

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

=====

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

JULY 2006 UPDATED 8.MARCH.2007

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

(Format description at the end of the bulletin)

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source		
2006/07/01	11:26: 9.3	33.184N	31.722E	33.0N	4.2			SZGRF		
Eastern Mediterranean Sea										
Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	11:31:05.4	22.4	129.7	1.3	10	4.1		
Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source		
2006/07/01	19:34:44.2	51.679N	179.174E	33.0N	5.4	4.9		SZGRF		
Rat Islands, Aleutian Islands, United States										
Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e P	Z	19:46:12.3	73.1	9.1	1.0	140	6.0		
RUE	e P	Z	19:46:23.1	75.1	9.3	0.9	38	5.4		
IBBN	e P	Z	19:46:27.0	75.8	5.5					
CLZ	e P	Z	19:46:28.8	76.0	7.1	1.3	74	5.7		
CLL	i P	+	19:46:29.8	76.4	8.8	0.9	20	5.2		
	e PP	Z	19:49:20.7							
	e PPP	Z	19:51:15.5							
	e S	N	19:56:25.3							
	e PPS	Z	19:57:09.4							
	e SS	N	20:01:34.2							
	e SSSS	E	20:07:05.5							
	e LR	Z	20:12:01.8							
	e L	Z	20:28:33.0			18.0	1080		5.2	
GTTG	e P	Z	19:46:30.4	76.4	6.9	1.0				
BUG	e P	Z	19:46:31.4	76.7	5.1	1.1	37	5.4		
BRG	e P	Z	19:46:31.7	76.7	9.3	1.0	23	5.3		
UBBA	e P	Z	19:46:33.8	77.1	6.9					

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

2

MOX	e P	Z	19:46:34.4	77.1	7.9	1.0	24	5.3
TANN	e P	Z	19:46:35.4	77.3	8.4			
MANZ	e P	Z	19:46:37.9	77.7	8.2			
ROTZ	e P	Z	19:46:39.3	78.0	8.2			
GRA1	e P	Z	19:46:40.3	78.1	7.6	1.0	47	5.6
	e S	N	19:56:47.4					
	e SS	N	20:01:45.1					
	e L	Z	20:24:19.9			21.4	562	4.9
WLF	e P	Z	19:46:42.0	78.5	4.4			
WET	e P	Z	19:46:42.2	78.5	8.6	0.9		
GEC2	e P	Z	19:46:43.2	78.7	9.1	0.9	13	5.0
STU	e P	Z	19:46:45.5	79.2	6.3			
FUR	e P	Z	19:46:48.1	79.6	7.6	1.0	32	5.2
BFO	e P	Z	19:46:48.2	79.7	5.8			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/01	22:57:12.4	51.587N	179.672E	33.0N	4.8			SZGRF
Rat Islands, Aleutian Islands, United States								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 23:09:09.3	78.2	7.3	0.9	8	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/02	02:57:42.9	20.528S	176.372E	102	4.9			NEIC
Fiji region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 03:17:09.7	145.0	23.2					
CLL	e PKPbc	Z 03:17:15.7	146.6	29.2					
BRG	e PKPbc	Z 03:17:16.4	146.7	31.0					
CLZ	e PKPbc	Z 03:17:15.8	146.9	24.5					
IBBN	e PKPbc	Z 03:17:16.2	147.1	19.9					
MOX	e PKPbc	Z 03:17:18.1	147.6	27.4					
TANN	e PKPbc	Z 03:17:19.1	147.6	29.0					
UBBA	e PKPbc	Z 03:17:18.0	147.9	24.6					
BUG	e PKPbc	Z 03:17:19.0	148.0	19.5					
MANZ	e PKPbc	Z 03:17:21.0	148.1	28.7					
WET	e PKPbc	Z 03:17:21.3	148.5	30.7					
GEC2	e PKPbc	Z 03:17:21.4	148.5	32.3					
GRA1	e PKPbc	Z 03:17:22.4	148.6	27.4					
TNS	e PKPbc	Z 03:17:21.4	148.9	22.3					
FUR	e PKPbc	Z 03:17:25.2	149.9	28.8					
STU	e PKPbc	Z 03:17:25.2	150.0	24.6					
BFO	e PKPbc	Z 03:17:26.7	150.6	23.3					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/02	03:54:12.1	52.622N	176.358E	33.0N	5.3	5.2		SZGRF

Rat Islands, Aleutian Islands, United States

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 04:05:37.8	72.8	8.8	1.2	58	5.6		
IBBN	e P	Z 04:05:48.4	74.6	7.1					
CLZ	e P	Z 04:05:49.8	74.9	8.8	1.4	63	5.5		
CLL	e P	Z 04:05:51.3	75.1	10.4	1.4	33	5.3		
	e S	E 04:15:34.8							
	e PS	E 04:16:11.2							
	e SS	E 04:20:20.3							
	e SSS	E 04:23:47.7							
	e SSSS	E 04:25:59.0							
	e LR	Z 04:30:31.8							
	e L	Z 04:47:48.9			20.0	1462		5.3	
BRG	e P	Z 04:05:52.5	75.4	10.9	1.5	34	5.3		
BUG	e P	Z 04:05:53.2	75.5	6.8					
UBBA	e P	Z 04:05:55.4	75.9	8.5					
MOX	e P	Z 04:05:55.5	75.9	9.5	1.5	34	5.3		
TANN	e P	Z 04:05:56.5	76.1	10.0					
MANZ	e P	Z 04:05:59.0	76.5	9.8					
TNS	e P	Z 04:05:59.6	76.6	7.5					
GRA1	e P	Z 04:06:01.5	76.9	9.2	1.3	57	5.5		
	e S	N 04:15:52.1							
	e SS	N 04:21:01.9							
	e L	Z 04:42:00.4			21.1	1210		5.2	
WET	e P	Z 04:06:03.4	77.3	10.2	1.5	36	5.3		
GEC2	e P	Z 04:06:04.3	77.5	10.7	1.5	34	5.3		
STU	e P	Z 04:06:07.0	78.0	7.9					
FUR	e P	Z 04:06:09.5	78.4	9.2	1.4	49	5.3		
BFO	e P	Z 04:06:10.0	78.5	7.4	1.3	33	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/02	06:55:50.9	37.294N	27.402E	33.0N	4.0			SZGRF

Turkey

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 06:59:27.7	15.2	134.2					
WET	e P	Z 06:59:34.4	15.8	133.0					
FUR	e P	Z 06:59:35.5	16.0	126.8					
BRG	e P	Z 06:59:42.4	16.6	139.6	0.9	9	3.9		
MANZ	e P	Z 06:59:43.9	16.8	133.4					
TANN	e P	Z 06:59:44.9	16.9	135.2					
GRA1	e P	Z 06:59:48.3	17.0	130.7	0.8	12	4.1		

CLL	e P	Z	06:59:50.1	17.3	138.4	0.9	14	4.1
MOX	e P	Z	06:59:51.7	17.5	133.8	1.3	9	3.7
STU	e P	Z	06:59:51.8	17.5	124.2			
BFO	e P	Z	06:59:55.2	17.7	121.4	0.7	7	3.9
TNS	e P	Z	07:00:05.1	18.7	126.4			
BSEG	e P	Z	07:00:22.7	20.4	137.8	1.6	27	4.2

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/02	07:18:34.7	12.257S	20.527W	33.0N	4.8			SZGRF

South Atlantic Ocean

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e P	Z	07:29:16.6	65.8	211.1	0.6	4	4.8		
FUR	e P	Z	07:29:22.8	66.7	214.1					
GRA1	e P	Z	07:29:30.7	67.9	213.7	1.1	9	4.9		
WET	e P	Z	07:29:31.4	68.1	215.4					
GEC2	e P	Z	07:29:31.9	68.2	216.3	1.3	8	4.8		
MOX	e P	Z	07:29:36.4	68.9	213.9	1.3	5	4.6		
TANN	e P	Z	07:29:37.0	69.0	214.7					
CLZ	e P	Z	07:29:40.2	69.4	212.4	2.4	23	5.0		
BSEG	e P	Z	07:29:50.8	71.2	212.0	0.9	8	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/02	12:29:21.6	52.457N	177.378E	33.0N	4.8			SZGRF

Rat Islands, Aleutian Islands, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	12:40:49.0	73.1	8.2	0.9	15	5.1		
IBBN	e P	Z	12:40:59.1	74.9	6.5					
CLZ	e P	Z	12:41:00.9	75.1	8.1	0.9	12	5.0		
BRG	e P	Z	12:41:03.9	75.7	10.3	1.1	6	4.6		
MOX	e P	Z	12:41:06.4	76.2	8.9	0.9	5	4.7		
TANN	e P	Z	12:41:07.4	76.3	9.4					
TNS	e P	Z	12:41:10.4	76.9	6.9					
GRA1	e P	Z	12:41:12.5	77.2	8.6	0.8	9	4.9		
WLF	e P	Z	12:41:14.4	77.6	5.5					
GEC2	e P	Z	12:41:15.4	77.8	10.1	0.8	4	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/02	16:58: 2.0	51.283N	179.263E	33.0N	5.3	5.0		SZGRF

Rat Islands, Aleutian Islands, United States

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

BSEG	e P	Z	17:09:37.0	74.4	7.2	1.0	58	5.6
IBBN	e P	Z	17:09:47.0	76.2	5.5			
CLZ	e P	Z	17:09:48.8	76.4	7.1	1.2	70	5.7
CLL	e P	Z	17:09:49.7	76.8	8.8	0.7	19	5.3
	e S	N	17:19:39.4					
	e PPS	Z	17:20:36.1					
	e SS	N	17:24:47.2					
	e SSSS	E	17:30:28.0					
	e LR	Z	17:35:25.7					
	e L	Z	17:45:45.9			22.0	922	5.1
GTTG	e P	Z	17:09:50.4	76.8	6.9			
BUG	e P	Z	17:09:51.5	77.1	5.1	1.5	58	5.5
BRG	e P	Z	17:09:51.7	77.1	9.4	1.6	51	5.4
UBBA	e P	Z	17:09:54.4	77.5	6.9			
MOX	e P	Z	17:09:54.4	77.5	7.9	1.0	19	5.2
WERD	e P	Z	17:09:55.3	77.7	8.3			
TANN	e P	Z	17:09:55.4	77.7	8.4			
WERN	e P	Z	17:09:56.3	77.8	8.3			
MANZ	e P	Z	17:09:57.9	78.1	8.2			
TNS	e P	Z	17:09:58.1	78.2	5.9			
GRA1	e P	Z	17:10:00.3	78.5	7.6	1.4	73	5.5
	e S	Z	17:20:01.4					
	e SS	N	17:25:11.9					
	e L	Z	17:47:40.6			20.2	673	5.0
WLF	e P	Z	17:10:02.1	78.9	4.4			
WET	e P	Z	17:10:02.3	78.9	8.6	1.5	24	5.0
GEC2	e P	Z	17:10:03.2	79.1	9.1	0.7	14	5.1
STU	e P	Z	17:10:05.5	79.6	6.3			
FUR	e P	Z	17:10:08.2	80.0	7.6	1.2	38	5.2
BFO	e P	Z	17:10:08.2	80.1	5.7	1.6	38	5.1

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/02 17:20:27.0 51.270N 179.107E 33.0N 5.3
 Rat Islands, Aleutian Islands, United States

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 17:32:02.0	74.4	7.3	0.8	50	5.6		
IBBN	e P	Z 17:32:12.0	76.2	5.6					
CLZ	i P	Z 17:32:13.8	76.4	7.2	0.9	45	5.6		
CLL	e P	Z 17:32:14.7	76.7	8.9	0.9	23	5.3		
BUG	e P	Z 17:32:16.5	77.1	5.2					
BRG	e P	Z 17:32:16.7	77.1	9.5	0.8	19	5.3		
UBBA	e P	Z 17:32:19.3	77.5	7.0					
MOX	e P	Z 17:32:19.4	77.5	8.0	1.0	22	5.3		
TANN	e P	Z 17:32:20.4	77.7	8.5					
MANZ	e P	Z 17:32:22.9	78.1	8.3					
TNS	e P	Z 17:32:23.0	78.2	6.0					

GRA1	e P	Z	17:32:25.4	78.5	7.7	1.0	44	5.4
WLF	e P	Z	17:32:27.1	78.9	4.5			
WET	e P	Z	17:32:27.3	78.9	8.7	1.0	12	4.9
GEC2	e P	Z	17:32:28.2	79.1	9.2	0.8	14	5.0
STU	e P	Z	17:32:30.5	79.6	6.4			
FUR	e P	Z	17:32:33.2	80.0	7.7			
BFO	e P	Z	17:32:33.2	80.1	5.8	1.0	15	4.9

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/02	18:14:52.6	51.388N	178.922E	33.0N	5.1			SZGRF

Rat Islands, Aleutian Islands, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	18:26:26.9	74.2	7.4	0.9	38	5.4		
IBBN	e P	Z	18:26:36.9	76.0	5.7					
CLZ	i P	Z	18:26:38.7	76.3	7.3	0.8	25	5.4		
CLL	e P	Z	18:26:39.5	76.6	9.0	0.7	13	5.2		
BUG	e P	Z	18:26:41.4	76.9	5.3					
BRG	e P	Z	18:26:41.6	76.9	9.6	0.7	11	5.1		
UBBA	e P	Z	18:26:44.3	77.4	7.1					
MOX	e P	Z	18:26:44.3	77.4	8.1	0.7	10	5.1		
TANN	e P	Z	18:26:45.2	77.5	8.6					
MANZ	e P	Z	18:26:47.8	78.0	8.4					
TNS	e P	Z	18:26:48.0	78.1	6.1					
GRA1	e P	Z	18:26:50.2	78.4	7.8	0.8	21	5.2		
WLF	e P	Z	18:26:52.0	78.8	4.6					
WET	e P	Z	18:26:52.1	78.8	8.8	0.8	6	4.6		
GEC2	e P	Z	18:26:53.1	79.0	9.3	0.7	10	5.0		
STU	e P	Z	18:26:55.5	79.5	6.5					
FUR	e P	Z	18:26:58.1	79.9	7.8	1.1	23	5.0		
BFO	e P	Z	18:26:58.1	80.0	5.9	0.8	6	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/02	18:26:48.1	51.520N	178.892E	33.0N	5.2			SZGRF

Rat Islands, Aleutian Islands, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	18:38:21.6	74.1	7.4	0.9	40	5.5		
IBBN	e P	Z	18:38:31.7	75.9	5.7					
CLZ	e P	Z	18:38:33.5	76.2	7.3	0.8	34	5.5		
CLL	e P	Z	18:38:34.3	76.5	9.0	0.7	16	5.3		
BUG	e P	Z	18:38:36.2	76.8	5.3					
BRG	e P	Z	18:38:36.3	76.8	9.6	0.7	14	5.2		
UBBA	e P	Z	18:38:39.0	77.2	7.1					
MOX	e P	Z	18:38:39.1	77.3	8.1	1.0	16	5.1		

TANN	e P	Z	18:38:40.1	77.4	8.6				
MANZ	e P	Z	18:38:42.5	77.9	8.4				
TNS	e P	Z	18:38:42.7	77.9	6.1				
GRA1	e P	Z	18:38:45.0	78.2	7.8	0.9	32	5.4	
WLF	e P	Z	18:38:46.7	78.6	4.6				
WET	e P	Z	18:38:47.0	78.6	8.8	1.3	15	4.8	
GEC2	e P	Z	18:38:47.9	78.8	9.3	0.7	12	5.1	
STU	e P	Z	18:38:50.2	79.3	6.5				
FUR	e P	Z	18:38:52.9	79.8	7.8	1.2	32	5.1	
BFO	e P	Z	18:38:52.9	79.8	6.0	1.1	13	4.8	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/02	19:30:23.8	52.361N	176.432E	33.0N	4.7			SZGRF
Rat Islands, Aleutian Islands, United States								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	19:41:51.4	73.1	8.8					
IBBN	e P	Z	19:42:02.4	74.9	7.1					
CLZ	e P	Z	19:42:03.5	75.1	8.8	0.9	9	4.9		
CLL	e P	Z	19:42:04.0	75.4	10.4	0.8	5	4.7		
BRG	e P	Z	19:42:06.2	75.7	10.9					
BUG	e P	Z	19:42:05.9	75.8	6.8					
MOX	e P	Z	19:42:08.8	76.2	9.5					
TNS	e P	Z	19:42:12.8	76.9	7.5					
GRA1	e P	Z	19:42:14.7	77.2	9.2	0.9	7	4.8		
WLF	e P	Z	19:42:17.2	77.6	6.1					
GEC2	e P	Z	19:42:17.9	77.7	10.7	0.9	3	4.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/02	19:36: 3.2	36.949N	69.576E	33.0N	4.5			SZGRF
Hindu Kush, Afghanistan, region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	19:43:45.1	41.3	87.5	1.0	16	4.7		
GEC2	e P	Z	19:43:47.9	41.6	85.0	1.1	4	4.1		
CLL	e P	Z	19:43:49.8	41.9	87.2	0.8	7	4.5		
TANN	e P	Z	19:43:53.0	42.3	85.9					
MANZ	e P	Z	19:43:56.0	42.5	85.1					
MOX	e P	Z	19:43:57.5	42.8	85.5					
GRA1	e P	Z	19:44:00.9	43.1	84.2	1.0	15	4.7		
FUR	e P	Z	19:44:01.5	43.3	82.6					
BSEG	e P	Z	19:44:01.8	43.4	88.0					
CLZ	e P	Z	19:44:02.6	43.5	85.9	1.4	24	4.7		
UBBA	e P	Z	19:44:05.1	43.8	84.5					
STU	e P	Z	19:44:12.0	44.6	81.9					

TNS	e P	Z	19:44:13.9	44.9	82.8
IBBN	e P	Z	19:44:15.4	45.1	84.4
BUG	e P	Z	19:44:18.4	45.4	83.2
WLF	e P	Z	19:44:26.9	46.4	80.7

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/02	19:39:44.7	38.410N	39.674E	33.0N	4.6			SZGRF

Turkey

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 19:44:30.1	21.3	109.5					
WET	e P	Z 19:44:36.3	22.0	109.1	1.7	42	4.6		
BRG	e P	Z 19:44:36.3	22.0	114.6	1.1	12	4.2		
TANN	e P	Z 19:44:43.1	22.7	111.5					
FUR	e P	Z 19:44:42.7	22.7	104.9	1.0	44	4.9		
CLL	e P	Z 19:44:42.5	22.7	114.2	1.1	34	4.8		
MANZ	e P	Z 19:44:43.9	22.7	110.1					
GRA1	e P	Z 19:44:48.7	23.2	108.3	1.0	65	5.1		
MOX	e P	Z 19:44:49.6	23.2	110.9	1.1	7	4.1		
STU	e P	Z 19:44:58.8	24.2	103.9					
CLZ	e P	Z 19:44:59.9	24.4	111.8	1.1	18	4.5		
BFO	e P	Z 19:45:03.5	24.6	102.0					
TNS	e P	Z 19:45:06.7	25.0	106.1					
BSEG	e P	Z 19:45:07.5	25.3	115.9	1.1	23	4.8		
BUG	e P	Z 19:45:17.1	26.1	107.2					
WLF	e P	Z 19:45:19.9	26.3	102.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/02	19:57:11.3	51.402N	179.078E	33.0N	5.1			SZGRF

Rat Islands, Aleutian Islands, United States

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 20:08:45.5	74.2	7.3	0.8	41	5.5		
IBBN	e P	Z 20:08:55.6	76.0	5.6					
CLZ	e P	Z 20:08:57.4	76.3	7.2	0.8	29	5.5		
CLL	e P	Z 20:08:58.2	76.6	8.9	0.7	13	5.2		
BUG	e P	Z 20:09:00.0	76.9	5.2	1.0	18	5.2		
BRG	e P	Z 20:09:00.2	77.0	9.5	0.8	12	5.1		
UBBA	e P	Z 20:09:03.0	77.4	7.0					
MOX	e P	Z 20:09:02.9	77.4	8.0					
TANN	e P	Z 20:09:03.9	77.6	8.5					
MANZ	e P	Z 20:09:06.5	78.0	8.3					
TNS	e P	Z 20:09:06.6	78.1	6.0					
GRA1	e P	Z 20:09:08.9	78.4	7.7	0.8	27	5.3		
WLF	e P	Z 20:09:10.6	78.8	4.5					

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

9

WET	e P	Z	20:09:10.8	78.8	8.7	0.7	5	4.7
GEC2	e P	Z	20:09:11.8	79.0	9.2	0.7	9	4.9
STU	e P	Z	20:09:14.1	79.5	6.4			
FUR	e P	Z	20:09:16.8	79.9	7.7	0.7	18	5.1
BFO	e P	Z	20:09:16.8	80.0	5.8	0.8	7	4.6

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/03	02:04:46.4	56.910S	143.020W	10				NEIC

Pacific-Antarctic ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e (PKPdf)	Z 02:25:00.5	164.9	238.9					
	e PKPab	Z 02:25:49.4							
	e PP	Z 02:29:30.5							
	e SKKSac	E 02:36:21.7							
	e PSKS	E 02:40:03.2							
	e PPS	E 02:43:25.3							
	e SS	E 02:50:14.0							
	e SSS	N 02:56:36.8							
	e SSSS	E 03:01:08.5							
	e L	Z 03:45:31.1			20.0	495		5.4	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/03	13:40: 2.5	20.560S	176.050W	221.2				SZGRF

Fiji Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPdf	Z 13:59:15.8	146.3	10.8					
	e PKPbc	Z 13:59:17.0							
	e pPKPbc	Z 14:00:12.4							
IBBN	e PKPbc	Z 13:59:22.0	148.1	6.8					
CLZ	e PKPdf	Z 13:59:19.1	148.3	11.5					
	e PKPbc	Z 13:59:23.0							
CLL	e PKPdf	Z 13:59:18.7	148.4	16.4					
	e PKPbc	Z 13:59:22.7							
	e pPKPbc	Z 14:00:18.7							
BRG	e PKPdf	Z 13:59:19.1	148.7	18.2					
	e PKPbc	Z 13:59:23.4							
	e PKPab	Z 13:59:27.4							
BUG	e PKPbc	Z 13:59:23.8	149.0	6.0					
	e PKPab	Z 13:59:28.6							
MOX	e PKPdf	Z 13:59:20.2	149.3	14.2					
	e PKPbc	Z 13:59:25.2							
UBBA	e PKPbc	Z 13:59:25.1	149.4	11.2					
TANN	e PKPdf	Z 13:59:20.6	149.4	15.8					

	e	PKPbc	Z	13:59:25.7					
	e	PKPab	Z	13:59:30.7					
MANZ	e	PKPdf	Z	13:59:21.2	149.9	15.3			
	e	PKPbc	Z	13:59:26.8					
	e	pPKPbc	Z	14:00:22.7					
ROTZ	e	PKPbc	Z	13:59:27.3	150.1	15.6			
	e	PKPab	Z	13:59:32.8					
	e	pPKPbc	Z	14:00:23.5					
TNS	e	PKPbc	Z	13:59:27.4	150.1	8.5			
GRA1	e	PKPdf	Z	13:59:22.6	150.3	13.8			
	e	PKPbc	Z	13:59:27.8					
	e	PKPab	Z	13:59:34.6					
	e	pPKPdf	Z	14:00:20.9					
	e	pPKPbc	Z	14:00:24.6					
	e	pPKPab	Z	14:00:29.3					
WET	e	PKPdf	Z	13:59:22.3	150.5	17.2			
	e	PKPbc	Z	13:59:28.5					
WLF	e	PKPbc	Z	13:59:29.3	150.8	4.2			
STU	e	PKPdf	Z	13:59:24.0	151.5	10.3			
	e	PKPbc	Z	13:59:30.4					
FUR	e	PKPdf	Z	13:59:24.3	151.8	14.6			
	e	PKPbc	Z	13:59:30.9					
	e	PKPab	Z	13:59:40.5					
	e	pPKPbc	Z	14:00:27.6					
BFO	e	PKPdf	Z	13:59:24.5	152.0	8.8			
	e	PKPbc	Z	13:59:31.3					
	e	PKPab	Z	13:59:41.4					

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/03 15:07:20.3 18.363S 177.209W 33.0N
 Fiji Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPbc	Z	15:26:50.3	144.0	12.2				
CLZ	e	PKPbc	Z	15:26:56.6	146.0	12.9				
CLL	e	PKPbc	Z	15:26:56.2	146.1	17.5				
BRG	e	PKPbc	Z	15:26:57.1	146.3	19.3				
MOX	e	PKPbc	Z	15:26:58.9	147.0	15.5				
TANN	e	PKPbc	Z	15:26:59.4	147.0	17.0				
MANZ	e	PKPbc	Z	15:27:00.8	147.5	16.6				
ROTZ	e	PKPbc	Z	15:27:01.4	147.7	16.9				
TNS	e	PKPbc	Z	15:27:01.7	147.8	10.1				
GRA1	e	PKPbc	Z	15:27:01.8	147.9	15.2				
WLF	e	PKPbc	Z	15:27:04.2	148.6	6.1				
FUR	e	PKPbc	Z	15:27:05.6	149.4	16.0				
BFO	e	PKPbc	Z	15:27:06.1	149.7	10.5				

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/04	03:56:28.2	38.680N	116.390E	33.0N	5.4	4.9		SZGRF

Northeastern China

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e P	Z	04:07:13.0	66.0	56.3	1.2	96	5.9		
RUE	e P	Z	04:07:18.9	66.9	55.9	0.6	29	5.7		
BRG	e P	Z	04:07:23.9	67.8	55.4	1.1	28	5.4		
BSEG	e P	Z	04:07:24.3	67.8	54.1	0.9	44	5.7		
CLL	e P	Z	04:07:25.0	68.0	55.0	0.9	41	5.6		
FBE	e P	Z	04:07:25.7	68.0	55.1	1.4	35	5.4		
NRDL	e P	Z	04:07:30.5	68.7	53.5	1.1	36	5.5		
TANN	e P	Z	04:07:30.5	68.8	54.4	1.1	19	5.2		
WERD	e P	Z	04:07:30.8	68.8	54.3	1.2	19	5.2		
CLZ	e P	Z	04:07:32.3	69.0	53.5	1.1	54	5.7		
GEC2	e P	Z	04:07:31.9	69.0	54.6	1.2	16	5.1		
MOX	e P	Z	04:07:32.3	69.1	53.9	1.3	19	5.2		
ROTZ	e P	Z	04:07:34.0	69.3	54.0	1.1	25	5.2		
WET	e P	Z	04:07:33.8	69.3	54.2	1.3	16	5.0		
UBBA	e P	Z	04:07:36.7	69.8	52.9	1.5	30	5.2		
GRA1	e P	Z	04:07:37.5	69.9	53.4	1.0	64	5.7		
	e L	Z	04:40:46.4			20.1	668		4.9	
IBBN	e P	Z	04:07:37.7	70.0	51.9	0.6	18	5.4		
FUR	e P	Z	04:07:42.8	70.7	53.0	1.2	48	5.5		
BUG	e P	Z	04:07:42.6	70.8	51.4	0.9	28	5.4		
TNS	e P	Z	04:07:44.0	70.9	51.8	1.2	15	5.0		
STU	e P	Z	04:07:46.6	71.5	51.9	1.1	14	5.0		
BFO	e P	Z	04:07:50.8	72.2	51.2	1.0	16	5.1		
WLF	e P	Z	04:07:53.4	72.4	50.2	1.2	30	5.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/04	13:52:33.9	31.343S	179.398W	153.0G				NEIC

