Pn	Z	00:47:48.1	13.6	148.3					
WLF	e Pn	Z	00:47:48.4	13.7	130.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/10	02:16:26.5	21.909S	173.882W	19.8				SZGRF
Tonga Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	02:36:08.6	147.8	7.3					
RUE	e PKPbc	Z	02:36:11.3	148.9	13.8					
IBBN	e PKPbc	Z	02:36:13.9	149.6	3.0					
CLZ	e PKPbc	Z	02:36:14.4	149.9	7.9					
CLL	e PKPbc	Z	02:36:14.6	150.1	12.9					
BRG	e PKPbc	Z	02:36:15.6	150.4	14.8					
BUG	e PKPbc	Z	02:36:15.5	150.5	2.2					
MOX	e PKPbc	Z	02:36:16.7	150.9	10.5					
WERD	e PKPbc	Z	02:36:17.1	151.1	11.9					
MANZ	e PKPbc	Z	02:36:18.5	151.5	11.7					
TNS	e PKPbc	Z	02:36:18.4	151.6	4.6					
ROTZ	e PKPbc	Z	02:36:18.9	151.7	12.0					
GRA1	e PKPbc	Z	02:36:18.2	151.9	10.1					
	e pPKPbc	Z	02:36:24.2							
WET	e PKPbc	Z	02:36:19.2	152.2	13.6					
WLF	e PKPbc	Z	02:36:20.3	152.2	0.1					
GEC2	e PKPbc	Z	02:36:20.2	152.4	15.3					
STU	e PKPbc	Z	02:36:21.3	153.0	6.3					
FUR	e PKPbc	Z	02:36:22.3	153.4	10.7					
BFO	e PKPbc	Z	02:36:22.6	153.5	4.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/10	02:42:52.4	52.530N	169.330W	33.0G	6.2	6.1		SZGRF

Fox Islands, Aleutian Islands, United States

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e P	Z 02:54:21.0	72.9	1.7	0.9	338	6.5		
HLG	e P	Z 02:54:23.0	73.3	358.2	1.2	659	6.6		
BSEG	e P	Z 02:54:24.6	73.5	359.8	1.0	201	6.2		
RUE	e P	Z 02:54:32.8	75.0	2.0	1.1	327	6.3		
IBBN	e P	Z 02:54:33.8	75.1	358.2	1.0	323	6.3		
CLZ	e P	Z 02:54:36.9	75.6	359.8	1.4	412	6.4		
BUG	e P	Z 02:54:38.5	76.0	357.9	1.4	397	6.4		
CLL	e P	Z 02:54:39.1	76.1	1.5	0.9	133	6.1		
BRG	e P	Z 02:54:41.7	76.6	2.0	1.0	191	6.2		
MOX	e P	Z 02:54:43.4	76.8	0.6	0.9	160	6.1		
WERD	e P	Z 02:54:44.5	77.0	1.0	1.5	154	5.9		
TNS	e P	Z 02:54:45.7	77.2	358.6	0.9	110	6.0		
MANZ	e P	Z 02:54:47.3	77.5	0.9	1.6	152	5.9		
ROTZ	e P	Z 02:54:48.7	77.7	1.0	1.5	280	6.2		
WLF	e P	Z 02:54:48.8	77.7	357.2	1.0	125	6.0		
GRA1	e P	Z 02:54:49.2	77.8	0.3	1.1	350	6.4		
	e	02:54:52.0							
	e S	T 03:04:42.1							
	e SS	R 03:10:00.5							
	e L	Z 03:36:09.5			22.0	10625		6.1	
GRFO	e P	Z 02:54:49.3	77.8	0.3	1.6	532	6.4		
WET	e P	Z 02:54:52.0	78.3	1.4	1.4	208	6.1		
GEC2	e P	Z 02:54:53.4	78.6	1.9	1.1	165	6.1		
STU	e P	Z 02:54:53.8	78.7	359.1	1.1	217	6.1		
BFO	e P	Z 02:54:56.1	79.1	358.6	1.2	213	6.0		
FUR	e P	Z 02:54:57.5	79.3	0.4	1.2	276	6.2		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/10

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 03:32:08.2							

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/10 05:07:33.3 53.700N 169.170W 33.0N 5.4 SZGRF
 Fox Islands, Aleutian Islands, United States

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 05:18:58.7	72.4	359.7	1.2	53	5.5		
RUE	e P	Z 05:19:06.9	73.8	1.8	1.0	62	5.6		
IBBN	e P	Z 05:19:07.9	74.0	358.1	1.2	78	5.6		
CLZ	e P	Z 05:19:11.1	74.5	359.7	1.3	56	5.4		

BUG	e P	Z	05:19:12.5	74.8	357.8	0.8	28	5.3
CLL	e P	Z	05:19:13.2	75.0	1.3	1.1	26	5.2
BRG	e P	Z	05:19:15.9	75.4	1.9	1.2	33	5.3
MOX	e P	Z	05:19:17.5	75.7	0.5	1.2	39	5.4
WERD	e P	Z	05:19:18.7	75.8	0.9	1.1	13	5.0
TNS	e P	Z	05:19:19.8	76.1	358.5	1.4	32	5.3
MANZ	e P	Z	05:19:21.5	76.3	0.8	1.4	20	5.1
ROTZ	e P	Z	05:19:23.0	76.5	0.8	1.5	39	5.3
WLF	e P	Z	05:19:22.9	76.6	357.2	1.1	32	5.3
GRA1	e P	Z	05:19:23.4	76.6	0.2	1.6	134	5.8
WET	e P	Z	05:19:26.2	77.1	1.2	1.2	24	5.2
GEC2	e P	Z	05:19:27.6	77.4	1.7	1.4	34	5.3
STU	e P	Z	05:19:28.0	77.5	359.0	1.6	67	5.5
BFO	e P	Z	05:19:30.3	77.9	358.5	1.3	30	5.3
FUR	e P	Z	05:19:31.7	78.1	0.3	1.0	52	5.5

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/10	07:01:42.8	40.470N	23.447E	3.0G				THE
Greece								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z 07:04:19.6	10.9	136.9					
WET	e Pn	Z 07:04:28.2	11.4	135.3					
ROTZ	e Pn	Z 07:04:37.8	12.2	135.4					
MANZ	e Pn	Z 07:04:40.7	12.4	135.8					
FBE	e Pn	Z 07:04:42.7	12.6	142.3					
WERD	e Pn	Z 07:04:44.6	12.6	137.8					
MOX	e Pn	Z 07:04:49.1	13.1	136.5					
BFO	e Pn	Z 07:04:50.4	13.3	120.5					
TNS	e Pn	Z 07:05:05.2	14.3	127.2					
CLZ	e Pn	Z 07:05:15.0	14.5	136.5					
BSEG	e Pn	Z 07:05:34.1	16.1	141.4					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/10	11:33:40.1	22.440S	173.840W	37.5				SZGRF
Tonga Islands region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 11:53:22.3	148.3	7.3					
CLZ	e PKPbc	Z 11:53:27.7	150.4	7.9					
CLL	e PKPbc	Z 11:53:28.5	150.6	13.0					
NEUB	e PKPbc	Z 11:53:29.2	150.9	10.7					
BRG	e PKPbc	Z 11:53:29.2	150.9	14.9					
FBE	e PKPbc	Z 11:53:29.2	151.0	13.8					
MOX	e PKPbc	Z 11:53:30.1	151.5	10.6					

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WERD	e	PKPbc	Z	11:53:30.3	151.6	12.0
TANN	e	PKPbc	Z	11:53:30.4	151.6	12.3
WERN	e	PKPbc	Z	11:53:31.0	151.7	12.2
MANZ	e	PKPbc	Z	11:53:31.5	152.1	11.8
ROTZ	e	PKPbc	Z	11:53:32.3	152.3	12.1
GRA1	e	PKPbc	Z	11:53:33.2	152.5	10.2
	e	pPKPbc	Z	11:53:44.5		
GEC2	e	PKPbc	Z	11:53:33.6	152.9	15.5

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/10	16:47:31.7	44.080N	140.210E	33.0G	5.4			SZGRF
Eastern Sea of Japan								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e P	Z	16:58:52.1	71.5	37.3	1.0	79	5.8		
RUE	e P	Z	16:59:00.9	73.0	37.2	1.4	94	5.7		
BSEG	e P	Z	16:59:01.1	73.1	35.2	0.9	46	5.6		
BRG	e P	Z	16:59:07.8	74.2	37.0	1.0	18	5.1		
CLL	e P	Z	16:59:07.5	74.3	36.5	0.7	47	5.7		
CLZ	e P	Z	16:59:11.3	74.8	34.9	0.7	38	5.6		
GTTN	e P	Z	16:59:12.9	75.2	34.6	0.6	20	5.3		
WERD	e P	Z	16:59:13.2	75.2	35.9	1.4	18	5.0		
IBBN	e P	Z	16:59:13.4	75.3	33.2	0.7	30	5.5		
MOX	e P	Z	16:59:13.7	75.3	35.5	1.4	27	5.2		
MANZ	e P	Z	16:59:16.0	75.7	35.7	1.4	23	5.1		
UBBA	e P	Z	16:59:16.1	75.7	34.5	0.8	11	5.0		
ROTZ	e P	Z	16:59:16.3	75.8	35.7	0.9	17	5.2		
GEC2	e P	Z	16:59:17.4	76.0	36.5	1.0	12	5.0		
WET	e P	Z	16:59:18.3	76.0	36.1	1.1	31	5.4		
BUG	e P	Z	16:59:18.9	76.2	32.8	0.7	29	5.5		
GRA1	e P	Z	16:59:19.4	76.2	35.1	0.8	45	5.7		
TNS	e P	Z	16:59:22.3	76.8	33.4	0.8	14	5.2		
FUR	e P	Z	16:59:26.5	77.5	34.9	1.2	68	5.6		
STU	e P	Z	16:59:27.8	77.7	33.7	0.9	36	5.5		
WLF	e P	Z	16:59:29.9	78.1	31.8	1.2	16	5.0		
BFO	e P	Z	16:59:30.9	78.4	33.1	1.2	29	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/10	18:42: 1.2	22.650S	176.150W	111.8				SZGRF
South of Fiji Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPdf	Z	19:01:30.4	148.3	11.4				
	e	PKPbc	Z	19:01:34.5						
	e	pPKPbc	Z	19:02:04.2						

RUE	e PKPdf	Z	19:01:33.1	149.2	18.1
	e PKPbc	Z	19:01:36.6		
	e pPKPbc	Z	19:02:06.6		
IBBN	e PKPbc	Z	19:01:39.5	150.2	7.3
CLZ	e PKPdf	Z	19:01:34.9	150.4	12.2
	e PKPbc	Z	19:01:39.8		
	e pPKPbc	Z	19:02:09.7		
CLL	e PKPdf	Z	19:01:34.7	150.5	17.3
	e PKPbc	Z	19:01:39.4		
	e PKPab	Z	19:01:45.8		
	e pPKPbc	Z	19:02:09.8		
BRG	e PKPdf	Z	19:01:35.2	150.7	19.3
	e PKPbc	Z	19:01:40.3		
	e PKPab	Z	19:01:47.4		
	e pPKPbc	Z	19:02:10.5		
GTTN	e PKPdf	Z	19:01:35.2	150.7	11.6
	e PKPbc	Z	19:01:40.5		
	e PKPab	Z	19:01:47.1		
	e pPKPbc	Z	19:02:10.4		
BUG	e PKPbc	Z	19:01:41.2	151.1	6.5
	e pPKPbc	Z	19:02:12.1		
MOX	e PKPdf	Z	19:01:35.8	151.4	15.1
	e PKPbc	Z	19:01:41.9		
	e PKPab	Z	19:01:49.9		
	e pPKPbc	Z	19:02:12.0		
UBBA	e PKPdf	Z	19:01:36.3	151.4	11.9
	e PKPbc	Z	19:01:41.8		
	e PKPab	Z	19:01:50.7		
	e pPKPbc	Z	19:02:12.0		
WERD	e PKPdf	Z	19:01:35.8	151.4	16.5
	e PKPbc	Z	19:01:41.9		
	e PKPab	Z	19:01:50.1		
MANZ	e PKPdf	Z	19:01:37.1	151.9	16.3
	e PKPbc	Z	19:01:43.4		
ROTZ	e PKPdf	Z	19:01:37.1	152.1	16.7
	e PKPbc	Z	19:01:43.8		
	e PKPab	Z	19:01:53.2		
	e pPKPbc	Z	19:02:13.8		
TNS	e PKPdf	Z	19:01:37.3	152.2	9.1
	e PKPbc	Z	19:01:43.8		
	e PKPab	Z	19:01:53.5		
GRA1	e PKPbc	Z	19:01:44.2	152.3	14.8
	e PKPab	Z	19:01:54.4		
WET	e PKPdf	Z	19:01:37.6	152.6	18.3
	e PKPbc	Z	19:01:45.0		
	e PKPab	Z	19:01:55.3		
GEC2	e PKPdf	Z	19:01:37.7	152.7	20.1
	e PKPbc	Z	19:01:44.9		
	e PKPab	Z	19:01:55.5		

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	e pPKPbc	Z	19:02:15.9		
WLF	e PKPbc	Z	19:01:46.0	152.9	4.7
	e PKPab	Z	19:01:57.2		
	e pPKPbc	Z	19:02:16.4		
STU	e PKPbc	Z	19:01:46.8	153.5	11.1
FUR	e PKPbc	Z	19:01:47.2	153.8	15.7
	e PKPab	Z	19:02:00.1		
BFO	e PKPbc	Z	19:01:47.7	154.1	9.5
	e PKPab	Z	19:02:00.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/10	21:33:3.2	39.927N	20.044E	10.0G		3.3		SZGRF
Greece-Albania border region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
OBKA	e Pn	Z	21:34:53.7	7.7	146.8					
	e Sn	E	21:36:19.0							
KBA	e Pn	Z	21:35:06.9	8.6	143.4					
MOA	e Pn	Z	21:35:11.9	8.9	150.2					
WTTA	e Pn	Z	21:35:19.6	9.5	137.3					
	e Sn	E	21:37:01.2							
GEC2	e Pn	Z	21:35:24.9	10.0	150.8					
DAVA	e Pn	Z	21:35:31.8	10.4	131.4					
	e Sn	N	21:37:22.1							
WET	e Pn	Z	21:35:32.1	10.5	148.4					
GRFO	e L	Z	21:41:26.3	11.6	144.1	14.7	278		3.3	
BFO	e Pn	Z	21:35:50.3	11.9	130.8					
MOX	e Pn	Z	21:35:55.3	12.2	148.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/10	23:01:49.7	51.828N	169.637W	33.0N	4.5			SZGRF
Fox Islands, Aleutian Islands, United States								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	23:13:47.8	78.5	0.5	0.9	4	4.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/11	09:23:35.7	36.840N	70.400E	33.0N	4.7			SZGRF
Hindu Kush, Afghanistan, region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	09:31:24.3	41.9	87.0	1.0	11	4.5		
RGN	e P	Z	09:31:27.5	42.2	90.6	0.4	70	5.7		

GEC2	e P	Z	09:31:26.7	42.2	84.6	1.9	14	4.4
CLL	e P	Z	09:31:28.2	42.5	86.8	0.7	6	4.4
WET	e P	Z	09:31:30.1	42.7	84.3	1.1	4	4.1
WERD	e P	Z	09:31:33.0	43.0	85.3	1.1	5	4.2
ROTZ	e P	Z	09:31:34.6	43.1	84.5	1.6	21	4.6
MANZ	e P	Z	09:31:34.6	43.1	84.7	1.1	8	4.3
MOX	e P	Z	09:31:36.2	43.4	85.0	1.0	7	4.4
GRA1	e P	Z	09:31:40.2	43.7	83.8	1.0	11	4.5
BSEG	e P	Z	09:31:41.0	44.0	87.5	0.9	14	4.7
CLZ	e P	Z	09:31:41.6	44.1	85.4	1.0	11	4.5
GTTN	e P	Z	09:31:44.0	44.3	84.8	0.7	12	4.7
UBBA	e P	Z	09:31:44.9	44.4	84.1	1.5	13	4.6
TNS	e P	Z	09:31:52.8	45.4	82.4	1.2	9	4.7
IBBN	e P	Z	09:31:54.0	45.6	83.9	0.6	19	5.3
BFO	e P	Z	09:31:56.4	45.8	80.5	1.1	9	4.7
BUG	e P	Z	09:31:57.0	46.0	82.7	0.6	10	5.1
WLF	e P	Z	09:32:04.9	47.0	80.3	1.1	16	5.1

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/11 16:09:45.5 43.150N 145.820E 48.6 5.3 4.7
 Hokkaido, Japan, region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e P	Z	16:21:19.6	74.3	34.0	1.0	69	5.6		
BSEG	e P	Z	16:21:27.9	75.7	31.8	0.9	50	5.6		
RUE	e P	Z	16:21:28.3	75.8	34.0					
HLG	e P	Z	16:21:30.9	76.3	30.2	1.0	82	5.8		
CLL	i P	+ Z	16:21:34.9	77.1	33.3	1.0	57	5.7		
	e pP	Z	16:21:48.6							
	e sP	Z	16:21:55.7							
	e S	N	16:31:21.3							
	e PS	N	16:32:07.6							
	e LR	Z	16:47:00.9							
	e L	Z	17:00:37.9			22.0	435		4.7	
BRG	e P	Z	16:21:35.2	77.1	33.9	0.9	15	5.1		
CLZ	e P	Z	16:21:38.0	77.5	31.6	0.9	36	5.5		
GTTN	e P	Z	16:21:39.8	77.9	31.3	0.8	24	5.4		
IBBN	e P	Z	16:21:39.8	77.9	29.9	0.9	36	5.5		
WERD	e P	Z	16:21:40.6	78.0	32.7	0.9	12	5.0		
	e pP	Z	16:21:54.6							
MOX	e P	Z	16:21:40.9	78.1	32.3	0.9	15	5.1		
MANZ	e P	Z	16:21:43.3	78.5	32.6	0.9	12	4.9		
ROTZ	e P	Z	16:21:44.4	78.6	32.6	1.0	16	5.0		
	e pP	Z	16:21:58.1							
	e sP	Z	16:22:04.1							
BUG	e P	Z	16:21:44.7	78.8	29.5	1.1	30	5.2		
GEC2	e P	Z	16:21:45.2	78.9	33.5	0.9	12	4.9		

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WET	e P	Z	16:21:45.9	78.9	33.0	1.0	30	5.3
GRA1	e P	Z	16:21:46.3	79.0	31.9	0.8	25	5.3
	e pP	Z	16:22:00.6					
TNS	e P	Z	16:21:48.7	79.5	30.2	0.8	16	5.0
FUR	e P	Z	16:21:53.4	80.3	31.8	0.9	41	5.4
STU	e P	Z	16:21:53.9	80.5	30.5	0.8	31	5.4
WLF	e P	Z	16:21:55.7	80.7	28.6	1.0	13	4.9
BFO	e P	Z	16:21:57.3	81.2	29.9	0.9	13	5.0

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/11	16:55:36.9	44.029N	20.345E	10.0G				SZGRF

Northwestern Balkan Peninsula

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z	16:57:13.8	6.6	134.0					
WET	e Pn	Z	16:57:21.6	7.2	132.1					
FUR	e Pn	Z	16:57:25.4	7.5	120.0					
ROTZ	e Pn	Z	16:57:31.2	8.0	132.9					
BRG	e Pn	Z	16:57:33.9	8.1	145.3					
MANZ	e Pn	Z	16:57:34.3	8.2	133.6					
GRA1	e Pn	Z	16:57:37.4	8.4	128.8					
WERD	e Pn	Z	16:57:37.3	8.4	136.6					
CLL	e Pn	Z	16:57:42.3	8.8	143.0					
MOX	e Pn	Z	16:57:43.8	8.9	134.9					
STU	e Pn	Z	16:57:47.6	9.0	117.5					
BFO	e Pn	Z	16:57:50.3	9.4	112.9					
	e Sn	N	16:59:29.4							
RUE	e Pn	Z	16:57:53.7	9.5	150.1					
TNS	e Pn	Z	16:58:02.0	10.2	122.9					
	e Sn	N	16:59:48.2							
WLF	e Pn	Z	16:58:17.2	11.2	114.8					
BSEG	e Pn	Z	16:58:26.2	11.9	142.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/11	17:22:51.9	22.623N	94.512E	51.0	6.0	5.2		SZGRF

Myanmar

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z	17:33:36.6	66.7	82.7	1.2	294	6.4		
RGN	e P	Z	17:33:36.9	66.7	83.3	1.3	203	6.2		
BRG	e P	Z	17:33:37.5	66.8	82.2	1.0	107	6.0		
GEC2	e P	Z	17:33:40.5	67.3	81.1	1.3	210	6.2		
CLL	i P	+ Z	17:33:41.2	67.3	81.6	1.1	89	5.9		
	e pP	Z	17:33:54.2							
	e sP	Z	17:34:01.1							

	e PP	Z	17:36:09.9								
	e pPP	Z	17:36:21.5								
	e PPP	Z	17:37:51.7								
	e S	E	17:42:29.2								
	e sS	E	17:42:49.4								
	e SS	E	17:46:54.9								
	e SSS	E	17:50:18.6								
	e LR	Z	17:59:24.9								
	e L	Z	18:06:51.8			22.0	4320		5.6		
WET	e P	Z	17:33:43.6	67.7	80.7	1.1	110	6.0			
WERD	e P	Z	17:33:44.3	67.9	80.8	1.1	96	6.0			
	e pP	Z	17:33:58.9								
ROTZ	e P	Z	17:33:46.1	68.1	80.4	1.2	269	6.4			
MANZ	e P	Z	17:33:46.3	68.1	80.5	1.4	170	6.1			
MOX	e P	Z	17:33:46.9	68.3	80.4	1.1	93	5.9			
GRB1	e P	Z	17:33:48.3	68.5	79.9						
	e PP	Z	17:36:21.3								
	e S	R	17:42:43.5								
	e L	Z	18:06:53.0			20.7	1316		5.2		
BSEG	e P	Z	17:33:48.6	68.5	80.7	0.9	133	6.2			
GRA1	e P	Z	17:33:50.2	68.7	79.7	1.2	84	5.8			
	e pP	Z	17:34:04.0								
	e sP	Z	17:34:10.6								
GRFO	e L	Z	18:06:59.1	68.7	79.7	20.0	1597		5.3		
CLZ	e P	Z	17:33:50.6	68.9	79.9	0.9	122	6.1			
FUR	e P	Z	17:33:51.3	69.0	79.2	1.1	149	6.1			
GTTN	e P	Z	17:33:52.2	69.2	79.5	1.4	157	6.1			
HLG	e P	Z	17:33:57.0	69.9	78.9	1.2	100	5.8			
STU	e P	Z	17:33:58.7	70.2	77.9	1.2	224	6.2			
	e sP	Z	17:34:20.1								
IBBN	e P	Z	17:33:59.7	70.3	78.1	1.2	113	5.9			
TNS	e P	Z	17:33:59.8	70.4	77.9	1.1	117	5.9			
	e pP	Z	17:34:14.4								
BUG	e P	Z	17:34:02.6	70.8	77.5	1.2	110	5.8			
BFO	e P	Z	17:34:02.4	70.8	77.2	1.1	56	5.6			
WLF	e P	Z	17:34:10.0	71.9	76.1	1.1	342	6.4			