Kermadec Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPab	Z	14:12:38.3	156.4	21.1					
RUE	e PKPab	Z	14:12:39.5	156.8	29.6					
CLL	e PKPab	Z	14:12:44.7	158.0	29.4					
BRG	e PKPab	Z	14:12:45.7	158.1	31.9					
FBE	e PKPab	Z	14:12:46.2	158.3	30.6					
CLZ	e PKPab	Z	14:12:46.6	158.3	23.1					
IBBN	e PKPab	Z	14:12:47.0	158.4	16.8					
TANN	e PKPdf	Z	14:12:14.5	159.0	29.3					
	e PKPab	Z	14:12:49.7							
WERD	e PKPab	Z	14:12:49.9	159.0	28.9					

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

12

MOX	e	PKPab	Z	14:12:50.0	159.0	27.1
MANZ	e	PKPab	Z	14:12:52.0	159.5	29.1
ROTZ	e	PKPab	Z	14:12:52.5	159.6	29.6
GEC2	e	PKPab	Z	14:12:53.2	159.9	34.3
WET	e	PKPab	Z	14:12:54.0	159.9	32.0
GRA1	e	PKPab	Z	14:12:55.4	160.0	27.4
TNS	e	PKPab	Z	14:12:55.2	160.2	20.2
WLF	e	PKPab	Z	14:13:00.1	161.2	14.9
BFO	e	PKPab	Z	14:13:02.7	162.0	21.9

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/04	18:48:38.5	78.400N	5.630E	41.4	4.6			SZGRF

Svalbard, Norway, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 18:53:55.0	24.5	357.7	0.9	13	4.7		
NRDL	e P	Z 18:54:08.3	26.0	357.9	1.7	27	4.6		
	e pP	Z 18:54:18.7							
	e sP	Z 18:54:26.6							
CLZ	e P	Z 18:54:14.7	26.6	357.9	1.7	15	4.5		
	e pP	Z 18:54:25.1							
BUG	e P	Z 18:54:17.1	27.0	359.3	1.7	25	4.7		
CLL	e P	Z 18:54:19.4	27.2	356.8	1.8	23	4.6		
FBE	e P	Z 18:54:22.7	27.6	356.7	1.8	40	5.0		
BRG	e P	Z 18:54:23.8	27.7	356.4	1.3	11	4.5		
MOX	e P	Z 18:54:25.0	27.8	357.4	1.1	15	4.7		
	e sP	Z 18:54:44.0							
WERD	e P	Z 18:54:26.7	28.1	357.2	1.4	14	4.6		
TANN	e P	Z 18:54:27.5	28.1	357.1	1.2	13	4.6		
TNS	e P	Z 18:54:28.1	28.2	358.8	1.5	12	4.5		
ROTZ	e P	Z 18:54:33.4	28.7	357.3	1.0	8	4.5		
	e sP	Z 18:54:52.0							
GRA1	e P	Z 18:54:33.6	28.8	357.7	1.1	9	4.5		
	e pP	Z 18:54:44.5							
WET	e P	Z 18:54:38.8	29.4	357.0	1.5	13	4.5		
STU	e P	Z 18:54:41.5	29.7	358.6	1.5	32	4.9		
	e pP	Z 18:54:52.2							
GEC2	e P	Z 18:54:42.2	29.7	356.7	1.0	10	4.6		
	e pP	Z 18:54:52.8							
	e sP	Z 18:55:00.9							
BFO	e P	Z 18:54:45.1	30.1	358.9	1.9	15	4.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/04	18:54: 4.8	76.691N	6.494W	33.0N	4.2			SZGRF

Greenland Sea

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 18:59:52.0	27.9	351.4	1.0	4	4.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/05	00:32:12.6	15.749S	171.217W	16.0				SZGRF

Samoa Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e PKPbc	Z 00:51:40.8	143.9	2.6					
BUG	e PKPbc	Z 00:51:42.5	144.3	357.5					
BRG	e PKPbc	Z 00:51:43.2	144.6	8.6					
FBE	e PKPbc	Z 00:51:43.8	144.6	7.6					
MOX	e PKPbc	Z 00:51:44.6	145.0	4.8					
WERD	e PKPbc	Z 00:51:45.2	145.2	5.9					
TANN	e PKPbc	Z 00:51:45.3	145.2	6.2					
GUNZ	e PKPbc	Z 00:51:45.7	145.3	6.0					
TNS	e PKPbc	Z 00:51:46.7	145.5	359.4					
MANZ	e PKPbc	Z 00:51:47.1	145.7	5.7					
ROTZ	e PKPbc	Z 00:51:48.0	145.9	5.9					
GRA1	e PKPbc	Z 00:51:48.5	146.0	4.2					
	e pPKPbc	Z 00:51:53.3							
	e	00:51:59.9							
WLF	e PKPbc	Z 00:51:48.9	146.0	355.5					
WET	e PKPbc	Z 00:51:49.8	146.4	7.1					
GEC2	e PKPbc	Z 00:51:50.3	146.7	8.6					
STU	e PKPbc	Z 00:51:51.1	147.0	0.7					
BFO	e PKPbc	Z 00:51:52.5	147.4	359.2					
FUR	e PKPbc	Z 00:51:52.7	147.5	4.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/05	03:44:10.9	20.880S	173.540W	36.8		5.4		SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e PKPbc	Z 04:03:46.4	145.9	11.5					
BSEG	e PKPbc	Z 04:03:49.3	146.8	6.6					
RUE	e PKPbc	Z 04:03:52.2	147.9	12.9					
NRDL	e PKPbc	Z 04:03:53.5	148.3	6.5					
CLZ	e PKPbc	Z 04:03:55.6	148.9	7.1					
CLL	e PKPdf	Z 04:03:51.5	149.1	12.0					
	e PKPbc	Z 04:03:55.7			1.3	45			
	e PKPab	Z 04:04:00.3							
	e pPKPbc	Z 04:04:02.7							
	e PP	Z 04:07:20.8							

	e PPP	Z	04:10:48.3								
	e PSKS	N	04:17:42.8								
	e PPS	Z	04:20:08.8								
	e SS	E	04:26:39.4								
	e L	Z	05:14:28.4			20.0	868		5.5		
BUG	e PKPbc	Z	04:03:56.4	149.4	1.5						
BRG	e PKPbc	Z	04:03:56.5	149.4	13.8						
FBE	e PKPbc	Z	04:03:56.8	149.5	12.8						
MOX	e PKPbc	Z	04:03:57.9	150.0	9.7						
WERD	e PKPbc	Z	04:03:58.3	150.1	11.0						
	e pPKPbc	Z	04:04:09.0								
TANN	e PKPbc	Z	04:03:58.5	150.1	11.3						
GUNZ	e PKPbc	Z	04:03:58.6	150.2	11.1						
	e pPKPbc	Z	04:04:09.5								
MANZ	e PKPbc	Z	04:03:59.6	150.6	10.8						
TNS	e PKPbc	Z	04:03:59.4	150.6	3.8						
ROTZ	e PKPbc	Z	04:04:00.0	150.8	11.0						
GRA1	e PKPbc	Z	04:04:00.5	150.9	9.2						
	e PP	Z	04:07:42.0								
	e SKKSac	R	04:14:28.0								
	e SS	T	04:26:54.8								
	e SSS	T	04:32:42.1								
	e L	Z	05:13:28.6			21.2	641		5.4		
WLF	e PKPbc	Z	04:04:01.3	151.2	359.4						
WET	e PKPbc	Z	04:04:01.0	151.3	12.6						
	e pPKPbc	Z	04:04:12.4								
GEC2	e PKPbc	Z	04:04:01.4	151.4	14.3						
	e pPKPbc	Z	04:04:12.8								
BFO	e PKPbc	Z	04:04:03.6	152.5	3.8						

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/05 10:19:23.0 4.476S 151.805E 185.7G
 New Britain, Papua New Guinea, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKPdf	Z 10:37:55.5	121.8	51.9					
TANN	e PKPdf	Z 10:37:57.4	122.8	50.6					
WERD	e PKPdf	Z 10:37:57.7	122.9	50.4					
GUNZ	e PKPdf	Z 10:37:57.9	122.9	50.5					
MOX	e PKPdf	Z 10:37:58.1	123.1	49.6					
GEC2	e PKPdf	Z 10:37:58.0	123.2	52.7					
MANZ	e PKPdf	Z 10:37:58.6	123.3	50.5					
WET	e PKPdf	Z 10:37:58.5	123.4	51.7					
GRA1	e PKPdf	Z 10:37:47.6	123.9	49.7					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/05	17:08:41.6	40.550N	142.820E	45.8	5.5	4.7		SZGRF

Near east coast of eastern Honshu, Japan

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e P	Z	17:20:23.4	75.6	37.3	1.2	121	5.9		
RUE	e P	Z	17:20:31.7	77.1	37.3	1.5	126	5.8		
BSEG	e P	Z	17:20:32.1	77.1	35.1	1.3	72	5.6		
HLG	e P	Z	17:20:35.4	77.7	33.4	1.0	50	5.6		
BRG	e P	Z	17:20:38.2	78.3	37.2	1.1	35	5.3		
CLL	e P	Z	17:20:37.9	78.3	36.6	1.0	47	5.5		
NRDL	e P	Z	17:20:38.8	78.4	34.8	2.0	94	5.5		
FBE	e P	Z	17:20:39.4	78.5	36.8	2.0	192	5.8		
CLZ	e P	Z	17:20:41.6	78.8	34.9	1.5	103	5.7		
TANN	e P	Z	17:20:43.5	79.2	36.1	1.6	39	5.1		
WERD	e P	Z	17:20:43.6	79.2	36.0	1.7	64	5.3		
GUNZ	e P	Z	17:20:44.1	79.3	36.0	1.7	65	5.3		
MOX	e P	Z	17:20:44.1	79.3	35.6	1.3	41	5.2		
MANZ	e P	Z	17:20:46.2	79.7	35.8	1.2	31	5.1		
UBBA	e P	Z	17:20:46.8	79.8	34.5	1.4	33	5.1		
ROTZ	e P	Z	17:20:47.3	79.8	35.9	1.8	131	5.6		
GEC2	e P	Z	17:20:47.5	80.0	36.8	1.0	26	5.1		
	e pP	Z	17:21:00.6							
WET	e P	Z	17:20:48.4	80.1	36.3	1.4	61	5.4		
BUG	e P	Z	17:20:48.7	80.2	32.7	1.5	82	5.5		
	e pP	Z	17:21:02.3							
GRA1	e P	Z	17:20:49.6	80.2	35.2	1.8	260	6.0		
	e pP	Z	17:21:02.8							
	e PP	Z	17:24:02.0							
	e S	R	17:31:12.4							
	e L	Z	17:58:52.4			21.3	402		4.7	
TNS	e P	Z	17:20:52.1	80.8	33.4	1.7	73	5.4		
FUR	e P	Z	17:20:55.9	81.5	35.1	1.0	79	5.8		
STU	e P	Z	17:20:57.0	81.8	33.8	1.1	64	5.7		
WLF	e P	Z	17:20:59.0	82.1	31.8	0.9	19	5.2		
BFO	e P	Z	17:21:00.6	82.4	33.1	2.1	157	5.9		
	e pP	Z	17:21:13.7							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/05	21:11:51.9	40.144N	143.507E	33.0N	4.5			SZGRF

Off east coast of Honshu, Japan

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	21:24:03.0	80.9	34.9	0.9	5	4.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/06	01:15:14.1	22.692S	179.058W	33.0N				SZGRF

South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	01:34:56.6	148.0	16.5					
RUE	e PKPbc	Z	01:34:58.1	148.6	23.2					
NRDL	e PKPbc	Z	01:34:59.5	149.4	16.8					
CLL	e PKPbc	Z	01:35:00.9	149.9	22.6					
CLZ	e PKPbc	Z	01:35:01.6	150.0	17.6					
BRG	e PKPbc	Z	01:35:01.4	150.1	24.6					
FBE	e PKPbc	Z	01:35:01.7	150.2	23.5					
MOX	e PKPbc	Z	01:35:03.3	150.8	20.5					
WERD	e PKPbc	Z	01:35:03.3	150.9	21.9					
GUNZ	e PKPbc	Z	01:35:03.6	150.9	22.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/06	03:57:57.9	39.800N	71.560E	33.0N	5.5	5.4		SZGRF

Tajikistan

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z	04:05:38.2	40.8	84.3	1.2	93	5.4		
BRG	e P	Z	04:05:39.5	40.9	82.6	1.9	222	5.6		
RGN	e P	Z	04:05:39.8	40.9	86.3	1.3	519	6.1		
FBE	e P	Z	04:05:42.5	41.2	82.2	1.2	130	5.5		
GEC2	e P	Z	04:05:43.4	41.3	80.1	1.0	95	5.5		
	e pP	Z	04:05:50.9							
	e sP	Z	04:05:54.2							
	e PP	Z	04:07:18.5							
	e PPP	Z	04:07:49.0							
	e S	N	04:12:03.0							
	e SS	N	04:15:07.3							
	e SSS	Z	04:15:52.7							
	e LR	Z	04:18:11.2							
	e L	Z	04:24:05.8			22.0	8013		5.6	
WET	e P	Z	04:05:47.2	41.8	79.9	0.9	74	5.4		
TANN	e P	Z	04:05:47.7	41.9	81.1	1.7	134	5.4		
GUNZ	e P	Z	04:05:48.5	42.0	80.9	1.8	141	5.4		
WERD	e P	Z	04:05:48.3	42.0	81.0	1.2	52	5.1		
ROTZ	e P	Z	04:05:50.2	42.1	80.2	1.4	71	5.2		
MANZ	e P	Z	04:05:50.4	42.2	80.3	1.8	122	5.3		
MOX	e P	Z	04:05:51.6	42.4	80.7	1.1	66	5.3		
BSEG	e P	Z	04:05:54.7	42.7	83.4	1.2	141	5.6		
GRA1	e P	Z	04:05:55.8	42.8	79.5	0.9	127	5.7		
	e PP	Z	04:07:34.0							
	e S	N	04:12:24.2							
	e S	R	04:12:24.7							

	e SS	R	04:15:43.0								
	e L	Z	04:22:28.3			29.8	6903		5.4		
CLZ	e P	Z	04:05:56.4	42.9	81.2	1.4	108		5.4		
NRDL	e P	Z	04:05:57.2	43.0	81.7	1.3	204		5.7		
FUR	e P	Z	04:05:57.3	43.0	77.9	0.9	203		5.8		
GTTG	e P	Z	04:05:58.9	43.2	80.6	1.1	141		5.6		
UBBA	e P	Z	04:05:59.9	43.3	79.9	1.2	65		5.2		
HLG	e P	Z	04:06:05.7	44.1	81.9	1.4	216		5.7		
STU	e P	Z	04:06:06.9	44.3	77.3	0.9	79		5.4		
TNS	e P	Z	04:06:08.2	44.4	78.3	0.8	35		5.3		
IBBN	e P	Z	04:06:08.5	44.4	79.9	1.3	184		5.9		
BUG	e P	Z	04:06:12.1	44.9	78.7	1.3	119		5.7		
BFO	e P	Z	04:06:11.7	44.9	76.3	1.5	128		5.6		
WLF	e P	Z	04:06:20.9	46.0	76.3	1.3	148		5.9		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/06 05:30:42.5 39.309N 71.302E 33.0N 4.3
 Tajikistan SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 05:38:38.0	42.9	80.2	1.1	6	4.3		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/06 06:26:12.1 39.420N 71.669E 33.0N
 Tajikistan SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 06:34:09.1	43.1	79.9	0.8	11			

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/06 07:17: 4.0 6.885S 155.302E 201.3G
 Bougainville - Solomon Islands region NEIC

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPdf	Z 07:35:40.4	125.1	44.2					
BRG	e PKPdf	Z 07:35:41.2	125.6	49.7					
CLL	e PKPdf	Z 07:35:41.0	125.8	48.4					
FBE	e PKPdf	Z 07:35:41.5	125.9	49.0					
NRDL	e PKPdf	Z 07:35:42.6	126.3	44.6					
CLZ	e PKPdf	Z 07:35:43.5	126.6	45.3					
TANN	e PKPdf	Z 07:35:43.1	126.6	48.3					
WERD	e PKPdf	Z 07:35:43.3	126.7	48.2					
GUNZ	e PKPdf	Z 07:35:43.7	126.7	48.2					

	e PP	Z	07:37:42.6		
MOX	e PKPdf	Z	07:35:43.7	126.9	47.3
GEC2	e PKPdf	Z	07:35:44.0	127.0	50.6
MANZ	e PKPdf	Z	07:35:44.0	127.1	48.2
ROTZ	e PKPdf	Z	07:35:44.2	127.2	48.4
WET	e PKPdf	Z	07:35:44.4	127.3	49.5
UBBA	e PKPdf	Z	07:35:44.9	127.5	45.4
GRA1	e PKPdf	Z	07:35:45.1	127.7	47.4
BUG	e PKPdf	Z	07:35:46.2	128.2	42.0
TNS	e PKPdf	Z	07:35:47.1	128.6	44.0
BFO	e PKPdf	Z	07:35:48.6	130.0	44.9

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/06 15:11:39.2 9.530S 165.520E 66.0 SZGRF
 Santa Cruz Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e PP	Z	15:32:53.5	129.9	36.8					
RUE	e PP	Z	15:33:02.9	131.3	38.4					
BSEG	e PP	Z	15:33:03.6	131.4	33.4					
HLG	e PP	Z	15:33:07.1	131.9	30.3					
BRG	e PKPdf	Z	15:30:46.4	132.5	39.6					
	e PP	Z	15:33:10.6							
CLL	e PKPdf	Z	15:30:45.1	132.5	38.2	1.5	14			
	e pPKPdf	Z	15:31:06.3							
	e sPKPdf	Z	15:31:12.3							
	e PP	Z	15:33:11.0							
	e SKPdf	Z	15:34:12.3							
	e PKSdf	E	15:34:18.4							
	e PPS	N	15:45:13.3							
	e LR	Z	16:14:56.2							
	e L	Z	16:27:16.8			22.0	547		5.2	
NRDL	e PP	Z	15:33:11.5	132.6	33.9					
	e pPP	Z	15:33:36.1							
FBE	e PKPdf	Z	15:30:47.1	132.7	38.8					
CLZ	e PKPdf	Z	15:30:47.7	133.1	34.6					
	e PP	Z	15:33:14.8							
TANN	e PKPdf	Z	15:30:49.1	133.5	38.0					
	e PP	Z	15:33:16.9							
GTTG	e PP	Z	15:33:16.9	133.5	34.2					
WERD	e PKPdf	Z	15:30:49.6	133.5	37.8					
GUNZ	e PKPdf	Z	15:30:48.3	133.5	37.9					
IBBN	e PP	Z	15:33:17.5	133.6	31.0					
MOX	e PKPdf	Z	15:30:49.7	133.6	36.8					
	e PP	Z	15:33:17.7							
	e pPP	Z	15:33:41.8							
MANZ	e PKPdf	Z	15:30:48.4	133.9	37.8					

	e PP	Z	15:33:20.6		
UBBA	e PP	Z	15:33:20.8	134.1	34.7
ROTZ	e PKPdf	Z	15:30:49.7	134.1	38.1
	e PP	Z	15:33:21.1		
GEC2	e PKPdf	Z	15:30:49.1	134.2	40.5
	e PP	Z	15:33:21.1		
WET	e PKPdf	Z	15:30:49.2	134.3	39.3
	e PP	Z	15:33:22.1		
	e pPP	Z	15:33:45.0		
BUG	e PP	Z	15:33:23.0	134.5	30.8
GRA1	e PKPdf	Z	15:30:50.0	134.5	36.9
	e PP	Z	15:33:23.5		
GRFO	e PP	Z	15:33:23.5	134.5	36.9
TNS	e PP	Z	15:33:27.3	135.1	33.0
FUR	e PP	Z	15:33:30.9	135.7	37.9
STU	e PP	Z	15:33:33.1	136.0	34.8
WLF	e PP	Z	15:33:35.8	136.4	30.2
BFO	e PP	Z	15:33:37.0	136.7	33.9

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/07 07:26:15.5 14.865S 173.044W 43.1 6.0
 Samoa Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 07:45:34.3	140.8	5.1					
NRDL	e PKPbc	Z 07:45:38.5	142.3	5.0					
IBBN	e PKPbc	Z 07:45:40.2	142.6	1.3					
CLZ	e PKPbc	Z 07:45:40.1	142.9	5.5					
CLL	e PKPpre	Z 07:45:40.0	143.2	9.8					
	e PKPdf	Z 07:45:41.8							
	e pPKP	Z 07:45:55.4							
	e PP	Z 07:48:53.5							
	e PPP	Z 07:52:12.9							
	e SKKSac	Z 07:55:45.2							
	e PPS	N 08:01:31.1							
	e SS	N 08:07:34.3							
	e SSS	N 08:13:00.7							
	e LR	Z 08:33:38.6							
	e L	Z 08:47:25.6			22.0	3004		6.0	
BUG	e PKPbc	Z 07:45:42.4	143.4	0.5					
BRG	e PKPbc	Z 07:45:41.1	143.6	11.4					
FBE	e PKPbc	Z 07:45:41.4	143.6	10.5					
UBBA	e PKPbc	Z 07:45:43.0	144.0	5.0					
MOX	e PKPbc	Z 07:45:43.5	144.0	7.7					
	e pPKPbc	Z 07:45:55.9							
WERD	e PKPbc	Z 07:45:43.7	144.2	8.9					
	e pPKPbc	Z 07:45:56.6							

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

20

TANN	e	PKPbc	Z	07:45:43.5	144.2	9.1					
GUNZ	e	PKPbc	Z	07:45:43.8	144.2	8.9					
	e	pPKPbc	Z	07:45:56.7							
MANZ	e	PKPbc	Z	07:45:45.4	144.6	8.6					
ROTZ	e	PKPbc	Z	07:45:46.1	144.8	8.8					
	e	pPKPbc	Z	07:45:58.9							
GRA1	e	PKPbc	Z	07:45:46.6	145.0	7.2					
	e	pPKPbc	Z	07:45:59.6							
	e	L	Z	08:49:26.0			22.0	2788		6.0	
WET	e	pPKPbc	Z	07:46:00.4	145.4	10.1					
GEC2	e	PKPbc	Z	07:45:47.5	145.6	11.6					
	e	pPKPbc	Z	07:46:00.8							
STU	e	PKPbc	Z	07:45:49.9	146.0	3.9					
	e	pPKPbc	Z	07:46:02.6							
BFO	e	PKPbc	Z	07:45:50.9	146.5	2.4					
	e	pPKPbc	Z	07:46:04.2							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/07	10:06:13.4	10.900S	164.300E	34.0N				NEIC

Santa Cruz Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e	PKPdf	Z	10:25:23.5	132.2	35.6			
BRG	e	PKPdf	Z	10:25:26.7	133.3	41.8			
CLL	e	PKPdf	Z	10:25:26.3	133.3	40.4			
FBE	e	PKPdf	Z	10:25:26.9	133.5	41.1			
NRDL	e	PKPdf	Z	10:25:27.7	133.5	36.1			
CLZ	e	PKPdf	Z	10:25:27.5	133.9	36.8			
TANN	e	PKPdf	Z	10:25:28.1	134.2	40.3			
GUNZ	e	PKPdf	Z	10:25:28.1	134.3	40.2			
MOX	e	PKPdf	Z	10:25:27.7	134.4	39.1			
MANZ	e	PKPdf	Z	10:25:29.0	134.7	40.1			
ROTZ	e	PKPdf	Z	10:25:29.3	134.8	40.4			
GEC2	e	PKPdf	Z	10:25:28.9	134.9	42.9			
UBBA	e	PKPdf	Z	10:25:30.1	134.9	36.9			
WET	e	PKPdf	Z	10:25:29.3	135.0	41.6			
GRA1	e	PKPdf	Z	10:25:29.7	135.3	39.2			
BUG	e	PKPdf	Z	10:25:27.9	135.4	33.0			
BFO	e	PKPdf	Z	10:25:31.0	137.5	36.3			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/07	14:12: 7.8	43.640N	101.890E	33.0N	5.1	4.5		SZGRF

Mongolia

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

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

21

BRG	e P	Z	14:21:48.5	56.5	60.1	1.1	20	5.1	
CLL	e P	Z	14:21:50.3	56.8	59.8	0.9	23	5.2	
FBE	e P	Z	14:21:50.7	56.8	59.8	1.1	18	5.0	
BSEG	e P	Z	14:21:51.1	56.9	59.7	1.1	33	5.3	
TANN	e P	Z	14:21:55.8	57.6	59.0	1.0	11	4.8	
GUNZ	e P	Z	14:21:56.9	57.7	58.9	0.9	18	5.1	
GEC2	e P	Z	14:21:57.0	57.7	58.9	1.0	9	4.8	
NRDL	e P	Z	14:21:58.5	57.7	58.8	1.1	31	5.3	
MOX	e P	Z	14:21:58.4	57.9	58.7	1.0	23	5.1	
CLZ	e P	Z	14:21:58.8	57.9	58.6	1.0	28	5.2	
MANZ	e P	Z	14:21:59.4	58.0	58.6	0.9	7	4.7	
WET	e P	Z	14:21:59.3	58.0	58.6	1.1	15	4.9	
ROTZ	e P	Z	14:21:59.9	58.0	58.5	1.0	17	5.0	
GTTG	e P	Z	14:22:01.4	58.3	58.2	0.9	34	5.4	
GRA1	e P	Z	14:22:03.9	58.6	58.0	0.9	46	5.5	
	e L	Z	14:49:40.8			21.1	411		4.5
UBBA	e P	Z	14:22:03.8	58.7	57.9	0.9	6	4.6	
IBBN	e P	Z	14:22:06.5	59.1	57.3	0.6	20	5.3	
BUG	e P	Z	14:22:11.8	59.8	56.6	1.0	30	5.3	
BFO	e P	Z	14:22:19.1	60.9	55.7	1.0	14	4.7	

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/07 17:43:41.5 15.777N 94.466W 33.0N 4.7 4.4
 Near coast of Oaxaca, Mexico

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z	17:56:12.2	84.7	288.2	0.9	15	5.2		
BSEG	e P	Z	17:56:16.3	85.7	291.1	0.7	6	4.8		
NRDL	e P	Z	17:56:17.5	86.1	291.0	0.9	6	4.7		
CLZ	e P	Z	17:56:20.4	86.5	291.3	0.8	4	4.5		
GRA1	e P	Z	17:56:27.5	87.8	292.0	0.8	3	4.7		
	e L	Z	18:37:09.7			18.1	130		4.4	
WERD	e P	Z	17:56:28.3	88.1	292.8	1.0	3	4.6		
GUNZ	e P	Z	17:56:29.3	88.2	292.8	1.2	6	4.8		
MANZ	e P	Z	17:56:28.5	88.2	292.7	1.3	6	4.8		
CLL	e P	Z	17:56:28.2	88.2	293.3	1.1	5	4.7		
TANN	e P	Z	17:56:28.5	88.2	292.9	1.3	6	4.8		
ROTZ	e P	Z	17:56:29.1	88.3	292.7	0.9	2	4.4		
FBE	e P	Z	17:56:30.0	88.5	293.6	0.9	3	4.6		
BRG	e P	Z	17:56:31.7	88.9	294.0	1.0	6	4.8		
WET	e P	Z	17:56:32.5	89.0	293.3	0.9	4	4.7		
GEC2	e P	Z	17:56:35.5	89.6	293.9	0.9	2	4.4		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/07 20:05:10.9 27.980S 179.860E 33.0G
 SZGRF

Kermadec Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPdf	Z	20:24:53.7	154.7	28.0					
	e PKPdf	Z	20:25:05.4							
	e PKPab	Z	20:25:23.0			1.6	13			
BRG	e PKPab	Z	20:25:23.6	154.8	30.3					
CLZ	e PKPab	Z	20:25:23.5	154.9	22.3					
FBE	e PKPab	Z	20:25:24.2	154.9	29.1					
TANN	e PKPab	Z	20:25:27.8	155.6	27.8					
WERD	e PKPab	Z	20:25:27.9	155.6	27.5					
GUNZ	e PKPab	Z	20:25:27.7	155.7	27.6					
ROTZ	e PKPab	Z	20:25:30.2	156.3	28.0					
GEC2	e PKPab	Z	20:25:32.0	156.6	32.1					
WET	e PKPab	Z	20:25:32.2	156.6	30.0					
GRA1	e PKPab	Z	20:25:31.3	156.6	26.0					
WLF	e PKPab	Z	20:25:37.7	157.8	14.8					
BFO	e PKPab	Z	20:25:40.0	158.6	20.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/07	20:35:35.2	5.500S	151.500E	33.0G				NEIC

New Britain, Papua New Guinea, region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPdf	Z	20:35:31.9	122.3	47.6					
BRG	e PKPdf	Z	20:35:32.3	122.5	52.8					
CLL	e PKPdf	Z	20:35:32.5	122.7	51.6	1.2	9			
	e pPKPdf	Z	20:35:56.7							
FBE	e PKPdf	Z	20:35:32.9	122.8	52.2					
NRDL	e PKPdf	Z	20:35:35.0	123.3	48.0					
TANN	e PKPdf	Z	20:35:34.3	123.6	51.5					
WERD	e PKPdf	Z	20:35:34.4	123.6	51.4					
CLZ	e PKPdf	Z	20:35:34.7	123.7	48.6					
GUNZ	e PKPdf	Z	20:35:34.7	123.7	51.4					
MOX	e PKPdf	Z	20:35:34.3	123.8	50.5					
GEC2	e PKPdf	Z	20:35:34.7	123.9	53.6					
MANZ	e PKPdf	Z	20:35:35.3	124.0	51.4					
ROTZ	e PKPdf	Z	20:35:35.3	124.1	51.6					
WET	e PKPdf	Z	20:35:35.5	124.1	52.6					
IBBN	e PKPdf	Z	20:35:36.8	124.5	45.6					
GRA1	e PKPdf	Z	20:35:36.2	124.6	50.6					
BUG	e PKPdf	Z	20:35:37.9	125.3	45.5					
BFO	e PKPdf	Z	20:35:40.6	127.0	48.3					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
------	-------------	-----	------	-------	----	----	----	--------

2006/07/07 21:13:25.3
Banda Sea

6.944S 129.553E 114 5.1

NEIC

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKiKP	Z	21:31:46.1	111.4	74.1					
CLL	e PKiKP	Z	21:31:46.5	111.8	73.1					
GEC2	e PKiKP	Z	21:31:47.0	112.1	74.6					
TANN	e PKiKP	Z	21:31:48.3	112.4	73.0					
WERD	e PKiKP	Z	21:31:48.7	112.5	72.8					
WET	e PKiKP	Z	21:31:47.7	112.5	73.8					
GUNZ	e PKiKP	Z	21:31:48.6	112.5	72.9					
BSEG	e PKiKP	Z	21:31:48.6	112.6	69.7					
MANZ	e PKiKP	Z	21:31:49.1	112.8	72.8					
MOX	e PKiKP	Z	21:31:49.2	112.9	72.2					
NRDL	e PKiKP	Z	21:31:50.8	113.2	70.1					
CLZ	e PKiKP	Z	21:31:49.6	113.2	70.6					
GRA1	e PKiKP	Z	21:31:49.8	113.4	72.2					
FUR	e PKiKP	Z	21:31:50.7	113.8	72.9					
BFO	e PKiKP	Z	21:31:53.6	115.6	70.4					

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/07 21:49:32.3 15.460N 93.210W 33.0N 4.9
 Near coast of Chiapas, Mexico

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BUG	e P	Z	22:02:01.8	84.3	287.7					
IBBN	e P	Z	22:02:01.9	84.3	288.0	1.1	22	5.3		
BSEG	e P	Z	22:02:06.4	85.3	289.9	1.0	39	5.6		
NRDL	e P	Z	22:02:09.0	85.6	289.8	1.0	20	5.2		
GTTG	e P	Z	22:02:10.1	85.9	289.8	1.5	31	5.2		
BFO	e P	Z	22:02:09.6	85.9	288.8	1.2	8	4.7		
CLZ	e P	Z	22:02:10.5	86.0	290.1	1.2	21	5.2		
UBBA	e P	Z	22:02:12.1	86.1	289.9	1.6	16	4.9		
MOX	e P	Z	22:02:15.4	87.1	291.1	1.5	15	4.9		
GRA1	e P	Z	22:02:16.9	87.3	290.9	0.9	7	4.8		
WERD	e P	Z	22:02:18.0	87.6	291.6	1.4	11	5.0		
GUNZ	e P	Z	22:02:18.5	87.7	291.7	1.5	13	5.1		
MANZ	e P	Z	22:02:18.8	87.7	291.5	1.0	3	4.6		
CLL	e P	Z	22:02:18.3	87.7	292.1	0.8	5	4.9		
TANN	e P	Z	22:02:19.8	87.7	291.8	1.0	7	4.9		
FBE	e P	Z	22:02:20.5	88.1	292.4	0.6	3	4.8		
BRG	e P	Z	22:02:21.9	88.4	292.9	0.8	4	4.7		
WET	e P	Z	22:02:22.3	88.5	292.1	0.8	4	4.7		
GEC2	e P	Z	22:02:25.1	89.1	292.7	1.2	6	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/08	20:40:2.6	50.913N	179.658E	33.0N	6.4	6.5		SZGRF

Rat Islands, Aleutian Islands, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	20:51:39.7	74.8	6.9	1.1	665	6.6		
NRDL	e P	Z	20:51:48.5	76.2	6.8	1.1	480	6.5		
IBBN	e P	Z	20:51:49.8	76.6	5.2	1.4	1568	6.9		
CLZ	e P	Z	20:51:51.6	76.8	6.9	1.4	990	6.8		
CLL	e P	Z	20:51:52.3	77.2	8.6	1.1	225	6.2		
	e pP	Z	20:52:09.6							
	e PP	Z	20:54:45.1							
	e PPP	Z	20:56:39.9							
	e S	E	21:01:39.3							
	e PPS	N	21:02:40.2							
	e SS	N	21:06:50.4							
	e SSSS	E	21:12:29.0							
	e LR	Z	21:17:52.9							
	e L	Z	21:29:30.8			22.0	31042		6.6	
BUG	e P	Z	20:51:54.3	77.4	4.9	1.2	422	6.4		
BRG	e P	Z	20:51:54.6	77.5	9.2	1.2	296	6.3		
UBBA	e P	Z	20:51:57.4	77.9	6.6	1.6	337	6.2		
MOX	e P	Z	20:51:57.3	77.9	7.7	1.2	308	6.3		
TANN	e P	Z	20:51:58.3	78.1	8.2					
MANZ	e P	Z	20:52:00.7	78.5	8.0					
TNS	e P	Z	20:52:00.8	78.6	5.6					
ROTZ	e P	Z	20:52:02.1	78.8	8.0					
GRA1	e P	Z	20:52:03.1	78.9	7.4	1.1	661	6.6		
	e PP	Z	20:55:08.5							
	e S	N	21:02:06.0							
	e SS	N	21:07:20.1							
	e L	Z	21:29:31.7			21.5	23015		6.5	
WLF	e P	Z	20:52:04.8	79.3	4.2					
WET	e P	Z	20:52:05.1	79.3	8.4					
GEC2	e P	Z	20:52:06.1	79.5	9.0	1.2	199	5.9		
STU	e P	Z	20:52:08.3	80.0	6.1					
FUR	e P	Z	20:52:11.0	80.4	7.4	1.1	409	6.4		
BFO	e P	Z	20:52:11.0	80.5	5.5	1.4	350	6.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/08	20:50:21.1	51.442N	179.545E	33.0N	5.3			SZGRF

Rat Islands, Aleutian Islands, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	21:01:55.2	74.2	7.0	0.9	62	5.6		
IBBN	e P	Z	21:02:05.3	76.0	5.3					
CLZ	e P	Z	21:02:07.2	76.3	6.9	1.0	61	5.7		

CLL	e P	Z	21:02:08.0	76.6	8.6	1.0	19	5.2
BUG	e P	Z	21:02:09.8	76.9	4.9	1.0	31	5.4
BRG	e P	Z	21:02:10.1	77.0	9.2	1.0	21	5.2
UBBA	e P	Z	21:02:12.6	77.4	6.7			
MOX	e P	Z	21:02:12.8	77.4	7.7	1.0	24	5.3
TANN	e P	Z	21:02:13.8	77.6	8.2			
MANZ	e P	Z	21:02:16.3	78.0	8.0			
TNS	e P	Z	21:02:16.3	78.1	5.7			
ROTZ	e P	Z	21:02:17.7	78.2	8.0			
GRA1	e P	Z	21:02:18.7	78.4	7.4	0.9	48	5.5
WLF	e P	Z	21:02:20.4	78.7	4.2			
WET	e P	Z	21:02:20.6	78.8	8.4	1.1	14	4.9
GEC2	e P	Z	21:02:21.6	79.0	8.9	1.0	14	4.9
STU	e P	Z	21:02:23.8	79.4	6.1			
FUR	e P	Z	21:02:26.5	79.9	7.4	1.0	31	5.2
BFO	e P	Z	21:02:26.5	79.9	5.5	1.0	15	4.9

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/08	21:13:14.1	52.693N	178.454E	33.0N	4.8			SZGRF
Rat Islands, Aleutian Islands, United States								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 21:24:40.9	72.9	7.5	1.0	12	5.0		
NRDL	e P	Z 21:24:49.7	74.4	7.3					
IBBN	e P	Z 21:24:50.7	74.7	5.8					
CLZ	e P	Z 21:24:52.6	75.0	7.4	0.8	8	4.8		
BRG	e P	Z 21:24:55.9	75.6	9.6	1.8	14	4.8		
MOX	e P	Z 21:24:57.9	76.1	8.2	1.0	3	4.4		
MANZ	e P	Z 21:25:02.2	76.7	8.5					
TNS	e P	Z 21:25:02.1	76.7	6.2					
GRA1	e P	Z 21:25:04.3	77.0	7.9	1.2	15	5.0		
WET	e P	Z 21:25:06.3	77.4	8.9					
GEC2	e P	Z 21:25:07.5	77.6	9.4					
FUR	e P	Z 21:25:13.0	78.6	7.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/08	21:38:13.3	1.991N	97.042E	33.0N	5.0			SZGRF
Northern Sumatera, Indonesia								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 21:50:40.8	84.1	94.1	2.8	65	5.4		
GEC2	e P	Z 21:50:41.0	84.1	93.7	1.3	10	4.9		
WET	e P	Z 21:50:44.1	84.7	93.1	0.9	6	4.8		
CLL	e P	Z 21:50:43.6	84.7	93.4	0.8	5	4.8		
ROTZ	e P	Z 21:50:46.6	85.1	92.7					

MANZ	e P	Z	21:50:46.8	85.2	92.6				
MOX	e P	Z	21:50:47.9	85.6	92.3				
GRA1	e P	Z	21:50:49.6	85.8	91.9	1.0	10	4.9	
CLZ	e P	Z	21:50:52.2	86.4	91.4	0.8	13	5.1	
BSEG	e P	Z	21:50:52.3	86.5	91.5	1.0	13	5.0	
NRDL	e P	Z	21:50:54.3	86.6	91.2				
TNS	e P	Z	21:50:58.5	87.6	89.8				
BFO	e P	Z	21:50:58.3	87.7	89.6	1.1	6	4.9	
IBBN	e P	Z	21:51:00.3	88.0	89.3				
BUG	e P	Z	21:51:01.7	88.3	88.9	0.9	11	5.2	
WLF	e P	Z	21:51:05.7	89.1	88.0				

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/08	21:47:39.0	51.798N	178.988E	33.0N	4.7			SZGRF
Rat Islands, Aleutian Islands, United States								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	21:59:11.0	73.8	7.3	0.9	15	5.0		
NRDL	e P	Z	21:59:19.9	75.3	7.1					
IBBN	e P	Z	21:59:20.9	75.6	5.6					
CLZ	e P	Z	21:59:22.9	75.9	7.2	0.9	15	5.1		
CLL	e P	Z	21:59:23.9	76.2	8.9	0.8	6	4.8		
BUG	e P	Z	21:59:25.8	76.5	5.3					
BRG	e P	Z	21:59:25.7	76.6	9.4	0.9	6	4.7		
UBBA	e P	Z	21:59:28.2	77.0	7.0					
MOX	e P	Z	21:59:28.6	77.0	8.0	0.8	5	4.7		
TANN	e P	Z	21:59:29.6	77.2	8.5					
MANZ	e P	Z	21:59:32.3	77.6	8.3					
TNS	e P	Z	21:59:32.2	77.7	6.0					
ROTZ	e P	Z	21:59:33.5	77.8	8.3					
GRA1	e P	Z	21:59:34.4	78.0	7.7	0.8	12	5.1		
WLF	e P	Z	21:59:36.4	78.4	4.5					
WET	e P	Z	21:59:36.4	78.4	8.7	0.9	3	4.3		
GEC2	e P	Z	21:59:37.2	78.6	9.2	0.7	4	4.6		
STU	e P	Z	21:59:39.9	79.1	6.4					
BFO	e P	Z	21:59:42.3	79.6	5.9	0.8	3	4.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/08	23:00:45.1	51.138N	179.137E	33.0N	4.8			SZGRF
Rat Islands, Aleutian Islands, United States								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	23:12:20.8	74.5	7.3	0.9	17	5.1		
NRDL	e P	Z	23:12:29.7	76.0	7.1					
IBBN	e P	Z	23:12:30.9	76.3	5.6					

CLZ	e P	Z	23:12:32.7	76.6	7.2	1.0	15	5.1
CLL	e P	Z	23:12:33.5	76.9	8.9	0.7	6	4.8
BUG	e P	Z	23:12:35.3	77.2	5.2			
BRG	e P	Z	23:12:35.6	77.2	9.5	1.0	6	4.7
MOX	e P	Z	23:12:38.3	77.7	8.0	1.1	9	4.8
MANZ	e P	Z	23:12:41.8	78.3	8.3			
TNS	e P	Z	23:12:41.8	78.3	5.9			
ROTZ	e P	Z	23:12:43.2	78.5	8.3			
GRA1	e P	Z	23:12:44.2	78.6	7.7	0.9	14	5.0
WLF	e P	Z	23:12:45.9	79.0	4.5			
WET	e P	Z	23:12:46.1	79.0	8.7	1.2	7	4.6
GEC2	e P	Z	23:12:47.1	79.2	9.2	1.1	6	4.4
STU	e P	Z	23:12:49.4	79.7	6.4			
FUR	e P	Z	23:12:52.0	80.2	7.7	1.4	21	5.0

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/09	00:58:23.6	51.505N	177.305E	33.0N	5.1			SZGRF

Rat Islands, Aleutian Islands, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	01:09:56.2	74.0	8.4	0.9	26	5.2		
NRDL	e P	Z	01:10:05.1	75.4	8.2					
IBBN	e P	Z	01:10:06.3	75.8	6.7					
CLZ	e P	Z	01:10:08.1	76.1	8.3	1.4	31	5.2		
CLL	e P	Z	01:10:08.9	76.3	10.0	1.0	9	4.8		
BRG	e P	Z	01:10:10.2	76.7	10.6	1.6	21	5.0		
MOX	e P	Z	01:10:13.7	77.1	9.1	1.1	12	4.9		
TANN	e P	Z	01:10:13.8	77.3	9.6					
MANZ	e P	Z	01:10:17.2	77.7	9.4					
TNS	e P	Z	01:10:17.3	77.8	7.1					
ROTZ	e P	Z	01:10:18.7	77.9	9.4					
GRA1	e P	Z	01:10:19.7	78.1	8.8	1.0	18	5.2		
WET	e P	Z	01:10:21.6	78.5	9.8					
WLF	e P	Z	01:10:21.4	78.6	5.6					
GEC2	e P	Z	01:10:22.5	78.7	10.3					
STU	e P	Z	01:10:24.7	79.2	7.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/09	03:12:51.9	36.837N	27.496E	33.0N	4.0			SZGRF

Dodecanese Islands, Greece

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	03:16:31.4	15.7	135.0					
WET	e P	Z	03:16:38.3	16.2	133.8					
FUR	e P	Z	03:16:39.9	16.4	127.7					

BRG	e P	Z	03:16:49.4	17.0	140.2			
MANZ	e P	Z	03:16:50.1	17.2	134.1			
TANN	e P	Z	03:16:51.2	17.3	135.8			
GRA1	e P	Z	03:16:53.0	17.4	131.4	2.0	26	4.0
MOX	e P	Z	03:16:59.1	17.9	134.5			
BFO	e P	Z	03:17:00.9	18.1	122.3			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/09	04:16:22.1	51.032N	179.475E	33.0N	5.3	4.9		SZGRF

Rat Islands, Aleutian Islands, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	04:27:58.4	74.6	7.0	0.9	76	5.7		
NRDL	e P	Z	04:28:07.3	76.1	6.9					
IBBN	e P	Z	04:28:08.5	76.4	5.3					
CLZ	e P	Z	04:28:10.3	76.7	7.0	0.9	63	5.7		
CLL	i P	+ Z	04:28:11.3	77.0	8.7	0.9	22	5.3		
	e PP	Z	04:31:02.9							
	e S	E	04:38:07.3							
	e PPS	N	04:38:59.6							
	e SS	N	04:43:17.5							
	e SSSS	E	04:48:49.7							
	e LR	Z	04:53:44.2							
	e L	Z	05:10:15.7			18.0	702		5.0	
BUG	e P	Z	04:28:13.0	77.3	5.0					
BRG	e P	Z	04:28:13.2	77.4	9.3	1.0	25	5.3		
UBBA	e P	Z	04:28:16.1	77.8	6.8					
MOX	e P	Z	04:28:16.0	77.8	7.8	1.0	27	5.3		
TANN	e P	Z	04:28:17.0	78.0	8.3					
MANZ	e P	Z	04:28:19.4	78.4	8.1					
TNS	e P	Z	04:28:19.5	78.5	5.7					
ROTZ	e P	Z	04:28:20.9	78.6	8.1					
GRA1	e P	Z	04:28:21.9	78.8	7.5	0.9	54	5.6		
	e S	N	04:38:24.0							
	e SS	N	04:43:41.2							
	e L	Z	05:11:06.3			18.2	534		4.9	
WLF	e P	Z	04:28:23.6	79.1	4.3					
WET	e P	Z	04:28:23.8	79.2	8.5	0.9	14	4.9		
GEC2	e P	Z	04:28:24.8	79.4	9.0	1.4	27	5.0		
STU	e P	Z	04:28:27.0	79.9	6.2					
FUR	e P	Z	04:28:29.7	80.3	7.5	1.1	44	5.4		
BFO	e P	Z	04:28:29.7	80.3	5.6	1.2	27	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/09	05:44:39.2	51.151N	179.292E	33.0N	4.7			SZGRF

Rat Islands, Aleutian Islands, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	05:56:15.1	74.5	7.2	1.0	12	4.9		
NRDL	e P	Z	05:56:23.7	76.0	7.0					
IBBN	e P	Z	05:56:24.8	76.3	5.5					
CLZ	e P	Z	05:56:26.8	76.6	7.1	1.1	16	5.1		
CLL	e P	Z	05:56:27.7	76.9	8.8	1.1	5	4.6		
BRG	e P	Z	05:56:30.1	77.2	9.4	0.7	3	4.5		
MOX	e P	Z	05:56:32.5	77.7	7.9	1.1	5	4.5		
MANZ	e P	Z	05:56:35.9	78.3	8.2					
TNS	e P	Z	05:56:35.9	78.3	5.8					
ROTZ	e P	Z	05:56:37.2	78.5	8.2					
GRA1	e P	Z	05:56:38.3	78.6	7.6	1.2	14	4.9		
GEC2	e P	Z	05:56:41.1	79.2	9.1	0.7	3	4.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/09	05:46:54.6	51.784N	178.831E	33.0N	5.3	4.9		SZGRF

Rat Islands, Aleutian Islands, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	05:58:26.6	73.8	7.4	0.9	56	5.6		
NRDL	e P	Z	05:58:35.6	75.3	7.2					
IBBN	e P	Z	05:58:36.8	75.6	5.7					
CLZ	e P	Z	05:58:38.5	75.9	7.3	0.8	43	5.6		
CLL	i P	+ Z	05:58:39.8	76.2	9.0	0.8	20	5.3		
	e sP	Z	05:58:56.3							
	e PP	Z	06:01:31.7							
	e S	E	06:08:31.0							
	e PPS	N	06:09:27.3							
	e (SS)	N	06:13:59.1							
	e SSSS	E	06:19:28.6							
	e LR	Z	06:24:11.0							
	e L	Z	06:40:52.6			18.0	645		5.0	
BUG	e P	Z	05:58:41.3	76.5	5.4	0.9	28	5.4		
BRG	e P	Z	05:58:41.8	76.5	9.5	1.9	77	5.5		
UBBA	e P	Z	05:58:44.3	77.0	7.1					
MOX	e P	Z	05:58:44.3	77.0	8.1	1.0	26	5.3		
TANN	e P	Z	05:58:45.3	77.1	8.6					
MANZ	e P	Z	05:58:47.8	77.6	8.4					
TNS	e P	Z	05:58:48.2	77.7	6.1					
ROTZ	e P	Z	05:58:49.1	77.8	8.4					
GRA1	e P	Z	05:58:50.0	78.0	7.8	0.9	46	5.6		
	e S	N	06:08:43.1							
	e SS	N	06:13:54.0							
	e L	Z	06:41:24.9			19.3	497		4.9	
WLF	e P	Z	05:58:52.2	78.4	4.6					

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

30

WET	e P	Z	05:58:52.2	78.4	8.8	1.0	13	4.9
GEC2	e P	Z	05:58:53.2	78.6	9.3	0.8	14	5.0
STU	e P	Z	05:58:55.6	79.1	6.5			
FUR	e P	Z	05:58:58.3	79.5	7.8	1.0	34	5.2
BFO	e P	Z	05:58:58.2	79.6	6.0	2.0	67	5.2

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/09	06:18:13.1	50.900N	179.503E	33.0N	5.4	4.5		SZGRF

Rat Islands, Aleutian Islands, United States

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 06:29:50.2	74.8	7.0	0.9	80	5.7		
NRDL	e P	Z 06:29:59.1	76.2	6.9					
IBBN	e P	Z 06:30:00.3	76.6	5.3					
CLZ	e P	Z 06:30:02.1	76.8	7.0	1.0	76	5.8		
CLL	e P	Z 06:30:02.9	77.2	8.7	1.0	28	5.4		
BUG	e P	Z 06:30:04.8	77.4	5.0	1.2	49	5.5		
BRG	e P	Z 06:30:05.0	77.5	9.3	1.0	28	5.3		
UBBA	e P	Z 06:30:07.9	77.9	6.7					
MOX	e P	Z 06:30:07.7	77.9	7.8	1.0	30	5.4		
TANN	e P	Z 06:30:08.7	78.1	8.3					
MANZ	e P	Z 06:30:11.2	78.5	8.1					
TNS	e P	Z 06:30:11.2	78.6	5.7	0.9	39	5.4		
ROTZ	e P	Z 06:30:12.6	78.8	8.1					
GRA1	e P	Z 06:30:13.6	78.9	7.5	1.0	67	5.6		
	e L	Z 07:02:23.3			21.5	224		4.5	
WLF	e P	Z 06:30:15.3	79.3	4.3					
WET	e P	Z 06:30:15.6	79.3	8.5	1.1	19	4.9		
GEC2	e P	Z 06:30:16.5	79.5	9.1	0.9	17	5.0		
STU	e P	Z 06:30:18.8	80.0	6.2					
FUR	e P	Z 06:30:21.5	80.4	7.5	1.1	50	5.5		
BFO	e P	Z 06:30:21.5	80.5	5.6	1.1	25	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/09	09:18:35.2	50.913N	179.658E	33.0N	4.9			SZGRF

Rat Islands, Aleutian Islands, United States

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 09:30:12.3	74.8	6.9	0.9	17	5.1		
NRDL	e P	Z 09:30:21.1	76.2	6.8					
IBBN	e P	Z 09:30:22.4	76.6	5.2					
CLZ	e P	Z 09:30:24.2	76.8	6.9	1.0	20	5.2		
CLL	e P	Z 09:30:25.1	77.2	8.6	1.1	9	4.8		
BUG	e P	Z 09:30:26.9	77.4	4.9	0.6	8	5.0		
BRG	e P	Z 09:30:27.2	77.5	9.2	1.3	11	4.8		

MOX	e P	Z	09:30:29.9	77.9	7.7	1.0	8	4.8
TANN	e P	Z	09:30:30.9	78.1	8.2			
MANZ	e P	Z	09:30:33.3	78.5	8.0			
TNS	e P	Z	09:30:33.4	78.6	5.6	1.1	14	4.9
ROTZ	e P	Z	09:30:34.8	78.8	8.0			
GRA1	e P	Z	09:30:35.7	78.9	7.4	1.0	19	5.1
WLF	e P	Z	09:30:37.4	79.3	4.2			
WET	e P	Z	09:30:37.7	79.3	8.4	1.1	6	4.4
GEC2	e P	Z	09:30:38.7	79.5	9.0	1.4	11	4.6
STU	e P	Z	09:30:40.9	80.0	6.1			
FUR	e P	Z	09:30:43.5	80.4	7.4	1.1	21	5.1
BFO	e P	Z	09:30:43.6	80.5	5.5	1.2	9	4.7