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/11 17:56:15.6 19.895S 170.659E 27.0
 Vanuatu Islands SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e PKPbc	Z 18:15:46.0	144.5	33.1					
GTTN	e PKPbc	Z 18:15:47.6	144.9	32.7					
IBBN	e PKPbc	Z 18:15:47.9	145.0	28.8					
WERD	e PKPbc	Z 18:15:47.3	145.0	37.2					
MOX	e PKPbc	Z 18:15:47.8	145.1	36.0					

MANZ	e	PKPbc	Z	18:15:48.9	145.4	37.3
ROTZ	e	PKPbc	Z	18:15:49.4	145.6	37.6
GEC2	e	PKPbc	Z	18:15:49.5	145.7	40.7
WET	e	PKPbc	Z	18:15:49.9	145.8	39.2
BUG	e	PKPbc	Z	18:15:50.3	145.9	28.6
GRA1	e	PKPbc	Z	18:15:51.5	146.0	36.2
	e	pPKPbc	Z	18:15:59.6		
GRFO	e	PKPbc	Z	18:15:50.9	146.0	36.2
TNS	e	PKPbc	Z	18:15:52.7	146.6	31.4
STU	e	PKPbc	Z	18:15:55.5	147.5	33.8
WLF	e	PKPbc	Z	18:15:56.9	147.8	28.1
BFO	e	PKPbc	Z	18:15:57.2	148.2	32.8

Date Origin Time Lat Long Depth mb Ms ML Source
2006/05/11

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e	PKPbc	Z	18:27:22.3					

Date Origin Time Lat Long Depth mb Ms ML Source
2006/05/11 19:16:48.9
Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPbc	Z	19:36:23.3	145.5	5.7			
RUE	e	PKPbc	Z	19:36:26.5	146.7	11.9			
IBBN	e	PKPbc	Z	19:36:28.5	147.2	1.5			
CLZ	e	PKPbc	Z	19:36:29.1	147.6	6.1			
	e	PKPab	Z	19:36:32.2					
CLL	e	PKPbc	Z	19:36:29.8	147.9	10.9			
	e	PKPab	Z	19:36:32.7					
GTTN	e	PKPbc	Z	19:36:29.8	147.9	5.5			
	e	PKPab	Z	19:36:33.4					
BRG	e	PKPbc	Z	19:36:30.8	148.2	12.7			
	e	PKPab	Z	19:36:33.9					
MOX	e	PKPbc	Z	19:36:32.0	148.7	8.6			
WERD	e	PKPbc	Z	19:36:32.5	148.8	9.9			
	e	PKPab	Z	19:36:36.8					
MANZ	e	PKPbc	Z	19:36:34.0	149.3	9.7			
TNS	e	PKPbc	Z	19:36:34.0	149.3	2.9			
	e	PKPab	Z	19:36:39.3					
ROTZ	e	PKPbc	Z	19:36:34.3	149.5	9.9			
GRA1	e	PKPbc	Z	19:36:35.1	149.7	8.1			
	e	PKPab	Z	19:36:41.0					
GRFO	e	PKPbc	Z	19:36:35.0	149.7	8.1			

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	e	PKPab	Z	19:36:40.6							
WLF	e	PKPbc	Z	19:36:35.6	149.9	358.6					
WET	e	PKPbc	Z	19:36:35.1	150.0	11.3					
	e	PKPab	Z	19:36:41.6							
GEC2	e	PKPbc	Z	19:36:35.6	150.2	13.0					
	e	PKPab	Z	19:36:42.0							
STU	e	PKPbc	Z	19:36:37.4	150.7	4.4					
FUR	e	PKPbc	Z	19:36:38.1	151.2	8.6					
BFO	e	PKPbc	Z	19:36:37.7	151.2	2.8					
	e	PKPab	Z	19:36:46.4							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/12								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e	PKP	Z	01:21:58.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/12	03:42:13.9	20.600S	174.000W	50.0N				NEIC
Tonga Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e	PKP	Z	04:02:01.3	150.6	10.0			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/12	08:16:53.6	6.579S	105.392E	33.0G	5.5	4.8		SZGRF
Sunda Strait, Indonesia								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e	P	Z	08:30:19.2	96.0	93.0	1.8	30	5.5
GEC2	e	P	Z	08:30:19.8	96.1	93.1	1.5	35	5.7
WET	e	P	Z	08:30:22.2	96.6	92.4	1.5	27	5.7
CLL	e	P	Z	08:30:22.3	96.6	92.3	2.2	43	5.7
WERD	e	P	Z	08:30:23.8	97.0	91.8	2.0	25	5.5
ROTZ	e	P	Z	08:30:24.7	97.1	91.8	1.6	20	5.5
MANZ	e	P	Z	08:30:25.2	97.1	91.7	1.7	42	5.8
MOX	e	P	Z	08:30:25.7	97.5	91.3	1.9	26	5.5
GRA1	e	P	Z	08:30:27.6	97.7	91.1	0.7	9	5.6
GRFO	e	L	Z	09:17:59.9	97.7	91.1	21.7	305	4.8
TNS	e	P	Z	08:30:35.4	99.5	88.9	1.5	16	5.5
BFO	e	P	Z	08:30:35.1	99.6	89.1	1.2	5	5.0

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/12	10:16:26.7	20.900S	174.300W	15.0N				NEIC
Tonga Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 10:36:19.9	150.9	10.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/12								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 12:39:34.3							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/12	15:43: 0.3	51.940N	169.607W	33.0N	4.6			SZGRF
Fox Islands, Aleutian Islands, United States								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 15:54:57.9	78.4	0.5	1.3	8	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/12	16:05:40.8	27.760N	53.630E	13.3	4.7			SZGRF
Southern Iran								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 16:12:51.5	37.1	109.8	1.0	8	4.4		
	e pP	Z 16:12:55.0							
BRG	e P	Z 16:12:56.1	37.7	112.5	1.1	14	4.6		
WET	e P	Z 16:12:56.6	37.7	109.3	1.2	11	4.5		
ROTZ	e P	Z 16:13:02.2	38.4	109.4	1.1	20	4.8		
CLL	e P	Z 16:13:02.4	38.4	112.0	1.0	16	4.7		
MANZ	e P	Z 16:13:03.6	38.5	109.5	1.0	7	4.4		
GRA1	e P	Z 16:13:07.0	38.9	108.3	1.1	31	4.8		
MOX	e P	Z 16:13:07.4	39.0	109.8	1.2	8	4.3		
CLZ	e P	Z 16:13:17.1	40.1	109.9	1.1	32	4.8		
BFO	e P	Z 16:13:18.6	40.4	103.9	1.2	10	4.3		
TNS	e P	Z 16:13:22.5	40.8	106.1	1.4	33	4.9		
BUG	e P	Z 16:13:31.4	41.9	106.3	0.9	23	4.9		
WLF	e P	Z 16:13:32.8	42.1	103.3	1.2	21	4.7		
HLG	e P	Z 16:13:34.9	42.3	109.8	1.2	59	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/12	17:27:52.0	61.020N	150.600E	33.0N	4.6			SZGRF

Eastern Siberia, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 17:38:03.3	60.8	20.8	0.5	3	4.4		
CLL	e P	Z 17:38:16.1	62.7	21.6	1.0	7	4.7		
CLZ	e P	Z 17:38:16.5	62.8	20.4	1.2	7	4.7		
MOX	e P	Z 17:38:21.9	63.6	20.8	0.9	3	4.6		
WERD	e P	Z 17:38:22.6	63.6	21.1	1.0	4	4.7		
MANZ	e P	Z 17:38:25.5	64.1	20.9	1.1	3	4.5		
ROTZ	e P	Z 17:38:26.4	64.3	20.9	0.8	3	4.6		
GRA1	e P	Z 17:38:28.7	64.6	20.4	0.7	5	4.8		
WET	e P	Z 17:38:29.4	64.7	21.1	1.3	7	4.7		
GEC2	e P	Z 17:38:29.6	64.8	21.5	0.8	2	4.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/12	17:57:56.1	19.190S	176.900W	379.0				SZGRF

Fiji Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 18:16:47.7	144.8	11.9					
IBBN	e PKPbc	Z 18:16:53.2	146.7	8.0					
CLZ	e PKPbc	Z 18:16:54.0	146.9	12.6					
CLL	e PKPbc	Z 18:16:53.8	146.9	17.3					
BRG	e PKPbc	Z 18:16:54.6	147.2	19.1					
GTTN	e PKPbc	Z 18:16:54.6	147.2	12.0					
BUG	e PKPbc	Z 18:16:55.6	147.6	7.4					
MOX	e PKPbc	Z 18:16:56.3	147.8	15.2					
WERD	e PKPbc	Z 18:16:56.6	147.9	16.5					
	e pPKPbc	Z 18:18:28.6							
MANZ	e PKPbc	Z 18:16:58.1	148.4	16.4					
ROTZ	e PKPbc	Z 18:16:58.5	148.6	16.7					
	e pPKPbc	Z 18:18:30.1							
TNS	e PKPbc	Z 18:16:58.7	148.7	9.7					
GRA1	e PKPbc	Z 18:16:59.5	148.8	14.9					
WET	e PKPbc	Z 18:16:59.5	149.0	18.2					
	e pPKPbc	Z 18:18:31.3							
GEC2	e PKPbc	Z 18:16:59.6	149.1	19.8					
WLF	e PKPbc	Z 18:17:00.9	149.4	5.7					
BFO	e PKPbc	Z 18:16:58.0	150.6	10.1					
	e PKPbc	Z 18:17:02.8							
	e pPKPbc	Z 18:18:35.5							

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Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/12	18:12:22.5	21.130S	32.780E	33.0N	4.7			SZGRF

Mozambique

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 18:23:41.1	72.0	161.3	1.1	6	4.6		
WET	e P	Z 18:23:43.9	72.5	160.6	1.0	4	4.5		
BFO	e P	Z 18:23:46.5	72.8	156.2	1.2	4	4.4		
ROTZ	e P	Z 18:23:49.1	73.2	160.0	0.9	10	4.9		
GRA1	e P	Z 18:23:49.9	73.4	159.0	0.9	7	4.8		
MANZ	e P	Z 18:23:50.5	73.4	159.9	1.1	8	4.8		
WERD	e P	Z 18:23:52.4	73.8	160.1	1.2	9	4.7		
MOX	e P	Z 18:23:54.7	74.2	159.5	0.9	5	4.5		
TNS	e P	Z 18:23:56.7	74.5	156.5	1.0	9	4.8		
WLF	e P	Z 18:23:57.2	74.6	154.3	0.9	6	4.6		
UBBA	e P	Z 18:23:57.7	74.7	158.0	0.8	3	4.3		
CLZ	e P	Z 18:24:02.7	75.6	158.5	1.8	13	4.7		
BUG	e P	Z 18:24:04.2	75.9	155.5	0.8	11	5.0		
BSEG	e P	Z 18:24:13.5	77.5	158.6	1.2	13	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/12	20:59:43.8	35.202N	26.758E	33.0G	3.7			THE

Crete, Greece

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 21:03:37.6	16.7	140.0					
BRG	e P	Z 21:03:54.3	18.2	144.5	0.8	3	3.5		
GRA1	e P	Z 21:03:56.0	18.4	136.1	0.7	4	3.6		
TNS	e P	Z 21:04:14.1	20.1	131.5	1.2	10	3.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/12								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 21:22:10.9							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/12	21:52:42.3	21.712S	174.113W	33.0N				SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e PKPbc	Z 22:12:20.7	146.7	12.6					
HLG	e PKPbc	Z 22:12:23.8	147.5	3.5					

BSEG	e	PKPbc	Z	22:12:22.6	147.6	7.7
RUE	e	PKPbc	Z	22:12:25.2	148.6	14.2
	e	PKPab	Z	22:12:28.3		
IBBN	e	PKPbc	Z	22:12:27.3	149.4	3.4
CLZ	e	PKPbc	Z	22:12:28.3	149.7	8.3
	e	PKPab	Z	22:12:32.8		
CLL	e	PKPbc	Z	22:12:28.5	149.9	13.3
	e	PKPab	Z	22:12:33.0		
GTTN	e	PKPbc	Z	22:12:29.5	150.0	7.6
	e	PKPab	Z	22:12:34.1		
BRG	e	PKPbc	Z	22:12:29.4	150.2	15.2
BUG	e	PKPbc	Z	22:12:29.3	150.3	2.6
UBBA	e	PKPbc	Z	22:12:30.6	150.7	7.8
MOX	e	PKPbc	Z	22:12:30.7	150.7	10.9
WERD	e	PKPbc	Z	22:12:31.0	150.8	12.3
MANZ	e	PKPbc	Z	22:12:32.4	151.3	12.1
TNS	e	PKPbc	Z	22:12:32.0	151.4	5.0
	e	PKPab	Z	22:12:40.3		
ROTZ	e	PKPbc	Z	22:12:32.8	151.5	12.4
GRA1	e	PKPbc	Z	22:12:33.5	151.7	10.5
WET	e	PKPbc	Z	22:12:33.8	152.0	13.9
	e	PKPab	Z	22:12:42.6		
WLF	e	PKPbc	Z	22:12:34.3	152.0	0.5
	e	PKPab	Z	22:12:43.7		
GEC2	e	PKPbc	Z	22:12:34.0	152.2	15.7
	e	PKPab	Z	22:12:43.6		
STU	e	PKPbc	Z	22:12:35.8	152.8	6.7
	e	PKPab	Z	22:12:46.1		
FUR	e	PKPbc	Z	22:12:36.1	153.2	11.2
	e	PKPab	Z	22:12:47.5		
BFO	e	PKPbc	Z	22:12:36.8	153.3	5.1
	e	PKPab	Z	22:12:48.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/12	23:18:58.5	31.485N	49.907E	33.0N	4.5			SZGRF

Western Iran

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
ROTZ	e P	Z 23:25:35.2	33.4	108.8	1.2	4	4.2		
FUR	e P	Z 23:25:35.9	33.5	105.5	1.2	21	5.0		
GRA1	e P	Z 23:25:39.7	34.0	107.7	1.1	5	4.3		
CLZ	e P	Z 23:25:51.1	35.2	109.7	0.7	4	4.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/13	03:11:27.4	4.688N	95.138E	35.5	6.1	4.9		SZGRF

Northern Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	03:23:46.8	80.8	93.9	1.6	301	6.1		
GEC2	e P	Z	03:23:47.1	80.8	93.4	1.3	352	6.2		
	e S	T	03:33:44.5							
RUE	e P	Z	03:23:47.6	81.0	94.0	0.9	288	6.3		
	e S	T	03:33:44.2							
WET	e P	Z	03:23:49.6	81.4	92.8	1.0	148	6.0		
	e S	T	03:33:51.4							
CLL	i P	+ Z	03:23:49.5	81.4	93.2	1.3	141	5.7		
	e pP	Z	03:23:59.9							
	e		03:24:08.0							
	e PP	Z	03:26:56.3							
	e PPP	Z	03:28:39.0							
	e S	N	03:33:49.5							
	e SKSac	N	03:34:04.5							
	e (SS)	E	03:38:49.8							
	e L	Z	04:06:01.3			20.0	788		5.1	
RGN	e P	Z	03:23:50.1	81.4	94.0	1.1	181	6.0		
	e S	T	03:33:51.0							
WERD	e P	Z	03:23:52.0	81.8	92.5	1.5	168	5.9		
ROTZ	e P	Z	03:23:51.8	81.9	92.4	1.0	134	6.0		
	e S	T	03:33:56.8							
MANZ	e P	Z	03:23:52.6	81.9	92.3	1.2	248	6.2		
	e S	T	03:33:57.4							
MOX	e P	Z	03:23:54.1	82.3	92.0	2.0	308	6.1		
	e S	T	03:33:59.5							
FUR	e P	Z	03:23:54.7	82.4	91.4	2.1	609	6.4		
	e S	T	03:33:59.8							
GRA1	e P	Z	03:23:55.9	82.5	91.6	0.9	60	5.8		
	e pP	Z	03:24:05.7							
	e		03:24:14.2							
GRFO	e L	Z	04:07:15.4	82.5	91.6	21.4	523		4.9	
CLZ	e P	Z	03:23:58.8	83.1	91.2	1.4	222	6.2		
	e S	T	03:34:06.3							
BSEG	e P	Z	03:23:59.3	83.2	91.4	1.4	324	6.4		
	e S	T	03:34:08.4							
UBBA	e P	Z	03:24:00.4	83.3	90.8	1.8	120	5.8		
GTTN	e P	Z	03:24:00.0	83.3	90.9	1.1	118	6.0		
STU	e P	Z	03:24:01.9	83.8	90.0	1.0	92	5.9		
	e S	T	03:34:13.9							
TNS	e P	Z	03:24:04.5	84.3	89.5	1.0	106	6.0		
	e S	T	03:34:19.8							
BFO	e P	Z	03:24:05.0	84.4	89.3	1.0	91	6.0		
	e S	T	03:34:19.7							
HLG	e P	Z	03:24:06.5	84.6	89.5	1.1	110	6.0		
	e S	T	03:34:23.5							
IBBN	e P	Z	03:24:06.9	84.7	89.2	1.1	164	6.2		

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	e S	T	03:34:23.1						
BUG	e P	Z	03:24:08.8	85.0	88.7	1.4	219	6.2	
	e S	T	03:34:27.1						
WLF	e P	Z	03:24:13.1	85.8	87.7	1.2	140	6.0	
	e S	T	03:34:35.7						

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/13	06:05:18.3	20.786S	173.295W	12.0N				SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 06:24:59.1	146.7	6.2					
IBBN	e PKPbc	Z 06:25:05.0	148.5	1.9					
CLZ	e PKPbc	Z 06:25:05.4	148.8	6.6					
CLL	e PKPbc	Z 06:25:05.4	149.1	11.5					
GTTN	e PKPbc	Z 06:25:05.8	149.1	5.9					
BRG	e PKPbc	Z 06:25:06.5	149.4	13.4					
MOX	e PKPbc	Z 06:25:07.8	149.9	9.2					
WERD	e PKPbc	Z 06:25:08.3	150.0	10.5					
MANZ	e PKPbc	Z 06:25:09.5	150.5	10.3					
TNS	e PKPbc	Z 06:25:09.0	150.5	3.3					
ROTZ	e PKPbc	Z 06:25:09.8	150.7	10.6					
GRA1	e PKPbc	Z 06:25:10.6	150.9	8.7					
WLF	e PKPbc	Z 06:25:11.2	151.1	358.9					
WET	e PKPbc	Z 06:25:10.3	151.2	12.1					
GEC2	e PKPbc	Z 06:25:11.6	151.4	13.8					
BFO	e PKPbc	Z 06:25:13.7	152.4	3.3					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/13	08:16: 6.1	20.109S	174.653W	33.0N				SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 08:35:42.0	146.0	8.4					
IBBN	e PKPbc	Z 08:35:47.0	147.7	4.2					
CLZ	e PKPbc	Z 08:35:47.4	148.0	8.9					
CLL	e PKPbc	Z 08:35:47.6	148.2	13.7					
GTTN	e PKPbc	Z 08:35:49.0	148.4	8.3					
BRG	e PKPbc	Z 08:35:48.5	148.5	15.6					
MOX	e PKPbc	Z 08:35:49.9	149.1	11.5					
WERD	e PKPbc	Z 08:35:49.9	149.2	12.8					
MANZ	e PKPbc	Z 08:35:51.7	149.6	12.6					
ROTZ	e PKPbc	Z 08:35:51.9	149.8	12.9					
GRA1	e PKPbc	Z 08:35:53.2	150.0	11.1					
WET	e PKPbc	Z 08:35:53.8	150.3	14.4					

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WLF	e	PKPbc	Z	08:35:53.5	150.4	1.5
GEC2	e	PKPbc	Z	08:35:53.4	150.5	16.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/13	16:22:17.8	44.216N	12.324E	10.0G			3.7	SZGRF

Northern Italy

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
OBKA	e Pn	Z	16:23:02.8	2.8	215.1					4.0
	e Sn	Z	16:23:34.6							
KBA	e Pn	Z	16:23:04.9	2.9	194.4					3.6
	e Sn	E	16:23:40.9							
WTTA	e Pn	Z	16:23:06.8	3.1	170.8					3.9
	e Sn	N	16:23:43.5							
DAVA	e Pn	Z	16:23:12.2	3.5	150.1					3.8
	e Sn	E	16:23:53.0							
ARSA	e Pn	Z	16:23:16.2	3.8	217.5					3.2
MOA	e Pn	Z	16:23:17.8	3.9	201.1					3.5
WET	e Pn	Z	16:23:30.7	4.9	184.6					3.6
	e Sn	E	16:24:24.2							
GRA1	e Sn	E	16:24:37.1	5.5	171.8					3.9
ROTZ	e Sn	N	16:24:37.9	5.6	179.1					3.6
MANZ	e Sn	E	16:24:43.5	5.8	178.5					3.6
TANN	e Sn	E	16:24:53.8	6.2	180.9					3.8
MOX	e Sn	N	16:24:57.6	6.4	175.5					3.9