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/09	14:52:9.2	46.703N	156.572E	39.8	4.9			SZGRF
East of Kuril Islands, Russia								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
NRDL	e P	Z	15:03:58.2	76.7	22.9					
CLL	e P	Z	15:03:58.5	77.1	24.7	1.1	27	5.3		
BRG	e P	Z	15:03:59.3	77.3	25.3	1.2	10	4.8		
CLZ	e P	Z	15:04:00.7	77.3	23.0	1.2	22	5.2		
IBBN	e P	Z	15:04:00.6	77.5	21.3					
MOX	e P	Z	15:04:04.5	78.1	23.7	1.1	12	4.9		
BUG	e P	Z	15:04:05.6	78.4	20.9					
MANZ	e P	Z	15:04:07.3	78.5	24.0					
ROTZ	e P	Z	15:04:08.6	78.7	24.0					
GRA1	e P	Z	15:04:10.5	79.0	23.4	1.0	20	5.1		
	e pP	Z	15:04:21.9							
WET	e P	Z	15:04:10.6	79.1	24.4	1.1	15	4.9		
GEC2	e P	Z	15:04:10.3	79.2	24.9	1.5	14	4.6		
TNS	e P	Z	15:04:11.5	79.2	21.6	1.0	8	4.6		
BFO	e P	Z	15:04:20.2	81.0	21.4	1.2	8	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/09	20:02:16.1	50.542N	179.891E	33.0N	4.7			SZGRF
Rat Islands, Aleutian Islands, United States								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	20:13:56.0	75.2	6.8	1.0	13	5.0		
NRDL	e P	Z	20:14:04.8	76.6	6.7					
IBBN	e P	Z	20:14:06.0	76.9	5.1					
CLZ	e P	Z	20:14:07.8	77.2	6.8	0.9	11	5.0		
CLL	e P	Z	20:14:09.0	77.5	8.5	0.9	5	4.6		
BUG	e P	Z	20:14:10.5	77.8	4.8					

BRG	e P	Z	20:14:10.8	77.9	9.1	1.0	6	4.7
MOX	e P	Z	20:14:13.4	78.3	7.6	0.9	5	4.5
MANZ	e P	Z	20:14:17.1	78.9	7.9			
TNS	e P	Z	20:14:16.9	79.0	5.5	0.8	7	4.7
ROTZ	e P	Z	20:14:18.4	79.1	7.9			
GRA1	e P	Z	20:14:18.7	79.3	7.3	0.9	10	4.7
WET	e P	Z	20:14:21.2	79.7	8.3	1.0	4	4.2
GEC2	e P	Z	20:14:22.2	79.9	8.9	0.8	3	4.3
STU	e P	Z	20:14:24.7	80.4	6.0			
FUR	e P	Z	20:14:27.1	80.8	7.3	0.8	11	5.0
BFO	e P	Z	20:14:27.3	80.9	5.4			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/10	02:06:5.0	50.912N	179.301W	33.0N	4.4			SZGRF
Andreanof Islands, Aleutian Islands, United States								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 02:18:06.0	79.0	6.7	1.0	4	4.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/10	03:54:49.0	13.600N	117.600E	33.0N	4.9			GSRC
Philippine Islands region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 04:07:47.7	90.2	68.1	1.1	8	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/10	07:21:35.5	13.070S	11.340W	33.0N	5.3	5.2		SZGRF
Southern Mid-Atlantic Ridge								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e P	Z 07:32:02.5	63.8	201.4	1.1	21	5.2		
WLF	e P	Z 07:32:09.3	64.6	198.9	1.2	30	5.4		
GEC2	e P	Z 07:32:16.4	65.8	206.9	1.4	31	5.3		
GRA1	e P	Z 07:32:16.8	65.8	204.2					
	e S	N 07:40:54.7							
	e L	Z 07:58:49.9			21.9	1710		5.2	
ROTZ	e P	Z 07:32:18.7	66.2	205.2	1.8	57	5.5		
MANZ	e P	Z 07:32:19.8	66.3	205.0	1.3	18	5.1		
BUG	e P	Z 07:32:20.9	66.5	199.8	0.5	14	5.4		
GUNZ	e P	Z 07:32:22.3	66.7	205.2	1.0	13	5.1		
MOX	e P	Z 07:32:22.5	66.8	204.4	1.2	19	5.2		
WERD	e P	Z 07:32:22.6	66.8	205.2	1.5	27	5.3		

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

33

TANN	e P	Z	07:32:22.8	66.8	205.3	1.2	22	5.2
GTTG	e P	Z	07:32:25.5	67.2	202.6			
IBBN	e P	Z	07:32:26.2	67.4	200.2	0.5	20	5.6
FBE	e P	Z	07:32:27.4	67.5	206.1			
BRG	e P	Z	07:32:28.2	67.6	206.7	1.1	11	5.0
CLL	e P	Z	07:32:30.8	67.8	205.7	1.9	47	5.4
	e PPP	Z	07:36:33.8					
	e S	E	07:41:24.8					
	e PS	N	07:41:43.0					
	e PPS	E	07:41:51.3					
	e SS	E	07:45:39.3					
	e SSS	E	07:48:51.7					
	e LR	Z	07:53:07.9					
	e L	Z	07:59:47.5			22.0	2073	5.3
NRDL	e P	Z	07:32:32.0	68.1	202.6	1.4	48	5.6
BSEG	e P	Z	07:32:39.3	69.5	202.6	0.9	27	5.5

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/10	13:10: 5.2	21.390S	172.150W	33.0N				SZGRF
Tonga Islands region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	13:29:46.3	147.4	4.3					
CLZ	e PKPbc	Z	13:29:50.8	149.5	4.6					
	e PKPab	Z	13:29:55.4							
CLL	e PKPbc	Z	13:29:51.5	149.8	9.6					
	e PKPab	Z	13:29:57.2							
BRG	e PKPbc	Z	13:29:52.0	150.1	11.4					
FBE	e PKPbc	Z	13:29:51.5	150.2	10.3					
UBBA	e PKPbc	Z	13:29:54.6	150.5	4.1					
MOX	e PKPbc	Z	13:29:53.1	150.6	7.2					
WERD	e PKPbc	Z	13:29:53.8	150.7	8.5					
TANN	e PKPbc	Z	13:29:54.1	150.7	8.8					
GUNZ	e PKPbc	Z	13:29:54.4	150.8	8.6					
	e PKPab	Z	13:30:01.9							
MANZ	e PKPbc	Z	13:29:55.4	151.2	8.3					
ROTZ	e PKPbc	Z	13:29:55.7	151.4	8.5					
WLF	e PKPbc	Z	13:29:57.5	151.7	356.7					
GEC2	e PKPdf	Z	13:29:51.7	152.2	11.7					
	e PKPbc	Z	13:29:56.8							
STU	e PKPab	Z	13:30:09.3	152.6	2.7					
BFO	e PKPbc	Z	13:30:00.4	153.1	1.0					
	e PKPab	Z	13:30:11.4							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
------	-------------	-----	------	-------	----	----	----	--------

2006/07/10 15:09:11.2 36.500N 70.230E 33.0N 4.9 SZGRF
Hindu Kush, Afghanistan, region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	15:17:00.5	42.0	87.5	1.0	29	5.0		
GEC2	e P	Z	15:17:02.8	42.3	85.1	1.1	9	4.4		
FBE	e P	Z	15:17:03.8	42.4	87.1	1.0	35	5.1		
CLL	e P	Z	15:17:04.8	42.6	87.3	1.0	18	4.8		
TANN	e P	Z	15:17:08.5	43.0	85.9	1.0	14	4.6		
GUNZ	e P	Z	15:17:09.3	43.1	85.8	1.1	18	4.7		
WERD	e P	Z	15:17:09.2	43.1	85.8	1.1	13	4.6		
ROTZ	e P	Z	15:17:10.7	43.2	85.0	1.3	22	4.7		
MANZ	e P	Z	15:17:10.8	43.2	85.2	1.0	17	4.7		
MOX	e P	Z	15:17:12.9	43.5	85.5	1.1	18	4.7		
GRA1	e P	Z	15:17:16.1	43.8	84.3	1.1	34	5.0		
FUR	e P	Z	15:17:17.0	44.0	82.7	0.6	29	5.2		
BSEG	e P	Z	15:17:17.6	44.1	88.0	0.9	33	5.1		
CLZ	e P	Z	15:17:18.2	44.2	85.9	1.1	24	4.8		
NRDL	e P	Z	15:17:20.1	44.3	86.3	1.0	24	4.9		
UBBA	e P	Z	15:17:20.7	44.5	84.6	0.8	6	4.6		
STU	e P	Z	15:17:27.0	45.3	82.0					
IBBN	e P	Z	15:17:30.9	45.7	84.4	1.0	51	5.5		
BFO	e P	Z	15:17:31.0	45.9	81.0	1.0	14	4.9		
BUG	e P	Z	15:17:33.5	46.1	83.2	1.0	24	5.2		
WLF	e P	Z	15:17:41.7	47.1	80.8	1.0	39	5.5		

Date Origin Time Lat Long Depth mb Ms ML Source
2006/07/10 15:30:16.8 63.970N 170.670W 9.5 5.2 SZGRF
St. Lawrence Island, United States, region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	15:40:40.7	62.1	0.5	1.0	24	5.4		
NRDL	e P	Z	15:40:50.6	63.5	0.4	1.1	13	5.1		
IBBN	e P	Z	15:40:51.4	63.7	359.2	1.1	28	5.4		
CLZ	e P	Z	15:40:54.6	64.2	0.5	1.0	33	5.5		
BUG	e P	Z	15:40:56.4	64.6	359.0	0.4	12	5.5		
CLL	e P	Z	15:40:57.5	64.7	1.8	1.0	14	5.1		
FBE	e P	Z	15:41:00.1	65.1	1.9	1.2	16			
BRG	e P	Z	15:41:00.2	65.1	2.2	1.3	15	5.1		
UBBA	e P	Z	15:41:01.4	65.2	0.3	1.5	18	5.1		
MOX	e P	Z	15:41:02.0	65.4	1.1	1.0	11	5.0		
WERD	e P	Z	15:41:03.7	65.6	1.4	1.2	16	5.1		
TANN	e P	Z	15:41:03.7	65.6	1.5	1.2	16	5.2		
GUNZ	e P	Z	15:41:04.0	65.6	1.4	1.3	14	5.0		
MANZ	e P	Z	15:41:06.5	66.0	1.3	1.2	10	4.9		
ROTZ	e P	Z	15:41:07.9	66.2	1.4	1.3	13	5.0		
GRA1	e P	Z	15:41:08.8	66.3	0.9	1.1	21	5.3		

	e pP	Z	15:41:11.5							
WLF	e P	Z	15:41:08.3	66.3	358.5	0.9		15	5.2	
GEC2	e P	Z	15:41:13.8	67.1	2.1	1.7		30	5.3	
BFO	e P	Z	15:41:17.0	67.7	359.5	1.3		14	5.0	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/10	18:20:11.0	50.281N	178.391E	33.0N	4.8			SZGRF
Rat Islands, Aleutian Islands, United States								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 18:31:50.8	75.3	7.8	0.9	20	5.2		
NRDL	e P	Z 18:31:59.7	76.7	7.7	1.0	15	5.1		
IBBN	e P	Z 18:32:01.4	77.1	6.1	1.2	34	5.2		
CLZ	e P	Z 18:32:02.7	77.4	7.8	1.0	16	5.0		
CLL	e P	Z 18:32:03.6	77.7	9.5	0.8	6	4.7		
GTTG	e P	Z 18:32:04.5	77.7	7.5	1.0	13	4.9		
BRG	e P	Z 18:32:05.7	78.0	10.1	1.0	7	4.5		
FBE	e P	Z 18:32:06.0	78.0	9.7	1.0	11	4.7		
BUG	e P	Z 18:32:06.0	78.0	5.8	0.4	10	5.1		
UBBA	e P	Z 18:32:08.9	78.4	7.5	0.8	3	4.2		
MOX	e P	Z 18:32:08.4	78.4	8.6	1.0	10	4.7		
WERD	e P	Z 18:32:09.1	78.6	9.0	1.1	7	4.5		
TANN	e P	Z 18:32:09.2	78.6	9.1	1.4	9	4.5		
GUNZ	e P	Z 18:32:09.6	78.7	9.0	1.2	11	4.7		
MANZ	e P	Z 18:32:11.8	79.0	8.9	1.1	6	4.5		
ROTZ	e P	Z 18:32:13.2	79.3	8.9	1.3	11	4.7		
GRA1	e P	Z 18:32:14.4	79.4	8.3	1.0	18	5.1		
WLF	e P	Z 18:32:15.8	79.8	5.0	1.0	11	4.9		
GEC2	e P	Z 18:32:17.2	80.0	9.9	0.9	5	4.7		
BFO	e P	Z 18:32:21.8	81.0	6.4	1.1	7	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/10								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 18:52:39.4							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/10	22:50: 6.8	50.130N	178.330E	33.0N	5.0			SZGRF
Rat Islands, Aleutian Islands, United States								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 23:01:49.9	75.4	7.9	0.9	25	5.3		

NRDL	e P	Z	23:01:58.8	76.9	7.7	1.0	18	5.1
CLZ	e P	Z	23:02:01.9	77.5	7.9	1.0	28	5.3
CLL	e P	Z	23:02:02.9	77.8	9.6	0.6	8	5.0
GTTG	e P	Z	23:02:03.4	77.8	7.6	1.0	17	5.1
BRG	e P	Z	23:02:04.8	78.1	10.2	0.9	11	5.0
FBE	e P	Z	23:02:05.2	78.1	9.8	1.2	20	5.1
MOX	e P	Z	23:02:07.4	78.6	8.6	0.9	11	5.0
WERD	e P	Z	23:02:08.3	78.7	9.1	1.1	9	4.8
TANN	e P	Z	23:02:08.4	78.7	9.2	0.8	5	4.7
GUNZ	e P	Z	23:02:08.9	78.8	9.1	1.1	11	4.9
MANZ	e P	Z	23:02:10.9	79.2	8.9	0.9	7	4.7
ROTZ	e P	Z	23:02:12.3	79.4	9.0	1.0	10	4.8
GRA1	e P	Z	23:02:13.4	79.6	8.4	0.9	27	5.3
WLF	e P	Z	23:02:15.0	80.0	5.1	1.0	12	4.9
GEC2	e P	Z	23:02:16.3	80.1	9.9	0.7	7	4.8
FUR	e P	Z	23:02:21.2	81.1	8.4	1.0	26	5.1
BFO	e P	Z	23:02:21.3	81.2	6.5	1.1	10	4.6

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/11	00:58:27.4	0.743N	96.530E	16.7	5.0			SZGRF
Off west coast of northern Sumatera, Indonesia								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	01:11:00.8	84.7	94.9	1.2	23	5.3		
BRG	e P	Z	01:11:00.6	84.8	95.3					
RUE	e P	Z	01:11:01.3	85.0	95.3	0.7	20	5.5		
FBE	e P	Z	01:11:02.6	85.1	94.8	1.3	20	5.2		
CLL	e P	Z	01:11:03.3	85.4	94.6	1.0	11	5.0		
TANN	e P	Z	01:11:05.0	85.7	94.1	1.1	8	4.7		
WERN	e P	Z	01:11:05.4	85.7	94.0	1.1	10	4.8		
GUNZ	e P	Z	01:11:05.6	85.7	94.0	0.9	9	4.9		
WERD	e P	Z	01:11:05.5	85.8	94.0	1.1	8	4.7		
ROTZ	e P	Z	01:11:06.2	85.8	93.9	1.0	10	4.9		
MANZ	e P	Z	01:11:06.7	85.8	93.8	1.0	19	5.2		
MOX	e P	Z	01:11:07.8	86.2	93.5	1.6	19	5.0		
FUR	e P	Z	01:11:07.9	86.3	93.0	0.8	6	4.8		
GRA1	e P	Z	01:11:09.2	86.4	93.1	0.9	14	5.1		
	e pP	Z	01:11:14.0							
CLZ	e P	Z	01:11:12.0	87.0	92.6	1.1	14	5.0		
BSEG	e P	Z	01:11:12.7	87.2	92.6	1.1	27	5.3		
UBBA	e P	Z	01:11:13.3	87.2	92.2	0.8	3	4.5		
NRDL	e P	Z	01:11:13.2	87.2	92.4	1.2	27	5.2		
GTTG	e P	Z	01:11:13.3	87.3	92.2	0.7	9	5.0		
BFO	e P	Z	01:11:17.3	88.2	90.9	0.8	4	4.8		
IBBN	e P	Z	01:11:19.9	88.7	90.5	0.7	28	5.6		
BUG	e P	Z	01:11:21.2	89.0	90.1	1.0	16	5.2		
WLF	e P	Z	01:11:25.0	89.7	89.2	1.1	13	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/11	04:04:15.3	50.160N	178.890E	33.0N	5.2			SZGRF

Rat Islands, Aleutian Islands, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	04:15:57.6	75.5	7.5	0.9	52	5.6		
NRDL	e P	Z	04:16:06.4	76.9	7.4	1.0	30	5.4		
IBBN	e P	Z	04:16:07.8	77.3	5.8	1.1	80	5.8		
CLZ	e P	Z	04:16:09.4	77.5	7.5	1.1	52	5.6		
CLL	e P	Z	04:16:10.4	77.8	9.2	1.1	23	5.2		
BUG	e P	Z	04:16:12.2	78.1	5.5	1.2	34	5.3		
BRG	e P	Z	04:16:12.4	78.2	9.8	1.3	23	5.1		
UBBA	e P	Z	04:16:14.9	78.6	7.2	1.1	8	4.7		
MOX	e P	Z	04:16:15.1	78.6	8.3	1.1	22	5.1		
TANN	e P	Z	04:16:15.9	78.8	8.8	1.2	14	4.9		
MANZ	e P	Z	04:16:18.6	79.2	8.6	1.2	19	4.9		
ROTZ	e P	Z	04:16:20.0	79.4	8.6	1.1	19	4.9		
GRA1	e P	Z	04:16:21.0	79.6	8.0	1.0	47	5.4		
WLF	e P	Z	04:16:22.8	80.0	4.7	1.2	36	5.2		
GEC2	e P	Z	04:16:23.8	80.2	9.6	0.7	10	5.0		
STU	e P	Z	04:16:26.7	80.7	6.7	0.8	29	5.4		
BFO	e P	Z	04:16:28.8	81.2	6.1	0.8	11	5.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/11	05:05:20.6	22.950S	179.050W	33.0G				SZGRF

South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	05:23:58.9	148.2	16.5					
CLL	i PKPbc	- Z	05:24:03.6	150.1	22.7	0.9	70			
	e PKPab	Z	05:24:10.5							
	e pPKPbc	Z	05:26:24.1							
IBBN	e PKPbc	Z	05:24:03.6	150.2	12.7					
	e PKPab	Z	05:24:10.9							
CLZ	e PKPdf	Z	05:23:58.8	150.2	17.7					
	e PKPbc	Z	05:24:04.1							
BRG	e PKPdf	Z	05:23:58.8	150.3	24.7					
	e PKPbc	Z	05:24:04.1							
	e PKPab	Z	05:24:11.9							
MOX	e PKPbc	Z	05:24:05.8	151.1	20.6					
	e PKPab	Z	05:24:14.5							
BUG	e PKPbc	Z	05:24:05.8	151.1	12.1					
	e PKPab	Z	05:24:15.0							
TANN	e PKPbc	Z	05:24:06.0	151.1	22.4					

	e PKPab	Z	05:24:14.6								
UBBA	e PKPbc	Z	05:24:06.2	151.3	17.5						
	e PKPab	Z	05:24:14.9								
MANZ	e PKPdf	Z	05:24:00.7	151.6	22.0						
	e PKPbc	Z	05:24:07.4								
ROTZ	e PKPbc	Z	05:24:07.5	151.8	22.3						
	e PKPab	Z	05:24:18.2								
GRA1	e PKPbc	Z	05:24:08.3	152.1	20.5						
	e PKPab	Z	05:24:19.3								
GEC2	e PKPbc	Z	05:24:08.3	152.2	25.8						
	e PKPab	Z	05:24:19.7								
WLF	e PKPbc	Z	05:24:10.6	153.0	10.6						
	e PKPab	Z	05:24:23.1								
BFO	e PKPbc	Z	05:24:12.0	154.0	15.6						
	e PKPab	Z	05:24:26.6								

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/11	06:47:4.4	40.451N	142.460E	33.0N	4.6			SZGRF
Near east coast of eastern Honshu, Japan								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 06:59:12.0	80.2	35.5	1.1	7	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/11								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 08:18:17.7							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/11	18:48:15.9	21.432S	32.905E	33.0N	5.0			SZGRF
Mozambique								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 18:59:38.3	72.3	161.3	1.4	20	5.1		
BFO	e P	Z 18:59:43.7	73.2	156.1	1.6	16	4.9		
ROTZ	e P	Z 18:59:44.4	73.5	159.9	1.4	31	5.3		
GRA1	e P	Z 18:59:46.8	73.7	159.0	1.9	58	5.4		
MANZ	e P	Z 18:59:47.2	73.8	159.9	1.2	16	5.0		
GUNZ	e P	Z 18:59:49.1	74.1	160.1	1.4	17	4.9		
TANN	e P	Z 18:59:48.8	74.1	160.2	1.2	20	5.0		
WERD	e P	Z 18:59:49.7	74.2	160.1	1.2	22	5.1		
BRG	e P	Z 18:59:49.0	74.2	161.7	1.4	10	4.6		

FBE	e P	Z	18:59:50.1	74.4	161.1	1.7	13	4.7
MOX	e P	Z	18:59:50.0	74.5	159.5	1.3	14	4.8
CLL	e P	Z	18:59:52.5	74.8	160.8	1.5	22	5.0
GTTG	e P	Z	18:59:58.8	75.7	158.0	0.8	7	4.8
NRDL	e P	Z	19:00:04.6	76.5	158.2	1.4	15	4.9

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/12	14:41:1.0	39.073N	26.547E	4.2G				THE-R

Turkey

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 14:44:45.2	15.2	128.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/12	14:44:51.9	8.163S	67.291E	33.0N	5.0	4.7		SZGRF

Mid-Indian Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WET	e P	Z 14:56:26.0	74.4	123.3	1.2	6	4.5		
FUR	e P	Z 14:56:29.0	74.7	121.7	1.0	59	5.6		
BRG	e P	Z 14:56:29.4	74.8	124.6	0.9	12	4.9		
ROTZ	e P	Z 14:56:31.0	75.1	122.9	1.1	9	4.7		
MANZ	e P	Z 14:56:32.0	75.2	122.8	1.0	7	4.6		
TANN	e P	Z 14:56:32.8	75.3	123.2	1.2	8	4.6		
CLL	e P	Z 14:56:33.7	75.5	123.9	0.9	14	5.0		
GRA1	e P	Z 14:56:33.7	75.6	122.0	1.0	26	5.2		
	e S	E 15:06:26.5							
	e SS	E 15:10:58.9							
	e L	Z 15:31:11.1			19.9	390		4.7	
MOX	e P	Z 14:56:35.9	75.9	122.5	0.9	11	5.0		
STU	e P	Z 14:56:37.4	76.2	120.1	1.0	30	5.4		
BFO	e P	Z 14:56:39.2	76.5	119.3	1.1	10	4.9		
UBBA	e P	Z 14:56:41.6	76.8	121.2	1.8	33	5.2		
CLZ	e P	Z 14:56:43.4	77.2	121.7	1.3	32	5.3		
TNS	e P	Z 14:56:44.5	77.4	119.8	1.5	30	5.2		
NRDL	e P	Z 14:56:46.1	77.6	121.6	1.2	13	4.9		
BSEG	e P	Z 14:56:48.3	78.3	122.1					
BUG	e P	Z 14:56:51.4	78.6	119.0	0.9	16	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/12	16:17:55.5	47.802N	153.696E	48.2	4.9			SZGRF

Kuril Islands, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e P	Z	16:29:33.1	75.3	26.1	0.9	25	5.4		
BRG	e P	Z	16:29:33.9	75.5	26.6	1.0	8	4.8		
CLZ	e P	Z	16:29:35.1	75.5	24.5	0.9	13	5.0		
TANN	e P	Z	16:29:39.3	76.3	25.7	1.3	8	4.7		
MOX	e P	Z	16:29:39.1	76.3	25.1	0.8	7	4.8		
UBBA	e P	Z	16:29:40.5	76.6	24.1	1.3	8	4.7		
MANZ	e P	Z	16:29:41.7	76.8	25.4	0.3	7	5.2		
ROTZ	e P	Z	16:29:42.9	76.9	25.4	0.9	12	5.0		
GRA1	e P	Z	16:29:44.8	77.3	24.8	0.9	19	5.2		
	e pP	Z	16:29:58.6							
WET	e P	Z	16:29:44.9	77.3	25.8	0.9	12	5.0		
BFO	e P	Z	16:29:55.4	79.3	22.9	1.0	7	4.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/12	19:08:14.7	6.173S	148.546E	67.0G				NEIC

New Britain, Papua New Guinea, region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKKP	Z	19:37:01.5	121.6	51.0					
BRG	e PKKP	Z	19:37:00.8	121.6	56.2					
CLL	e PKKP	Z	19:37:00.0	121.8	55.0					
TANN	e PKKP	Z	19:36:57.3	122.6	55.0					
WERD	e PKKP	Z	19:36:57.0	122.7	54.8					
MOX	e PKKP	Z	19:36:56.1	122.9	54.0					
MANZ	e PKKP	Z	19:36:55.5	123.1	54.8					
WET	e PKKP	Z	19:36:54.8	123.1	56.1					
ROTZ	e PKKP	Z	19:36:55.2	123.1	55.1					
GRA1	e PKKP	Z	19:36:52.9	123.7	54.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/12	23:19:56.2	0.856S	100.768E	33.0N	4.8			SZGRF

Southern Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	23:32:54.3	90.4	90.9	0.7	4	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/12	23:06:18.6	17.646S	66.886E	33.0N	5.2			SZGRF

Mauritius - Reunion region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	23:18:42.5	83.3	127.6	1.5	26	5.2		

e S	N	23:29:01.5								
e SS	N	23:34:31.1								
e L	Z	00:06:25.8			18.4			240		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/13	00:17:3.2	46.515N	152.028E	33.0N	4.6			SZGRF

Kuril Islands, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 00:28:58.7	78.0	26.4	0.8	4	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/13	03:04:9.6	6.363N	93.961E	33.0N	4.4			SZGRF

Nicobar Islands, India, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 03:16:18.6	80.5	91.4	0.8	4	4.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/13	05:36:37.0	7.969S	30.902E	33.3	4.9			SZGRF

Lake Tanganyika region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 05:46:41.8	60.2	157.4	1.0	13	4.9		
	e pP	Z 05:46:51.0							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/13	05:51:32.4	15.776S	174.194W	169.1				NEIC

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPdf	Z 06:10:46.6	144.0	11.8					
BRG	e PKPdf	Z 06:10:47.5	144.3	13.5					
UBBA	e PKPdf	Z 06:10:49.1	144.8	7.0					
MOX	e pPKPdf	Z 06:11:36.5	144.8	9.7					
TANN	e PKPdf	Z 06:10:50.1	144.9	11.2					
MANZ	e PKPdf	Z 06:10:52.2	145.4	10.7					
	e pPKPdf	Z 06:11:36.7							
ROTZ	e PKPdf	Z 06:10:52.2	145.6	11.0					
	e pPKPdf	Z 06:11:36.7							
GRA1	e PKPdf	Z 06:10:53.1	145.8	9.3					

	e pPKPdf	Z	06:11:37.5						
WLF	e PKPdf	Z	06:10:54.3	146.1	0.6				
WET	e pPKPdf	Z	06:10:54.3	146.1	12.3				
BFO	e PKPdf	Z	06:10:57.2	147.4	4.5				
	e pPKPdf	Z	06:11:41.4						

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/13	15:13:41.2	35.538N	27.981E	33.0G	3.9			SZGRF

Dodecanese Islands, Greece

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	15:17:34.8	16.9	136.5	1.0	10	3.9		
WET	e P	Z	15:17:42.2	17.5	135.3	0.9	8	3.8		
ROTZ	e P	Z	15:17:50.8	18.3	135.2	1.0	11	3.9		
BRG	e P	Z	15:17:51.2	18.4	141.2	1.0	6	3.6		
MANZ	e P	Z	15:17:53.2	18.5	135.4	1.5	24	4.1		
FBE	e P	Z	15:17:54.6	18.6	140.0	1.0	13	4.1		
GRA1	e P	Z	15:17:55.4	18.7	132.9	1.2	27	4.4		
WERD	e P	Z	15:17:55.4	18.7	136.8	0.9	8	3.9		
CLL	e P	Z	15:17:59.3	19.1	139.9	1.2	12	4.0		
MOX	e P	Z	15:18:02.1	19.2	135.7	1.2	14	4.1		
BFO	e P	Z	15:18:02.0	19.3	124.2	0.9	6	3.8		
UBBA	e P	Z	15:18:12.7	20.0	132.8	1.5	9	3.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/13	19:13:40.9	60.019S	35.744W	10.0G		5.2		NEIC

Scotia Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPdf	Z	19:32:28.3	117.7	205.3					
	e		19:32:36.7							
	e SKKSac	Z	19:40:36.6							
	e SKSP	Z	19:43:43.0							
	e SKKSdf	Z	19:50:33.6							
	e (SS)	N	19:50:35.2							
	e SSSS	E	19:58:14.2							
	e LR	Z	20:10:16.0							
	e L	Z	20:17:42.2			22.0	734		5.3	
GRA1	e PKiKP	Z	19:32:28.6	116.1	204.0					
	e SP	R	19:43:29.0							
	e SS	R	19:49:46.6							
	e L	Z	20:17:16.6			19.9	617		5.2	

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

43

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/13	20:04:3.6	17.218S	178.186W	556.0				SZGRF

Fiji Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
NRDL	e PKPbc	Z	20:22:34.7	144.1	13.6					
CLZ	e PKPbc	Z	20:22:36.8	144.7	14.2					
CLL	e PKPbc	Z	20:22:36.7	144.8	18.7					
BRG	e PKPbc	Z	20:22:37.1	145.0	20.5					
FBE	e PKPbc	Z	20:22:37.5	145.1	19.5					
MOX	e PKPbc	Z	20:22:39.6	145.7	16.8					
WERD	e PKPbc	Z	20:22:39.5	145.7	18.0					
TANN	e PKPbc	Z	20:22:39.6	145.7	18.3					
MANZ	e PKPbc	Z	20:22:41.5	146.2	17.9					
ROTZ	e PKPbc	Z	20:22:41.7	146.4	18.1					
GRA1	e PKPbc	Z	20:22:42.5	146.6	16.5					
	e pPKPbc	Z	20:24:50.3							
WET	e PKPbc	Z	20:22:42.7	146.8	19.6					
GEC2	e PKPbc	Z	20:22:42.8	146.9	21.1					
WLF	e PKPbc	Z	20:22:44.7	147.4	7.7					
STU	e PKPbc	Z	20:22:45.5	147.9	13.3					
FUR	e PKPbc	Z	20:22:46.2	148.1	17.3					
BFO	e PKPbc	Z	20:22:46.6	148.4	12.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/14	00:37:36.6	55.170N	159.590E	33.0G	4.9			SZGRF

Kamchatka Peninsula, Russia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e P	Z	00:48:46.9	70.0	19.6	1.2	19	5.1		
CLZ	e P	Z	00:48:47.3	70.0	18.1	1.2	21	5.2		
BRG	e P	Z	00:48:48.4	70.2	20.0	1.3	10	4.8		
FBE	e P	Z	00:48:48.9	70.3	19.7	1.2	16	5.0		
MOX	e P	Z	00:48:52.7	70.9	18.7	1.5	11	4.8		
WERD	e P	Z	00:48:52.5	70.9	19.1	1.2	9	4.8		
MANZ	e P	Z	00:48:55.0	71.4	18.9	1.5	14	4.9		
ROTZ	e P	Z	00:48:57.3	71.6	18.9	1.2	7	4.7		
GRA1	e P	Z	00:48:58.6	71.9	18.4	0.8	13	5.1		
WET	e P	Z	00:48:59.8	72.0	19.2	1.3	12	4.9		
GEC2	e P	Z	00:49:00.0	72.1	19.7	1.1	6	4.6		
BFO	e P	Z	00:49:09.6	73.7	16.6	1.2	12	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/14	00:57:52.1	45.123N	153.999E	33.0N	4.3			SZGRF

East of Kuril Islands, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 01:09:57.5	79.8	25.7	0.9	4	4.3		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/14	06:52:41.8	50.374N	155.554E	44.9	5.0			SZGRF

Kuril Islands, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z 07:03:58.5	71.7	22.5					
	e pP	Z 07:04:12.7							
NRDL	e P	Z 07:04:08.3	73.1	22.2	0.8	8	4.9		
CLL	e P	Z 07:04:09.5	73.5	23.9	0.8	28	5.3		
CLZ	e P	Z 07:04:10.5	73.6	22.3	1.2	26	5.1		
BRG	e P	Z 07:04:10.1	73.6	24.4	0.9	10	4.8		
FBE	e P	Z 07:04:11.3	73.7	24.0	1.0	22	5.1		
TANN	e P	Z 07:04:15.1	74.4	23.4	1.4	9	4.6		
MOX	e P	Z 07:04:14.8	74.4	22.9	1.2	26	5.1		
WERD	e P	Z 07:04:15.3	74.4	23.3	1.3	23	5.0		
UBBA	e P	Z 07:04:16.3	74.6	22.0	1.4	14	4.8		
BUG	e P	Z 07:04:19.2	74.7	20.3	1.7	56	5.3		
MANZ	e P	Z 07:04:18.2	74.9	23.2	1.1	13	4.9		
ROTZ	e P	Z 07:04:19.1	75.1	23.2	1.1	18	5.0		
	e pP	Z 07:04:32.1							
GRA1	e P	Z 07:04:21.4	75.4	22.6	0.9	21	5.2		
	e pP	Z 07:04:33.3							
WET	e P	Z 07:04:21.5	75.5	23.5					
	e pP	Z 07:04:33.9							
GEC2	e P	Z 07:04:20.9	75.5	24.0	2.9	75	5.3		
TNS	e P	Z 07:04:22.5	75.6	21.0	1.1	10	4.8		
STU	e pP	Z 07:05:40.7	76.7	21.3					
FUR	e P	Z 07:04:28.8	76.8	22.5	0.6	32	5.6		
BFO	e P	Z 07:04:31.7	77.4	20.7	1.1	12	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/14	07:22:47.7	46.956N	156.193E	33.0N	4.5			SZGRF

East of Kuril Islands, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 07:34:47.2	78.7	23.5	1.0	5	4.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/14	09:57:16.0	37.326N	22.525E	22.0G				THE

Southern Greece

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 10:00:46.0	14.8	142.4					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/15	01:29:5.6	19.500S	178.000W	33.0N				SZGRF

Fiji Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 01:48:38.2	145.0	13.7					
NRDL	e PKPbc	Z 01:48:43.1	146.4	13.9					
CLZ	e PKPbc	Z 01:48:45.1	147.0	14.6					
CLL	e PKPbc	Z 01:48:44.9	147.0	19.3					
BRG	e PKPbc	Z 01:48:45.6	147.2	21.1					
MOX	e PKPbc	Z 01:48:46.6	147.9	17.3					
TANN	e PKPbc	Z 01:48:47.7	148.0	18.8					
MANZ	e PKPbc	Z 01:48:49.1	148.5	18.4					
ROTZ	e PKPbc	Z 01:48:49.8	148.7	18.7					
TNS	e PKPbc	Z 01:48:49.8	148.9	11.8					
GRA1	e PKPbc	Z 01:48:50.2	148.9	17.0					
GEC2	e PKPbc	Z 01:48:50.5	149.2	21.9					
WLF	e PKPbc	Z 01:48:52.5	149.7	7.8					
FUR	e PKPbc	Z 01:48:54.0	150.4	17.9					
BFO	e PKPbc	Z 01:48:54.3	150.7	12.3					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/15	07:10:49.1	4.530S	126.163E	376.0G				NEIC

Banda Sea

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e PKiKP	Z 07:28:29.8	106.8	73.7					
RUE	e PKKPab	Z 07:40:06.1	107.1	74.7					
BRG	e PKiKP	Z 07:28:31.1	107.4	75.3					
	e PP	Z 07:29:01.8							
	e sPKiKP	Z 07:31:29.8							
	e PKKPbc	Z 07:39:47.8							
	e PKKPab	Z 07:40:04.4							
FBE	e PKiKP	Z 07:28:31.8	107.8	74.8					
	e PKKPbc	Z 07:39:47.5							
	e PKKPab	Z 07:40:03.0							
CLL	e Pdiff	Z 07:24:27.7	107.9	74.4	1.6	14			
	e sPdiff	Z 07:26:35.9							
	e PKiKP	Z 07:28:32.4			0.9	17			
	e PP	Z 07:29:00.4							

	e pPP	Z	07:30:26.2					
	e SKSac	E	07:34:28.4					
	e SKKSac	Z	07:35:21.7					
	e Sdiff	N	07:35:57.6					
	e SP	Z	07:37:40.7					
	e PKKPbc	Z	07:39:44.9					
	e PKKPab	Z	07:40:01.7					
	e SS	E	07:43:59.7					
	e sSS	E	07:46:07.4					
	e SSS	Z	07:47:53.8					
	e L	Z	08:15:25.5			22.0	488	5.0
GEC2	e PKiKP	Z	07:28:32.2	108.1	75.7			
	e PP	Z	07:29:06.1					
	e sPKiKP	Z	07:31:31.1					
	e SP	Z	07:37:41.9					
	e PKKPbc	Z	07:39:45.5					
	e PKKPab	Z	07:40:00.9					
TANN	e PKiKP	Z	07:28:33.1	108.4	74.2			
	e PP	Z	07:29:09.4					
	e SP	Z	07:37:45.6					
	e PKKPbc	Z	07:39:45.1					
	e PKKPab	Z	07:40:00.2					
WET	e PKiKP	Z	07:28:33.2	108.5	74.9			
	e PP	Z	07:29:09.1					
	e SP	Z	07:37:47.5					
	e PKKPbc	Z	07:39:44.8					
	e PKKPab	Z	07:39:58.9					
WERD	e PKiKP	Z	07:28:33.1	108.5	74.0			
	e sPKiKP	Z	07:31:31.7					
	e PKKPbc	Z	07:39:44.6					
	e PKKPab	Z	07:39:59.6					
BSEG	e PKiKP	Z	07:28:33.6	108.6	71.2			
	e PP	Z	07:29:05.0					
	e sPKiKP	Z	07:31:32.6					
	e SP	Z	07:37:45.6					
	e PKKPab	Z	07:39:58.5					
ROTZ	e PP	Z	07:29:12.3	108.8	74.2			
	e SP	Z	07:37:50.0					
	e PKKPbc	Z	07:39:44.2					
	e PKKPab	Z	07:39:58.3					
MANZ	e PKiKP	Z	07:28:33.9	108.8	74.0			
	e PP	Z	07:29:11.0					
	e sPKiKP	Z	07:31:32.3					
	e SP	Z	07:37:49.4					
	e PKKPbc	Z	07:39:44.3					
	e PKKPab	Z	07:39:58.3					
MOX	e PKiKP	Z	07:28:33.6	108.9	73.4			
	e sPKiKP	Z	07:31:32.0					
	e SP	Z	07:37:50.0					

	e	PKKPbc	Z	07:39:43.8				
	e	PKKPab	Z	07:39:58.3				
NRDL	e	PKiKP	Z	07:28:34.7	109.2	71.5		
CLZ	e	PKiKP	Z	07:28:35.0	109.3	72.0		
	e	sPKiKP	Z	07:31:33.4				
	e	SP	Z	07:37:54.4				
	e	PKKPbc	Z	07:39:43.0				
	e	PKKPab	Z	07:39:55.9				
GRA1	e	PKiKP	Z	07:28:34.8	109.4	73.4		
	e	PP	Z	07:29:15.1				
	e	SP	Z	07:37:58.5				
	e	PKKPbc	Z	07:39:42.7				
	e	PKKPab	Z	07:39:55.8				
FUR	e	PKiKP	Z	07:28:35.5	109.8	74.0		
	e	SP	Z	07:38:02.2				
	e	PKKPab	Z	07:39:54.3				
UBBA	e	SP	Z	07:37:59.7	109.8	72.0		
	e	PKKPbc	Z	07:39:41.2				
	e	PKKPab	Z	07:39:53.6				
IBBN	e	SP	Z	07:38:06.6	110.6	69.6		
	e	PKKPab	Z	07:39:49.6				
TNS	e	PKiKP	Z	07:28:37.9	110.9	70.9		
	e	sPKiKP	Z	07:31:36.6				
	e	SP	Z	07:38:10.3				
	e	PKKPbc	Z	07:39:37.6				
	e	PKKPab	Z	07:39:48.5				
STU	e	PKiKP	Z	07:28:37.8	110.9	72.0		
	e	SP	Z	07:38:10.7				
	e	PKKPbc	Z	07:39:37.1				
	e	PKKPab	Z	07:39:48.0				
BUG	e	PKiKP	Z	07:28:38.3	111.2	69.4		
	e	PP	Z	07:29:25.7				
	e	sPKiKP	Z	07:31:36.7				
	e	SP	Z	07:38:13.5				
	e	PKKPbc	Z	07:39:36.1				
	e	PKKPab	Z	07:39:46.7				
BFO	e	PKiKP	Z	07:28:38.6	111.6	71.5		
	e	sPKiKP	Z	07:31:37.5				
	e	SP	Z	07:38:16.3				
	e	PKKPbc	Z	07:39:34.5				
	e	PKKPab	Z	07:39:44.1				
WLF	e	PKiKP	Z	07:28:41.4	112.5	69.1		
	e	PP	Z	07:29:33.9				
	e	SP	Z	07:38:25.7				
	e	PKKPab	Z	07:39:41.5				

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
------	-------------	-----	------	-------	----	----	----	--------

2006/07/15 08:57: 0.3
South of Kermadec Islands

33.350S 177.610W 33.0N

SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPab	Z	09:17:31.2	158.7	18.5					
RUE	e PKPab	Z	09:17:33.4	159.2	27.7					
NRDL	e PKPab	Z	09:17:37.1	160.1	19.2					
CLL	e PKPab	Z	09:17:38.5	160.5	27.4					
BRG	e PKPab	Z	09:17:39.2	160.5	30.2					
CLZ	e PKPab	Z	09:17:39.3	160.6	20.5					
IBBN	e PKPab	Z	09:17:40.0	160.7	13.6					
FBE	e PKPab	Z	09:17:40.1	160.7	28.7					
TANN	e PKPab	Z	09:17:43.2	161.4	27.3					
WERD	e PKPab	Z	09:17:43.2	161.4	26.8					
MOX	e PKPab	Z	09:17:43.1	161.4	24.9					
BUG	e PKPab	Z	09:17:43.5	161.6	13.0					
MANZ	e PKPab	Z	09:17:45.5	161.9	27.0					
ROTZ	e PKPab	Z	09:17:46.5	162.1	27.5					
GEC2	e PKPab	Z	09:17:47.1	162.4	32.7					
WET	e PKPab	Z	09:17:47.8	162.4	30.2					
GRA1	e PKPab	Z	09:17:47.9	162.4	25.1					
TNS	e PKPab	Z	09:17:48.0	162.5	17.1					
WLF	e PKPab	Z	09:17:53.1	163.4	11.1					
FUR	e PKPab	Z	09:17:53.7	163.8	27.5					
STU	e PKPab	Z	09:17:53.4	163.8	20.7					
BFO	e PKPab	Z	09:17:56.0	164.4	18.7					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/15	10:04:52.5	7.447S	23.521E	48.9	4.7			SZGRF

Zaire

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	10:14:32.6	56.9	168.4	1.1	5	4.5		
BFO	e PP	Z	10:16:39.9	57.4	162.0					
ROTZ	e P	Z	10:14:40.4	58.1	166.7	1.2	7	4.6		
GRA1	e P	Z	10:14:41.1	58.1	165.6	1.2	18	5.0		
	e pP	Z	10:14:54.2							
MANZ	e P	Z	10:14:41.9	58.3	166.7	1.1	12	4.9		
TANN	e P	Z	10:14:44.7	58.7	167.1	1.1	4	4.4		
WERD	e P	Z	10:14:45.1	58.7	167.0	0.9	8	4.7		
	e pP	Z	10:14:58.1							
	e PP	Z	10:16:56.2							
MOX	e P	Z	10:14:45.7	59.0	166.2	1.1	4	4.4		
	e pP	Z	10:15:01.5							
FBE	e PP	Z	10:16:56.7	59.0	168.2					
TNS	e P	Z	10:14:47.4	59.1	162.5	1.1	16	5.0		
	e pP	Z	10:15:00.6							

BUG	e P	Z	10:14:57.8	60.5	161.4	0.9	11	4.9
NRDL	e P	Z	10:15:01.3	61.0	164.8	0.9	7	4.5
BSEG	e PP	Z	10:17:25.7	62.4	165.2			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/15	11:54:22.4	3.590N	95.160E	33.0N	5.0			SZGRF

Off west coast of northern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 12:06:38.0	81.7	94.6	1.0	10	4.9		
GEC2	e P	Z 12:06:37.4	81.7	94.1	1.0	21	5.2		
RUE	e P	Z 12:06:38.8	81.9	94.7	0.9	22	5.3		
FBE	e P	Z 12:06:39.6	82.1	94.1	0.9	15	5.1		
WET	e P	Z 12:06:40.7	82.2	93.5	1.0	9	4.9		
CLL	e P	Z 12:06:40.7	82.3	93.9	1.0	7	4.7		
	e S	N 12:16:48.5							
	e PPS	Z 12:17:59.4							
	e L	Z 12:52:25.7			18.0	263		4.6	
TANN	e P	Z 12:06:42.3	82.6	93.3	1.0	6	4.7		
WERD	e P	Z 12:06:42.6	82.7	93.2	1.0	8	4.9		
ROTZ	e P	Z 12:06:43.3	82.7	93.1	1.0	11	5.0		
MANZ	e P	Z 12:06:44.0	82.8	93.0	0.9	16	5.2		
MOX	e P	Z 12:06:45.3	83.1	92.7	1.0	8	4.9		
GRA1	e P	Z 12:06:46.3	83.3	92.3	1.0	18	5.2		
CLZ	e P	Z 12:06:49.4	84.0	91.9	1.0	12	5.1		
BSEG	e P	Z 12:06:49.9	84.1	92.1	1.0	8	4.9		
NRDL	e P	Z 12:06:50.5	84.1	91.7	1.1	10	5.0		
TNS	e P	Z 12:06:55.5	85.1	90.2	0.9	12	5.1		
BFO	e P	Z 12:06:55.8	85.2	90.0	0.9	5	4.7		
BUG	e P	Z 12:06:59.4	85.9	89.4	1.2	20	5.1		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/15								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 15:13:11.8							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/15	16:17:45.3	25.345N	101.256E	33.0N	4.5			SZGRF

Yunnan, China

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 16:29:00.0	71.0	72.9	1.2	5	4.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/15	16:54: 4.6	33.792N	37.420W	33.0N	4.0			SZGRF
Northern Mid-Atlantic Ridge								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 17:01:26.5	38.8	264.6	1.1	5	4.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/15	21:20:32.8	20.890S	177.510W	553.9				SZGRF
Fiji Islands region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPdf	Z 21:39:09.7	146.4	13.3					
	e PKPbc	Z 21:39:12.2							
RUE	e PKPdf	Z 21:39:11.2	147.2	19.7					
	e PKPbc	Z 21:39:14.0							
	e	21:39:49.3							
NRDL	e PKPbc	Z 21:39:15.9	147.9	13.5					
IBBN	e PKPdf	Z 21:39:13.3	148.3	9.4					
	e PKPbc	Z 21:39:17.2							
	e PKPab	Z 21:39:22.1							
CLZ	e PKPdf	Z 21:39:13.2	148.4	14.2					
	e PKPbc	Z 21:39:17.5							
	e PKPab	Z 21:39:22.6							
CLL	e PKPdf	Z 21:39:13.2	148.5	19.0					
	i PKPbc	- Z 21:39:17.4			0.7	79			
	e PKPab	Z 21:39:22.2							
	e	21:39:52.7							
	e pPKPdf	Z 21:41:21.3							
	e pPKPbc	Z 21:41:25.5							
	e SKPdf	Z 21:41:53.9							
BRG	e PKPdf	Z 21:39:13.6	148.7	20.9					
	e PKPbc	Z 21:39:17.9							
	e PKPab	Z 21:39:23.3							
FBE	e PKPdf	Z 21:39:13.9	148.8	19.9					
	e PKPbc	Z 21:39:18.5							
	e PKPab	Z 21:39:23.6							
	e	21:39:53.4							
BUG	e PKPdf	Z 21:39:14.4	149.2	8.7					
	e PKPbc	Z 21:39:19.2							
MOX	e PKPdf	Z 21:39:14.6	149.4	16.9					
	e PKPbc	Z 21:39:19.7							
	e PKPab	Z 21:39:25.9							
TANN	e PKPdf	Z 21:39:14.6	149.4	18.6					

	e	PKPbc	Z	21:39:20.0		
	e	PKPab	Z	21:39:26.4		
	e			21:39:55.2		
WERD	e	PKPdf	Z	21:39:14.8	149.4	18.3
	e	PKPbc	Z	21:39:20.0		
	e	PKPab	Z	21:39:26.5		
UBBA	e	PKPdf	Z	21:39:14.8	149.5	13.9
	e	PKPbc	Z	21:39:19.8		
MANZ	e	PKPdf	Z	21:39:15.6	149.9	18.1
	e	PKPbc	Z	21:39:21.1		
ROTZ	e	PKPbc	Z	21:39:21.3	150.1	18.4
	e	PKPab	Z	21:39:29.7		
	e			21:39:56.6		
TNS	e	PKPbc	Z	21:39:21.9	150.3	11.3
	e	PKPab	Z	21:39:30.2		
GRA1	e	PKPbc	Z	21:39:22.0	150.4	16.7
	e	PKPab	Z	21:39:30.9		
	e			21:39:57.4		
	e	pPKPbc	Z	21:41:29.9		
WET	e	PKPdf	Z	21:39:16.3	150.6	20.0
	e	PKPbc	Z	21:39:22.1		
	e	PKPab	Z	21:39:31.4		
GEC2	e	PKPdf	Z	21:39:16.5	150.6	21.7
	e	PKPbc	Z	21:39:22.5		
WLF	e	PKPdf	Z	21:39:17.9	151.1	7.1
	e	PKPbc	Z	21:39:24.2		
	e	PKPab	Z	21:39:33.7		
STU	e	PKPbc	Z	21:39:25.0	151.6	13.3
FUR	e	PKPdf	Z	21:39:18.3	151.8	17.6
	e	PKPbc	Z	21:39:25.1		
	e	PKPab	Z	21:39:37.0		
BFO	e	PKPbc	Z	21:39:25.7	152.2	11.7
	e	PKPab	Z	21:39:37.9		

Date 2006/07/16
 Origin Time 11:42:46.1
 Lat 28.890S
 Long 72.310W
 Depth 33.0N
 mb
 Ms 6.0
 ML
 Source SZGRF
 Off coast of central Chile

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e Pdiff	Z 11:56:48.1	104.8	242.5					
	e SP	Z 12:10:21.7							
BFO	e SP	Z 12:10:26.1	105.4	243.7					
STU	e Pdiff	Z 11:56:53.9	106.1	244.4					
	e SP	Z 12:10:31.8							
BUG	e Pdiff	Z 11:56:53.7	106.2	243.7					
	e SP	Z 12:10:32.2							
TNS	e Pdiff	Z 11:56:55.6	106.3	244.2					

	e SP	Z	12:10:34.6					
IBBN	e Pdiff	Z	11:56:57.7	106.9	244.3			
	e SP	Z	12:10:37.9					
FUR	e SP	Z	12:10:41.2	107.1	245.6			
UBBA	e SP	Z	12:10:45.9	107.5	245.5			
HLG	e SP	Z	12:10:49.3	107.7	244.9			
GRA1	e Pdiff	Z	11:57:01.2	107.7	246.0			
	e PKiKP	Z	11:59:38.2					
	e PP	Z	12:01:21.9					
	e SKSac	R	12:07:42.8					
	e SKKSac	R	12:08:31.7					
	e Sdiff	T	12:09:09.4					
	e SP	Z	12:10:47.8					
	e PKKPdf	Z	12:12:23.4					
	e PKKPab	Z	12:12:38.9					
	e SS	T	12:16:38.9					
	e L	Z	12:42:40.1			21.9	4424	6.0
CLZ	e Pdiff	Z	11:57:03.8	108.1	246.0			
	e SP	Z	12:10:52.0					
ROTZ	e SP	Z	12:10:54.4	108.3	246.7			
MOX	e Pdiff	Z	11:57:04.3	108.3	246.5			
	e		12:01:10.3					
	e SP	Z	12:10:54.9					
MANZ	e Pdiff	Z	11:57:04.8	108.4	246.7			
	e		12:01:11.1					
	e SP	Z	12:10:55.3					
WET	e Pdiff	Z	11:57:05.4	108.5	246.9			
	e SP	Z	12:10:54.9					
WERD	e		12:01:10.3	108.7	246.9			
TANN	e		12:01:11.6	108.8	247.0			
	e SP	Z	12:10:58.2					
GEC2	e		12:01:10.3	108.9	247.4			
	e SP	Z	12:10:59.1					
BSEG	e Pdiff	Z	11:57:06.3	108.9	246.6			
	e SP	Z	12:10:58.2					
CLL	e Pdiff	Z	11:57:09.2	109.4	247.7	1.4	9	
	e PKiKP	Z	12:01:12.1					
	e PP	Z	12:01:39.6					
	e SKSac	E	12:07:48.6					
	e SKKSac	E	12:08:45.2					
	e Sdiff	N	12:09:21.4					
	e SP	Z	12:11:06.7					
	e PS	E	12:11:06.8					
	e PPS	Z	12:12:00.4					
	e PKKPbc	Z	12:12:18.7					
	e PKKPab	Z	12:12:30.5					
	e SS	N	12:16:57.4					
	e PKPPKPdf	Z	12:20:45.2					
	e SSS	N	12:21:02.0					

	e	SSSS	E	12:24:37.3						
	e	L	Z	12:42:35.3			22.0	6402	6.1	
BRG	e			12:01:13.4	109.8	248.2				
	e	SP	Z	12:11:08.1						
RUE	e	SP	Z	12:11:14.5	110.3	248.6				
RGN	e	SP	Z	12:11:17.6	110.8	249.0				