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/13	19:55:41.3	20.200S	169.100E	33.0G		4.7		GSRC

Vanuatu Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKPbc	Z	20:15:11.2	143.6	41.7					
CLL	e PKPbc	Z	20:15:11.3	143.7	40.0					
CLZ	e PKPbc	Z	20:15:13.4	144.3	35.7					
WERD	e PKPbc	Z	20:15:14.8	144.6	39.7					
GTTN	e PKPbc	Z	20:15:14.8	144.7	35.3					
MOX	e PKPbc	Z	20:15:14.8	144.8	38.5					
IBBN	e PKPbc	Z	20:15:14.8	144.8	31.4					
MANZ	e PKPbc	Z	20:15:16.5	145.1	39.8					
ROTZ	e PKPbc	Z	20:15:16.8	145.2	40.2					
GEC2	e PKPbc	Z	20:15:16.7	145.2	43.3					
WET	e PKPbc	Z	20:15:17.3	145.4	41.8					
GRA1	e PKPbc	Z	20:15:18.1	145.7	38.8					
	e pPKPbc	Z	20:15:28.0							
GRFO	e L	Z	21:23:48.5	145.7	38.8	20.6	141		4.7	

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BUG	e	PKPbc	Z	20:15:17.4	145.7	31.3
TNS	e	PKPbc	Z	20:15:19.5	146.3	34.1
FUR	e	PKPbc	Z	20:15:21.5	146.8	40.3
STU	e	PKPbc	Z	20:15:22.6	147.2	36.5
WLF	e	PKPbc	Z	20:15:23.6	147.6	30.9
BFO	e	PKPbc	Z	20:15:23.9	147.9	35.6

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/13	22:51:58.8	4.800S	152.200E	35.0N				NEIC

New Britain, Papua New Guinea, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPdf	Z	23:10:49.6	121.9	46.5			
BRG	e	PKPdf	Z	23:10:50.2	122.3	51.7			
CLL	e	PKPdf	Z	23:10:50.3	122.5	50.5			
CLZ	e	PKPdf	Z	23:10:52.6	123.4	47.5			
WERD	e	PKPdf	Z	23:10:51.8	123.4	50.2			
MOX	e	PKPdf	Z	23:10:52.6	123.6	49.4			
GEC2	e	PKPdf	Z	23:10:52.7	123.7	52.5			
GTTN	e	PKPdf	Z	23:10:53.4	123.7	47.2			
MANZ	e	PKPdf	Z	23:10:53.3	123.7	50.3			
WET	e	PKPdf	Z	23:10:53.2	123.9	51.5			
IBBN	e	PKPdf	Z	23:10:54.0	124.2	44.5			
GRA1	e	PKPdf	Z	23:10:54.2	124.4	49.5			
BUG	e	PKPdf	Z	23:10:55.7	125.0	44.4			
FUR	e	PKPdf	Z	23:10:55.7	125.3	50.4			
STU	e	PKPdf	Z	23:10:57.4	126.0	47.8			
BFO	e	PKPdf	Z	23:10:58.4	126.7	47.1			
WLF	e	PKPdf	Z	23:11:00.1	126.8	44.0			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/14								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e	Pn	Z	00:15:19.2					
	e	Sn	N	00:15:38.0					
WET	e	Pn	Z	00:15:27.8					
	e	Sn	E	00:15:51.7					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/14	04:54:15.5	20.956S	173.694W	33.0N				SZGRF

Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	05:13:51.8	146.9	6.9					
IBBN	e PKPbc	Z	05:13:56.7	148.6	2.6					
CLZ	e PKPbc	Z	05:13:57.4	149.0	7.4					
CLL	e PKPbc	Z	05:13:58.0	149.2	12.3					
GTTN	e PKPbc	Z	05:13:58.2	149.3	6.7					
BRG	e PKPbc	Z	05:13:58.9	149.5	14.1					
BUG	e PKPbc	Z	05:13:58.5	149.5	1.8					
MOX	e PKPbc	Z	05:13:59.9	150.0	10.0					
WERD	e PKPbc	Z	05:13:59.8	150.1	11.3					
MANZ	e PKPbc	Z	05:14:01.7	150.6	11.1					
TNS	e PKPbc	Z	05:14:01.6	150.7	4.1					
ROTZ	e PKPbc	Z	05:14:01.9	150.8	11.4					
GRA1	e PKPbc	Z	05:14:02.5	151.0	9.5					
WLF	e PKPbc	Z	05:14:03.8	151.3	359.7					
WET	e PKPbc	Z	05:14:02.7	151.3	12.9					
GEC2	e PKPbc	Z	05:14:03.3	151.5	14.6					
STU	e PKPbc	Z	05:14:04.9	152.1	5.8					
FUR	e PKPbc	Z	05:14:05.8	152.5	10.1					
BFO	e PKPbc	Z	05:14:06.1	152.6	4.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/14	06:24:13.4	24.721S	179.269E	33.0N				SZGRF
South of Fiji Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	06:44:00.3	149.6	20.1					
	e PKPab	Z	06:44:06.2							
RUE	e PKPbc	Z	06:44:01.8	150.1	27.2					
CLL	e PKPbc	Z	06:44:04.6	151.4	26.8					
BRG	e PKPbc	Z	06:44:05.1	151.5	28.8					
CLZ	e PKPbc	Z	06:44:04.9	151.6	21.6					
FBE	e PKPbc	Z	06:44:05.4	151.6	27.7					
IBBN	e PKPbc	Z	06:44:05.8	151.7	16.4					
NEUB	e PKPbc	Z	06:44:05.6	151.8	24.6					
GTTN	e PKPbc	Z	06:44:05.6	152.0	21.0					
TANN	e PKPbc	Z	06:44:06.8	152.4	26.5					
WERD	e PKPbc	Z	06:44:06.8	152.4	26.2					
MOX	e PKPbc	Z	06:44:06.6	152.4	24.8					
MANZ	e PKPbc	Z	06:44:07.9	152.8	26.2					
GRA1	e PKPab	Z	06:44:22.6	153.4	24.8					
GEC2	e PKPbc	Z	06:44:08.6	153.4	30.3					
WET	e PKPab	Z	06:44:22.6	153.4	28.5					
TNS	e PKPbc	Z	06:44:09.4	153.5	19.0					
	e PKPab	Z	06:44:22.2							
FUR	e PKPab	Z	06:44:28.1	154.7	26.3					
BFO	e PKPab	Z	06:44:29.8	155.3	20.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/14	07:14:38.8	43.637N	144.765E	32.9	4.4			SZGRF

Hokkaido, Japan, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 07:26:35.7	78.2	32.4	1.0	4	4.4		
	e pP	Z 07:26:45.2							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/14	07:38:11.3	14.240N	90.970W	33.0N	4.8	4.8		SZGRF

Guatemala

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
IBBN	e P	Z 07:50:39.0	84.0	285.6					
TNS	e P	Z 07:50:44.2	85.0	286.3	0.9	16	5.2		
BSEG	e P	Z 07:50:44.5	85.0	287.4	0.9	21	5.4		
BFO	e P	Z 07:50:46.7	85.4	286.3	1.0	6	4.7		
CLZ	e P	Z 07:50:47.5	85.7	287.6	1.3	18	5.0		
STU	e P	Z 07:50:48.3	85.9	286.9	0.8	11	5.1		
MOX	e P	Z 07:50:53.3	86.8	288.7	0.9	2	4.4		
GRFO	e PP	Z 07:54:20.2	86.8	288.4					
	e L	Z 08:25:53.6			21.6	395		4.8	
GRA1	e P	Z 07:50:53.7	86.8	288.4	1.1	7	4.7		
WERD	e P	Z 07:50:55.9	87.3	289.2	1.5	9	4.7		
MANZ	e P	Z 07:50:55.3	87.3	289.1	1.5	8	4.6		
BRG	e P	Z 07:50:59.3	88.1	290.4	0.9	4	4.7		
GEC2	e P	Z 07:51:01.9	88.6	290.3	1.2	5	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/14								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 13:05:00.5							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/14	13:10:40.5	20.635S	175.588W	33.0N				SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e PKPbc	Z 13:30:23.5	148.4	10.7					

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CLL	e	PKPbc	Z	13:30:23.6	148.6	15.6
MOX	e	PKPbc	Z	13:30:26.1	149.5	13.4
WERD	e	PKPbc	Z	13:30:26.4	149.5	14.7
MANZ	e	PKPbc	Z	13:30:27.5	150.0	14.5
ROTZ	e	PKPbc	Z	13:30:28.2	150.2	14.8
TNS	e	PKPbc	Z	13:30:27.9	150.2	7.6
GRA1	e	PKPbc	Z	13:30:28.6	150.4	13.0
GEC2	e	PKPbc	Z	13:30:29.3	150.8	18.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/14	15:05:13.0	6.300S	147.400E	91.0N				NEIC
Eastern New Guinea, Papua New Guinea, region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e	PKPdf	Z	15:23:54.7	121.1	57.4			
CLL	e	PKPdf	Z	15:23:55.4	121.4	56.3			
WERD	e	PKPdf	Z	15:23:57.3	122.2	56.0			
GEC2	e	PKPdf	Z	15:23:57.4	122.3	58.2			
CLZ	e	PKPdf	Z	15:23:57.9	122.4	53.4			
MOX	e	PKPdf	Z	15:23:57.2	122.5	55.2			
MANZ	e	PKPdf	Z	15:23:58.3	122.6	56.1			
WET	e	PKPdf	Z	15:23:57.9	122.6	57.3			
GRA1	e	PKPdf	Z	15:23:58.7	123.2	55.3			
IBBN	e	PKPdf	Z	15:23:59.1	123.4	50.4			
TNS	e	PKPdf	Z	15:24:01.9	124.3	52.2			
STU	e	PKPdf	Z	15:24:02.6	124.8	53.8			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/14	22:15:50.4	23.785N	98.370E	33.0N	4.4			SZGRF
Myanmar-China border region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML	
GRA1	e	P	Z	22:27:01.1	70.3	76.1	0.9	3	4.4	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/15	00:09:29.6	14.128N	92.521W	33.0N	4.6			SZGRF
Near coast of Chiapas, Mexico								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML	
GRA1	e	P	Z	00:22:16.1	87.9	289.5	1.4	4	4.6	

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Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/15	04:22:41.0	35.786N	26.061E	75.0G	4.0			KAN

Crete, Greece

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	04:26:22.0	15.9	140.7	1.3	8	3.7		
	e S	E	04:29:43.0							
WET	e P	Z	04:26:28.4	16.5	139.3	1.0	5	3.6		
	e S	E	04:29:52.3							
FUR	e S	N	04:29:52.1	16.5	133.2					
ROTZ	e S	N	04:30:10.1	17.2	139.0					
BRG	e S	N	04:30:15.6	17.4	145.3					
MANZ	e P	Z	04:26:38.8	17.4	139.2	0.7	3	3.5		
GRFO	e P	Z	04:26:42.3	17.6	136.6					
GRA1	e P	Z	04:26:41.2	17.6	136.6	0.7	8	3.9		
WERD	e P	Z	04:26:41.8	17.7	140.6	0.9	8	3.9		
	e S	E	04:30:15.8							
CLL	e P	Z	04:26:46.3	18.1	143.9					
MOX	e P	Z	04:26:47.8	18.1	139.5	0.8	12	4.1		
TNS	e P	Z	04:26:58.9	19.2	131.9					
GTTN	e P	Z	04:27:01.7	19.5	137.6	1.0	42	4.6		
CLZ	e P	Z	04:27:01.5	19.6	139.1	0.9	14	4.2		
BSEG	e P	Z	04:27:18.4	21.2	142.5	0.7	12	4.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/15	04:42:31.4	33.890N	24.070E	10.0G	4.5	3.5		SZGRF

Central Mediterranean Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	04:46:29.5	16.8	148.9	1.0	31	4.4		
FUR	e P	Z	04:46:34.1	17.2	141.5	1.0	65	4.7		
WET	e P	Z	04:46:35.7	17.4	147.3	1.1	64	4.7		
	e S	E	04:50:12.5							
ROTZ	e P	Z	04:46:43.9	18.1	146.7	1.4	44	4.4		
MANZ	e P	Z	04:46:45.8	18.3	146.9	1.1	47	4.5		
GRFO	e P	Z	04:46:47.8	18.4	144.2	1.4	151	4.9		
	e L	Z	04:54:20.7			24.4	309		3.5	
GRA1	e P	Z	04:46:47.8	18.4	144.3	1.4	69	4.6		
BRG	e P	Z	04:46:48.7	18.5	152.6	1.6	53	4.5		
BFO	e P	Z	04:46:47.9	18.6	135.1	1.3	14	4.0		
WERD	e P	Z	04:46:49.6	18.7	148.1	2.0	89	4.6		
MOX	e P	Z	04:46:54.4	19.1	146.8	1.1	22	4.3		
CLL	e P	Z	04:46:55.1	19.2	151.0	1.1	29	4.4		
TNS	e P	Z	04:47:04.9	19.9	139.1	1.3	26	4.3		
RUE	e P	Z	04:47:04.5	20.0	154.3	1.2	66	4.7		
GTTN	e P	Z	04:47:09.9	20.4	144.5	1.3	21	4.2		
CLZ	e P	Z	04:47:10.0	20.5	145.8	1.1	18	4.2		

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BSEG e P Z 04:47:28.2 22.3 148.6 1.0 85 5.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/15	08:49:30.9	21.113S	174.196W	42.0G				NEIC

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPab	Z 09:09:13.6	147.0	7.7					
IBBN	e PKPab	Z 09:09:21.5	148.8	3.5					
CLZ	e PKPab	Z 09:09:21.8	149.1	8.3					
CLL	e PKPab	Z 09:09:21.7	149.3	13.2					
	e pPKPab	Z 09:09:34.8							
GTTN	e PKPab	Z 09:09:23.4	149.4	7.6					
BRG	e PKPab	Z 09:09:23.1	149.6	15.1					
MOX	e PKPab	Z 09:09:25.6	150.1	10.9					
ROTZ	e PKPab	Z 09:09:29.6	150.9	12.4					
GRA1	e PKPab	Z 09:09:31.4	151.1	10.5					
	e pPKPab	Z 09:09:43.3							
GEC2	e PKPab	Z 09:09:32.8	151.6	15.6					
BFO	e PKPab	Z 09:09:37.2	152.7	5.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/15	17:03:40.4	20.873S	177.043W	33.0N				SZGRF

Fiji Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e PKP	Z 17:23:13.9	145.4	17.2					
BSEG	e PKPbc	Z 17:23:17.6	146.5	12.5					
RUE	e PKPbc	Z 17:23:19.9	147.3	19.0					
IBBN	e PKPbc	Z 17:23:23.0	148.3	8.6					
	e PKPab	Z 17:23:27.0							
CLZ	e PKPbc	Z 17:23:23.5	148.5	13.3					
	e PKPab	Z 17:23:27.4							
CLL	e PKPpdf	Z 17:23:19.2	148.6	18.2					
	i PKPbc	- Z 17:23:23.2			0.9	148			
	e PKPab	Z 17:23:27.4							
	e pPKPbc	Z 17:25:41.3							
BRG	e PKPpdf	Z 17:23:20.1	148.8	20.1					
	e PKPbc	Z 17:23:23.7							
	e PKPab	Z 17:23:28.3							
GTTN	e PKPpdf	Z 17:23:20.2	148.8	12.7					
	e PKPbc	Z 17:23:23.9							
	e PKPab	Z 17:23:28.7							
BUG	e PKPbc	Z 17:23:25.0	149.2	7.9					
MOX	e PKPpdf	Z 17:23:20.9	149.5	16.1					

	e	PKPbc	Z	17:23:25.4		
	e	PKPab	Z	17:23:31.1		
WERD	e	PKPdf	Z	17:23:20.5	149.5	17.4
	e	PKPbc	Z	17:23:25.9		
	e	PKPab	Z	17:23:31.6		
UBBA	e	PKPbc	Z	17:23:25.5	149.5	13.1
MANZ	e	PKPdf	Z	17:23:21.9	150.0	17.3
	e	PKPbc	Z	17:23:27.2		
ROTZ	e	PKPbc	Z	17:23:27.5	150.2	17.6
TNS	e	PKPbc	Z	17:23:27.9	150.3	10.4
	e	PKPab	Z	17:23:34.9		
GRA1	e	PKPbc	Z	17:23:28.5	150.4	15.8
WET	e	PKPbc	Z	17:23:28.3	150.6	19.2
	e	PKPab	Z	17:23:36.4		
GEC2	e	PKPdf	Z	17:23:22.6	150.7	20.9
	e	PKPbc	Z	17:23:28.5		
	e	PKPab	Z	17:23:36.4		
WLF	e	PKPbc	Z	17:23:30.2	151.1	6.2
	e	PKPab	Z	17:23:38.7		
STU	e	PKPdf	Z	17:23:24.9	151.7	12.3
	e	PKPbc	Z	17:23:31.1		
	e	PKPab	Z	17:23:40.6		
FUR	e	PKPdf	Z	17:23:24.8	151.9	16.7
	e	PKPbc	Z	17:23:31.5		
	e	PKPab	Z	17:23:41.9		
BFO	e	PKPbc	Z	17:23:31.9	152.2	10.8
	e	PKPab	Z	17:23:42.8		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/15 21:34:11.6 14.176S 66.774E 33.0N 5.2 SZGRF
 Mid-Indian Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 21:46:09.1	78.5	127.7	1.8	19	4.9		
WET	e P	Z 21:46:12.6	79.1	127.1	3.0	84	5.3		
FUR	e P	Z 21:46:14.6	79.4	125.6	1.4	67	5.5		
BRG	e P	Z 21:46:16.2	79.7	128.2	2.0	56	5.3		
ROTZ	e P	Z 21:46:17.2	79.9	126.6	3.2	117	5.3		
MANZ	e P	Z 21:46:18.2	80.0	126.6	1.6	12	4.6		
WERD	e P	Z 21:46:19.7	80.2	126.8	2.6	83	5.2		
GRFO	e P	Z 21:46:19.9	80.3	125.8	1.7	54	5.2		
CLL	e P	Z 21:46:20.7	80.4	127.5	1.8	43	5.1		
MOX	e P	Z 21:46:21.9	80.7	126.3	1.8	30	4.9		
RUE	e P	Z 21:46:22.7	80.7	128.3					
BFO	e P	Z 21:46:23.4	81.1	123.3	2.0	58	5.3		
CLZ	e P	Z 21:46:29.2	82.0	125.4	1.6	40	5.3		
GTTN	e P	Z 21:46:29.8	82.1	125.0	2.1	69	5.4		

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TNS	e P	Z	21:46:29.7	82.1	123.6	1.7	30	5.1
RGN	e P	Z	21:46:30.5	82.2	128.2	1.3	78	5.7
WLF	e P	Z	21:46:34.3	83.0	121.7	1.4	19	5.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/15	22:50:33.8	32.007N	140.646E	33.0N	5.0			GSRC

Southeast of Honshu, Japan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 23:03:06.8	84.8	43.1	0.9	6	4.8		
CLL	e P	Z 23:03:06.9	84.8	42.4	1.0	15	5.2		
CLZ	e P	Z 23:03:10.5	85.5	40.5	1.2	15	5.0		
MOX	e P	Z 23:03:12.5	85.9	41.3	1.5	8	4.7		
ROTZ	e P	Z 23:03:15.5	86.3	41.7	2.6	42	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/15	23:35:46.7	20.000S	174.000W	33.0N				SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 23:55:20.5	145.9	7.2					
RUE	e PKPbc	Z 23:55:23.1	147.0	13.5					
IBBN	e PKPbc	Z 23:55:25.3	147.7	3.1					
CLL	e PKPbc	Z 23:55:26.3	148.2	12.6					
BRG	e PKPbc	Z 23:55:27.7	148.5	14.4					
BUG	e PKPbc	Z 23:55:27.6	148.5	2.3					
MOX	e PKPbc	Z 23:55:29.2	149.0	10.3					
WERD	e PKPbc	Z 23:55:29.7	149.1	11.6					
TNS	e PKPbc	Z 23:55:30.7	149.7	4.6					
ROTZ	e PKPbc	Z 23:55:31.3	149.8	11.7					
GRFO	e PKPbc	Z 23:55:33.8	150.0	9.9					
WLF	e PKPbc	Z 23:55:32.8	150.3	0.3					
WET	e PKPbc	Z 23:55:32.4	150.3	13.1					
FUR	e PKPbc	Z 23:55:34.8	151.5	10.4					
BFO	e PKPbc	Z 23:55:34.9	151.6	4.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/16	00:53:49.0	21.157S	175.027W	44.4		5.1		SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 01:13:28.3	147.0	9.2					
CLZ	e PKPbc	Z 01:13:33.6	149.0	9.8					

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CLL	e	PKPbc	Z	01:13:34.1	149.2	13.5				
	e	PKPab	Z	01:13:38.3	149.2	13.5				
	e	pPKPbc	Z	01:13:43.5						
	e	sPKPbc	Z	01:13:47.5			1.8	132		
BRG	e	PKPbc	Z	01:13:34.9	149.5	16.6				
MOX	e	PKPbc	Z	01:13:36.1	150.1	12.5				
	e	pPKPbc	Z	01:13:49.6						
WERD	e	PKPbc	Z	01:13:36.3	150.1	13.8				
MANZ	e	PKPbc	Z	01:13:37.8	150.6	13.7				
	e	pPKPbc	Z	01:13:51.0						
TNS	e	PKPbc	Z	01:13:37.9	150.8	6.7				
ROTZ	e	PKPbc	Z	01:13:38.3	150.8	13.9				
	e	pPKPbc	Z	01:13:51.6						
GRA1	e	PKPbc	Z	01:13:38.6	151.0	12.1				
GRFO	e	L	Z	02:26:10.8	151.0	12.1	19.9	283	5.1	
GEC2	e	PKPbc	Z	01:13:38.9	151.4	17.2				
FUR	e	pPKPbc	Z	01:13:54.3	152.5	12.8				