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/16	14:24:1.5	19.840S	177.310W	607.7				SZGRF
Fiji Islands region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKP	Z 14:42:33.0	145.4	12.7					
RUE	e PKPbc	Z 14:42:34.7	146.2	19.0					
	e PKPab	Z 14:42:37.1							
NRDL	e PKPbc	Z 14:42:36.6	146.8	12.8					
	e PKPab	Z 14:42:39.1							
IBBN	e PKPbc	Z 14:42:38.2	147.3	8.8					
	e PKPab	Z 14:42:41.7							
	e pPKPab	Z 14:44:55.2							
CLZ	e PKPbc	Z 14:42:37.8	147.4	13.5					
	e PKPab	Z 14:42:42.3							
	e pPKPab	Z 14:44:55.5							
CLL	e PKPbc	Z 14:42:37.5	147.5	18.3	0.9	60			
	e PKPab	Z 14:42:42.1			0.9	50			
	e pPKPbc	Z 14:44:54.7							
	e SKPbc	Z 14:45:20.8							
	e PP	Z 14:46:14.9							
BRG	e PKPbc	Z 14:42:38.2	147.7	20.1					
	e PKPab	Z 14:42:43.1							
FBE	e PKPbc	Z 14:42:38.8	147.8	19.1					
	e PKPab	Z 14:42:43.7							
	e pPKPab	Z 14:44:56.8							
BUG	e PKPbc	Z 14:42:40.2	148.2	8.2					
	e PKPab	Z 14:42:45.5							
MOX	e PKPbc	Z 14:42:40.1	148.4	16.2					
	e PKPab	Z 14:42:45.8							
WERD	e PKPbc	Z 14:42:40.3	148.5	17.5					
	e PKPab	Z 14:42:46.3							
TANN	e PKPbc	Z 14:42:40.4	148.5	17.8					
	e PKPab	Z 14:42:46.3							
UBBA	e PKPbc	Z 14:42:40.6	148.5	13.2					
	e PKPab	Z 14:42:46.9							
MANZ	e PKPbc	Z 14:42:41.8	148.9	17.4					
ROTZ	e PKPbc	Z 14:42:42.1	149.1	17.6					
	e PKPab	Z 14:42:49.2							
	e pPKPab	Z 14:45:02.7							

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

54

TNS	e PKPbc	Z	14:42:42.8	149.3	10.6
	e PKPab	Z	14:42:49.9		
	e pPKPab	Z	14:45:03.6		
GRA1	e PKPbc	Z	14:42:43.2	149.4	15.9
	e PKPab	Z	14:42:50.5		
WET	e PKPbc	Z	14:42:43.0	149.6	19.2
	e PKPab	Z	14:42:51.2		
GEC2	e PKPbc	Z	14:42:43.0	149.7	20.8
	e PKPab	Z	14:42:51.4		
WLF	e PKPbc	Z	14:42:45.3	150.0	6.5
	e PKPab	Z	14:42:53.5		
STU	e PKPbc	Z	14:42:45.8	150.6	12.5
	e PKPab	Z	14:42:55.4		
FUR	e PKPbc	Z	14:42:45.4	150.8	16.7
	e PKPab	Z	14:42:56.6		
BFO	e PKPbc	Z	14:42:46.5	151.1	11.0
	e PKPab	Z	14:42:57.6		
	e pPKPab	Z	14:45:09.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/16	18:26:49.1	19.962S	174.997W	33.0N				SZGRF
Tonga Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	18:46:24.6	145.8	8.9					
RUE	e PKPbc	Z	18:46:27.6	146.8	15.2					
NRDL	e PKPbc	Z	18:46:29.0	147.2	8.9					
IBBN	e PKPbc	Z	18:46:30.1	147.6	4.8					
CLZ	e PKPbc	Z	18:46:30.6	147.8	9.5					
CLL	e PKPbc	Z	18:46:30.9	148.0	14.3					
BRG	e PKPbc	Z	18:46:31.3	148.3	16.1					
FBE	e PKPbc	Z	18:46:31.8	148.3	15.1					
BUG	e PKPbc	Z	18:46:31.9	148.5	4.1					
MOX	e PKPbc	Z	18:46:33.2	148.9	12.1					
WERD	e PKPbc	Z	18:46:33.6	149.0	13.4					
TANN	e PKPbc	Z	18:46:33.6	149.0	13.7					
MANZ	e PKPbc	Z	18:46:34.8	149.4	13.2					
TNS	e PKPbc	Z	18:46:35.5	149.6	6.4					
ROTZ	e PKPbc	Z	18:46:35.2	149.6	13.5					
GRA1	e PKPbc	Z	18:46:35.7	149.9	11.7					
WET	e PKPbc	Z	18:46:36.9	150.1	15.0					
WLF	e PKPbc	Z	18:46:37.3	150.3	2.2					
GEC2	e PKPbc	Z	18:46:36.3	150.3	16.7					
STU	e PKPbc	Z	18:46:38.8	151.0	8.1					
FUR	e PKPbc	Z	18:46:39.1	151.3	12.4					
BFO	e PKPbc	Z	18:46:39.4	151.5	6.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/16	19:21:38.8	46.030N	152.814E	33.0N	4.6			SZGRF

Kuril Islands, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 19:33:37.9	78.6	26.1	0.7	4	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/16	22:12:56.9	35.380N	35.224W	33.0N	4.5	3.6		SZGRF

Northern Mid-Atlantic Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 22:19:58.5	36.4	264.8	1.5	11	4.5		
	e L	Z 22:31:07.6			29.7	138		3.6	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/17	22:31:46.0	18.980S	173.160W	33.0N		4.9		SZGRF

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 22:51:17.7	144.9	5.7					
RUE	e PKPbc	Z 22:51:21.1	146.1	11.8					
IBBN	e PKPbc	Z 22:51:23.6	146.7	1.6					
CLZ	e PKPbc	Z 22:51:25.0	147.0	6.1					
CLL	e PKPbc	Z 22:51:25.5	147.3	10.8					
BUG	e PKPbc	Z 22:51:26.2	147.5	0.8					
BRG	e PKPbc	Z 22:51:26.4	147.6	12.6					
FBE	e PKPbc	Z 22:51:27.0	147.6	11.6					
UBBA	e PKPbc	Z 22:51:27.7	148.1	5.7					
MOX	e PKPbc	Z 22:51:28.3	148.1	8.6					
WERD	e PKPbc	Z 22:51:28.2	148.2	9.9					
TANN	e PKPbc	Z 22:51:28.8	148.2	10.1					
MANZ	e PKPbc	Z 22:51:30.3	148.7	9.6					
TNS	e PKPbc	Z 22:51:29.8	148.7	2.9					
ROTZ	e PKPbc	Z 22:51:30.9	148.9	9.9					
GRA1	e PKPbc	Z 22:51:31.0	149.1	8.1					
WLF	e PKPbc	Z 22:51:32.3	149.3	358.7					
WET	e PKPbc	Z 22:51:32.5	149.4	11.3					
GEC2	e PKPbc	Z 22:51:32.5	149.6	12.9					
STU	e PKPbc	Z 22:51:34.0	150.1	4.5					
FUR	e PKPbc	Z 22:51:35.2	150.6	8.6					
BFO	e PKPbc	Z 22:51:34.6	150.6	2.9					
GRA1	e L	Z 00:01:04.1	149.1	8.1	21.8	197		4.9	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/17								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e Pn	Z 04:15:17.9							
	e Sn	N 04:15:39.9							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/17	04:11:37.0	19.240S	172.730W	49.8				SZGRF
Tonga Islands region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e PKPbc	Z 04:31:16.7	147.3	5.4					
	e pPKPbc	Z 04:31:32.3							
CLL	e PKPbc	Z 04:31:17.4	147.6	10.1					
BUG	e PKPbc	Z 04:31:18.6	147.8	360.0					
BRG	e PKPbc	Z 04:31:19.2	147.9	11.9					
FBE	e PKPbc	Z 04:31:18.8	148.0	10.9					
MOX	e PKPbc	Z 04:31:20.0	148.4	7.8					
	e pPKPbc	Z 04:31:35.0							
WERD	e PKPbc	Z 04:31:20.1	148.5	9.1					
TANN	e PKPbc	Z 04:31:20.0	148.6	9.4					
TNS	e PKPbc	Z 04:31:21.0	149.0	2.2					
MANZ	e PKPbc	Z 04:31:22.0	149.0	8.9					
ROTZ	e PKPbc	Z 04:31:22.3	149.2	9.1					
	e pPKPbc	Z 04:31:37.1							
GRA1	e PKPbc	Z 04:31:22.7	149.4	7.3					
WLF	e PKPbc	Z 04:31:23.4	149.6	357.9					
	e pPKPbc	Z 04:31:38.5							
WET	e PKPbc	Z 04:31:23.6	149.8	10.6					
GEC2	e PKPbc	Z 04:31:23.7	149.9	12.2					
	e pPKPbc	Z 04:31:38.2							
BFO	e PKPbc	Z 04:31:26.2	150.9	2.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/17	08:19:36.8	9.230S	106.000E	33.0N				SZGRF
South of Jawa, Indonesia								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e Pdiff	Z 08:33:05.6	98.4	94.3					
	e PP	Z 08:37:11.1							
	e S	T 08:44:37.4							

RUE	e Pdiff	Z	08:33:05.6	98.7	93.9			
	e PP	Z	08:37:11.1					
WET	e Pdiff	Z	08:33:08.6	99.0	93.7			
	e PP	Z	08:37:16.0					
	e S	T	08:44:38.2					
RGN	e Pdiff	Z	08:33:07.7	99.1	93.2			
	e PP	Z	08:37:18.0					
CLL	e Pdiff	Z	08:33:09.9	99.1	93.5	2.0	33	
	e pPdiff	Z	08:33:23.8					
	e PP	Z	08:37:14.9					
	e PPP	Z	08:39:44.5					
	e SKKSac	E	08:44:16.5					
	e Sdiff	N	08:44:41.3					
	e PS	E	08:46:16.0					
	e PPS	N	08:47:05.5					
	e SS	N	08:51:37.6					
	e L	Z	09:26:18.9			20.0	71376	7.2
TANN	e Pdiff	Z	08:33:10.0	99.3	93.2			
	e PP	Z	08:37:18.0					
	e Sdiff	T	08:44:47.2					
ROTZ	e Pdiff	Z	08:33:10.8	99.5	93.1			
	e PP	Z	08:37:20.3					
	e Sdiff	T	08:44:51.1					
MOX	e Pdiff	Z	08:33:12.3	99.9	92.5			
	e PP	Z	08:37:22.6					
	e Sdiff	T	08:44:39.7					
FUR	e Pdiff	Z	08:33:12.8	100.0	92.7			
	e PP	Z	08:37:23.8					
GRA1	e Pdiff	Z	08:33:15.1	100.1	92.4			
	e PP	Z	08:37:24.8					
	e Sdiff	T	08:44:50.1					
	e PS	R	08:46:25.1					
	e SS	R	08:51:47.8					
	e L	Z	09:34:29.5			19.0	74973	7.2
GRFO	e Pdiff	Z	08:33:13.3	100.1	92.4			
	e PP	Z	08:37:23.8					
	e Sdiff	T	08:44:53.8					
	e SS	T	08:51:55.7					
BSEG	e Pdiff	Z	08:33:15.6	100.8	90.9			
	e PP	Z	08:37:30.7					
STU	e Pdiff	Z	08:33:18.9	101.4	91.0			
	e PP	Z	08:37:34.1					
TNS	e Pdiff	Z	08:33:21.5	101.9	90.2			
	e PP	Z	08:37:38.8					
	e Sdiff	T	08:45:06.2					
BFO	e Pdiff	Z	08:33:21.7	102.0	90.5			
	e PP	Z	08:37:38.8					
	e Sdiff	T	08:45:03.6					
HLG	e Pdiff	Z	08:33:22.1	102.2	88.9			

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

58

	e PP	Z	08:37:42.2		
IBBN	e Pdiff	Z	08:33:22.8	102.3	89.2
	e PP	Z	08:37:46.7		
	e Sdiff	T	08:45:12.6		
BUG	e Pdiff	Z	08:33:24.4	102.6	89.0
	e PP	Z	08:37:53.8		
WLF	e Pdiff	Z	08:33:28.6	103.4	88.5
	e PP	Z	08:37:51.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/17	09:13:10.3	9.085S	107.704E	47.0G				NEIC
South of Jawa, Indonesia								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e Pdiff	Z	09:26:48.5	99.4	92.9					
GEC2	e Pdiff	Z	09:26:48.2	99.5	93.0					
WET	e Pdiff	Z	09:26:51.0	100.0	92.4					
TANN	e Pdiff	Z	09:26:52.4	100.3	91.8					
ROTZ	e PP	Z	09:30:58.0	100.5	91.7					
MANZ	e Pdiff	Z	09:26:53.7	100.5	91.6					
MOX	e Pdiff	Z	09:26:55.0	100.9	91.1					
FUR	e Pdiff	Z	09:26:55.1	101.0	91.3					
GRA1	e PP	Z	09:30:58.9	101.1	91.0					
STU	e Pdiff	Z	09:27:01.7	102.4	89.7					
TNS	e Pdiff	Z	09:27:03.9	102.9	88.8					
BFO	e Pdiff	Z	09:27:03.9	103.0	89.1					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/17	10:09: 8.9	8.880S	107.788E	20.0G				NEIC
Jawa, Indonesia								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e Pdiff	Z	10:22:49.1	99.3	92.7					
GEC2	e Pdiff	Z	10:22:49.5	99.4	92.8					
FBE	e Pdiff	Z	10:22:50.9	99.7	92.2					
CLL	e Pdiff	Z	10:22:51.4	99.9	91.9					
WET	e Pdiff	Z	10:22:52.0	99.9	92.2					
	e pPdiff	Z	10:23:23.1							
TANN	e Pdiff	Z	10:22:53.5	100.2	91.6					
WERD	e Pdiff	Z	10:22:53.5	100.3	91.5					
ROTZ	e Pdiff	Z	10:22:54.7	100.4	91.5					
	e pPdiff	Z	10:23:25.7							
	e PP	Z	10:26:59.3							
MANZ	e Pdiff	Z	10:22:54.8	100.4	91.4					
	e pPdiff	Z	10:23:26.1							

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

59

MOX	e Pdiff	Z	10:22:55.3	100.8	90.9
GRA1	e Pdiff	Z	10:22:56.8	101.0	90.8
	e PP	Z	10:27:04.4		
TNS	e Pdiff	Z	10:23:05.0	102.8	88.6

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/17	11:07:37.2	9.500S	107.700E	40.0N				NEIC

South of Jawa, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e Pdiff	Z 11:21:25.0	101.4	91.3					
	e PP	Z 11:25:33.6							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/17	11:03:17.3	9.200S	107.600E	40.0N				GSRC

South of Jawa, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PP	Z 11:21:12.2	101.1	91.2					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/17	12:52:10.1	9.100S	107.800E	10.0N				NEIC

South of Jawa, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e Pdiff	Z 13:05:54.0	100.0	92.0	1.6	14			
	e PP	Z 13:10:00.3							
	e SKSac	E 13:16:36.9							
	e PS	E 13:18:56.9							
	e PPS	E 13:20:00.6							
	e SS	N 13:24:15.2							
	e L	Z 13:59:30.8			18.0	1444		5.5	
GRA1	e PP	Z 13:10:09.2	101.2	90.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/17	15:21: 2.9	7.800S	108.400E	33.0N				GSRC

Jawa, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PP	Z 15:38:58.0	100.6	89.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/17	15:29: 5.3	8.800S	107.200E	33.0N				GSRC
Jawa, Indonesia								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PP	Z 15:47:02.5	100.6	91.2					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/17	15:45:57.9	9.500S	108.300E	10.0N		5.9		NEIC
South of Jawa, Indonesia								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e Pdiff	Z 15:59:44.5	100.1	92.7					
	e PP	Z 16:03:46.9							
	e PPP	Z 16:06:01.6							
GEC2	e Pdiff	Z 15:59:44.4	100.2	92.9					
	e PP	Z 16:03:47.5							
	e PPP	Z 16:06:02.2							
RUE	e Pdiff	Z 15:59:44.7	100.3	92.3					
	e PP	Z 16:03:47.4							
	e PPP	Z 16:06:01.7							
RGN	e Pdiff	Z 15:59:46.8	100.6	91.5					
	e PP	Z 16:03:50.4							
	e PPP	Z 16:06:04.5							
CLL	e Pdiff	Z 15:59:52.1	100.7	91.9					
	e PP	Z 16:03:52.1							
	e PPP	Z 16:06:07.3							
	e SKSac	E 16:10:27.4							
	e Sdiff	N 16:11:16.5							
	e PS	E 16:12:58.0							
	e PPS	E 16:13:42.0							
	e SS	E 16:18:24.4							
	e SSS	E 16:22:24.6							
	e L	Z 16:57:55.2							
WET	e Pdiff	Z 15:59:47.5	100.7	92.2	20.0	5660		6.1	
	e PP	Z 16:03:51.8							
	e PPP	Z 16:06:06.6							
TANN	e Pdiff	Z 15:59:48.9	101.0	91.6					
	e PP	Z 16:03:54.1							
	e PPP	Z 16:06:09.0							
ROTZ	e Pdiff	Z 15:59:49.7	101.2	91.6					
	e PP	Z 16:03:55.5							
	e PPP	Z 16:06:10.3							
MANZ	e Pdiff	Z 15:59:49.9	101.2	91.4					
	e PP	Z 16:03:55.9							

	e PPP	Z	16:06:10.7					
MOX	e Pdiff	Z	15:59:51.2	101.6	90.9			
	e PP	Z	16:03:58.2					
	e PPP	Z	16:06:13.0					
FUR	e Pdiff	Z	15:59:52.1	101.7	91.2			
	e PP	Z	16:03:59.9					
	e PPP	Z	16:06:14.4					
GRA1	e Pdiff	Z	15:59:52.4	101.8	90.8			
	e PP	Z	16:04:00.5					
	e PPP	Z	16:06:15.2					
	e SKSac	R	16:10:30.8					
	e Sdiff	T	16:11:32.8					
	e SS	R	16:18:37.7					
	e L	Z	16:52:41.9			21.0	4111	5.9
GRFO	e PP	Z	16:04:01.9	101.8	90.8			
CLZ	e Pdiff	Z	15:59:54.7	102.3	89.7			
	e PP	Z	16:04:04.0					
	e PPP	Z	16:06:18.7					
BSEG	e Pdiff	Z	15:59:53.5	102.4	89.2			
	e PP	Z	16:04:04.6					
	e PPP	Z	16:06:18.2					
UBBA	e Pdiff	Z	15:59:55.8	102.6	89.6			
	e PP	Z	16:04:06.8					
	e PPP	Z	16:06:21.0					
STU	e Pdiff	Z	15:59:58.2	103.1	89.5			
	e PP	Z	16:04:10.5					
	e PPP	Z	16:06:25.2					
TNS	e Pdiff	Z	16:00:00.5	103.6	88.6			
	e PP	Z	16:04:14.7					
	e PPP	Z	16:06:29.4					
BFO	e Pdiff	Z	16:00:00.9	103.7	88.9			
	e PP	Z	16:04:14.9					
	e PPP	Z	16:06:29.9					
HLG	e Pdiff	Z	16:00:00.9	103.8	87.2			
	e PP	Z	16:04:17.3					
	e PPP	Z	16:06:31.8					
IBBN	e Pdiff	Z	16:00:01.7	103.9	87.5			
	e PP	Z	16:04:17.2					
	e PPP	Z	16:06:32.1					
BUG	e Pdiff	Z	16:00:03.5	104.3	87.4			
	e PP	Z	16:04:19.3					
	e PPP	Z	16:06:33.9					
WLF	e Pdiff	Z	16:00:08.0	105.1	86.9			
	e PP	Z	16:04:26.2					
	e PPP	Z	16:06:41.1					

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

62

2006/07/17 16:09:52.4
South of Jawa, Indonesia

9.455S 108.818E 10.0N

NEIC

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e Pdiff	Z 16:23:47.2	102.1	90.4					
	e PP	Z 16:27:56.4							

Date Origin Time
2006/07/17 20:42:2.3
Qinghai, China

Lat Long Depth mb Ms ML Source
33.519N 95.492E 33.0N 5.1 SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e P	Z 20:51:57.3	59.0	74.6	1.6	92	5.5		
RUE	e P	Z 20:52:00.3	59.3	73.7	1.5	44	5.3		
BRG	e P	Z 20:52:02.9	59.6	72.9	1.6	24	5.0		
FBE	e P	Z 20:52:05.5	60.0	72.6	1.6	32	5.1		
CLL	e P	Z 20:52:05.6	60.1	72.5	1.3	17	4.9		
GEC2	e P	Z 20:52:08.5	60.4	71.6	1.3	14	4.6		
TANN	e P	Z 20:52:10.1	60.7	71.7	1.4	14	4.6		
WERD	e P	Z 20:52:10.6	60.7	71.6	1.5	17	4.7		
WET	e P	Z 20:52:11.3	60.8	71.3	1.6	23	4.7		
BSEG	e P	Z 20:52:10.6	60.8	72.1	2.0	67	5.1		
MANZ	e P	Z 20:52:12.9	61.0	71.2	1.7	24	4.7		
ROTZ	e P	Z 20:52:13.1	61.0	71.2	1.3	24	4.9		
MOX	e P	Z 20:52:13.0	61.1	71.2	1.5	22	4.8		
CLZ	e P	Z 20:52:15.6	61.4	71.0	1.2	22	5.3		
GRA1	e P	Z 20:52:17.2	61.6	70.5	1.2	24	5.3		
UBBA	e P	Z 20:52:19.3	62.0	70.3	1.7	23	5.1		
HLG	e P	Z 20:52:20.0	62.1	70.5	1.1	32	5.5		
FUR	e P	Z 20:52:20.4	62.1	69.8	1.4	54	5.6		
IBBN	e P	Z 20:52:24.4	62.8	69.5					
TNS	e P	Z 20:52:26.6	63.1	69.0	1.4	14	4.9		
STU	e P	Z 20:52:27.0	63.2	68.8	0.8	15	5.2		
BUG	e P	Z 20:52:28.3	63.4	68.8	1.4	22	5.2		
BFO	e P	Z 20:52:31.3	63.9	68.0	1.5	21	5.2		
WLF	e P	Z 20:52:37.5	64.7	67.2	1.4	41	5.5		

Date Origin Time
2006/07/17 20:41:51.2
Tonga Islands

Lat Long Depth mb Ms ML Source
18.400S 175.310W 33.0N SZGRF

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
IBBN	e PKPbc	Z 21:01:27.3	146.0	5.2					
CLZ	e PKPbc	Z 21:01:28.3	146.3	9.7					
CLL	e PKPbc	Z 21:01:28.5	146.4	14.4					

BRG	e	PKPbc	Z	21:01:29.5	146.7	16.1
FBE	e	PKPbc	Z	21:01:29.8	146.8	15.1
BUG	e	PKPbc	Z	21:01:29.4	146.9	4.5
MOX	e	PKPbc	Z	21:01:30.9	147.3	12.2
UBBA	e	PKPbc	Z	21:01:30.7	147.3	9.4
WERD	e	PKPbc	Z	21:01:31.4	147.4	13.5
TANN	e	PKPbc	Z	21:01:31.3	147.4	13.8
MANZ	e	PKPbc	Z	21:01:33.0	147.9	13.3
TNS	e	PKPbc	Z	21:01:32.9	148.0	6.7
	e	PKPab	Z	21:01:35.9		
ROTZ	e	PKPbc	Z	21:01:33.6	148.1	13.6
	e	PKPab	Z	21:01:36.3		
GRA1	e	PKPbc	Z	21:01:34.0	148.3	11.8
	e	PKPab	Z	21:01:37.2		
WET	e	PKPbc	Z	21:01:34.4	148.6	15.0
	e	PKPab	Z	21:01:38.4		
GEC2	e	PKPbc	Z	21:01:34.8	148.7	16.6
	e	PKPab	Z	21:01:38.8		
WLF	e	PKPbc	Z	21:01:35.6	148.7	2.7
	e	PKPab	Z	21:01:39.4		
FUR	e	PKPbc	Z	21:01:37.5	149.8	12.5
	e	PKPab	Z	21:01:43.1		
BFO	e	PKPbc	Z	21:01:37.6	149.9	6.9
	e	PKPab	Z	21:01:43.5		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/17 22:01:10.5 27.000N 56.200E 80.0N 4.3
 Southern Iran

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 22:08:38.0	39.8	110.6	1.0	4	4.0		
CLL	e P	Z 22:08:44.1	40.5	110.1	0.9	5	4.3		
GRA1	e P	Z 22:08:48.6	41.1	106.5	0.9	7	4.4		
CLZ	e P	Z 22:08:59.1	42.2	108.0	0.8	10	4.6		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/18 00:15:50.8 9.175S 108.835E 36.0G 5.5
 South of Jawa, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e Pdiff	Z 00:29:33.1	100.2	92.1					
	e PP	Z 00:33:37.7							
GEC2	e Pdiff	Z 00:29:32.9	100.3	92.2					
	e PP	Z 00:33:38.3							
FBE	e Pdiff	Z 00:29:35.0	100.6	91.6					

	e PP	Z	00:33:39.0						
CLL	e Pdiff	Z	00:29:35.3	100.8	91.2	1.3		6	
	e pPdiff	Z	00:29:46.8						
	e PP	Z	00:33:44.4						
	e PPP	Z	00:35:55.5						
	e SKSac	E	00:40:23.1						
	e SKKSac	E	00:40:45.6						
	e Sdiff	N	00:41:14.5						
	e PS	E	00:42:49.3						
	e SS	N	00:48:07.6						
	e SSS	N	00:52:03.7						
	e L	Z	01:22:30.0			22.0	1750		5.5
WET	e Pdiff	Z	00:29:35.9	100.8	91.6				
TANN	e Pdiff	Z	00:29:37.2	101.1	91.0				
GUNZ	e Pdiff	Z	00:29:36.6	101.2	90.9				
WERD	e Pdiff	Z	00:29:37.6	101.2	90.9				
ROTZ	e Pdiff	Z	00:29:38.1	101.3	90.9				
MANZ	e Pdiff	Z	00:29:38.8	101.3	90.8				
	e PP	Z	00:33:47.5						
MOX	e Pdiff	Z	00:29:40.9	101.7	90.3				
	e PP	Z	00:33:50.9						
GRA1	e Pdiff	Z	00:29:41.0	101.9	90.2				
	e PP	Z	00:33:50.5						
	e Sdiff	T	00:41:27.2						
	e SS	T	00:48:15.3						
	e L	Z	01:26:03.7			18.2	1364		5.5
BSEG	e Pdiff	Z	00:29:43.2	102.4	88.6				
	e PP	Z	00:33:54.7						
CLZ	e Pdiff	Z	00:29:42.9	102.4	89.1				
	e PP	Z	00:33:56.1						
TNS	e Pdiff	Z	00:29:49.2	103.7	87.9				
	e PP	Z	00:34:09.0						