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/16	10:39:18.7	30.210S	177.600W	33.0G		7.2		SZGRF

Kermadec Islands, New Zealand

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPdf	Z 10:58:59.4	155.6	16.7					
	e	SS	T 11:22:49.9							
HLG	e	SS	T 11:22:53.1	155.7	11.6					
RUE	e	PKPdf	Z 10:59:00.3	156.2	25.0					
	e	SS	T 11:22:52.4							
CLL	e	Pdiff	Z 10:57:14.5	157.5	24.5					
	e	PKPdf	Z 10:59:01.2			2.3	1940			
	e	PKPab	Z 10:59:38.6			1.2	851			
	e		10:59:50.7							
	e		10:59:55.8							
	e	pPKPab	Z 11:00:19.2							
	e	sPKPab	Z 11:00:35.3							
	e	PP	Z 11:03:18.8							
	e	sPP	Z 11:04:11.6							
	e	PPP	Z 11:06:58.5							
	e	SKKSac	Z 11:10:02.9							
	e	PPS	Z 11:16:38.1							
	e	SS	E 11:22:58.8							
	e	sSS	E 11:24:14.1							
	e	SSS	N 11:29:09.1							
	e	sSSS	E 11:30:11.2							
	e		11:36:15.1							
	e	LR	Z 11:56:03.7							
	e	L	Z 12:10:58.8			22.0	22584		7.0	

IBBN	e PKPdf	Z	10:59:03.0	157.6	12.2			
	e PP	Z	11:03:25.2					
	e SS	T	11:23:10.6					
CLZ	e PKPdf	Z	10:59:01.6	157.6	18.3			
	e PP	Z	11:03:25.0					
	e SS	T	11:23:08.5					
BRG	e PKPdf	Z	10:59:01.3	157.6	27.0			
	e SS	T	11:23:05.5					
GTTN	e PKPdf	Z	10:59:03.6	157.9	17.6			
	e PKPab	Z	10:59:44.2					
	e PP	Z	11:03:25.5					
MOX	e SS	T	11:23:10.5					
	e PKPdf	Z	10:59:02.5	158.4	22.1			
	e PKPab	Z	10:59:44.4					
e PP	Z	11:03:26.8						
WERD	e SS	T	11:23:17.6					
	e PKPdf	Z	10:59:02.1	158.4	23.9			
	e PKPdf	Z	10:59:03.0					
e PP	Z	11:03:27.9						
BUG	e SS	T	11:23:20.5					
	e PKPdf	Z	10:59:03.0	158.5	11.5			
	e PP	Z	11:03:27.9					
e SS	T	11:23:20.5						
MANZ	e PKPdf	Z	10:59:02.9	158.9	23.9			
	e PP	Z	11:03:29.7					
	e SS	T	11:23:23.0					
ROTZ	e PKPdf	Z	10:59:03.0	159.1	24.4			
	e PKPab	Z	10:59:48.7					
	e PP	Z	11:03:30.2					
GRA1	e SS	T	11:23:24.2					
	e PKPdf	Z	10:59:04.0	159.4	22.1			
	e PKPab	Z	10:59:50.5					
e SS	T	11:23:27.3						
GRFO	e		11:45:39.3					
	e PKPab	Z	10:59:49.7	159.4	22.1			
	e L	Z	11:18:29.6					
			20.9			37921	7.2	
WET	e PKPdf	Z	10:59:03.3	159.5	26.6			
	e PP	Z	11:03:32.6					
	e SS	T	11:23:28.5					
TNS	e PKPdf	Z	10:59:03.7	159.5	15.1			
	e PP	Z	11:03:35.1					
	e SS	T	11:23:29.9					
GEC2	e PKPdf	Z	10:59:03.2	159.5	28.9			
	e PKPab	Z	10:59:49.0					
	e SS	T	11:23:26.7					
STU	e PKPdf	Z	10:59:05.0	160.7	18.0			
	e PKPab	Z	10:59:54.4					
	e PP	Z	11:03:41.5					
FUR	e SS	T	11:23:43.3					
	e PKPdf	Z	10:59:05.7	160.8	23.9			
	e PKPab	Z	10:59:54.1					
e PP	Z	11:03:41.2						

BFO e PKPdf Z 10:59:04.9 161.3 16.2
 e PKPab Z 10:59:57.3
 e PP Z 11:03:44.6
 e SS T 11:23:50.1

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/16 15:28:29.5 0.270N 96.530E 34.0 6.5 6.8
 Off west coast of northern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 15:41:04.3	85.1	95.2	1.6	957	6.8		
	e PP	Z 15:44:21.4							
	e S	T 15:51:33.9							
BRG	e P	Z 15:41:04.2	85.1	95.6	1.6	558	6.6		
	e S	T 15:51:35.2							
RUE	e P	Z 15:41:05.3	85.4	95.6	1.2	713	6.8		
	e S	T 15:51:35.1							
WET	e P	Z 15:41:06.9	85.6	94.6	1.6	542	6.4		
	e S	T 15:51:39.4							
CLL	i P	- Z 15:41:06.9	85.7	94.9	1.5	386	6.3		
	e	15:41:12.7							
	e	15:41:18.7							
	e PP	Z 15:44:38.5							
	e SKSac	E 15:51:34.3							
	e S	N 15:51:38.9							
	e PS	E 15:52:41.7							
	e PPS	Z 15:52:58.6							
	e SS	E 15:57:32.3							
	e SSS	N 16:01:04.1							
	e SSSS	N 16:04:00.7							
	e PKPPKPdf	Z 16:07:13.0							
	e LR	Z 16:09:30.4							
	e L	Z 16:27:06.1							
	e L	Z 16:27:06.1							
RGN	e P	Z 15:41:07.9	85.8	95.4	1.6	1095	6.7		6.8
	e S	T 15:51:40.7							
WERD	e P	Z 15:41:09.0	86.1	94.3	1.5	319	6.2		
ROTZ	e P	Z 15:41:09.7	86.1	94.2	1.6	431	6.3		
	e PP	Z 15:44:31.4							
	e S	T 15:51:43.8							
MANZ	e P	Z 15:41:10.2	86.2	94.1	1.5	560	6.5		
	e S	T 15:51:43.6							
GRB3	e PKPPKPdf	Z 16:07:06.4	86.4	93.8					
MOX	e P	Z 15:41:11.3	86.6	93.8	1.7	516	6.4		
	e S	T 15:51:46.0							
FUR	e P	Z 15:41:11.3	86.6	93.4	1.6	402	6.3		
	e S	T 15:51:45.3							

GRA1	e P	Z	15:41:12.7	86.8	93.4	1.5	568	6.5		
	e pP	Z	15:41:22.6							
	e S	T	15:51:50.8							
	e		15:59:54.1							
	e L	Z	16:27:44.8			20.9	36820	6.8		
CLZ	e P	Z	15:41:15.6	87.4	92.9	1.6	688	6.5		
	e S	T	15:51:54.5							
BSEG	e P	Z	15:41:16.3	87.6	92.9	1.4	771	6.9		
UBBA	e P	Z	15:41:16.4	87.6	92.5	2.1	723	6.6		
GTTN	e P	Z	15:41:16.6	87.7	92.5	1.6	656	6.7		
	e PP	Z	15:44:39.8							
STU	e P	Z	15:41:18.4	88.0	91.8	1.8	611	6.6		
	e S	T	15:52:03.1							
TNS	e P	Z	15:41:21.3	88.6	91.3	1.6	596	6.6		
	e PP	Z	15:44:47.4							
	e S	T	15:52:07.5							
BFO	e P	Z	15:41:20.8	88.6	91.2	1.7	375	6.3		
	e PP	Z	15:44:48.1							
	e S	T	15:52:07.0							
HLG	e P	Z	15:41:23.3	89.0	90.9	1.5	760	6.7		
	e S	T	15:52:11.5							
IBBN	e P	Z	15:41:23.4	89.0	90.8	1.2	636	6.7		
	e PP	Z	15:44:50.3							
	e S	T	15:52:10.9							
BUG	e P	Z	15:41:24.7	89.3	90.4	0.9	422	6.7		
	e PP	Z	15:44:53.3							
	e S	T	15:52:14.2							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/16	16:10:26.1	0.739N	98.837E	33.0N	4.9			SZGRF

Northern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 16:23:12.8	87.9	91.3	1.3	9	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/16	16:19:46.0	0.060N	95.900E	33.0N	5.3			SZGRF

Off west coast of northern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 16:32:17.6	84.8	95.9	1.6	62	5.6		
BRG	e P	Z 16:32:17.8	84.9	96.2	1.6	45	5.4		
RUE	e P	Z 16:32:19.0	85.2	96.2	1.0	36	5.6		
WET	e P	Z 16:32:20.2	85.4	95.2	1.5	28	5.3		
CLL	e P	Z 16:32:20.6	85.5	95.5	1.4	24	5.1		

WERD	e P	Z	16:32:22.2	85.9	94.9	1.0	10	4.9
ROTZ	e P	Z	16:32:22.4	85.9	94.8	1.2	15	5.0
MANZ	e P	Z	16:32:23.6	86.0	94.7	1.5	42	5.3
MOX	e P	Z	16:32:24.7	86.3	94.4	1.5	20	5.0
GRA1	e P	Z	16:32:26.1	86.5	94.0	1.0	13	5.0
CLZ	e P	Z	16:32:28.8	87.2	93.5	1.5	45	5.4
BSEG	e P	Z	16:32:29.9	87.4	93.5	1.5	63	5.5
UBBA	e P	Z	16:32:29.9	87.4	93.1	2.1	54	5.3
GTTN	e P	Z	16:32:30.5	87.4	93.1			
TNS	e P	Z	16:32:34.4	88.3	91.9	1.3	23	5.3
BFO	e P	Z	16:32:34.4	88.3	91.8	1.2	10	5.0
IBBN	e P	Z	16:32:37.1	88.8	91.4			
BUG	e P	Z	16:32:38.3	89.1	91.0	1.1	22	5.3

Date Origin Time Lat Long Depth mb Ms ML Source
2006/05/16

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z	21:04:26.9							
	e Sn	E	21:05:35.4							
WET	e Pn	Z	21:04:28.7							
	e Sn	E	21:05:38.7							

Date Origin Time Lat Long Depth mb Ms ML Source
2006/05/16 20:55:49.9
Tonga Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKP	Z	21:15:28.8	147.0	7.4					
CLZ	e PKPdf	Z	21:15:30.4	149.1	7.9					
CLL	i PKPdf	+ Z	21:15:30.8	149.3	12.9	1.2	8			
	i PKPbc	Z	21:15:35.0			0.2	97			
	e PP	Z	21:19:26.4							
	e SS	E	21:38:19.0							
	e SSS	E	21:43:58.0							
	e L	Z	22:19:57.2			22.0	874		5.5	
GTTN	e PKPbc	Z	21:15:35.3	149.4	7.3					
BRG	e PKPbc	Z	21:15:35.8	149.6	14.7					
BUG	e PKPbc	Z	21:15:35.8	149.7	2.3					
MOX	e PKPdf	Z	21:15:32.6	150.2	10.5					
	e PKPbc	Z	21:15:37.3							
WERD	e PKPdf	Z	21:15:32.7	150.3	11.9					
	e PKPbc	Z	21:15:37.9							
MANZ	e PKPdf	Z	21:15:34.0	150.8	11.7					
	e PKPbc	Z	21:15:38.4							

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TNS	e PKPdf	Z	21:15:34.1	150.9	4.7						
	e PKPbc	Z	21:15:38.6								
ROTZ	e PKPdf	Z	21:15:34.1	151.0	12.0						
	e PKPbc	Z	21:15:38.9								
GRA1	e PKPdf	Z	21:15:34.6	151.1	10.1						
	e PKPbc	Z	21:15:39.8								
	e L	Z	22:29:05.3			20.1	1061		5.6		
WET	e PKPdf	Z	21:15:33.6	151.5	13.5						
	e PKPbc	Z	21:15:40.0								
GEC2	e PKPdf	Z	21:15:33.9	151.6	15.2						
	e PKPbc	Z	21:15:40.5								
STU	e PKPbc	Z	21:15:42.4	152.3	6.4						
FUR	e PKPbc	Z	21:15:43.0	152.6	10.7						
	e PKPab	Z	21:15:53.5								
BFO	e PKPdf	Z	21:15:36.0	152.7	4.7						
	e PKPbc	Z	21:15:43.3								
	e PKPab	Z	21:15:54.1								

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/16	21:12:17.9	0.807S	97.797E	32.0	4.8			SZGRF
Southwest of Sumatera, Indonesia								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 21:25:06.9	88.4	93.1	0.9	4	4.8		
	e pP	Z 21:25:16.3							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/16	23:09:57.3	15.790S	171.971W	50.0N				SZGRF
Samoa Islands region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
TNS	e PKPbc	Z 23:29:28.5	145.6	0.7					
MANZ	e PKPbc	Z 23:29:28.9	145.6	7.0					
ROTZ	e PKPbc	Z 23:29:29.2	145.9	7.2					
GRA1	e PKPbc	Z 23:29:30.6	146.0	5.5					
WET	e PKPbc	Z 23:29:31.4	146.4	8.5					
BFO	e PKPbc	Z 23:29:34.7	147.5	0.5					
FUR	e PKPbc	Z 23:29:35.5	147.5	5.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/17	01:02:59.3	59.275N	166.527E	33.0N	4.3			SZGRF
Eastern Siberia, Russia								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	01:14:03.1	69.2	13.2	1.0	2	4.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/17	03:06:20.4	20.590S	171.750W	33.0N		5.9		SZGRF

Tonga Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	03:25:58.7	146.6	3.5					
	e SS	T	03:48:19.5							
RUE	e PKPpdf	Z	03:25:59.3	147.8	9.8					
	e PKPbc	Z	03:26:02.0							
	e SS	T	03:48:35.5							
IBBN	e PKPbc	Z	03:26:03.8	148.3	359.1					
	e SS	T	03:48:41.4							
CLZ	e PKPpdf	Z	03:26:00.7	148.7	3.8					
	e PKPbc	Z	03:26:04.7							
	e SS	T	03:48:42.1							
GTTN	e PKPpdf	Z	03:26:01.2	149.0	3.1					
	e PKPbc	Z	03:26:05.5							
CLL	e PKPpdf	Z	03:26:00.9	149.1	8.7	1.7	28			
	e PKPbc	Z	03:26:04.2			1.5	172			
	e pPKP	Z	03:26:18.8							
	e PP	Z	03:29:53.6							
	e PPP	Z	03:32:47.4							
	e PSKS	N	03:39:48.7							
	e SS	E	03:48:41.6							
	e SSS	E	03:54:27.8							
	e L	Z	04:30:38.1			22.0	2422		5.9	
BUG	e PKPpdf	Z	03:26:01.6	149.1	358.2					
	e PKPbc	Z	03:26:05.7							
	e SS	T	03:48:50.0							
BRG	e PKPpdf	Z	03:26:01.3	149.4	10.5					
	e PKPbc	Z	03:26:05.9							
	e SS	T	03:48:55.5							
MOX	e PKPpdf	Z	03:26:02.4	149.8	6.3					
	e PKPbc	Z	03:26:07.1							
	e SS	T	03:48:53.5							
WERD	e PKPpdf	Z	03:26:02.0	150.0	7.6					
	e PKPbc	Z	03:26:07.4							
TNS	e PKPbc	Z	03:26:08.7	150.4	0.4					
	e SS	T	03:49:04.2							
MANZ	e PKPpdf	Z	03:26:03.1	150.4	7.3					
	e PKPbc	Z	03:26:08.6							
ROTZ	e PKPbc	Z	03:26:09.1	150.7	7.6					
	e SS	T	03:49:02.3							
GRA1	e PKPpdf	Z	03:26:04.1	150.8	5.7					

	e PKPbc	Z	03:26:09.4								
	e SS	T	03:49:06.1								
	e L	Z	04:39:21.4			19.9	2085	5.9			
WET	e PKPdf	Z	03:26:04.5	151.2	9.0						
	e PKPbc	Z	03:26:10.4								
	e SS	T	03:49:10.7								
GEC2	e PKPdf	Z	03:26:04.2	151.4	10.7						
	e PKPbc	Z	03:26:10.6								
	e SS	T	03:49:17.3								
STU	e PKPdf	Z	03:26:05.7	151.8	1.9						
	e PKPbc	Z	03:26:12.1								
	e SS	T	03:49:22.6								
BFO	e PKPdf	Z	03:26:05.9	152.3	0.2						
	e PKPbc	Z	03:26:12.9								
FUR	e PKPdf	Z	03:26:06.7	152.3	6.1						
	e PKPbc	Z	03:26:12.9								

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/17

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
 GRA1 e PKP Z 03:47:01.3

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/17 05:23:49.5 22.910S 176.440W 228.2
 South of Fiji Islands SZGRF

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
 BSEG e PKPbc Z 05:43:08.8 148.6 12.0
 RUE e PKPbc Z 05:43:11.1 149.4 18.7
 IBBN e PKPbc Z 05:43:13.8 150.4 7.9
 CLZ e PKPdf Z 05:43:09.6 150.6 12.9
 e PKPbc Z 05:43:14.4
 e pPKPbc Z 05:44:12.3
 CLL e PKPbc Z 05:43:14.2 150.7 18.0
 e pPKPbc Z 05:44:12.2
 BRG e PKPbc Z 05:43:14.8 150.9 20.0
 e pPKPbc Z 05:44:13.0
 GTTN e PKPbc Z 05:43:15.1 150.9 12.2
 BUG e PKPbc Z 05:43:15.9 151.3 7.1
 MOX e PKPbc Z 05:43:16.2 151.6 15.7
 WERD e PKPdf Z 05:43:10.9 151.6 17.1
 e PKPbc Z 05:43:16.7
 e pPKPbc Z 05:44:14.7
 UBBA e PKPbc Z 05:43:16.1 151.6 12.6

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MANZ	e PKPdf	Z	05:43:11.9	152.1	17.0
	e PKPbc	Z	05:43:17.9		
	e pPKPbc	Z	05:44:16.0		
ROTZ	e PKPbc	Z	05:43:18.2	152.3	17.3
TNS	e PKPdf	Z	05:43:12.2	152.4	9.8
	e PKPbc	Z	05:43:18.4		
GRA1	e PKPbc	Z	05:43:18.8	152.5	15.5
	e pPKPbc	Z	05:44:17.6		
WET	e PKPdf	Z	05:43:12.9	152.8	19.0
	e PKPbc	Z	05:43:19.2		
GEC2	e PKPdf	Z	05:43:12.9	152.9	20.8
	e PKPbc	Z	05:43:19.3		
STU	e PKPdf	Z	05:43:14.2	153.8	11.8
	e PKPbc	Z	05:43:21.6		
BFO	e PKPdf	Z	05:43:14.7	154.3	10.2
	e PKPbc	Z	05:43:22.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/17	06:46:40.5	5.901N	94.895E	33.0G	4.7			SZGRF
Andaman Islands, India, region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 06:58:22.3	79.7	93.3	0.9	7	4.7		
GEC2	e P	Z 06:58:22.6	79.8	92.7	1.1	8	4.8		
WET	e P	Z 06:58:25.8	80.3	92.2					
WERD	e P	Z 06:58:28.3	80.7	91.9	1.1	5	4.5		
ROTZ	e P	Z 06:58:28.7	80.8	91.8	0.9	5	4.7		
MANZ	e P	Z 06:58:29.3	80.8	91.7	1.4	12	4.8		
MOX	e P	Z 06:58:31.1	81.2	91.4	1.4	9	4.7		
GRA1	e P	Z 06:58:32.3	81.4	91.0	0.9	6	4.7		
CLZ	e P	Z 06:58:34.4	82.0	90.6	0.8	4	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/17	08:41:12.8	20.500S	174.100W	21.0N				NEIC
Tonga Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 09:01:05.3	150.5	10.2					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/17	09:22:1.9	32.700S	178.500W	38.8				GSRC
South of Kermadec Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKPab	Z 09:42:43.2	161.5	26.7					
	e pPKPab	Z 09:42:54.6							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/17	21:57:57.6	18.980S	173.240W	33.0G		5.6		SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 22:17:29.9	144.9	5.9					
RUE	e PKPbc	Z 22:17:33.2	146.1	11.9					
IBBN	e PKPbc	Z 22:17:35.4	146.7	1.7					
CLZ	e PKPbc	Z 22:17:36.1	147.0	6.3					
CLL	e PKPdf	Z 22:17:33.6	147.3	11.0	1.3	8			
	e PKPbc	Z 22:17:36.8			0.9	39			
	e PP	Z 22:21:11.6							
	e PPP	Z 22:24:28.2							
	e SS	E 22:40:25.1							
	e SSS	N 22:46:00.6							
	e LR	Z 23:10:28.4							
	e L	Z 23:22:12.8			22.0	990		5.6	
GTTN	e PKPbc	Z 22:17:37.7	147.3	5.6					
BUG	e PKPbc	Z 22:17:38.5	147.5	0.9					
BRG	e PKPbc	Z 22:17:38.6	147.6	12.7					
UBBA	e PKPbc	Z 22:17:39.7	148.1	5.8					
MOX	e PKPbc	Z 22:17:40.1	148.1	8.7					
WERD	e PKPbc	Z 22:17:40.8	148.2	10.0					
MANZ	e PKPbc	Z 22:17:42.1	148.7	9.8					
TNS	e PKPbc	Z 22:17:42.0	148.7	3.1					
ROTZ	e PKPbc	Z 22:17:42.2	148.9	10.0					
GRA1	e PKPdf	Z 22:17:38.3	149.1	8.2					
	e PKPbc	Z 22:17:43.0							
	e PP	Z 22:21:16.9							
	e L	Z 23:30:55.1			19.7	1031		5.6	
WET	e PKPbc	Z 22:17:43.4	149.4	11.4					
GEC2	e PKPdf	Z 22:17:39.0	149.6	13.1					
	e PKPbc	Z 22:17:43.3							
STU	e PKPbc	Z 22:17:45.0	150.1	4.6					
FUR	e PKPbc	Z 22:17:46.0	150.6	8.7					
BFO	e PKPdf	Z 22:17:40.5	150.6	3.0					
	e PKPbc	Z 22:17:46.1							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/18	01:01:39.6	1.641S	97.238E	33.0N	5.1			SZGRF