Date 2006/07/18 Origin Time 01:53:39.6 Lat 1.749S Long 101.788E Depth 33.0N mb 4.7 Ms ML Source GSRC
 Southern Sumatera, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 02:06:37.2	90.0	92.8	0.8	4	4.7		
GEC2	e P	Z 02:06:37.3	90.1	92.6	1.1	5	4.6		
CLL	e P	Z 02:06:39.2	90.6	92.0	0.4	4	5.0		
WET	e P	Z 02:06:40.3	90.6	92.0	1.0	5	4.8		
TANN	e P	Z 02:06:42.3	90.9	91.6	1.3	4	4.6		
ROTZ	e P	Z 02:06:42.8	91.1	91.4	1.3	5	4.6		
MANZ	e P	Z 02:06:42.8	91.1	91.4	1.1	4	4.7		
GRA1	e P	Z 02:06:45.6	91.7	90.7	0.9	4	4.8		
BSEG	e P	Z 02:06:46.3	92.3	89.8	1.4	7	4.8		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/18 03:01:46.5 9.100S 108.900E 33.0N
 South of Jawa, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PP	Z 03:19:44.5	101.9	90.1					

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/18 03:27:51.2 0.245S 124.980E 25.0G
 Southern Molucca Sea

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e Pdiff	Z 03:41:47.7	102.9	73.0					
BRG	e Pdiff	Z 03:41:48.9	103.3	73.5					
FBE	e Pdiff	Z 03:41:50.5	103.6	73.0					
	e PP	Z 03:46:09.7							
CLL	e Pdiff	Z 03:41:50.2	103.7	72.7	1.1	15			
	e PP	Z 03:46:09.2							
	e SKSac	E 03:52:28.7							
	e PS	E 03:55:37.0							
	e PPS	E 03:56:09.7							
	e SS	E 04:01:17.8							
	e SSS	E 04:05:03.9							
	e L	Z 04:33:42.2			22.0	333		4.8	
GEC2	e Pdiff	Z 03:41:51.4	104.0	73.8					
TANN	e Pdiff	Z 03:41:53.3	104.3	72.4					
WERD	e Pdiff	Z 03:41:53.6	104.4	72.3					
GUNZ	e Pdiff	Z 03:41:53.8	104.4	72.3					
	e PP	Z 03:46:14.2							
BSEG	e Pdiff	Z 03:41:53.8	104.4	69.8					
WET	e Pdiff	Z 03:41:53.9	104.4	73.1					
	e PP	Z 03:46:13.8							
MANZ	e Pdiff	Z 03:41:55.2	104.7	72.2					
ROTZ	e Pdiff	Z 03:41:55.0	104.7	72.4					
MOX	e Pdiff	Z 03:41:55.2	104.8	71.7					
	e PP	Z 03:46:16.9							
CLZ	e Pdiff	Z 03:41:57.3	105.1	70.3					
GRA1	e Pdiff	Z 03:41:57.9	105.3	71.6					
	e PP	Z 03:46:21.6							
	e Sdiff	T 03:53:48.4							
	e SSS	R 04:05:22.8							
	e L	Z 04:38:02.7			20.4	453		5.0	
UBBA	e Pdiff	Z 03:41:59.8	105.7	70.3					
TNS	e Pdiff	Z 03:42:05.4	106.8	69.2					

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

66

	e PP	Z	03:46:32.6		
BFO	e Pdiff	Z	03:42:07.7	107.5	69.6
	e PP	Z	03:46:38.2		
WLF	e Pdiff	Z	03:42:11.5	108.4	67.4
	e PP	Z	03:46:44.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/18	04:18:22.6	9.379S	108.752E	10.0G		5.0		NEIC
South of Jawa, Indonesia								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e Pdiff	Z	04:32:10.5	100.3	92.3					
GEC2	e PP	Z	04:36:16.6	100.4	92.4					
CLL	e Pdiff	Z	04:32:14.2	100.9	91.4					
WET	e Pdiff	Z	04:32:13.9	100.9	91.8					
TANN	e PP	Z	04:36:21.9	101.2	91.2					
GUNZ	e Pdiff	Z	04:32:16.5	101.3	91.1					
	e PP	Z	04:36:22.9							
WERD	e Pdiff	Z	04:32:15.9	101.3	91.1					
	e PP	Z	04:36:22.2							
ROTZ	e Pdiff	Z	04:32:15.9	101.4	91.1					
MANZ	e Pdiff	Z	04:32:17.7	101.4	91.0					
	e PP	Z	04:36:23.9							
GRA1	e Pdiff	Z	04:32:18.2	102.0	90.4					
	e pPdiff	Z	04:32:31.2							
	e L	Z	05:25:36.4			21.1	496		5.0	
CLZ	e Pdiff	Z	04:32:21.3	102.5	89.3					
	e PP	Z	04:36:30.4							
TNS	e Pdiff	Z	04:32:26.1	103.8	88.1					
WLF	e PP	Z	04:36:54.9	105.3	86.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/18								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKPdf	Z	06:26:00.2							
CLL	e PKPdf	Z	06:25:59.3							
FBE	e PKPdf	Z	06:26:00.7							
GRA1	e PKPdf	Z	06:26:02.5							
MOX	e PKPdf	Z	06:26:02.0							
NEUB	e PKPdf	Z	06:26:00.5							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
------	-------------	-----	------	-------	----	----	----	--------

2006/07/18

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 07:37:35.6							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/18	14:54:58.0	8.900S	107.800E	33.0N				GSRC

Jawa, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e Pdiff	Z 15:08:44.9	101.0	90.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/18	16:02:12.7	20.600S	177.670W	629.6				SZGRF

Fiji Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPdf	Z 16:20:49.4	146.1	13.5					
RUE	e PKPdf	Z 16:20:50.6	146.9	19.9					
NRDL	e PKPdf	Z 16:20:51.6	147.5	13.7					
	e PKPbc	Z 16:20:54.0							
IBBN	e PKPdf	Z 16:20:52.5	148.0	9.6					
	e PKPbc	Z 16:20:55.2							
CLZ	e PKPdf	Z 16:20:52.8	148.1	14.4					
	e PKPbc	Z 16:20:55.4							
	e PKPab	Z 16:21:00.0							
CLL	e PKPdf	Z 16:20:52.3	148.2	19.2					
	e PKPbc	Z 16:20:55.5							
	e PKPab	Z 16:20:59.7							
BRG	e PKPdf	Z 16:20:52.9	148.4	21.1					
	e PKPbc	Z 16:20:56.2							
	e PKPab	Z 16:21:00.7							
FBE	e PKPdf	Z 16:20:53.1	148.5	20.0					
	e PKPbc	Z 16:20:56.6							
	e PKPab	Z 16:21:01.1							
	e	16:23:41.1							
	e PP	Z 16:24:26.8							
BUG	e PKPdf	Z 16:20:53.9	148.9	9.0					
	e PKPbc	Z 16:20:57.3							
MOX	e PKPdf	Z 16:20:54.0	149.1	17.1					
	e PKPbc	Z 16:20:57.8							
	e PKPab	Z 16:21:03.9							
TANN	e PKPdf	Z 16:20:54.1	149.1	18.7					
	e PKPbc	Z 16:20:58.0							
	e PKPab	Z 16:21:04.3							

WERD	e PKPdf	Z	16:20:54.2	149.1	18.4
	e PKPbc	Z	16:20:58.0		
	e PKPab	Z	16:21:04.3		
	e		16:23:42.4		
UBBA	e PKPdf	Z	16:20:54.2	149.2	14.1
	e PKPbc	Z	16:20:58.3		
	e PP	Z	16:24:32.1		
GUNZ	e PKPdf	Z	16:20:54.5	149.2	18.5
	e PKPbc	Z	16:20:58.3		
	e PKPab	Z	16:21:04.4		
MANZ	e PKPdf	Z	16:20:54.8	149.6	18.3
	e PKPbc	Z	16:20:59.7		
	e PKPab	Z	16:21:06.7		
	e pPKPbc	Z	16:23:21.9		
ROTZ	e PKPdf	Z	16:20:55.1	149.8	18.6
	e PKPbc	Z	16:21:00.0		
	e PKPab	Z	16:21:07.0		
TNS	e PKPdf	Z	16:20:55.6	150.0	11.5
	e PKPbc	Z	16:21:00.4		
	e PKPab	Z	16:21:08.0		
GRA1	e PKPdf	Z	16:20:55.7	150.1	16.9
	e PKPbc	Z	16:21:00.6		
	e PKPab	Z	16:21:07.9		
	e pPKPbc	Z	16:23:23.6		
	e PP	Z	16:24:35.4		
WET	e SS	T	16:43:04.2	150.2	20.2
	e PKPdf	Z	16:20:55.3		
	e PKPbc	Z	16:21:00.8		
GEC2	e PKPab	Z	16:21:08.8	150.3	21.9
	e PKPdf	Z	16:20:55.9		
	e PKPbc	Z	16:21:00.9		
WLF	e PKPab	Z	16:21:09.2	150.8	7.3
	e PKPdf	Z	16:20:57.2		
	e PKPbc	Z	16:21:02.6		
STU	e PKPab	Z	16:21:11.2	151.3	13.5
	e PKPdf	Z	16:20:57.8		
	e PKPbc	Z	16:21:03.4		
FUR	e PKPab	Z	16:21:12.8	151.5	17.8
	e PKPdf	Z	16:20:57.7		
	e PKPbc	Z	16:21:03.7		
BFO	e PKPab	Z	16:21:14.0	151.9	12.0
	e PKPdf	Z	16:20:57.8		
	e PKPbc	Z	16:21:04.5		
	e PKPab	Z	16:21:15.2		

Bougainville - Solomon Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPdf	Z	20:06:32.0	122.2	43.7					
BRG	e PKPdf	Z	20:06:32.8	122.7	49.0					
	e PP	Z	20:08:20.0							
CLL	e PKPdf	Z	20:06:33.0	122.9	47.8					
FBE	e PKPdf	Z	20:06:33.6	123.0	48.3					
NRDL	e PKPdf	Z	20:06:34.0	123.3	44.2					
CLZ	e PKPdf	Z	20:06:35.1	123.7	44.7					
	e PP	Z	20:08:26.9							
	e SKPdf	Z	20:09:25.3							
TANN	e PKPdf	Z	20:06:34.9	123.7	47.7					
	e PP	Z	20:08:25.8							
WERD	e PKPdf	Z	20:06:35.2	123.8	47.5					
	e PP	Z	20:08:27.8							
	e SKPdf	Z	20:09:26.7							
GUNZ	e PKPdf	Z	20:06:35.3	123.8	47.5					
	e PP	Z	20:08:28.3							
GEC2	e PKPdf	Z	20:06:35.9	124.2	49.8					
MANZ	e PKPdf	Z	20:06:36.1	124.2	47.5					
	e SKPdf	Z	20:09:28.2							
ROTZ	e PKPdf	Z	20:06:36.2	124.3	47.7					
	e PP	Z	20:08:29.7							
WET	e PKPdf	Z	20:06:35.8	124.4	48.7					
	e PP	Z	20:08:30.4							
GRA1	e PP	Z	20:08:32.8	124.8	46.7					
BUG	e PKPdf	Z	20:06:37.7	125.3	41.5					
TNS	e PKPdf	Z	20:06:38.6	125.7	43.4					
FUR	e PKPdf	Z	20:06:38.8	125.8	47.6					
STU	e PKPdf	Z	20:06:40.2	126.4	45.0					
WLF	e PKPdf	Z	20:06:42.1	127.1	41.1					
BFO	e PKPdf	Z	20:06:41.7	127.1	44.3					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/18	23:27: 5.3	25.500N	60.470E	33.0	5.1	4.0		SZGRF
Southern Iran								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	23:35:04.1	43.5	107.8	1.1	11	4.5		
WET	e P	Z	23:35:05.0	43.6	105.0	1.9	49	4.9		
	e S	R	23:41:35.7							
FBE	e P	Z	23:35:07.3	43.8	107.3	1.1	10	4.5		
RUE	e P	Z	23:35:08.9	44.1	109.2	1.1	40	5.1		
	e S	R	23:41:38.3							
CLL	i P	+ Z	23:35:09.2	44.2	107.3	1.8	161	5.5		
	e		23:35:22.3							

	e PP	Z	23:36:59.3								
	e PPP	Z	23:37:34.0								
	e S	E	23:41:34.3								
	e SS	E	23:45:11.0								
	e SSS	Z	23:46:11.4								
	e LR	Z	23:48:39.0								
	e L	Z	23:55:25.8			22.0	304				
ROTZ	e P	Z	23:35:10.6	44.2	105.0	1.3	27	4.8			
	e S	R	23:41:40.4								
TANN	e P	Z	23:35:10.1	44.2	105.9	2.0	14	4.4			
MANZ	e P	Z	23:35:11.4	44.3	105.1	1.4	16	4.5			
WERD	e P	Z	23:35:11.0	44.3	105.8	1.9	14	4.4			
FUR	e P	Z	23:35:12.0	44.4	102.6	1.1	22	4.8			
MOX	e P	Z	23:35:15.0	44.8	105.3	1.5	21	4.8			
	e S	R	23:41:49.6								
GRA1	e P	Z	23:35:15.6	44.8	104.0	1.7	123	5.6			
	e	Z	23:35:27.7								
	e L	Z	23:50:37.7			31.8	314		4.0		
RGN	e P	Z	23:35:17.0	45.0	110.7	1.3	222	5.9			
CLZ	e P	Z	23:35:24.0	45.9	105.3	1.5	89	5.6			
STU	e P	Z	23:35:23.1	45.9	101.3	1.2	29	5.2			
BFO	e P	Z	23:35:26.7	46.4	100.1	2.3	58	5.2			
BSEG	e P	Z	23:35:28.3	46.5	107.2	1.3	52	5.5			
TNS	e P	Z	23:35:30.5	46.7	102.0	1.5	76	5.6			
IBBN	e P	Z	23:35:37.2	47.5	103.3	1.2	76	5.7			
BUG	e P	Z	23:35:38.2	47.7	102.1	1.1	46	5.5			
WLF	e P	Z	23:35:40.7	48.0	99.5	1.1	21	5.2			

Date 2006/07/19 Origin Time 01:29:36.0 Lat 4.700S Long 149.600E Depth 47.0N mb Ms ML Source NEIC
Bismarck Sea

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKPdf	Z 01:48:23.7	120.9	54.3					
WERD	e PKPdf	Z 01:48:25.0	122.0	52.8					
GEC2	e PKPdf	Z 01:48:25.2	122.2	55.0					
WET	e PKPdf	Z 01:48:26.6	122.5	54.1					
GRA1	e PKPdf	Z 01:48:27.1	123.0	52.1					

Date 2006/07/19 Origin Time 01:58:55.0 Lat 9.200S Long 108.300E Depth 10.0N mb Ms ML Source NEIC
South of Jawa, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PP	Z 02:16:57.6	101.6	90.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/19	02:34:5.2	45.689N	15.938E	10.0G			4.1	SZGRF

Northwestern Balkan Peninsula

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z	02:34:59.8	3.5	153.5					3.8
	e Sg	N	02:35:56.9							
WET	e Pn	Z	02:35:06.6	4.0	147.9					3.9
	e Sg	N	02:36:17.8							
ROTZ	e Pn	Z	02:35:16.1	4.8	147.0					4.1
	e Sg	N	02:36:39.0							
MANZ	e Pn	Z	02:35:19.5	5.0	147.7					4.0
	e Sg	N	02:36:43.5							
GRA1	e Pn	Z	02:35:23.2	5.1	139.8					4.2
	e Sn	E	02:36:19.2							
GUNZ	e Pn	Z	02:35:23.1	5.3	151.4					4.1
	e Sn	N	02:36:23.6							
TANN	e Pn	Z	02:35:24.1	5.3	152.5					4.0
WERD	e Pn	Z	02:35:24.1	5.3	151.6					3.9
	e Sg	N	02:36:57.1							
BRG	e Pn	Z	02:35:24.9	5.4	164.9					3.8
	e Sn	N	02:36:22.9							
FBE	e Pn	Z	02:35:26.8	5.5	160.8					4.0
	e Sn	N	02:36:26.7							
MOX	e Pn	Z	02:35:29.8	5.7	148.2					4.1
	e Sg	N	02:37:05.6							
CLL	e Pn	Z	02:35:32.8	5.9	159.8					4.4
	e Sg	E	02:37:13.3							
NEUB	e Sg	E	02:37:21.4	6.2	151.8					4.6

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/19	05:59:25.1	22.070S	176.520W	382.8				SZGRF

South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e PKP	Z	06:18:24.5	146.7	16.8					
HLG	e PKP	Z	06:18:27.4	147.7	7.7					
BSEG	e PKP	Z	06:18:27.1	147.7	11.9					
RUE	e PKPbc	Z	06:18:27.1	148.6	18.5					
	e PKPab	Z	06:18:31.8							
NRDL	e PKPdf	Z	06:18:25.0	149.2	12.0					
	e PKPbc	Z	06:18:28.7							
	e PKPab	Z	06:18:34.5							
IBBN	e PKPbc	Z	06:18:29.8	149.6	7.8					

	e PKPab	Z	06:18:36.6		
CLZ	e PKPdf	Z	06:18:26.1	149.8	12.8
	e PKPbc	Z	06:18:29.7		
	e PKPab	Z	06:18:37.4		
CLL	e PKPdf	Z	06:18:25.9	149.8	17.8
	e PKPbc	Z	06:18:30.1		
	e PKPab	Z	06:18:36.9		
BRG	e PKPdf	Z	06:18:25.9	150.1	19.7
	e PKPbc	Z	06:18:30.9		
	e PKPab	Z	06:18:37.6		
FBE	e PKPbc	Z	06:18:31.3	150.1	18.6
	e PKPab	Z	06:18:38.6		
BUG	e PKPbc	Z	06:18:32.3	150.5	7.1
	e PKPab	Z	06:18:40.4		
	e pPKPbc	Z	06:20:05.4		
MOX	e PKPdf	Z	06:18:27.0	150.7	15.6
	e PKPbc	Z	06:18:32.3		
	e PKPab	Z	06:18:41.0		
	e pPKPbc	Z	06:20:05.5		
WERD	e PKPdf	Z	06:18:27.0	150.8	16.9
	e PKPbc	Z	06:18:32.8		
	e PKPab	Z	06:18:41.1		
	e pPKPbc	Z	06:20:05.6		
TANN	e PKPdf	Z	06:18:26.5	150.8	17.2
	e PKPbc	Z	06:18:32.8		
	e PKPab	Z	06:18:41.0		
	e pPKPbc	Z	06:20:05.7		
UBBA	e PKPdf	Z	06:18:27.6	150.8	12.5
	e PKPbc	Z	06:18:32.9		
	e PKPab	Z	06:18:41.3		
	e pPKPbc	Z	06:20:05.4		
GUNZ	e PKPdf	Z	06:18:27.1	150.9	17.0
	e PKPbc	Z	06:18:33.4		
	e PKPab	Z	06:18:41.6		
	e pPKPbc	Z	06:20:06.1		
MANZ	e PKPdf	Z	06:18:27.9	151.3	16.8
	e PKPbc	Z	06:18:34.0		
	e PKPab	Z	06:18:43.7		
	e pPKPbc	Z	06:20:07.1		
ROTZ	e PKPdf	Z	06:18:28.6	151.5	17.1
	e PKPbc	Z	06:18:34.5		
	e PKPab	Z	06:18:44.2		
	e pPKPbc	Z	06:20:07.5		
TNS	e PKPbc	Z	06:18:34.6	151.6	9.7
	e PKPab	Z	06:18:44.6		
	e pPKPbc	Z	06:20:08.1		
GRA1	e PKPbc	Z	06:18:35.1	151.7	15.3
	e PKPab	Z	06:18:44.7		
	e pPKPbc	Z	06:20:08.4		

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

73

WET	e PKPdf	Z	06:18:28.9	151.9	18.8
	e PKPbc	Z	06:18:35.5		
	e PKPab	Z	06:18:46.3		
	e pPKPbc	Z	06:20:08.5		
GEC2	e PKPdf	Z	06:18:28.8	152.0	20.5
	e PKPbc	Z	06:18:35.4		
	e PKPab	Z	06:18:46.4		
	e pPKPbc	Z	06:20:08.8		
WLF	e PKPdf	Z	06:18:30.7	152.3	5.3
	e PKPbc	Z	06:18:37.2		
	e PKPab	Z	06:18:48.4		
STU	e PKPdf	Z	06:18:31.1	152.9	11.7
	e PKPbc	Z	06:18:37.8		
	e PKPab	Z	06:18:49.5		
FUR	e PKPbc	Z	06:18:38.4	153.2	16.2
	e PKPab	Z	06:18:51.5		
BFO	e PKPbc	Z	06:18:38.9	153.5	10.1
	e PKPab	Z	06:18:52.4		
	e pPKPbc	Z	06:20:12.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/19	07:25:7.1	9.535S	107.178E	10.0G		5.2		NEIC

South of Jawa, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e Pdiff	Z	07:38:53.3	100.0	92.8					
	e PP	Z	07:42:56.4							
	e PPP	Z	07:45:09.5							
	e SKSac	E	07:49:27.7							
	e Sdiff	N	07:50:22.0							
	e PS	E	07:51:56.5							
	e SS	N	07:57:20.5							
	e SSS	Z	08:00:59.1							
	e SSSS	N	08:04:27.7							
	e L	Z	08:30:55.2			20.0	714		5.2	
GRA1	e PP	Z	07:43:03.8	101.1	91.7					
	e SKSac	R	07:49:36.9							
	e SS	T	07:57:29.9							
	e L	Z	08:31:08.7			21.2	714		5.2	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/19	09:53:10.6	33.050N	96.000E	33.0N	5.6	5.2		SZGRF

Qinghai, China

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

RGN	e P	Z	10:03:13.1	59.6	74.6	1.0	96	5.8		
RUE	e P	Z	10:03:14.7	59.9	73.7	0.8	36	5.5		
BRG	e P	Z	10:03:17.3	60.3	73.0	1.0	28	5.2		
FBE	e P	Z	10:03:19.8	60.6	72.6	2.0	125	5.4		
CLL	e P	Z	10:03:19.7	60.7	72.6	1.0	32	5.1		
	e PP	Z	10:05:31.1							
	e PPP	Z	10:07:04.4							
	e PPPP	Z	10:07:48.6							
	e S	N	10:11:38.8							
	e ScS	E	10:13:15.4							
	e SS	E	10:15:44.9							
	e L	Z	10:34:28.1			20.0	3630		5.5	
GEC2	e P	Z	10:03:22.9	61.0	71.7	2.3	133	5.4		
TANN	e P	Z	10:03:24.4	61.3	71.7	2.2	88	5.2		
WERD	e P	Z	10:03:24.9	61.4	71.7	1.2	20	5.2		
GUNZ	e P	Z	10:03:25.2	61.4	71.6	2.0	131	5.8		
WET	e P	Z	10:03:25.7	61.4	71.4	1.2	27	5.4		
BSEG	e P	Z	10:03:25.9	61.4	72.1	1.1	77	5.8		
MANZ	e P	Z	10:03:27.2	61.6	71.3	2.1	94	5.7		
ROTZ	e P	Z	10:03:27.4	61.6	71.2	1.1	51	5.7		
MOX	e P	Z	10:03:27.4	61.7	71.3	2.3	120	5.7		
NRDL	e P	Z	10:03:29.8	62.0	71.2	1.1	73	5.8		
CLZ	e P	Z	10:03:30.0	62.1	71.1	1.1	66	5.8		
GRA1	e P	Z	10:03:31.5	62.3	70.6	1.0	45	5.7		
	e S	R	10:12:04.4							
	e L	Z	10:31:44.7			21.6	1831		5.2	
UBBA	e P	Z	10:03:33.5	62.6	70.3	2.0	58	5.4		
HLG	e P	Z	10:03:34.4	62.7	70.5	1.1	153	6.0		
FUR	e P	Z	10:03:34.7	62.8	69.8	1.2	123	5.9		
IBBN	e P	Z	10:03:38.8	63.4	69.5	1.4	75	5.7		
TNS	e P	Z	10:03:41.0	63.8	69.0	1.2	31	5.4		
STU	e P	Z	10:03:41.4	63.8	68.8	1.0	48	5.7		
BUG	e P	Z	10:03:42.7	64.0	68.8	1.9	86	5.7		
BFO	e P	Z	10:03:45.7	64.5	68.1	1.1	30	5.4		
WLF	e P	Z	10:03:51.8	65.3	67.3	1.0	74	5.9		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/19 10:57:36.9 6.433S 105.398E 44.0G 5.6 5.7 NEIC
 Sunda Strait, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	11:10:58.9	95.9	92.9	1.0	14	5.4		
	e PP	Z	11:14:45.5							
GEC2	e P	Z	11:10:59.2	96.0	93.0	1.6	40	5.7		
	e PP	Z	11:14:45.9							
RUE	e P	Z	11:10:59.7	96.1	92.7	1.2	49	5.9		
	e PP	Z	11:14:45.7							

FBE	e P	Z	11:11:00.6	96.3	92.5	1.5	28	5.6
RGN	e P	Z	11:11:01.2	96.4	92.1	1.1	57	6.0
	e PP	Z	11:14:47.7					
WET	e P	Z	11:11:01.9	96.5	92.3	1.0	23	5.6
	e PP	Z	11:14:50.2					
CLL	e P	Z	11:11:01.2	96.5	92.2	1.4	21	5.5
	e PP	Z	11:14:54.2					
	e SKSac	E	11:21:32.6					
	e SKKSac	Z	11:21:57.6					
	e S	N	11:22:18.5					
	e		11:22:43.9					
	e SP	Z	11:23:36.6					
	e PS	E	11:23:48.8					
	e SS	E	11:28:47.9					
	e SSSS	E	11:36:04.7					
	e L	Z	12:00:02.0			22.0	2389	5.6
TANN	e P	Z	11:11:02.6	96.8	91.9	1.8	34	5.7
	e PP	Z	11:14:52.9					
GUNZ	e P	Z	11:11:03.5	96.9	91.8	1.1	10	5.4
WERD	e P	Z	11:11:03.4	96.9	91.7	1.6	22	5.5
ROTZ	e P	Z	11:11:04.3	97.0	91.7	1.1	17	5.6
	e PP	Z	11:14:54.5					
MANZ	e P	Z	11:11:04.6	97.0	91.6	1.2	22	5.6
	e PP	Z	11:14:54.8					
MOX	e P	Z	11:11:05.2	97.4	91.2	1.1	10	5.3
	e PP	Z	11:14:56.9					
FUR	e PP	Z	11:14:58.0	97.5	91.2			
GRA1	e P	Z	11:11:06.1	97.6	91.0	0.8	18	5.8
	e PP	Z	11:14:59.0					
	e SKSac	R	11:22:08.2					
	e S	T	11:22:39.4					
	e PS	R	11:23:59.5					
	e L	Z	12:01:29.6			21.4	2560	5.7
GRFO	e P	Z	11:11:06.4	97.6	91.0	0.8	16	5.8
CLZ	e P	Z	11:11:06.6	98.2	90.0	1.2	14	5.6
	e PP	Z	11:15:05.7					
BSEG	e P	Z	11:11:09.2	98.2	89.7	0.9	21	5.9
	e PP	Z	11:15:08.6					
NRDL	e P	Z	11:11:09.9	98.3	89.7	1.3	19	5.7
UBBA	e P	Z	11:11:10.4	98.4	89.9	1.1	8	5.3
	e PP	Z	11:15:04.5					
STU	e PP	Z	11:15:09.0	98.9	89.6			
TNS	e P	Z	11:11:17.3	99.4	88.8	1.3	24	5.8
	e PP	Z	11:15:12.5					
BFO	e P	Z	11:11:18.7	99.5	89.0	1.1	8	5.3
	e PP	Z	11:15:13.1					
HLG	e P	Z	11:11:17.2	99.6	87.7	1.5	154	6.4
	e PP	Z	11:15:18.2					
IBBN	e P	Z	11:11:13.9	99.8	87.9			