Southwest of Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	01:14:21.8	87.0	96.0					
BRG	e P	Z	01:14:22.1	87.1	96.2					
WET	e P	Z	01:14:24.6	87.6	95.3					
TANN	e P	Z	01:14:26.3	87.9	95.1					
ROTZ	e P	Z	01:14:27.0	88.0	94.9					
MOX	e P	Z	01:14:28.9	88.5	94.4					
GRA1	e P	Z	01:14:29.9	88.7	94.1	1.4	14	5.0		
CLZ	e P	Z	01:14:32.8	89.4	93.5	1.5	17	5.1		
BSEG	e P	Z	01:14:33.5	89.5	93.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/18	14:55:55.3	17.325S	177.522W	33.0N				SZGRF
Fiji Islands region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	15:15:21.0	142.9	12.5					
IBBN	e PKPbc	Z	15:15:27.8	144.8	8.8					
CLZ	e PKPbc	Z	15:15:27.9	144.9	13.2					
CLL	e PKPbc	Z	15:15:27.9	145.0	17.7					
BRG	e PKPbc	Z	15:15:28.7	145.2	19.4					
BUG	e PKPbc	Z	15:15:30.2	145.7	8.1					
MOX	e PKPbc	Z	15:15:30.7	145.9	15.7					
WERD	e PKPbc	Z	15:15:30.7	146.0	16.9					
MANZ	e PKPbc	Z	15:15:32.5	146.4	16.8					
ROTZ	e PKPbc	Z	15:15:32.8	146.6	17.1					
TNS	e PKPbc	Z	15:15:33.3	146.8	10.4					
	e PKPab	Z	15:15:35.7							
GRA1	e PKPbc	Z	15:15:33.8	146.9	15.4					
	e PKPab	Z	15:15:36.4							
WET	e PKPbc	Z	15:15:34.1	147.1	18.5					
GEC2	e PKPbc	Z	15:15:34.2	147.2	20.1					
WLF	e PKPbc	Z	15:15:35.8	147.5	6.5					
STU	e PKPab	Z	15:15:41.4	148.1	12.2					
FUR	e PKPbc	Z	15:15:37.3	148.3	16.1					
	e PKPab	Z	15:15:42.5							
BFO	e PKPbc	Z	15:15:38.2	148.6	10.8					
	e PKPab	Z	15:15:43.3							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/18	19:30:16.6	58.807N	169.695E	33.0N	5.2			SZGRF
Bering Sea								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
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GRA1	e P	Z	19:41:25.8	70.1	11.7	1.4	26	5.2
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Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/18	23:04:48.9	55.890N	163.450E	10.0G	5.5	5.3		SZGRF

Off east coast of Kamchatka Peninsula, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	23:15:50.8	68.0	15.9	1.2	41	5.5		
IBBN	e P	Z	23:16:02.6	70.0	14.2					
CLZ	e P	Z	23:16:03.3	70.0	15.7	1.2	56	5.6		
CLL	e P	Z	23:16:03.3	70.0	17.1	1.2	62	5.6		
	e		23:16:07.4							
	e sP	Z	23:16:16.7							
	e S	N	23:25:24.4							
	e SS	N	23:29:59.3							
	e SSS	E	23:33:20.5							
	e LR	Z	23:40:02.7							
	e L	Z	23:47:07.9			22.0	2972		5.5	
BRG	e P	Z	23:16:04.3	70.3	17.6	1.2	31	5.3		
BUG	e P	Z	23:16:07.9	70.9	13.9					
MOX	e P	Z	23:16:08.8	70.9	16.3	1.1	36	5.4		
TANN	e P	Z	23:16:09.3	71.0	16.7					
UBBA	e P	Z	23:16:09.1	71.0	15.4					
ROTZ	e P	Z	23:16:13.7	71.7	16.5					
TNS	e P	Z	23:16:14.6	71.9	14.4	1.5	36	5.3		
GRA1	e P	Z	23:16:14.9	71.9	16.0	1.4	97	5.7		
	e		23:16:19.4							
	e		23:16:28.5							
	e L	Z	23:49:20.6			22.0	1910		5.3	
WET	e P	Z	23:16:16.2	72.1	16.8	1.3	53	5.5		
WLF	e P	Z	23:16:20.0	72.8	13.1					
STU	e P	Z	23:16:21.8	73.2	14.7					
FUR	e P	Z	23:16:23.5	73.4	15.9	1.3	62	5.5		
BFO	e P	Z	23:16:24.9	73.7	14.2	1.3	48	5.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/19	04:17: 7.5	44.607N	17.799E	10.0G			3.4	SZGRF

Northwestern Balkan Peninsula

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
OBKA	e Pn	Z	04:17:53.6	3.0	128.7					3.6
ARSA	e Pn	Z	04:17:56.4	3.1	148.3					2.9
	e Sn	E	04:18:30.0							
KBA	e Pn	Z	04:18:08.1	4.0	126.9					3.2
MOA	e Pn	Z	04:18:10.2	4.1	141.7					3.5

	e Sn	E	04:18:56.6						
WTTA	e Pn	Z	04:18:23.0	5.0	119.6				3.7
GEC2	e Pn	Z	04:18:23.8	5.1	145.0				3.4
	e Sn	E	04:19:21.9						
WET	e Sn	N	04:19:34.7	5.6	141.6				3.5

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/19 14:44:27.6 0.363S 124.828E 62.0G 5.8 NEIC
 Southern Molucca Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e Pdiff	Z	14:58:20.1	102.9	73.2					
BRG	e Pdiff	Z	14:58:20.6	103.3	73.7					
CLL	i Pdiff	- Z	14:58:23.6	103.7	72.9	1.6	45			
	e PP	Z	15:02:36.5							
	e PPP	Z	15:04:52.0							
	e SKSac	E	15:08:57.5							
	e Sdiff	N	15:10:03.9							
	e PS	N	15:11:46.2							
	e PPS	E	15:12:40.7							
	e SS	N	15:17:22.7							
	e SSS	E	15:21:37.6							
	e L	Z	15:53:15.4			22.0	3643		5.9	
GEC2	e Pdiff	Z	14:58:24.6	104.0	74.0					
WERD	e Pdiff	Z	14:58:24.9	104.4	72.5					
WET	e Pdiff	Z	14:58:26.9	104.4	73.3					
	e PP	Z	15:02:43.5							
BSEG	e Pdiff	Z	14:58:27.4	104.4	70.0					
	e PP	Z	15:02:45.0							
MANZ	e Pdiff	Z	14:58:26.8	104.7	72.4					
ROTZ	e Pdiff	Z	14:58:27.5	104.7	72.6					
	e PP	Z	15:02:47.1							
MOX	e Pdiff	Z	14:58:28.1	104.8	71.9					
	e PP	Z	15:02:49.6							
CLZ	e Pdiff	Z	14:58:19.4	105.1	70.5					
	e PP	Z	15:02:50.2							
GRA1	e Pdiff	Z	14:58:30.6	105.3	71.8					
	e PP	Z	15:02:53.4							
	e Sdiff	N	15:10:26.1							
	e SS	N	15:17:51.7							
	e L	Z	15:55:46.0			21.8	3095		5.8	
UBBA	e Pdiff	Z	14:58:32.7	105.7	70.5					
	e PP	Z	15:02:55.9							
FUR	e Pdiff	Z	14:58:31.0	105.7	72.2					
TNS	e Pdiff	Z	14:58:38.7	106.8	69.4					
	e PP	Z	15:03:03.7							
STU	e PP	Z	15:03:05.2	106.9	70.4					

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BFO	e PP	Z	15:03:10.3	107.5	69.8
WLF	e PP	Z	15:03:16.3	108.4	67.6

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/19								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 22:09:55.4							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/19	23:01:56.4	42.664N	36.106E	30.0G	4.2			BUC
Black Sea								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WET	e P	Z 23:05:58.1	17.3	103.2	1.4	12	3.8		
CLL	e P	Z 23:06:06.2	17.9	109.9	0.8	6	3.8		
ROTZ	e P	Z 23:06:06.9	17.9	104.2	2.1	21	3.9		
GRA1	e P	Z 23:06:12.9	18.5	102.8	1.7	48	4.5		
UBBA	e P	Z 23:06:24.9	19.5	104.5	1.9	37	4.3		
CLZ	e P	Z 23:06:26.9	19.6	107.7	1.4	21	4.2		
BFO	e P	Z 23:06:27.1	20.2	95.9					
BSEG	e P	Z 23:06:33.6	20.3	113.1	0.9	16	4.2		
TNS	e P	Z 23:06:33.4	20.4	101.1	0.9	16	4.3		
WLF	e P	Z 23:06:46.7	21.7	97.3	1.1	18	4.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/20	04:58: 6.3	34.993N	141.043E	33.0N	5.0			SZGRF
Off east coast of Honshu, Japan								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 05:10:35.7	84.4	39.2	1.0	10	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/20	06:23:59.6	72.643N	7.601W	33.0N	4.4			SZGRF
Jan Mayen Island region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 06:29:15.5	24.4	346.5	0.9	8	4.4		

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Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
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2006/05/20

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
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GRA1	e PKP	Z 07:15:51.1							
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Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
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2006/05/20 07:33:45.3
Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
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BSEG	e PKPbc	Z 07:53:22.7	147.4	6.6					
RUE	e PKPbc	Z 07:53:25.6	148.5	13.0					
IBBN	e PKPbc	Z 07:53:27.5	149.2	2.3					
CLZ	e PKPbc	Z 07:53:28.9	149.5	7.1					
CLL	e PKPbc	Z 07:53:29.0	149.8	12.1					
BUG	e PKPbc	Z 07:53:29.6	150.1	1.4					
BRG	e PKPbc	Z 07:53:29.9	150.1	14.0					
MOX	e PKPbc	Z 07:53:32.1	150.6	9.7					
WERD	e PKPbc	Z 07:53:31.5	150.7	11.1					
MANZ	e PKPbc	Z 07:53:32.9	151.2	10.9					
ROTZ	e PKPbc	Z 07:53:33.3	151.4	11.1					
GRA1	e PKPbc	Z 07:53:34.6	151.6	9.3					
	e pPKPbc	Z 07:53:49.4							
WLF	e PKPbc	Z 07:53:34.6	151.8	359.3					
GEC2	e PKPbc	Z 07:53:34.6	152.1	14.4					
STU	e PKPbc	Z 07:53:35.9	152.6	5.5					
FUR	e PKPbc	Z 07:53:36.7	153.1	9.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
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2006/05/20 16:45:20.2
Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
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CLL	e PKPbc	Z 17:05:04.1	148.9	14.9					
BRG	e PKPbc	Z 17:05:05.9	149.2	16.8					
MOX	e PKPbc	Z 17:05:06.7	149.8	12.7					
MANZ	e PKPbc	Z 17:05:08.9	150.3	13.8					
TNS	e PKPbc	Z 17:05:09.2	150.5	6.9					
ROTZ	e PKPbc	Z 17:05:09.1	150.5	14.1					
GRA1	e PKPbc	Z 17:05:09.1	150.7	12.3					
GEC2	e PKPbc	Z 17:05:10.2	151.1	17.4					
BFO	e PKPbc	Z 17:05:13.4	152.4	7.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/21	02:07:48.3	2.043N	84.777W	33.0N	5.2	5.9		SZGRF

Off coast of central America

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BUG	e PS	R	02:32:34.3	89.7	272.9					
TNS	e PS	R	02:32:46.9	90.5	273.8					
BFO	e PS	R	02:32:47.9	90.5	273.7					
STU	e PS	R	02:32:53.1	91.1	274.3					
BSEG	e PS	R	02:32:57.5	91.3	275.3					
UBBA	e PS	R	02:32:56.7	91.4	275.0					
CLZ	e PS	R	02:33:00.2	91.6	275.3					
GRA1	e P	Z	02:20:55.8	92.3	275.9	1.9	18	5.2		
	e S	T	02:32:03.6							
	e PS	R	02:33:08.6							
	e SS	R	02:38:29.4							
	e L	Z	02:56:28.1			21.7	4919		5.9	
MOX	e PS	R	02:33:06.3	92.5	276.2					
FUR	e PS	R	02:33:10.3	92.5	275.9					
MANZ	e PS	R	02:33:12.5	92.8	276.6					
ROTZ	e PS	R	02:33:15.4	92.9	276.7					
CLL	e P	Z	02:20:56.0	93.3	277.4	1.9	23	5.2		
	e PP	Z	02:24:39.3							
	e SKSac	N	02:31:30.1							
	e S	E	02:32:05.5							
	e PS	E	02:33:18.0							
	e SS	E	02:38:35.6							
	e SSS	E	02:42:08.2							
	e LR	Z	02:51:31.2							
	e L	Z	02:56:23.5			22.0	4657		5.9	
WET	e PS	R	02:33:20.8	93.4	277.1					
RUE	e PS	R	02:33:21.0	93.6	278.0					
BRG	e PS	R	02:33:24.3	93.9	278.1					
GEC2	e PS	R	02:33:22.6	94.0	277.7					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/21	03:48:38.8	37.620N	41.460E	10.0G	5.0			SZGRF

Turkey

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	03:53:44.5	22.9	108.9	1.2	24	4.6		
BRG	e P	Z	03:53:49.8	23.5	113.6	1.2	35	4.7		
WET	e P	Z	03:53:49.8	23.6	108.5	1.4	46	4.8		
ROTZ	e P	Z	03:53:56.8	24.2	109.0	1.9	170	5.2		
CLL	e P	Z	03:53:56.2	24.2	113.2	1.0	66	5.1		
FUR	e P	Z	03:53:56.8	24.3	104.5	0.9	161	5.5		

MANZ	e P	Z	03:53:58.1	24.3	109.3	1.2	34	4.7
RUE	e P	Z	03:53:56.9	24.3	116.6	1.3	106	5.2
WERD	e P	Z	03:53:57.6	24.3	110.5	1.5	34	4.7
GRA1	e P	Z	03:54:01.8	24.7	107.7	1.0	161	5.7
MOX	e P	Z	03:54:02.8	24.8	110.1	1.2	21	4.7
STU	e P	Z	03:54:09.7	25.8	103.5	1.2	52	5.0
UBBA	e P	Z	03:54:12.3	25.8	108.5	1.5	21	4.6
CLZ	e P	Z	03:54:11.8	26.0	110.9	1.0	36	5.0
TNS	e P	Z	03:54:18.3	26.6	105.5	1.3	56	5.1
BSEG	e P	Z	03:54:19.8	26.8	114.7	1.1	47	5.1
IBBN	e P	Z	03:54:27.8	27.6	108.6	2.5	324	5.7

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/21								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKPab	Z 05:03:56.7							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/21	07:22:38.5	39.426N	143.090E	33.0N	4.9			SZGRF
Off east coast of Honshu, Japan								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 07:34:52.1	81.3	35.6	0.9	8	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/22								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z 01:08:31.6							
	e Sn	E 01:08:49.7							
WET	e Pn	Z 01:08:34.0							
	e Sn	E 01:08:53.1							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/22	03:57:49.5	20.410S	175.411W	33.0G				SZGRF
Tonga Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 04:17:26.7	146.2	9.7					
RUE	e PKPbc	Z 04:17:28.6	147.2	16.0					

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IBBN	e	PKPbc	Z	04:17:31.7	148.0	5.6
CLZ	e	PKPbc	Z	04:17:32.8	148.2	10.3
CLL	e	PKPbc	Z	04:17:32.6	148.4	15.2
GTTN	e	PKPbc	Z	04:17:33.1	148.6	9.7
	e	PKPab	Z	04:17:37.7		
BRG	e	PKPbc	Z	04:17:33.7	148.7	17.0
BUG	e	PKPbc	Z	04:17:34.2	148.9	4.9
MOX	e	PKPbc	Z	04:17:34.7	149.3	13.0
	e	PKPab	Z	04:17:39.6		
UBBA	e	PKPbc	Z	04:17:34.7	149.3	10.0
WERD	e	PKPbc	Z	04:17:34.9	149.3	14.3
	e	PKPab	Z	04:17:40.9		
MANZ	e	PKPbc	Z	04:17:36.6	149.8	14.1
ROTZ	e	PKPbc	Z	04:17:36.4	150.0	14.4
	e	PKPab	Z	04:17:43.4		
TNS	e	PKPbc	Z	04:17:36.5	150.0	7.3
GRA1	e	PKPbc	Z	04:17:37.1	150.2	12.6
	e	PKPab	Z	04:17:45.0		
WET	e	PKPbc	Z	04:17:38.4	150.5	15.9
GEC2	e	PKPbc	Z	04:17:37.9	150.6	17.6
FUR	e	PKPbc	Z	04:17:40.6	151.7	13.3
BFO	e	PKPbc	Z	04:17:41.4	151.9	7.5

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/22	10:44:15.1	21.220S	173.950W	33.0N				SZGRF
Tonga Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPbc	Z 11:03:53.9	147.1	7.3					
IBBN	e	PKPbc	Z 11:03:59.8	148.9	3.1					
CLZ	e	PKPbc	Z 11:04:00.4	149.2	7.9					
CLL	e	PKPbc	Z 11:04:00.6	149.4	12.8					
BRG	e	PKPbc	Z 11:04:01.6	149.7	14.7					
MOX	e	PKPbc	Z 11:04:03.0	150.3	10.5					
WERD	e	PKPbc	Z 11:04:03.5	150.4	11.9					
MANZ	e	PKPbc	Z 11:04:04.8	150.8	11.6					
TNS	e	PKPbc	Z 11:04:04.1	150.9	4.6					
ROTZ	e	PKPbc	Z 11:04:04.5	151.0	11.9					
GRA1	e	PKPbc	Z 11:04:05.7	151.2	10.1					
GEC2	e	PKPbc	Z 11:04:06.1	151.7	15.2					
BFO	e	PKPbc	Z 11:04:09.0	152.8	4.7					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/22	11:12:1.1	60.670N	164.940E	33.0N	6.0	6.8		SZGRF
Eastern Siberia, Russia								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	11:22:31.7	63.6	13.6	1.1	119	6.0		
	e P	Z	11:24:45.7							
	e S	T	11:31:10.8							
HLG	e S	T	11:31:11.1	63.7	12.3					
RUE	e P	Z	11:22:37.2	64.5	15.2	1.2	174	6.2		
	e S	T	11:31:19.7							
IBBN	e P	Z	11:22:44.2	65.6	12.0	1.1	273	6.4		
CLZ	e P	Z	11:22:45.0	65.7	13.3	1.2	248	6.3		
	e S	T	11:31:35.2							
CLL	i P	+ Z	11:22:45.9	65.8	14.6	1.2	165	6.1		
	e Pmax	Z	11:22:53.5			3.3	1287			
	e PcP	Z	11:23:18.2							
	e PP	Z	11:25:18.0							
	e PPP	Z	11:26:50.0							
	e S	E	11:31:35.7							
	e SS	E	11:35:48.0							
	e SSS	E	11:39:08.1							
	e PKPPKPdf	Z	11:51:21.6							
	e L	Z	11:51:30.6			20.0	72695		6.9	
	GTTN	e P	Z	11:22:47.0	66.0	13.1	1.1	67	5.8	
BRG	e P	Z	11:22:46.8	66.0	15.1	1.3	86	5.8		
	e S	T	11:31:37.7							
BUG	e P	Z	11:22:49.7	66.5	11.7	1.2	178	6.2		
	e S	T	11:31:45.3							
MOX	e P	Z	11:22:50.9	66.6	13.9	1.3	113	5.9		
UBBA	e P	Z	11:22:51.3	66.7	13.1	1.6	97	5.8		
	e S	T	11:31:46.4							
WERD	e P	Z	11:22:51.6	66.7	14.2	1.2	131	6.0		
MANZ	e P	Z	11:22:54.6	67.2	14.0	1.2	72	5.8		
	e S	T	11:31:53.0							
ROTZ	e P	Z	11:22:56.1	67.4	14.1	1.3	104	5.9		
	e S	T	11:31:55.3							
TNS	e P	Z	11:22:56.5	67.5	12.2	1.2	88	5.9		
	e S	T	11:31:57.4							
GRA3	e PKPPKpbc	Z	11:51:17.5	67.5	13.6					
GRA1	e P	Z	11:22:57.6	67.6	13.6	1.4	182	6.1		
	e S	T	11:31:58.7							
	e L	Z	11:54:57.7			20.1	58756		6.8	
WET	e P	Z	11:22:59.3	67.9	14.3	1.2	125	6.0		
	e S	T	11:32:02.1							
GEC2	e P	Z	11:23:00.0	68.0	14.7	1.3	94	5.9		
	e S	T	11:32:02.8							
WLF	e P	Z	11:23:01.9	68.3	11.0	1.2	135	6.1		
	e S	T	11:32:07.9							
STU	e P	Z	11:23:04.4	68.8	12.5	1.1	68	5.8		
	e S	T	11:32:12.2							
FUR	e P	Z	11:23:06.5	69.1	13.5					

	e S	T	11:32:16.1							
BFO	e P	Z	11:23:07.8	69.4	12.0	1.2		91	5.8	
	e S	T	11:32:17.8							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/22	13:03:13.4	60.708N	166.216E	33.0N	5.2			SZGRF

Eastern Siberia, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 13:14:08.3	67.8	12.9	0.9	16	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/22	13:08: 6.0	54.540N	158.050E	209.7	6.9			SZGRF

Kamchatka Peninsula, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 13:18:46.8	68.3	19.5					
RUE	e P	Z 13:18:50.5	69.0	21.3	1.6	2959	7.2		
CLL	i P	- Z 13:18:58.0	70.2	20.7	1.5	2188	7.1		
	e pP	Z 13:19:45.4							
	e sP	Z 13:20:06.8							
	e PP	Z 13:21:37.7							
	e PPPP	Z 13:24:23.1							
	e S	E 13:27:56.5							
	e SKSac	N 13:28:50.7							
	e SS	N 13:32:34.1							
	e LR	Z 13:42:02.1							
	e L	Z 13:56:24.4			18.0	3334		5.6	
CLZ	e P	Z 13:18:58.9	70.3	19.2					
IBBN	e P	Z 13:18:58.9	70.3	17.8	1.7	2565	7.1		
BRG	e P	Z 13:18:59.0	70.4	21.2	1.5	1019	6.7		
GTTN	e P	Z 13:19:00.8	70.6	19.0	1.6	1207	6.8		
MOX	e P	Z 13:19:03.7	71.1	19.8	1.6	1448	6.9		
WERD	e P	Z 13:19:04.0	71.2	20.2	1.5	1463	6.9		
BUG	e P	Z 13:19:04.2	71.3	17.4	1.7	2258	7.0		
UBBA	e P	Z 13:19:04.7	71.3	18.9	1.6	1737	6.9		
MANZ	e P	Z 13:19:06.9	71.7	20.0	1.6	919	6.7		
ROTZ	e P	Z 13:19:08.3	71.8	20.0	1.5	1266	6.8		
GRA1	e P	Z 13:19:10.0	72.1	19.5	1.6	2637	7.1		
	e pP	Z 13:19:59.5							
TNS	e P	Z 13:19:10.0	72.2	18.0	1.7	1781	6.9		
WET	e P	Z 13:19:10.8	72.3	20.4	1.6	1771	6.8		
GEC2	e P	Z 13:19:10.9	72.4	20.8	1.6	1017	6.6		
WLF	e P	Z 13:19:16.1	73.2	16.6	1.8	1404	6.7		
STU	e P	Z 13:19:16.9	73.4	18.2	1.6	1266	6.7		

FUR	e P	Z	13:19:18.0	73.6	19.4	1.6	1735	6.8
BFO	e P	Z	13:19:20.3	74.0	17.7	1.6	1171	6.7

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/22	15:16:21.0	30.190N	131.178E	33.0N	4.8			SZGRF

Kyushu, Japan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 15:28:48.5	84.0	48.9	0.9	5	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/22	19:16:18.0	1.738N	98.704E	33.0N	5.0			SZGRF

Northern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 19:29:00.6	87.0	90.8	1.1	13	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/22	20:53:55.1	5.100S	126.700E	10.0N		5.7		GSRC

Banda Sea

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e Pdiff	Z 21:08:23.4	108.7	74.3	2.6	62			
	e PP	Z 21:12:57.9							
	e SKSac	E 21:19:06.8							
	e Sdiff	N 21:20:26.3							
	e SP	Z 21:22:17.6							
	e PPS	E 21:23:20.4							
	e SS	N 21:28:25.9							
	e LR	Z 21:46:55.1							
	e L	Z 22:05:23.5							
	e L	Z 22:05:23.5							
GRA1	e PP	Z 21:13:01.1	110.2	73.3		2999		5.8	
	e L	Z 22:01:21.3							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/23	07:24:27.7	30.388S	12.815W	22.2	5.1			SZGRF

Southern Mid-Atlantic Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 07:36:49.5	82.9	200.7	1.1	14	5.1		
	e pP	Z 07:36:55.9							

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e PKPab	Z 07:09:02.2							
BRG	e PKPab	Z 07:08:46.6							
BSEG	e PKPab	Z 07:08:37.5							
CLL	e PKPab	Z 07:08:45.9							
CLZ	e PKPab	Z 07:08:46.6							
GRA1	e PKPab	Z 07:08:54.1							
IBBN	e PKPab	Z 07:08:46.3							
MOX	e PKPab	Z 07:08:50.0							
ROTZ	e PKPab	Z 07:08:53.6							
TNS	e PKPab	Z 07:08:54.4							
UBBA	e PKPab	Z 07:08:50.7							
WET	e PKPab	Z 07:08:54.9							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/24	09:10:26.0	20.125S	170.117E	33.0N				SZGRF

Vanuatu Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKPbc	Z 09:29:54.5	144.0	40.2					
CLL	e PKPbc	Z 09:29:54.7	144.0	38.4					
CLZ	e PKPbc	Z 09:29:56.9	144.6	34.1					
TANN	e PKPbc	Z 09:29:58.1	144.9	38.4					
IBBN	e PKPbc	Z 09:29:59.1	145.0	29.8					
MOX	e PKPbc	Z 09:29:58.5	145.1	37.0					
UBBA	e PKPbc	Z 09:30:00.0	145.5	34.4					
ROTZ	e PKPbc	Z 09:30:00.4	145.5	38.6					
GEC2	e PKPbc	Z 09:30:00.3	145.6	41.7					
WET	e PKPbc	Z 09:30:00.9	145.8	40.2					
BUG	e PKPbc	Z 09:30:01.1	145.9	29.6					
GRA1	e PKPbc	Z 09:30:01.9	146.0	37.2					
TNS	e PKPbc	Z 09:30:03.7	146.6	32.4					
FUR	e PKPbc	Z 09:30:05.2	147.2	38.7					
STU	e PKPbc	Z 09:30:06.3	147.5	34.9					
WLF	e PKPbc	Z 09:30:07.5	147.8	29.1					
BFO	e PKPbc	Z 09:30:07.8	148.2	33.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/24	09:45:32.5	19.782S	170.931E	33.0N		5.7		SZGRF

Vanuatu Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 10:04:58.9	142.8	31.1					
BRG	e PKPbc	Z 10:05:02.0	144.0	38.8					
CLZ	e PKPbc	Z 10:05:04.1	144.5	32.7					

IBBN	e	PKPbc	Z	10:05:06.1	144.9	28.3				
TANN	e	PKPbc	Z	10:05:05.5	144.9	37.0				
MOX	e	PKPbc	Z	10:05:06.0	145.1	35.5				
UBBA	e	PKPbc	Z	10:05:06.8	145.5	32.9				
ROTZ	e	PKPbc	Z	10:05:07.7	145.6	37.1				
GEC2	e	PKPbc	Z	10:05:07.3	145.7	40.2				
WET	e	PKPbc	Z	10:05:08.0	145.8	38.7				
BUG	e	PKPbc	Z	10:05:08.7	145.8	28.1				
GRA1	e	PKPbc	Z	10:05:08.4	146.0	35.7				
	e	L	Z	11:22:07.5			19.8	1214		5.7
TNS	e	PKPbc	Z	10:05:10.2	146.5	30.9				
FUR	e	PKPbc	Z	10:05:13.7	147.2	37.2				
STU	e	PKPbc	Z	10:05:13.2	147.5	33.3				
WLF	e	PKPbc	Z	10:05:14.3	147.7	27.6				
BFO	e	PKPbc	Z	10:05:15.4	148.2	32.3				

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/24 15:45:1.5 61.570N 163.845E 33.0N 5.0
 Eastern Siberia, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 15:55:23.3	62.6	13.8					
CLZ	e P	Z 15:55:36.6	64.6	13.6	1.4	26	5.3		
CLL	e P	Z 15:55:36.9	64.8	14.9	0.8	10	5.1		
BRG	e P	Z 15:55:38.5	65.0	15.3	1.0	7	4.8		
MOX	e P	Z 15:55:42.2	65.6	14.1					
TANN	e P	Z 15:55:42.9	65.7	14.5					
ROTZ	e P	Z 15:55:47.7	66.4	14.3					
TNS	e P	Z 15:55:48.8	66.5	12.5					
GRA1	e P	Z 15:55:49.0	66.6	13.8	1.6	45	5.4		
WET	e P	Z 15:55:51.0	66.9	14.6					
GEC2	e P	Z 15:55:51.7	67.0	14.9	0.8	6	4.8		
BFO	e P	Z 15:55:59.5	68.4	12.3	0.9	6	4.8		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/24 16:47:40.4 22.161S 168.291E 33.0N
 New Caledonia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e PKPbc	Z 17:07:13.9	145.8	38.2					
TANN	e PKPbc	Z 17:07:16.2	146.0	42.7					
MOX	e PKPbc	Z 17:07:15.3	146.2	41.2					
IBBN	e PKPbc	Z 17:07:16.6	146.3	33.8					
GEC2	e PKPbc	Z 17:07:18.0	146.6	46.2					
WET	e PKPbc	Z 17:07:17.7	146.7	44.6					

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GRA1	e PKPbc	Z	17:07:19.4	147.1	41.6
BUG	e PKPbc	Z	17:07:19.2	147.2	33.8
TNS	e PKPbc	Z	17:07:21.1	147.8	36.8
STU	e PKPbc	Z	17:07:25.6	148.6	39.4

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/24	20:48:47.9	60.743N	167.407E	33.0N	5.2			SZGRF
Eastern Siberia, Russia								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 20:59:43.7	67.9	12.3	1.0	16	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/24								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKPdf	Z 21:04:07.1							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/24	21:33:15.9	20.195S	169.955E	224.8				SZGRF
Vanuatu Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 21:52:18.2	142.8	32.7					
BRG	e PKPbc	Z 21:52:21.5	144.0	40.5					
CLL	e PKPbc	Z 21:52:22.7	144.0	38.7					
CLZ	e PKPbc	Z 21:52:24.6	144.6	34.4					
TANN	e PKPbc	Z 21:52:24.5	144.9	38.7					
IBBN	e PKPbc	Z 21:52:25.3	145.0	30.1					
	e pPKPbc	Z 21:53:22.2							
MOX	e PKPbc	Z 21:52:25.2	145.1	37.3					
ROTZ	e PKPbc	Z 21:52:26.7	145.5	38.9					
UBBA	e PKPbc	Z 21:52:26.8	145.5	34.7					
WET	e PKPbc	Z 21:52:27.0	145.7	40.5					
BUG	e PKPbc	Z 21:52:28.6	145.9	29.9					
GRA1	e PKPbc	Z 21:52:28.4	146.0	37.5					
	e pPKPbc	Z 21:53:25.1							
TNS	e PKPbc	Z 21:52:30.5	146.6	32.7					
FUR	e PKPbc	Z 21:52:32.4	147.2	39.0					
STU	e PKPbc	Z 21:52:32.9	147.5	35.2					
WLF	e PKPbc	Z 21:52:33.9	147.8	29.5					
BFO	e PKPbc	Z 21:52:34.1	148.2	34.2					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/25	08:49:0.5	47.141N	153.642E	33.0N	5.2			SZGRF

Kuril Islands, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 09:00:55.3	77.9	25.1	0.9	18	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/25	14:19:32.3	20.988N	119.814E	26.6	5.5			SZGRF

Philippine Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 14:31:56.1	83.3	64.7	1.3	37	5.5		
CLL	e P	Z 14:31:57.7	83.6	64.1	1.2	42	5.6		
	e pP	Z 14:32:05.4							
BSEG	e P	Z 14:31:59.5	83.9	62.3	1.1	53	5.7		
GEC2	e P	Z 14:32:01.3	84.3	64.3	1.7	52	5.5		
TANN	e P	Z 14:32:01.4	84.3	63.6					
WET	e P	Z 14:32:02.9	84.7	63.8	1.4	29	5.3		
MOX	e P	Z 14:32:03.1	84.7	63.0	1.5	42	5.5		
ROTZ	e P	Z 14:32:03.6	84.8	63.3					
CLZ	e P	Z 14:32:04.2	84.9	62.1	1.3	62	5.7		
GRA1	e P	Z 14:32:06.7	85.4	62.6	1.6	53	5.4		
UBBA	e P	Z 14:32:06.9	85.5	61.8					
IBBN	e P	Z 14:32:09.9	86.0	60.2					
FUR	e P	Z 14:32:10.3	86.1	62.5	2.2	240	5.9		
TNS	e P	Z 14:32:13.2	86.7	60.6	1.7	32	5.2		
WLF	e P	Z 14:32:20.8	88.3	58.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/25	20:48:21.7	15.056S	68.891W	33.0N	5.4			SZGRF

Central Bolivia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z 21:01:28.1	92.1	249.0					
BFO	e P	Z 21:01:31.4	93.0	250.6					
BUG	e P	Z 21:01:33.5	93.4	249.9					
STU	e P	Z 21:01:34.7	93.7	251.2					
TNS	e P	Z 21:01:35.3	93.7	250.8					
IBBN	e P	Z 21:01:36.3	94.0	250.4					
FUR	e P	Z 21:01:40.3	94.8	252.7					
GRA1	e P	Z 21:01:42.2	95.2	252.8	1.4	21	5.4		
CLZ	e P	Z 21:01:42.9	95.3	252.3					

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BSEG	e P	Z	21:01:45.4	95.9	252.5					
WET	e P	Z	21:01:46.3	96.1	254.0					
GEC2	e P	Z	21:01:47.9	96.5	254.5					
CLL	e Pdiff	Z	21:01:48.6	96.8	254.3	1.4		15		
	e pPdiff	Z	21:02:01.4							
	e PP	Z	21:06:01.7							
	e SKSac	E	21:12:28.9							
	e Sdiff	N	21:13:36.4							
	e PS	E	21:14:59.8							
	e SS	N	21:20:28.6							
	e LR	Z	21:37:25.6							
	e L	Z	21:42:49.3			22.0		953		5.3
BRG	e P	Z	21:01:50.8	97.2	255.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/25	23:14:41.8	36.752N	19.683E	10.0G		4.5		SZGRF
Central Mediterranean Sea								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
FUR	e Pn	Z	23:17:47.3	13.0	148.5					
WET	e Pn	Z	23:17:48.8	13.3	155.7					
ROTZ	e Pn	Z	23:17:56.8	14.1	154.6					
	e Sn	N	23:20:28.8							
STU	e Pn	Z	23:17:59.1	14.2	143.6					
BFO	e Pn	Z	23:17:59.7	14.3	140.2					
GRA1	e Pn	Z	23:18:02.7	14.3	151.5					
	e L	Z	23:24:54.8			18.1	2891		4.4	
TANN	e Pn	Z	23:18:06.8	14.6	156.5					
BRG	e Pn	Z	23:18:07.2	14.7	161.6					
MOX	e Pn	Z	23:18:09.5	15.0	154.3					
	e Sn	N	23:20:52.7							
CLL	e Pn	Z	23:18:16.6	15.3	159.3					
TNS	e Pn	Z	23:18:20.3	15.7	144.8					
	e Sn	N	23:21:05.4							
WLF	e Pn	Z	23:18:29.0	16.2	137.8					
CLZ	e Pn	Z	23:18:33.9	16.5	152.8					
	e L	Z	23:26:10.5			19.4	3256		4.5	
BUG	e Pn	Z	23:18:42.2	17.1	144.2					
IBBN	e Pn	Z	23:18:51.7	17.7	147.0					
BSEG	e Pn	Z	23:18:53.5	18.4	155.6					
	e L	Z	23:28:04.8			19.6	2326		4.5	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/25	23:24:15.4	20.952N	119.508E	33.0N	5.2			SZGRF
Philippine Islands region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	23:36:49.0	85.2	62.8	1.7	27	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/26	00:26:42.8	43.786N	11.964E	10.0G			3.5	SZGRF

Central Italy

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
OBKA	e Pn	Z	00:27:33.1	3.3	214.7					3.8
	e Sn	Z	00:28:10.2							
KBA	e Pn	Z	00:27:35.8	3.4	196.9					3.3
	e Sn	Z	00:28:13.3							
WTTA	e Pn	Z	00:27:37.5	3.5	176.1					3.7
DAVA	e Pn	Z	00:27:42.7	3.8	156.6					3.7
ARSA	e Pn	Z	00:27:46.4	4.3	217.0					3.2
	e Sn	N	00:28:35.1							
MOA	e Pn	Z	00:27:48.4	4.4	202.4					3.4
	e Sn	N	00:28:39.0							
BFO	e Pn	Z	00:27:59.7	5.2	149.6					3.6
	e Sn	E	00:28:56.2							
GEC2	e Pn	Z	00:27:58.7	5.2	194.0					3.3
	e Sn	N	00:28:58.7							
WET	e Pn	Z	00:28:01.2	5.4	187.0					3.4
	e Sn	E	00:29:00.4							
ROTZ	e Pn	Z	00:28:09.4	6.0	181.7					3.3
	e Sn	N	00:29:13.0							
WERD	e Pn	Z	00:28:19.1	6.7	182.1					
MOX	e Pn	Z	00:28:21.9	6.9	177.9					3.5
	e Sn	N	00:29:35.6							
CLL	e Pn	Z	00:28:30.8	7.6	185.7					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/26	00:41:38.4	33.180N	76.180E	33.0N	4.8	4.1		SZGRF

Kashmir-India border region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	00:50:14.6	47.9	86.7	0.9	10	4.9		
RUE	e P	Z	00:50:14.8	47.9	88.0	0.4	12	5.4		
GEC2	e P	Z	00:50:16.8	48.2	84.7	1.0	4	4.6		
CLL	e P	Z	00:50:18.7	48.5	86.4	1.5	16	4.8		
WERD	e P	Z	00:50:22.5	49.0	85.1	1.0	5	4.5		
ROTZ	e P	Z	00:50:24.6	49.1	84.4	1.0	10	4.8		
MANZ	e P	Z	00:50:24.5	49.1	84.6	1.2	10	4.7		
MOX	e P	Z	00:50:26.0	49.4	84.8	1.0	9	4.7		

GRA1	e P	Z	00:50:29.4	49.7	83.7	0.7	7	4.7	
	e L	Z	01:30:47.2			21.1	189	4.1	
FUR	e P	Z	00:50:29.6	49.9	82.4	0.9	18	5.0	
BSEG	e P	Z	00:50:30.1	49.9	86.6	0.7	10	4.8	
CLZ	e P	Z	00:50:31.6	50.0	84.9	1.0	22	5.0	
UBBA	e P	Z	00:50:33.2	50.4	83.8	0.7	3	4.3	
STU	e P	Z	00:50:39.6	51.2	81.5	0.7	16	5.1	
TNS	e P	Z	00:50:41.8	51.4	82.2	0.8	4	4.4	
IBBN	e P	Z	00:50:42.8	51.6	83.3	1.3	22	4.9	
BUG	e P	Z	00:50:45.9	52.0	82.3	1.1	14	4.8	
WLF	e P	Z	00:50:53.1	53.0	80.2	0.8	10	4.8	

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/26 02:14:34.6 18.970S 173.890E 33.0N
 Fiji Islands region SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
IBBN	e PKPbc	Z	02:34:08.1	144.9	23.2					
WERD	e PKPbc	Z	02:34:07.2	145.3	31.6					
MOX	e PKPbc	Z	02:34:09.0	145.3	30.4					
UBBA	e PKPbc	Z	02:34:09.4	145.7	27.7					
MANZ	e PKPbc	Z	02:34:10.7	145.7	31.7					
ROTZ	e PKPbc	Z	02:34:11.1	145.9	32.0					
WET	e PKPbc	Z	02:34:11.2	146.2	33.6					
GRA1	e PKPbc	Z	02:34:10.9	146.3	30.5					
TNS	e PKPbc	Z	02:34:12.3	146.7	25.6					
FUR	e PKPbc	Z	02:34:14.4	147.6	31.8					
STU	e PKPbc	Z	02:34:16.8	147.7	27.9					
WLF	e PKPbc	Z	02:34:15.7	147.8	22.1					

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/26 04:34:48.2 0.569S 121.499E 300.0G
 Minahassa Peninsula, Sulawesi, Indonesia GSRC

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PP	Z	04:52:41.0	103.4	74.6					

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/26 04:52:14.5 26.829N 97.223E 33.0N 4.7
 Myanmar SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	05:03:07.0	67.4	74.6	0.9	5	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/26	07:01:30.7	22.118S	179.536W	33.0N				SZGRF

South of Fiji Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 07:21:11.2	147.3	17.1					
CLL	e PKPbc	Z 07:21:15.6	149.2	23.1					
CLZ	e PKPbc	Z 07:21:16.1	149.3	18.2					
BRG	e PKPbc	Z 07:21:16.3	149.4	25.1					
MOX	e PKPbc	Z 07:21:18.0	150.2	21.1					
WERD	e PKPbc	Z 07:21:18.1	150.2	22.5					
MANZ	e PKPbc	Z 07:21:19.4	150.7	22.4					
TNS	e PKPbc	Z 07:21:20.8	151.2	15.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/26	11:31: 6.2	6.230N	82.411W	33.0N	5.4			SZGRF

South of Panama

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 11:43:51.4	87.6	276.8	0.6	10	5.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/26	11:35:26.5	37.605S	50.771E	33.0N	4.7			SZGRF

Southwest Indian Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 11:48:41.5	94.0	149.6	0.9	4	4.7		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/26	22:35:11.8	19.290S	175.010W	33.0G				SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 22:54:44.8	145.1	8.8					
IBBN	e PKPbc	Z 22:54:50.8	146.9	4.8					
CLZ	e PKPbc	Z 22:54:51.2	147.2	9.4					
CLL	e PKPbc	Z 22:54:52.0	147.4	14.1					
BUG	e PKPbc	Z 22:54:52.8	147.8	4.0					
MOX	e PKPbc	Z 22:54:53.5	148.2	11.9					
UBBA	e PKPbc	Z 22:54:53.8	148.2	9.0					

WERD	e	PKPbc	Z	22:54:54.6	148.3	13.2
MANZ	e	PKPbc	Z	22:54:55.7	148.8	13.0
TNS	e	PKPbc	Z	22:54:56.2	148.9	6.3
ROTZ	e	PKPbc	Z	22:54:56.2	149.0	13.3
GRA1	e	PKPbc	Z	22:54:56.8	149.2	11.5
WLF	e	PKPbc	Z	22:54:57.7	149.6	2.2
GEC2	e	PKPbc	Z	22:54:57.8	149.6	16.4

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/26	22:54:1.1	7.959S	110.257E	17.0G		6.2		NEIC
Jawa, Indonesia								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e Pdiff	Z	23:07:49.3	100.1	90.2					
	e PP	Z	23:12:13.5							
	e SKSac	R	23:18:19.4							
	e SP	Z	23:20:49.4							
RUE	e PP	Z	23:12:15.0	100.2	89.8					
	e SKSac	R	23:18:18.9							
	e SP	Z	23:20:49.4							
RGN	e PP	Z	23:12:15.0	100.5	89.0					
	e SKSac	R	23:18:23.2							
	e SP	Z	23:20:50.5							
CLL	e Pdiff	Z	23:07:51.7	100.7	89.4	2.3	44			
	e PP	Z	23:11:53.8							
	e PKiKP	Z	23:12:15.8							
	e SKSac	E	23:18:24.8							
	e Sdiff	N	23:19:27.8							
	e PS	E	23:20:48.0							
	e PPS	E	23:21:59.1							
	e SS	N	23:26:19.8							
	e LR	Z	23:42:29.2							
	e L	Z	23:56:15.4			22.0	9012		6.2	
	WET	e Pdiff	Z	23:07:52.7	100.8	89.7				
e PP		Z	23:12:15.0							
e SKSac		R	23:18:23.4							
e SP		Z	23:20:58.3							
WERD	e Pdiff	Z	23:07:54.8	101.2	89.0					
ROTZ	e Pdiff	Z	23:07:55.0	101.3	89.0					
	e PP	Z	23:12:21.8							
	e SKSac	R	23:18:27.2							
	e SP	Z	23:21:03.9							
MANZ	e Pdiff	Z	23:07:54.3	101.3	88.9					
	e PP	Z	23:12:20.9							
	e SKSac	R	23:18:28.5							
	e SP	Z	23:21:03.9							
MOX	e Pdiff	Z	23:07:56.4	101.6	88.4					

	e PP	Z	23:12:23.9							
	e SKSac	R	23:18:25.6							
	e SP	Z	23:21:05.0							
GRA1	e Pdiff	Z	23:07:57.0	101.9	88.3					
	e PP	Z	23:12:23.9							
	e SKSac	R	23:18:29.6							
	e SP	Z	23:21:09.4							
	e L	Z	23:56:51.4			21.0	7445		6.2	
FUR	e SKSac	R	23:18:29.0	101.9	88.7					
	e SP	Z	23:21:07.7							
BSEG	e SKSac	R	23:18:32.3	102.3	86.7					
	e SP	Z	23:21:09.4							
CLZ	e Pdiff	Z	23:07:59.0	102.4	87.2					
	e PP	Z	23:12:31.3							
	e SKSac	R	23:18:32.1							
	e SP	Z	23:21:13.9							
UBBA	e Pdiff	Z	23:08:00.2	102.6	87.1					
	e PP	Z	23:12:31.3							
	e SKSac	R	23:18:32.4							
	e SP	Z	23:21:15.0							
STU	e SKSac	R	23:18:34.7	103.3	87.0					
	e SP	Z	23:21:25.0							
TNS	e PP	Z	23:12:38.7	103.7	86.0					
	e SKSac	R	23:18:37.9							
	e SP	Z	23:21:29.5							
HLG	e SKSac	R	23:18:39.4	103.7	84.6					
	e SP	Z	23:21:27.3							
BFO	e SKSac	R	23:18:36.8	103.9	86.4					
	e SP	Z	23:21:29.5							
IBBN	e SKSac	R	23:18:40.3	103.9	85.0					
	e SP	Z	23:21:30.2							
BUG	e Pdiff	Z	23:08:09.2	104.3	84.8					
	e SKSac	R	23:18:39.9							
	e SP	Z	23:21:36.2							
WLF	e SKSac	R	23:18:44.7	105.2	84.4					
	e SP	Z	23:21:44.5							

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/27 05:57:44.3 20.622S 173.156W 43.8
 Tonga Islands SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	06:17:20.5	146.6	5.9					
RUE	e PKPbc	Z	06:17:23.3	147.7	12.2					
IBBN	e PKPbc	Z	06:17:25.4	148.3	1.6					
CLZ	e PKPbc	Z	06:17:26.4	148.7	6.4					
CLL	e PKPbc	Z	06:17:26.7	148.9	11.2					

BUG	e	PKPbc	Z	06:17:27.4	149.2	0.8
BRG	e	PKPbc	Z	06:17:27.6	149.2	13.1
UBBA	e	PKPbc	Z	06:17:28.6	149.7	5.9
MOX	e	PKPbc	Z	06:17:28.9	149.7	8.9
WERD	e	PKPbc	Z	06:17:29.2	149.9	10.2
MANZ	e	PKPbc	Z	06:17:30.6	150.3	10.0
TNS	e	PKPbc	Z	06:17:30.6	150.4	3.0
ROTZ	e	PKPbc	Z	06:17:31.0	150.5	10.2
GRA1	e	PKPbc	Z	06:17:31.5	150.7	8.4
	e	pPKPbc	Z	06:17:44.7		
WLF	e	PKPbc	Z	06:17:32.4	151.0	358.7
WET	e	PKPbc	Z	06:17:32.1	151.1	11.7
GEC2	e	PKPbc	Z	06:17:32.3	151.2	13.4
STU	e	PKPbc	Z	06:17:33.8	151.8	4.7
FUR	e	PKPbc	Z	06:17:34.5	152.2	8.9
BFO	e	PKPbc	Z	06:17:34.6	152.3	3.0

Date Origin Time Lat Long Depth mb Ms ML Source
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Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKPbc	Z 13:36:20.6							

Date Origin Time Lat Long Depth mb Ms ML Source
2006/05/27 13:45:34.8 52.966N 159.671E 33.0N 4.6
Off east coast of Kamchatka Peninsula, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 13:57:07.1	73.9	19.1	1.2	8	4.6		

Date Origin Time Lat Long Depth mb Ms ML Source
2006/05/27 19:40:29.6 20.096S 174.119W 15.0G
Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 20:00:09.0	146.0	7.5					
CLZ	e PKPbc	Z 20:00:15.2	148.1	8.0					
CLL	e PKPbc	Z 20:00:14.9	148.3	12.8					
BRG	e PKPbc	Z 20:00:16.4	148.6	14.6					
MOX	e PKPbc	Z 20:00:17.3	149.1	10.5					
WERD	e PKPbc	Z 20:00:17.7	149.2	11.9					
MANZ	e PKPbc	Z 20:00:19.3	149.7	11.6					
ROTZ	e PKPbc	Z 20:00:19.6	149.9	11.9					

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GRA1	e	PKPbc	Z	20:00:21.4	150.1	10.1
WET	e	PKPbc	Z	20:00:21.5	150.4	13.4
GEC2	e	PKPbc	Z	20:00:21.1	150.6	15.1

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/27	21:37:47.2	20.078S	170.225E	33.0G				SZGRF

Vanuatu Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPbc	Z	21:57:13.4	142.8	32.3			
BRG	e	PKPbc	Z	21:57:15.6	144.0	40.0			
CLL	e	PKPbc	Z	21:57:15.5	144.0	38.2			
CLZ	e	PKPbc	Z	21:57:18.1	144.6	33.9			
WERD	e	PKPbc	Z	21:57:19.2	145.0	38.0			
IBBN	e	PKPbc	Z	21:57:19.6	145.0	29.6			
MOX	e	PKPbc	Z	21:57:19.5	145.1	36.8			
MANZ	e	PKPbc	Z	21:57:21.0	145.4	38.1			
	e	pPKPbc	Z	21:57:30.8					
UBBA	e	PKPbc	Z	21:57:21.1	145.5	34.2			
ROTZ	e	PKPbc	Z	21:57:21.5	145.6	38.4			
GEC2	e	PKPbc	Z	21:57:21.3	145.6	41.5			
WET	e	PKPbc	Z	21:57:22.0	145.8	40.0			
BUG	e	PKPbc	Z	21:57:22.1	145.9	29.4			
GRA1	e	PKPbc	Z	21:57:23.0	146.0	37.0			
GRFO	e	PKPbc	Z	21:57:23.1	146.0	37.0			
TNS	e	PKPbc	Z	21:57:24.6	146.6	32.2			
FUR	e	PKPbc	Z	21:57:26.2	147.2	38.5			
STU	e	PKPbc	Z	21:57:27.1	147.5	34.6			
WLF	e	PKPbc	Z	21:57:28.5	147.8	28.9			
BFO	e	PKPbc	Z	21:57:28.7	148.2	33.6			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/27	21:50:54.9	43.858N	127.730W	20.6	4.5			SZGRF

Off coast of Oregon, United States

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e	P	Z	22:03:00.4	79.8	331.2	1.3	8	4.5
	e	pP	Z	22:03:06.3					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/27	23:32:24.5	21.881N	119.880E	33.0N	5.2			SZGRF

Taiwan region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z	23:44:42.0	82.0	64.2	1.2	51	5.5		
BRG	e P	Z	23:44:44.9	82.6	64.1	1.1	19	5.2		
CLL	e P	Z	23:44:46.3	83.0	63.5	1.2	30	5.4		
BSEG	e P	Z	23:44:48.0	83.2	61.7	1.0	22	5.4		
GEC2	e P	Z	23:44:50.1	83.7	63.7	1.1	17	5.2		
WERD	e P	Z	23:44:50.5	83.7	62.9	1.5	23	5.2		
WET	e P	Z	23:44:52.1	84.0	63.2	1.4	16	5.1		
MOX	e P	Z	23:44:52.0	84.0	62.4	1.4	25	5.3		
MANZ	e P	Z	23:44:52.6	84.1	62.7	1.2	13	5.0		
ROTZ	e P	Z	23:44:52.8	84.1	62.7	1.1	21	5.3		
CLZ	e P	Z	23:44:53.1	84.2	61.6	1.3	35	5.4		
GRA1	e P	Z	23:44:55.6	84.7	62.0	1.4	23	5.2		
UBBA	e P	Z	23:44:56.2	84.9	61.2	1.3	12	4.9		
IBBN	e P	Z	23:44:58.6	85.3	59.6	1.3	22	5.1		
TNS	e P	Z	23:45:02.2	86.0	60.0	1.3	6	4.6		
BUG	e P	Z	23:45:02.0	86.0	59.2	1.7	39	5.3		
WLF	e P	Z	23:45:09.8	87.6	58.2	1.0	14	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/27	23:49:40.7	50.269N	178.658W	29.8	4.7			SZGRF

Andreanof Islands, Aleutian Islands, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	00:01:45.4	79.7	6.4	1.2	12	4.7		
	e pP	Z	00:01:54.0							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/27	23:57:14.2	21.950N	117.650E	33.0G	5.0			SZGRF

Taiwan region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z	00:09:26.4	80.7	65.8	1.0	24	5.2		
BRG	e P	Z	00:09:28.1	81.3	65.7	1.2	14	4.9		
CLL	e P	Z	00:09:30.5	81.7	65.1	1.2	18	5.1		
BSEG	e P	Z	00:09:32.4	82.0	63.4	1.0	11	5.0		
GEC2	e P	Z	00:09:33.9	82.3	65.3	1.1	8	4.8		
WERD	e P	Z	00:09:34.4	82.4	64.5	1.5	15	5.0		
WET	e P	Z	00:09:36.0	82.6	64.7	1.5	10	4.8		
MOX	e P	Z	00:09:36.1	82.7	64.0	1.2	11	5.0		
MANZ	e P	Z	00:09:36.8	82.7	64.3	1.3	9	4.9		
ROTZ	e P	Z	00:09:36.5	82.8	64.3	1.2	14	5.1		
CLZ	e P	Z	00:09:37.2	82.9	63.2	1.4	20	5.2		
GRA1	e P	Z	00:09:38.4	83.4	63.6	1.3	14	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/28	00:38:21.7	20.660S	169.830E	33.0G				SZGRF

Vanuatu Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e PKPbc	Z 00:57:54.2	145.0	34.9					
WERD	e PKPbc	Z 00:57:55.5	145.3	39.0					
IBBN	e PKPbc	Z 00:57:55.7	145.4	30.5					
MOX	e PKPbc	Z 00:57:55.3	145.5	37.8					
MANZ	e PKPbc	Z 00:57:56.9	145.8	39.1					
ROTZ	e PKPbc	Z 00:57:57.6	145.9	39.5					
GEC2	e PKPbc	Z 00:57:57.3	146.0	42.6					
WET	e PKPbc	Z 00:57:58.0	146.1	41.1					
BUG	e PKPbc	Z 00:57:58.5	146.3	30.4					
GRA1	e PKPbc	Z 00:57:59.1	146.4	38.0					
TNS	e PKPbc	Z 00:58:00.5	147.0	33.2					
STU	e PKPbc	Z 00:58:04.1	147.9	35.7					
WLF	e PKPbc	Z 00:58:04.8	148.2	30.0					
BFO	e PKPbc	Z 00:58:04.8	148.6	34.7					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/28								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 01:09:51.8							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/28								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 01:19:14.2							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/28	01:19:37.4	19.979N	119.574E	33.0N	5.0			SZGRF

Philippine Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z 01:32:01.8	83.4	65.6	1.1	24	5.4		
BRG	e P	Z 01:32:03.9	84.0	65.5	1.4	16	5.1		
CLL	e P	Z 01:32:05.5	84.3	64.9	1.1	17	5.2		
BSEG	e P	Z 01:32:07.8	84.6	63.0	0.8	11	5.1		

GEC2	e P	Z	01:32:09.6	84.9	65.2	1.1	8	4.9
WERD	e P	Z	01:32:09.8	85.1	64.3	0.8	5	4.8
WET	e P	Z	01:32:10.8	85.3	64.6	1.5	12	4.9
MOX	e P	Z	01:32:11.5	85.4	63.8			
MANZ	e P	Z	01:32:12.0	85.4	64.1	1.2	8	4.7
ROTZ	e P	Z	01:32:12.4	85.4	64.1	1.1	14	5.0
CLZ	e P	Z	01:32:12.3	85.5	62.9	1.2	17	5.1
GRA1	e P	Z	01:32:15.1	86.0	63.4	0.5	10	5.2
IBBN	e P	Z	01:32:18.6	86.7	60.9	0.9	10	4.9
TNS	e P	Z	01:32:20.5	87.4	61.4	0.9	4	4.8

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/28	02:49:33.5	22.608N	119.949E	33.0N	5.0			SZGRF
Taiwan region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 03:02:01.8	84.2	61.5	1.4	13	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/28	03:12:10.8	4.590S	150.650E	33.0N		6.7		SZGRF
New Britain, Papua New Guinea, region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e PKPdf	Z 03:30:59.1	120.4	52.2					
	e SKPdf	Z 03:34:31.0							
	e SP	Z 03:42:19.5							
BSEG	e PKPdf	Z 03:31:00.6	121.1	48.0					
	e PP	Z 03:32:33.2							
	e SP	Z 03:42:18.4							
BRG	e PKPdf	Z 03:31:00.9	121.3	53.1					
	e PP	Z 03:32:35.2							
	e SKPdf	Z 03:34:33.9							
CLL	e Pdiff	Z 03:27:34.2	121.5	52.0					
	e PKPdf	Z 03:31:01.1			1.2	48			
	e pPKPdf	Z 03:31:16.3							
	e PP	Z 03:32:38.8							
	e pPP	Z 03:32:53.8							
	e PKSdf	Z 03:34:37.7							
	e PS	E 03:42:34.1							
	e PPS	E 03:44:02.6							
	e SS	N 03:49:23.3							
	e SSS	E 03:54:11.2							
WERD	e PKPdf	Z 03:31:02.9	122.4	51.7					
CLZ	e PKPdf	Z 03:31:03.4	122.5	49.0					
	e PP	Z 03:32:40.3							

	e SKPdf	Z	03:34:35.1						
	e SP	Z	03:42:28.0						
MOX	e PKPdf	Z	03:31:03.3	122.6	50.9				
	e PP	Z	03:32:41.7						
	e SKPdf	Z	03:34:36.7						
GEC2	e PKPdf	Z	03:31:03.4	122.7	53.9				
MANZ	e PKPdf	Z	03:31:03.6	122.8	51.7				
	e PP	Z	03:32:42.8						
	e SKPdf	Z	03:34:37.5						
	e SP	Z	03:42:28.3						
ROTZ	e PKPdf	Z	03:31:04.0	122.9	51.9				
	e PP	Z	03:32:42.9						
WET	e PKPdf	Z	03:31:04.0	122.9	52.9				
	e PP	Z	03:32:42.8						
	e SKPdf	Z	03:34:37.6						
UBBA	e PKPdf	Z	03:31:04.6	123.3	49.1				
	e PP	Z	03:32:47.7						
	e SKPdf	Z	03:34:38.2						
	e SP	Z	03:42:41.4						
IBBN	e PKPdf	Z	03:31:04.8	123.3	46.0				
	e PP	Z	03:32:48.7						
	e SKPdf	Z	03:34:38.9						
GRA1	e PKPdf	Z	03:31:04.9	123.4	51.0				
	e PP	Z	03:32:45.7						
	e SP	Z	03:42:43.0						
	e L	Z	04:25:39.1			21.6	18870	6.7	
BUG	e PKPdf	Z	03:31:06.2	124.1	45.9				
	e PP	Z	03:32:51.8						
	e SKPdf	Z	03:34:40.5						
FUR	e PKPdf	Z	03:31:06.6	124.4	51.8				
	e PP	Z	03:32:52.1						
TNS	e PKPdf	Z	03:31:07.0	124.4	47.8				
	e PP	Z	03:32:52.1						
	e SKPdf	Z	03:34:41.4						
STU	e PKPdf	Z	03:31:08.0	125.0	49.3				
	e PP	Z	03:32:56.5						
	e SKPdf	Z	03:34:41.8						
BFO	e PKPdf	Z	03:31:09.0	125.8	48.7				
	e PP	Z	03:33:03.8						
	e SKPdf	Z	03:34:43.4						
WLF	e PKPdf	Z	03:31:10.4	125.9	45.6				
	e PP	Z	03:33:04.2						
	e SKPdf	Z	03:34:43.9						

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	03:55:52.3	146.9	6.1					
RUE	e PKPbc	Z	03:55:55.5	148.0	12.5					
IBBN	e PKPbc	Z	03:55:57.6	148.7	1.8					
CLZ	e PKPdf	Z	03:55:55.3	149.0	6.6					
	e PKPbc	Z	03:55:58.8							
CLL	e PKPdf	Z	03:55:55.4	149.3	11.5					
	e PKPbc	Z	03:55:59.0							
BUG	e PKPdf	Z	03:55:56.1	149.5	1.0					
	e PKPbc	Z	03:55:59.8							
BRG	e PKPdf	Z	03:55:55.9	149.6	13.4					
	e PKPbc	Z	03:56:00.0							
	e pPKPbc	Z	03:56:15.9							
UBBA	e PKPdf	Z	03:55:56.6	150.1	6.1					
	e PKPbc	Z	03:56:01.0							
MOX	e PKPdf	Z	03:55:56.2	150.1	9.2					
	e PKPbc	Z	03:56:01.3							
WERD	e PKPdf	Z	03:55:57.0	150.2	10.5					
	e PKPbc	Z	03:56:01.7							
	e pPKPbc	Z	03:56:17.6							
MANZ	e PKPdf	Z	03:55:57.9	150.7	10.3					
	e PKPbc	Z	03:56:03.1							
TNS	e PKPbc	Z	03:56:03.1	150.7	3.3					
ROTZ	e PKPdf	Z	03:55:57.9	150.9	10.6					
	e PKPbc	Z	03:56:03.5							
	e pPKPbc	Z	03:56:19.1							
GRA1	e PKPdf	Z	03:55:58.8	151.1	8.7					
	e PKPbc	Z	03:56:04.1							
WLF	e PKPdf	Z	03:55:58.3	151.3	358.9					
	e PKPbc	Z	03:56:05.0							
WET	e PKPdf	Z	03:55:59.1	151.4	12.1					
	e PKPbc	Z	03:56:04.7							
	e pPKPbc	Z	03:56:21.1							
GEC2	e PKPdf	Z	03:55:59.1	151.6	13.8					
	e PKPbc	Z	03:56:04.8							
STU	e PKPdf	Z	03:56:00.5	152.1	4.9					
	e PKPbc	Z	03:56:06.4							
	e pPKPbc	Z	03:56:22.3							
FUR	e PKPdf	Z	03:56:00.7	152.6	9.2					
	e PKPbc	Z	03:56:07.1							
	e PKPab	Z	03:56:16.0							
BFO	e PKPdf	Z	03:56:00.5	152.6	3.2					
	e PKPbc	Z	03:56:07.2							
	e PKPab	Z	03:56:16.1							
	e pPKPbc	Z	03:56:23.6							

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Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/28	06:06:38.7	19.092S	175.017W	121.4				SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 06:26:00.5	144.9	8.8					
IBBN	e PKPbc	Z 06:26:06.1	146.7	4.8					
CLL	e PKPdf	Z 06:26:04.1	147.2	14.1					
	e PKPbc	Z 06:26:07.0							
BRG	e PKPdf	Z 06:26:04.7	147.4	15.9					
	e PKPbc	Z 06:26:07.3							
BUG	e PKPbc	Z 06:26:08.2	147.6	4.0					
MOX	e PKPbc	Z 06:26:09.0	148.0	11.9					
UBBA	e PKPbc	Z 06:26:08.8	148.0	9.0					
WERD	e PKPdf	Z 06:26:05.8	148.1	13.2					
	e PKPbc	Z 06:26:09.4							
MANZ	e PKPdf	Z 06:26:06.2	148.6	13.0					
	e PKPbc	Z 06:26:11.0							
	e pPKPbc	Z 06:26:42.7							
TNS	e PKPbc	Z 06:26:11.4	148.7	6.3					
ROTZ	e PKPbc	Z 06:26:11.4	148.8	13.3					
GRA1	e PKP	Z 06:26:11.8	149.0	11.5					
WET	e PKPdf	Z 06:26:07.3	149.3	14.7					
	e PKPbc	Z 06:26:12.3							
	e pPKPbc	Z 06:26:45.8							
WLF	e PKPbc	Z 06:26:13.3	149.4	2.2					
	e pPKPbc	Z 06:26:45.4							
GEC2	e PKPbc	Z 06:26:12.7	149.4	16.4					
STU	e PKPdf	Z 06:26:09.5	150.1	8.0					
	e PKPbc	Z 06:26:14.8							
FUR	e PKPbc	Z 06:26:15.7	150.5	12.1					
BFO	e PKPbc	Z 06:26:15.5	150.6	6.5					
	e PKPab	Z 06:26:23.6							
	e pPKPbc	Z 06:26:49.0							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/28								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 08:00:08.1							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/28	07:51: 2.9	22.820S	178.430W	33.0G				SZGRF

South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	08:09:46.6	148.2	15.4					
IBBN	e PKPbc	Z	08:09:51.7	150.1	11.5					
	e PKPab	Z	08:09:57.8							
CLL	e PKPdf	Z	08:09:47.1	150.2	21.5					
	e PKPbc	Z	08:09:51.7							
	e PKPab	Z	08:09:57.7							
CLZ	e PKPbc	Z	08:09:52.0	150.2	16.5					
BRG	e PKPbc	Z	08:09:52.2	150.3	23.5					
BUG	e PKPbc	Z	08:09:53.7	151.0	10.9					
MOX	e PKPdf	Z	08:09:47.4	151.1	19.4					
	e PKPbc	Z	08:09:53.8							
	e PKPab	Z	08:10:01.6							
WERD	e PKPbc	Z	08:09:54.1	151.1	20.8					
	e PKPab	Z	08:10:01.9							
UBBA	e PKPbc	Z	08:09:53.8	151.2	16.3					
MANZ	e PKPdf	Z	08:09:49.3	151.6	20.8					
	e PKPbc	Z	08:09:55.6							
ROTZ	e PKPbc	Z	08:09:55.8	151.8	21.1					
TNS	e PKPdf	Z	08:09:49.5	152.1	13.6					
	e PKPbc	Z	08:09:56.4							
	e PKPab	Z	08:10:05.8							
GRA1	e PKP	Z	08:09:56.2	152.1	19.3					
WET	e PKPbc	Z	08:09:56.1	152.2	22.8					
	e PKPab	Z	08:10:06.8							
GEC2	e PKPdf	Z	08:09:50.3	152.3	24.6					
	e PKPbc	Z	08:09:56.6							
	e PKPab	Z	08:10:06.9							
WLF	e PKPbc	Z	08:09:58.5	152.9	9.3					
	e PKPab	Z	08:10:09.7							
STU	e PKPbc	Z	08:09:59.1	153.4	15.8					
	e PKPab	Z	08:10:11.3							
FUR	e PKPab	Z	08:10:12.2	153.5	20.4					
BFO	e PKPbc	Z	08:09:59.6	153.9	14.3					
	e PKPab	Z	08:10:13.5							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/28	09:00:14.1	19.187N	121.297E	33.0G	5.0	5.3		SZGRF
Philippine Islands region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z	09:12:46.8	85.0	64.7	0.9	34	5.6		
	e S	R	09:23:08.1							
BRG	e P	Z	09:12:49.3	85.6	64.7	1.0	14	5.0		
	e S	T	09:23:17.1							
CLL	e P	Z	09:12:51.0	85.9	64.0	0.8	8	4.9		
	e S	T	09:23:20.1							

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BSEG	e P	Z	09:12:52.6	86.2	62.1	1.1	21	5.2		
GEC2	e P	Z	09:12:54.5	86.6	64.4	1.3	9	4.8		
	e S	T	09:23:29.4							
WERD	e P	Z	09:12:55.7	86.7	63.4	1.1	6	4.6		
WET	e P	Z	09:12:56.3	86.9	63.8	2.0	23	5.0		
MOX	e P	Z	09:12:55.9	87.0	62.9	2.2	34	5.1		
	e S	T	09:23:31.4							
MANZ	e P	Z	09:12:56.4	87.0	63.3	1.3	8	4.7		
ROTZ	e P	Z	09:12:56.9	87.1	63.3	1.0	6	4.7		
	e S	T	09:23:34.0							
CLZ	e P	Z	09:12:58.2	87.1	62.0	1.5	12	4.8		
GRA1	e P	Z	09:12:59.6	87.7	62.6	0.8	5	4.9		
	e S	T	09:23:39.1							
	e L	Z	09:55:50.8			18.5	1192		5.3	
UBBA	e P	Z	09:13:00.8	87.8	61.7	1.6	16	5.1		
IBBN	e P	Z	09:13:02.3	88.3	60.0	1.4	46	5.5		
FUR	e P	Z	09:13:03.0	88.3	62.6					
	e S	T	09:23:43.9							
WLF	e P	Z	09:13:13.5	90.5	58.8	1.1	20	5.4		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/28 13:23:34.9 73.710N 13.110E 33.0G 5.1 4.1 SZGRF
 Norwegian Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	13:28:05.3	19.8	2.3	1.2	99	4.9		
RUE	e P	Z	13:28:19.6	21.2	359.5	1.8	248	5.2		
CLL	e P	Z	13:28:31.4	22.4	0.1					
BUG	e P	Z	13:28:31.2	22.4	4.3	1.3	75	5.0		
BRG	e P	Z	13:28:36.0	22.8	359.4	1.3	52	4.9		
UBBA	e P	Z	13:28:37.4	22.9	2.2	2.0	135	5.1		
MOX	e P	Z	13:28:39.3	23.1	1.1	1.4	90	5.1		
WERD	e P	Z	13:28:40.7	23.3	0.6	1.6	48	4.8		
TNS	e P	Z	13:28:43.8	23.6	3.3	2.1	139	5.1		
MANZ	e P	Z	13:28:45.1	23.7	0.7	1.7	103	5.1		
ROTZ	e P	Z	13:28:47.4	23.9	0.6	1.9	175	5.3		
GRA1	e P	Z	13:28:47.6	24.0	1.3	2.2	255	5.4		
	e		13:28:55.5							
	e L	Z	13:40:18.1			18.1	641		4.1	
WET	e P	Z	13:28:53.3	24.6	0.2	1.5	42	4.9		
GEC2	e P	Z	13:28:55.8	24.9	359.6	1.2	66	5.2		
STU	e P	Z	13:28:57.1	25.0	2.6	0.7	13	4.7		
BFO	e P	Z	13:29:01.0	25.5	3.1	1.0	38	5.0		
FUR	e P	Z	13:29:02.1	25.6	1.2	1.2	61	5.1		

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Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/28	14:18:15.6	27.658N	111.567W	33.0N	4.6			SZGRF

Gulf of California, Mexico

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 14:31:00.4	87.5	311.8	1.1	3	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/28	15:03:7.6	15.696S	169.417W	24.4				SZGRF

Samoa Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
MOX	e PKPbc	Z 15:22:40.0	145.0	1.7					
	e pPKPbc	Z 15:22:47.5							
WERD	e PKPbc	Z 15:22:40.6	145.2	2.9					
TNS	e PKPbc	Z 15:22:41.8	145.4	356.4					
MANZ	e PKPbc	Z 15:22:42.7	145.7	2.6					
	e pPKPbc	Z 15:22:49.8							
WLF	e PKPbc	Z 15:22:43.5	145.8	352.4					
ROTZ	e PKPbc	Z 15:22:43.3	145.9	2.8					
	e pPKPbc	Z 15:22:50.5							
GRA1	e PKPbc	Z 15:22:43.4	146.0	1.1					
WET	e PKPbc	Z 15:22:45.1	146.5	4.0					
	e pPKPbc	Z 15:22:52.8							
GEC2	e PKPbc	Z 15:22:45.9	146.8	5.5					
STU	e PKPbc	Z 15:22:46.5	146.9	357.5					
BFO	e PKPbc	Z 15:22:47.4	147.3	356.0					
	e pPKPbc	Z 15:22:54.8							
FUR	e PKPbc	Z 15:22:48.6	147.5	1.2					
	e pPKPbc	Z 15:22:55.6							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/28	20:18:50.2	42.880N	144.600E	33.0N	4.9	4.7		SZGRF

Hokkaido, Japan, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 20:30:33.8	75.6	32.8	1.0	14	5.1		
RUE	e P	Z 20:30:34.3	75.6	34.9	0.9	15	5.1		
CLL	e P	Z 20:30:40.5	76.9	34.2	0.9	26	5.4		
BRG	e P	Z 20:30:40.9	76.9	34.8	1.0	9	4.9		
CLZ	e P	Z 20:30:43.9	77.3	32.6	1.0	20	5.2		
IBBN	e P	Z 20:30:46.1	77.8	30.9	0.8	13	5.1		
WERD	e P	Z 20:30:46.3	77.8	33.7	1.0	7	4.7		
MOX	e P	Z 20:30:46.5	77.9	33.2	1.2	13	4.9		
MANZ	e P	Z 20:30:48.7	78.3	33.5	1.0	6	4.6		

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ROTZ	e P	Z	20:30:50.0	78.4	33.5	1.0	10	4.8	
GEC2	e P	Z	20:30:50.9	78.7	34.4	1.1	7	4.6	
WET	e P	Z	20:30:51.3	78.7	33.9	1.0	16	5.0	
GRA1	e P	Z	20:30:52.5	78.9	32.9	1.0	26	5.2	
	e L	Z	21:10:04.5			18.4	358		4.7
TNS	e P	Z	20:30:54.6	79.3	31.1	1.0	6	4.5	
FUR	e P	Z	20:30:59.2	80.1	32.8	0.9	23	5.1	
STU	e P	Z	20:31:00.1	80.3	31.5	0.9	16	5.0	
WLF	e P	Z	20:31:01.4	80.6	29.5	1.1	10	4.8	
BFO	e P	Z	20:31:03.3	81.0	30.9	1.0	6	4.6	

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/28 22:30:19.0 20.100S 176.640W 33.0N
 Fiji Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	22:49:56.0	145.7	11.7					
CLL	e PKPbc	Z	22:50:00.5	147.9	17.2					
BRG	e PKPbc	Z	22:50:00.9	148.1	19.1					
	e PKPab	Z	22:50:03.9							
MOX	e PKPbc	Z	22:50:02.9	148.8	15.1					
	e PKPab	Z	22:50:06.4							
WERD	e PKPbc	Z	22:50:03.0	148.8	16.4					
	e PKPab	Z	22:50:07.0							
MANZ	e PKPbc	Z	22:50:04.1	149.3	16.3					
TNS	e PKPbc	Z	22:50:05.2	149.6	9.5					
GRA1	e PKPbc	Z	22:50:05.9	149.8	14.8					
	e PKPab	Z	22:50:11.2							
GRFO	e PKPbc	Z	22:50:05.8	149.8	14.8					
	e PKPab	Z	22:50:11.2							
WET	e PKPbc	Z	22:50:05.6	150.0	18.1					
	e PKPab	Z	22:50:11.9							
GEC2	e PKPab	Z	22:50:12.2	150.1	19.8					
WLF	e PKPbc	Z	22:50:07.0	150.4	5.3					
FUR	e PKPab	Z	22:50:17.1	151.2	15.6					
BFO	e PKPab	Z	22:50:18.1	151.5	9.8					

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/05/29 02:20: 5.7 41.919N 16.043E 10.0G
 Southern Italy

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
FUR	e Pn	Z	02:21:48.0	7.1	149.9					
GEC2	e Pn	Z	02:21:48.4	7.1	165.8					
	e Sn	N	02:23:06.8							

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WET	e Pn	Z	02:21:54.5	7.6	161.8						
ROTZ	e Pn	Z	02:22:03.8	8.3	159.8						
BFO	e Pn	Z	02:22:04.5	8.4	136.9						
GRA1	e Pn	Z	02:22:10.0	8.5	154.9						
	e L	Z	02:25:58.9			16.0	907		3.6		
MANZ	e Pn	Z	02:22:07.6	8.5	159.8						
WERD	e Pn	Z	02:22:13.0	8.9	161.8						
MOX	e Pn	Z	02:22:17.8	9.2	159.0						
CLL	e Pn	Z	02:22:23.2	9.6	166.3						
WLF	e Pn	Z	02:22:34.3	10.4	134.7						

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/29	04:33:14.5	28.113N	130.742E	33.0N	4.8			SZGRF

Ryukyu Islands, Japan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 04:45:49.5	85.5	50.3	1.2	11	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/29	05:00:33.2	32.979S	178.832W	46.0G				NEIC

South of Kermadec Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPab	Z 05:20:58.7	158.1	20.9					
CLL	e PKPab	Z 05:21:05.7	159.7	29.8					
BRG	e PKPab	Z 05:21:06.1	159.8	32.5					
CLZ	e PKPab	Z 05:21:06.9	160.0	23.1					
IBBN	e PKPab	Z 05:21:07.2	160.1	16.4					
WERD	e PKPab	Z 05:21:10.1	160.7	29.4					
MOX	e PKPab	Z 05:21:10.3	160.7	27.5					
ROTZ	e PKPab	Z 05:21:13.0	161.3	30.1					
WET	e PKPdf	Z 05:20:28.6	161.6	32.7					
GRA1	e PKPab	Z 05:21:14.8	161.7	27.8					
TNS	e PKPab	Z 05:21:15.4	161.9	20.1					
WLF	e PKPab	Z 05:21:20.7	162.9	14.4					
BFO	e PKPab	Z 05:21:23.3	163.7	21.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/29	05:20:48.4	59.248S	26.108W	124.0G				NEIC

South Sandwich Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e Pdiff	Z 05:35:30.0	115.1	200.9					

e PKiKP	Z	05:39:13.8									
e PP	Z	05:40:13.9									
e PS	N	05:50:00.1									
e SS	N	05:56:30.0									
e LR	Z	06:15:45.4									
e L	Z	06:21:24.3						22.0	675	5.2	
GRA1 e PP	Z	05:39:59.3	113.1	199.7							
e SP	N	05:49:37.5									

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/29	07:53:12.5	24.526S	179.977E	33.0N				SZGRF
South of Fiji Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPbc	Z 08:13:03.1	151.4	25.4					
BRG	e PKPbc	Z 08:13:03.5	151.5	27.4					
CLZ	e PKPbc	Z 08:13:03.5	151.6	20.2					
MOX	e PKPbc	Z 08:13:05.4	152.4	23.3					
WERD	e PKPbc	Z 08:13:05.2	152.4	24.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/29	11:56:44.3	18.817S	174.064W	37.8		5.2		SZGRF
Tonga Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 12:16:18.8	144.7	7.2					
RUE	e PKPbc	Z 12:16:22.2	145.8	13.3					
IBBN	e PKPbc	Z 12:16:24.3	146.5	3.1					
CLZ	e PKPbc	Z 12:16:25.5	146.8	7.7					
CLL	e PKPbc	Z 12:16:25.9	147.0	12.4					
BRG	e PKPbc	Z 12:16:27.1	147.3	14.1					
BUG	e PKPbc	Z 12:16:26.6	147.4	2.3					
UBBA	e PKPbc	Z 12:16:28.8	147.8	7.2					
MOX	e PKPbc	Z 12:16:28.2	147.9	10.1					
	e pPKPbc	Z 12:16:39.5							
WERD	e PKPbc	Z 12:16:28.7	148.0	11.4					
	e pPKPbc	Z 12:16:40.1							
MANZ	e PKPbc	Z 12:16:30.2	148.4	11.2					
TNS	e PKPbc	Z 12:16:33.1	148.5	4.6					
ROTZ	e PKPbc	Z 12:16:30.7	148.6	11.5					
GRA1	e PKPbc	Z 12:16:29.9	148.8	9.7					
	e L	Z 13:23:54.0			21.3	373		5.2	
WLF	e PKPbc	Z 12:16:31.8	149.2	0.4					
WET	e PKPbc	Z 12:16:31.9	149.2	12.9					
GEC2	e PKPbc	Z 12:16:32.2	149.3	14.5					

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STU	e	PKPbc	Z	12:16:33.5	149.9	6.2
FUR	e	PKPbc	Z	12:16:34.2	150.3	10.3
BFO	e	PKPbc	Z	12:16:34.2	150.4	4.6

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/29	12:12:13.9	8.120S	154.723E	26.0G				NEIC

D'Entrecasteaux Islands, Papua New Guinea, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e SP	Z 12:44:35.8	126.0	45.4					
CLZ	e SP	Z 12:44:51.5	127.5	46.6					
MANZ	e SP	Z 12:44:52.7	127.9	49.6					
ROTZ	e SP	Z 12:44:51.6	128.0	49.8					
WET	e SP	Z 12:44:57.4	128.0	50.9					
GRA1	e SP	Z 12:44:59.6	128.5	48.8					
BUG	e SP	Z 12:45:11.9	129.1	43.3					
TNS	e SP	Z 12:45:09.2	129.4	45.4					
BFO	e SP	Z 12:45:09.4	130.8	46.4					
WLF	e SP	Z 12:45:17.5	130.9	43.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/29	15:30:12.1	3.540S	28.674E	27.0	4.9			SZGRF

Lake Tanganyika region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 15:39:42.9	55.3	158.7	1.1	13	4.9		
	e pP	Z 15:39:50.4							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/30	02:02: 8.9	15.850S	173.170W	30.8				SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
UBBA	e PKPbc	Z 02:21:40.7	144.9	5.3					
MOX	e PKPbc	Z 02:21:41.7	145.0	8.0					
WERD	e PKPbc	Z 02:21:41.6	145.1	9.2					
	e pPKPbc	Z 02:21:51.1							
MANZ	e PKPbc	Z 02:21:43.8	145.6	9.0					
TNS	e PKPbc	Z 02:21:43.7	145.6	2.8					
ROTZ	e PKPbc	Z 02:21:44.9	145.8	9.2					
	e pPKPbc	Z 02:21:53.8							
GRA1	e PKPbc	Z 02:21:45.8	146.0	7.6					
WLF	e PKPbc	Z 02:21:45.7	146.2	358.8					

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WET	e	pPKPbc	Z	02:21:56.4	146.3	10.5
GEC2	e	PKPbc	Z	02:21:46.3	146.5	12.0
FUR	e	PKPbc	Z	02:21:49.7	147.5	8.0
BFO	e	PKPbc	Z	02:21:49.2	147.5	2.7

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/30								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e	PKPbc	Z	03:52:49.5					
MANZ	e	PKPbc	Z	03:52:46.6					
ROTZ	e	PKPbc	Z	03:52:46.4					
WERD	e	PKPbc	Z	03:52:45.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/30	02:50:10.5	45.624S	75.162W	38.0G		5.4		NEIC
Off coast of southern Chile								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e	Pdiff	Z	03:05:32.5	122.9	236.4	1.4	10	
	e	PKiKP	Z	03:09:06.3					
	e	PP	Z	03:10:43.1					
	e	Sdiff	E	03:18:34.3					
	e	PS	E	03:20:48.8					
	e	PPS	Z	03:22:05.0					
	e	SS	N	03:27:35.8					
	e	SSS	E	03:31:53.5					
	e	SSSS	E	03:35:36.4					
	e	LR	Z	03:47:55.7					
	e	L	Z	03:59:59.6			20.0	2158	5.8
GRA1	e	L	Z	03:58:43.2	121.1	234.6	20.7	857	5.4

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/30	03:28:52.8	3.810S	140.070E	30.0G		5.7		NEIC
Irian Jaya, Indonesia								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e	L	Z	04:40:09.1	117.1	60.8	21.1	1785	5.7

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/30	08:37: 2.2	0.893S	97.843E	33.0G	4.8			SZGRF

Southwest of Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 08:49:55.2	88.5	93.2	0.8	4	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/30	14:18:49.2	19.490S	175.790W	160.4				SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 14:38:06.5	145.2	10.1					
IBBN	e PKPbc	Z 14:38:12.6	147.1	6.2					
CLZ	e PKPbc	Z 14:38:13.2	147.3	10.8					
GTTN	e PKPbc	Z 14:38:14.4	147.6	10.2					
BRG	e PKPbc	Z 14:38:14.2	147.7	17.3					
BUG	e PKPbc	Z 14:38:15.4	148.0	5.4					
MOX	e PKPbc	Z 14:38:16.0	148.3	13.4					
	e pPKPbc	Z 14:38:57.8							
WERD	e PKPbc	Z 14:38:16.2	148.4	14.7					
MANZ	e PKPbc	Z 14:38:17.5	148.9	14.5					
ROTZ	e PKPbc	Z 14:38:18.1	149.1	14.8					
TNS	e PKPbc	Z 14:38:17.5	149.1	7.8					
GRA1	e PKPbc	Z 14:38:18.7	149.3	13.0					
	e pPKPbc	Z 14:39:00.7							
WET	e PKPbc	Z 14:38:19.4	149.5	16.3					
GEC2	e PKPbc	Z 14:38:19.5	149.7	17.9					
	e pPKPbc	Z 14:39:01.4							
WLF	e PKPbc	Z 14:38:20.3	149.8	3.6					
BFO	e PKPbc	Z 14:38:22.3	151.0	8.0					
	e pPKPbc	Z 14:39:04.3							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/05/31	12:37:50.6	17.634S	176.829W	33.0G				SZGRF

Fiji Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
IBBN	e PKPbc	Z 12:56:58.8	145.1	7.7					
CLZ	e PKPbc	Z 12:56:59.7	145.3	12.1					
CLL	e PKPbc	Z 12:56:59.6	145.4	16.7					
GTTN	e PKPbc	Z 12:57:00.4	145.7	11.5					
BRG	e PKPbc	Z 12:57:00.6	145.7	18.4					
MOX	e PKPbc	Z 12:57:01.8	146.3	14.6					
WERD	e PKPbc	Z 12:57:02.4	146.4	15.9					
ROTZ	e PKPbc	Z 12:57:04.4	147.1	16.0					
TNS	e PKPbc	Z 12:57:04.8	147.1	9.3					

GRA1	e	PKPbc	Z	12:57:03.8	147.3	14.3
GEC2	e	PKPbc	Z	12:57:05.5	147.6	19.0
WLF	e	PKPbc	Z	12:57:07.0	147.9	5.3
BFO	e	PKPbc	Z	12:57:09.4	149.0	9.6

Format description

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

In general all regional and teleseismic events clearly recorded with GRF-Array stations and stronger events recorded with stations of the German Regional Seismological Network (GRSN) are included in this bulletin. Additionally, some selected events are analysed more comprehensively at CLL-station and included in the bulletin (ISOP-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)

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
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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