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

76

BUG	e P	Z	11:11:18.3	100.1	87.7	0.7	7	5.4
WLF	e P	Z	11:11:20.9	100.9	87.1			
	e PP	Z	11:15:23.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/19	11:44:33.5	57.181N	155.851W	48.3	5.4			SZGRF

Alaska Peninsula, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
HLG	e P	Z	11:55:27.8	67.9	350.6	1.0	78	5.9		
RGN	e P	Z	11:55:27.4	67.9	353.7	1.1	141	6.1		
BSEG	e P	Z	11:55:29.6	68.3	352.0	1.1	55	5.7		
IBBN	e P	Z	11:55:38.1	69.7	350.6	1.3	55	5.5		
NRDL	e P	Z	11:55:38.1	69.7	351.9	1.5	54	5.5		
RUE	e P	Z	11:55:40.0	70.0	354.0	1.0	69	5.7		
CLZ	e P	Z	11:55:42.7	70.4	352.1	1.5	74	5.6		
BUG	e P	Z	11:55:42.7	70.5	350.4	0.9	37	5.5		
CLL	e P	Z	11:55:46.3	71.1	353.6	2.0	66	5.4		
UBBA	e P	Z	11:55:48.5	71.4	352.0	2.0	39	5.2		
FBE	e P	Z	11:55:49.2	71.5	353.9	1.3	33	5.3		
BRG	e P	Z	11:55:49.6	71.6	354.2	1.3	22	5.1		
MOX	e P	Z	11:55:50.0	71.7	352.9	1.5	58	5.5		
TNS	e P	Z	11:55:51.0	71.8	351.1	0.7	23	5.4		
	e pP	Z	11:56:04.8							
WERD	e P	Z	11:55:51.7	71.9	353.3	1.8	32	5.1		
TANN	e P	Z	11:55:52.1	72.0	353.4	2.1	56	5.3		
GUNZ	e P	Z	11:55:52.2	72.0	353.3	1.6	31	5.2		
	e pP	Z	11:56:06.1							
MANZ	e P	Z	11:55:54.4	72.4	353.2	2.5	48	5.2		
GRA1	e P	Z	11:55:55.8	72.6	352.7	0.8	21	5.3		
	e pP	Z	11:56:09.5							
GRFO	e P	Z	11:55:55.9	72.6	352.7	0.8	19	5.3		
ROTZ	e P	Z	11:55:55.9	72.6	353.3	0.9	12	5.0		
	e pP	Z	11:56:09.8							
WET	e P	Z	11:55:59.9	73.3	353.6	1.0	9	4.8		
	e pP	Z	11:56:13.3							
STU	e P	Z	11:55:59.8	73.3	351.6	0.7	18	5.2		
GEC2	e P	Z	11:56:01.4	73.6	354.1	0.7	11	5.0		
BFO	e P	Z	11:56:01.4	73.7	351.1	0.6	11	5.0		
FUR	e P	Z	11:56:04.5	74.1	352.8	0.7	35	5.5		
	e pP	Z	11:56:18.4							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/19	11:49: 4.8	4.970S	150.880E	33.0N		6.6		SZGRF

New Britain, Papua New Guinea, region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e PP	Z	12:09:15.3	119.8	50.8					
RUE	e PP	Z	12:09:23.1	120.9	52.2					
BSEG	e PP	Z	12:09:27.6	121.5	47.9					
CLL	e PKPdf	Z	12:07:55.1	122.0	52.0					
	e pPKPdf	Z	12:08:02.4							
	e PP	Z	12:09:27.4							
	e sPP	Z	12:09:38.8							
	e SKKSac	Z	12:16:29.5							
	e PPS	E	12:20:45.0							
	e SS	N	12:26:10.7							
	e SSS	E	12:30:44.4							
	e LR	Z	12:47:32.2							
	e L	Z	13:06:01.7			20.0	12357		6.6	
FBE	e PP	Z	12:09:30.9	122.0	52.5					
HLG	e PP	Z	12:09:33.6	122.4	45.2					
NRDL	e PP	Z	12:09:34.7	122.6	48.4					
TANN	e PP	Z	12:09:36.1	122.8	51.9					
WERD	e PP	Z	12:09:36.4	122.9	51.7					
GUNZ	e PP	Z	12:09:36.8	122.9	51.8					
CLZ	e PP	Z	12:09:37.3	122.9	49.0					
MOX	e PP	Z	12:09:38.1	123.1	50.9					
GEC2	e PP	Z	12:09:37.8	123.1	53.9					
MANZ	e PP	Z	12:09:39.2	123.2	51.7					
ROTZ	e PP	Z	12:09:39.9	123.3	51.9					
WET	e PP	Z	12:09:39.8	123.4	52.9					
UBBA	e PP	Z	12:09:42.7	123.7	49.1					
IBBN	e PP	Z	12:09:42.1	123.8	46.0					
GRA1	e PKPdf	Z	12:07:58.0	123.9	51.0					
	e PP	Z	12:09:43.6							
	e SS	R	12:26:44.9							
	e L	Z	13:07:00.7			19.3	13271		6.6	
GRFO	e PP	Z	12:09:43.6	123.9	51.0					
BUG	e PP	Z	12:09:48.0	124.6	45.9					
TNS	e PP	Z	12:09:50.6	124.9	47.8					
STU	e PP	Z	12:09:53.9	125.5	49.3					
BFO	e PP	Z	12:09:58.7	126.2	48.6					

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/19 18:09: 0.4 5.398S 150.610E 26.0G 5.9 NEIC
 New Britain, Papua New Guinea, region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e PP	Z	18:29:07.1	120.1	51.3					
RUE	e PP	Z	18:29:15.2	121.1	52.7					
	e SS	T	18:45:55.8							

BSEG	e PP	Z	18:29:19.4	121.8	48.4			
BRG	e SS	T	18:46:06.0	122.0	53.7			
CLL	e PP	Z	18:29:28.8	122.2	52.5			
	e PPP	Z	18:32:01.8					
	e PKKPab	Z	18:37:48.6					
	e PS	E	18:39:24.4					
	e PPS	E	18:40:47.4					
	e SS	N	18:46:10.2					
	e SSS	E	18:50:43.0					
	e SSSS	E	18:54:17.3					
	e LR	Z	19:07:37.8					
	e L	Z	19:25:12.1			20.0	2951	5.9
FBE	e PP	Z	18:29:23.0	122.3	53.1			
HLG	e SS	T	18:46:17.7	122.7	45.7			
TANN	e PKPdf	Z	18:27:56.2	123.0	52.4			
	e PP	Z	18:29:28.6					
	e SS	T	18:46:21.0					
WERD	e PP	Z	18:29:28.6	123.1	52.2			
GUNZ	e PKPdf	Z	18:27:54.5	123.1	52.3			
	e PP	Z	18:29:28.7					
CLZ	e PP	Z	18:29:29.1	123.1	49.5			
	e SS	T	18:46:24.0					
MOX	e PP	Z	18:29:30.0	123.3	51.4			
	e SS	T	18:46:29.6					
GEC2	e PKPdf	Z	18:27:56.6	123.3	54.5			
	e PP	Z	18:29:32.9					
	e SS	T	18:46:32.8					
MANZ	e PP	Z	18:29:31.1	123.5	52.3			
	e SS	T	18:46:36.8					
ROTZ	e PP	Z	18:29:31.8	123.6	52.5			
	e SS	T	18:46:37.0					
WET	e PP	Z	18:29:31.8	123.6	53.5			
	e SS	T	18:46:30.3					
UBBA	e SS	T	18:46:40.9	124.0	49.6			
IBBN	e PP	Z	18:29:34.1	124.0	46.5			
GRA1	e PP	Z	18:29:35.3	124.1	51.5			
	e SS	T	18:46:27.9					
	e L	Z	19:26:59.6			20.1	2797	5.9
BUG	e PP	Z	18:29:39.8	124.8	46.4			
	e SS	T	18:46:41.4					
FUR	e PP	Z	18:29:41.7	125.0	52.4			
	e SS	T	18:46:55.9					
TNS	e PKPdf	Z	18:28:00.9	125.1	48.3			
	e PP	Z	18:29:42.0					
	e SS	T	18:46:51.6					
STU	e PKPdf	Z	18:28:01.6	125.7	49.9			
	e PP	Z	18:29:45.7					
	e SS	T	18:47:02.0					
BFO	e PP	Z	18:29:50.3	126.4	49.2			

	e SS	T	18:47:11.9									
WLF	e PKPdf	Z	18:28:04.8	126.6	46.1							
	e PP	Z	18:29:52.1									
	e SS	T	18:47:08.9									

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/19	18:58: 6.8	6.403S	146.301E	100.0N				GSRC

Eastern New Guinea, Papua New Guinea, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 19:16:53.1	122.7	56.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/19	22:09:23.3	9.400S	108.600E	10.0N				NEIC

South of Jawa, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PP	Z 22:27:28.6	101.9	90.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/20								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z 01:04:03.3							
	e Sn	E 01:04:58.4							
GRA1	e Sn	N 01:05:33.9							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/20	04:34: 9.3	9.600S	107.600E	33.0N				GSRC

South of Jawa, Indonesia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PP	Z 04:52:08.3	101.4	91.4					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/20	15:38:29.7	9.900S	108.800E	33.0N				GSRC

South of Jawa, Indonesia

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

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

80

GRA1 e PP Z 15:56:37.1 102.4 90.7

Date Origin Time Lat Long Depth mb Ms ML Source
2006/07/20 22:48: 9.5 45.928N 11.557E 10.0G 3.2 SZGRF
Northern Italy

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
FUR	e Pn	Z 22:48:43.7	2.2	175.0					3.2
	e Sg	N 22:49:19.7							
BFO	e Sg	E 22:49:52.7	3.3	136.4					2.9
GEC2	e Pn	Z 22:49:01.1	3.3	207.3					
GRA1	e Sg	E 22:50:09.5	3.8	176.5					3.5
BRG	e Sg	E 22:50:50.8	5.2	198.7					
CLL	e Sg	N 22:51:03.4	5.5	190.6					

Date Origin Time Lat Long Depth mb Ms ML Source
2006/07/20 23:46:50.1 29.326N 55.926E 33.0N 4.8 SZGRF
Southern Iran

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 23:54:15.8	39.3	104.2	1.5	40	4.8		

Date Origin Time Lat Long Depth mb Ms ML Source
2006/07/21 22:01:45.0 39.400N 40.800E 5.0N 4.5 GSRC
Turkey

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 22:06:55.8	23.3	105.0	0.9	15	4.5		

Date Origin Time Lat Long Depth mb Ms ML Source
2006/07/21 23:43: 4.4 31.298N 99.301E 33.0N 4.6 SZGRF
Sichuan, China

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 23:53:44.8	65.5	69.8	1.5	6	4.6		

Date Origin Time Lat Long Depth mb Ms ML Source
2006/07/22 01:10:25.2 27.638N 104.419E 33.0N 5.2 SZGRF
Yunnan, China

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	01:21:28.3	69.2	71.4	0.8	9	5.0		
CLL	e P	Z	01:21:30.6	69.6	70.9	1.0	13	5.0		
GEC2	e P	Z	01:21:33.6	70.0	70.5	0.9	13	5.0		
TANN	e P	Z	01:21:34.7	70.2	70.2					
BSEG	e P	Z	01:21:35.2	70.3	69.8	1.5	48	5.4		
WET	e P	Z	01:21:36.2	70.4	70.0	1.1	16	5.1		
MANZ	e P	Z	01:21:37.4	70.6	69.8					
ROTZ	e P	Z	01:21:37.7	70.6	69.8					
MOX	e P	Z	01:21:37.4	70.7	69.7	1.5	20	5.0		
CLZ	e P	Z	01:21:39.5	71.0	69.2	1.5	39	5.3		
GRA1	e P	Z	01:21:41.4	71.2	69.1	1.1	26	5.3		
UBBA	e P	Z	01:21:43.0	71.6	68.6					
FUR	e P	Z	01:21:44.6	71.7	68.7	0.9	55	5.7		
IBBN	e P	Z	01:21:47.3	72.3	67.5					
TNS	e P	Z	01:21:49.7	72.7	67.4	1.4	20	5.1		
STU	e P	Z	01:21:50.4	72.8	67.4					
BUG	e P	Z	01:21:51.0	72.9	66.9					
BFO	e P	Z	01:21:54.3	73.5	66.7	1.3	21	5.0		
WLF	e P	Z	01:21:59.6	74.3	65.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/22								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKP	Z	02:05:26.8							
BSEG	e PKP	Z	02:05:21.3							
CLL	e PKP	Z	02:05:26.3							
CLZ	e PKP	Z	02:05:26.4							
GRA1	e PKP	Z	02:05:31.0							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/22	13:12:49.1	20.018N	94.655E	33.0N	4.9			SZGRF
Myanmar								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z	13:23:50.8	68.8	83.9	0.6	8	5.1		
GEC2	e P	Z	13:23:53.6	69.2	83.0	1.1	11	5.0		
CLL	e P	Z	13:23:54.4	69.4	83.4	1.1	9	4.9		
WET	e P	Z	13:23:56.6	69.7	82.5	1.1	8	4.7		
TANN	e P	Z	13:23:57.4	69.8	82.7					
ROTZ	e P	Z	13:23:59.2	70.1	82.2					
MANZ	e P	Z	13:23:59.6	70.1	82.3					
MOX	e P	Z	13:24:00.4	70.3	82.1	1.1	8	4.8		

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

82

BSEG	e P	Z	13:24:02.2	70.7	82.3	0.9	11	5.0
GRA1	e P	Z	13:24:02.8	70.7	81.5	1.4	24	5.1
CLZ	e P	Z	13:24:03.9	70.9	81.6	1.4	17	5.0
STU	e P	Z	13:24:12.0	72.2	79.7			
TNS	e P	Z	13:24:13.1	72.4	79.6	1.0	10	4.9
IBBN	e P	Z	13:24:13.1	72.4	79.8			
BFO	e P	Z	13:24:14.9	72.8	79.0	0.9	4	4.5
BUG	e P	Z	13:24:15.9	72.9	79.2	1.1	12	4.9
WLF	e P	Z	13:24:22.7	73.9	77.8			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/22	18:08:15.0	45.449N	10.133E	10.0G			3.3	SZGRF

Northern Italy

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
FUR	e Sg	N 18:09:44.6	2.8	196.5					3.4
BFO	e Pn	Z 18:09:06.2	3.1	156.2					3.1
	e Sn	Z 18:09:41.3							
	e Sg	E 18:09:55.1							
WET	e Pn	Z 18:09:19.2	4.1	207.8					3.2
	e Sg	E 18:10:26.6							
GEC2	e Pn	Z 18:09:19.6	4.2	216.9					
	e Sn	N 18:10:06.7							
GRA1	e Sg	E 18:10:33.5	4.3	190.2					3.6
TNS	e Pn	Z 18:09:30.6	4.9	166.0					3.3
	e Sn	N 18:10:24.9							
	e Sg	N 18:10:50.7							
WLF	e Sg	E 18:10:53.8	5.0	146.0					3.4

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/22	19:47: 3.6	23.859S	15.575W	33.0N	4.0	4.7		SZGRF

Southern Mid-Atlantic Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e P	Z 19:58:45.7	75.3	202.5					
GEC2	e P	Z 19:58:56.7	77.3	207.3					
GRA1	e P	Z 19:58:55.3	77.3	205.0	17.5	22	4.0		
	e S	Z 20:08:09.1							
	e L	Z 20:27:56.8			21.4	402		4.7	
MOX	e P	Z 19:59:08.5	78.3	205.3					
BSEG	e P	Z 19:59:18.2	80.9	203.9					
	e PP	Z 20:02:09.8							

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

83

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/23	00:45:23.6	18.197N	122.357E	33.0N	4.6			SZGRF
Luzon, Philippine Islands								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 00:58:15.7	89.1	62.4	1.0	4	4.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/23	08:22:1.6	0.060S	124.640E	50.0N		5.6		SZGRF
Southern Molucca Sea								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e Pdiff	Z 08:36:01.6	103.4	72.8	1.3	6			
	e PP	Z 08:40:15.8							
	e PPP	Z 08:42:30.0							
	e PPPP	Z 08:44:07.7							
	e Sdiff	N 08:47:37.0							
	e PS	E 08:49:26.3							
	e PPS	E 08:50:21.6							
	e PKKPbc	Z 08:51:57.8							
	e PKKPdf	Z 08:52:02.3							
	e SS	N 08:54:50.0							
	e sSS	E 08:55:34.6							
	e SSS	E 08:58:50.2							
	e L	Z 09:29:10.5			22.0	2392		5.7	
GEC2	e Pdiff	Z 08:35:56.2	103.6	74.0					
	e PP	Z 08:40:13.6							
TANN	e Pdiff	Z 08:35:59.0	104.0	72.6					
	e PP	Z 08:40:17.5							
BSEG	e Pdiff	Z 08:35:59.0	104.1	70.0					
	e PP	Z 08:40:17.4							
WET	e Pdiff	Z 08:35:59.1	104.1	73.2					
	e PP	Z 08:40:17.9							
MANZ	e Pdiff	Z 08:36:00.5	104.3	72.4					
	e PP	Z 08:40:20.1							
ROTZ	e Pdiff	Z 08:36:00.4	104.3	72.5					
	e PP	Z 08:40:20.0							
MOX	e Pdiff	Z 08:36:00.8	104.4	71.8					
	e PP	Z 08:40:20.8							
CLZ	e Pdiff	Z 08:36:02.3	104.8	70.5					
	e PP	Z 08:40:23.2							
GRA1	e Pdiff	Z 08:36:03.1	104.9	71.8					
	e PP	Z 08:40:24.3							
	e PPP	Z 08:42:40.7							
	e SKSac	E 08:46:39.7							
	e PS	E 08:49:42.4							
	e SS	E 08:55:09.8							

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

84

	e L	Z	09:31:29.4			19.9	1745	5.6
UBBA	e Pdiff	Z	08:36:04.8	105.3	70.5			
	e PP	Z	08:40:27.3					
FUR	e Pdiff	Z	08:36:04.2	105.4	72.2			
	e PP	Z	08:40:26.4					
IBBN	e Pdiff	Z	08:36:08.5	106.1	68.2			
	e PP	Z	08:40:31.9					
TNS	e Pdiff	Z	08:36:10.3	106.5	69.3			
	e PP	Z	08:40:35.2					
STU	e Pdiff	Z	08:36:10.1	106.5	70.3			
	e PP	Z	08:40:34.7					
BUG	e Pdiff	Z	08:36:11.7	106.7	68.0			
	e PP	Z	08:40:36.4					
BFO	e Pdiff	Z	08:36:13.0	107.2	69.8			
	e PP	Z	08:40:39.7					
WLF	e Pdiff	Z	08:36:17.8	108.0	67.6			
	e PP	Z	08:40:46.7					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/23	08:28:48.9	27.770N	105.370E	33.0G	5.3			SZGRF
Southeastern China								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z 08:39:54.4	70.5	69.8	2.3	96	5.5		
BSEG	e P	Z 08:39:55.4	70.7	69.1	1.6	47	5.4		
TANN	e P	Z 08:39:56.2	70.7	69.4					
MANZ	e P	Z 08:39:57.8	71.1	69.1	2.2	67	5.4		
ROTZ	e P	Z 08:39:57.6	71.1	69.1					
MOX	e P	Z 08:39:58.5	71.1	68.9	1.5	13	4.8		
CLZ	e P	Z 08:39:59.5	71.4	68.4	1.6	37	5.3		
GRA1	e P	Z 08:40:02.3	71.7	68.4	2.8	220	5.8		
UBBA	e P	Z 08:40:03.8	72.0	67.9					
FUR	e P	Z 08:40:03.8	72.2	67.9					
IBBN	e P	Z 08:40:07.6	72.7	66.7					
BUG	e P	Z 08:40:10.1	73.3	66.1					
BFO	e P	Z 08:40:13.9	74.0	66.0	1.5	17	4.8		
WLF	e P	Z 08:40:19.2	74.7	64.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/23								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 12:35:12.7							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/23	12:43:50.3	28.550N	102.857E	33.0N	4.9			SZGRF

Sichuan, China

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 12:54:56.7	69.6	69.5	1.0	10	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/23	20:17: 3.3	34.390N	1.540E	33.0N	4.2	4.0		SZGRF

Northern Algeria

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
FUR	e P	Z 20:20:42.1	15.6	211.3	1.3	45	4.4		
TNS	e P	Z 20:20:54.4	16.6	200.3	0.9	14	4.1		
GRA1	e P	Z 20:20:58.9	16.9	208.6	2.0	111	4.6		
	e L	Z 20:28:20.8			10.5	517		4.0	
WET	e P	Z 20:20:59.3	17.0	213.8	1.7	35	4.2		
GEC2	e P	Z 20:21:01.1	17.0	216.4	0.7	18	4.3		
ROTZ	e P	Z 20:21:05.0	17.3	211.0	1.0	14	4.1		
MANZ	e P	Z 20:21:05.3	17.4	210.4	1.2	17	4.1		
UBBA	e P	Z 20:21:06.4	17.5	203.8	1.2	7	3.7		
BUG	e P	Z 20:21:05.6	17.5	195.9	1.1	16	4.0		
MOX	e P	Z 20:21:11.3	17.8	208.1	1.2	13	4.0		
TANN	e P	Z 20:21:11.6	17.9	210.6	1.4	13	3.9		
IBBN	e P	Z 20:21:16.8	18.5	196.4	1.0	25	4.3		
CLZ	e P	Z 20:21:19.2	18.6	203.4	0.9	9	4.0		
BSEG	e P	Z 20:21:40.9	20.5	201.1	0.8	24	4.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/23	20:50:51.0	18.830S	178.910W	598.4				SZGRF

Fiji Islands region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPdf	Z 21:09:18.1	144.2	15.0					
IBBN	e PKPdf	Z 21:09:23.0	146.1	11.4					
CLL	e PKPdf	Z 21:09:23.4	146.2	20.6					
	e PKPbc	Z 21:09:24.5			1.0	119			
	e	21:09:34.0							
	e pPKPdf	Z 21:11:39.5							
	e SKPbc	Z 21:12:10.3							
	e PP	Z 21:12:50.9							
CLZ	e PKPdf	Z 21:09:23.3	146.2	15.9					
BUG	e PKPdf	Z 21:09:24.6	147.0	10.8					
MOX	e PKPdf	Z 21:09:25.0	147.1	18.6					

	e	PKPbc	Z	21:09:27.1		
	e	PKPab	Z	21:09:29.5		
TANN	e	PKPdf	Z	21:09:24.9	147.1	20.1
	e	PKPbc	Z	21:09:27.5		
UBBA	e	PKPdf	Z	21:09:24.8	147.2	15.7
MANZ	e	PKPdf	Z	21:09:25.7	147.6	19.7
	e	PKPbc	Z	21:09:28.9		
ROTZ	e	PKPdf	Z	21:09:26.2	147.8	20.0
	e	PKPbc	Z	21:09:29.3		
TNS	e	PKPdf	Z	21:09:26.6	148.1	13.2
	e	PKPab	Z	21:09:33.7		
GRA1	e	PKPdf	Z	21:09:26.7	148.1	18.4
	e	PKPbc	Z	21:09:29.9		
	e	PKPab	Z	21:09:33.8		
	e	pPKPbc	Z	21:11:46.7		
WET	e	PKPdf	Z	21:09:26.7	148.2	21.5
	e	PKPbc	Z	21:09:30.0		
GEC2	e	PKPdf	Z	21:09:26.6	148.3	23.2
	e	PKPbc	Z	21:09:30.4		
WLF	e	PKPdf	Z	21:09:28.0	148.9	9.3
	e	PKPbc	Z	21:09:32.1		
STU	e	PKPdf	Z	21:09:28.4	149.4	15.2
	e	PKPbc	Z	21:09:32.9		
FUR	e	PKPdf	Z	21:09:28.3	149.5	19.3
	e	PKPbc	Z	21:09:33.4		
BFO	e	PKPdf	Z	21:09:28.7	149.9	13.8
	e	PKPbc	Z	21:09:34.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/24	16:14:16.2	44.453N	147.710E	33.0N	5.0			SZGRF
Kuril Islands, Russia								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	16:25:55.5	75.1	30.0	0.7	11	5.0		
CLL	e P	Z	16:26:02.6	76.5	31.4	0.8	31	5.5		
FBE	e P	Z	16:26:04.2	76.8	31.6					
CLZ	e P	Z	16:26:04.8	76.9	29.8	0.8	16	5.2		
IBBN	e P	Z	16:26:07.4	77.3	28.1					
GTTG	e P	Z	16:26:07.3	77.3	29.5	1.0	16	5.1		
MOX	e P	Z	16:26:08.8	77.6	30.5	0.7	7	4.9		
MANZ	e P	Z	16:26:11.2	78.0	30.7					
ROTZ	e P	Z	16:26:12.4	78.1	30.7					
BUG	e P	Z	16:26:12.4	78.2	27.7	0.8	17	5.1		
GEC2	e P	Z	16:26:13.4	78.4	31.6	0.8	5	4.6		
WET	e P	Z	16:26:14.0	78.4	31.1	1.0	10	4.8		
GRA1	e P	Z	16:26:14.6	78.5	30.1	1.0	20	5.1		
TNS	e P	Z	16:26:16.5	78.9	28.3	1.2	12	4.8		

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

87

STU	e P	Z	16:26:22.0	80.0	28.7							
BFO	e P	Z	16:26:25.2	80.6	28.1	0.8		6	4.7			

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source				
2006/07/25												

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML			
GRA1	e PKP	Z 00:16:23.9										

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source				
2006/07/25	01:39:13.0	13.416N	87.801W	33.0N	4.5			SZGRF				
Honduras												

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML			
GRA1	e P	Z 01:51:48.0	85.5	285.5	1.2	5	4.5					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source				
2006/07/25												

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML			
GRA1	e PKP	Z 10:26:24.1										

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source				
2006/07/25	12:39:24.9	9.200S	108.600E	33.0N		4.6		GSRC				
South of Jawa, Indonesia												

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML			
GRA1	e Pdiff	Z 12:53:17.4	101.8	90.4								
	e PP	Z 12:57:26.3										
	e L	Z 13:46:21.8			20.2	207		4.6				

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source				
2006/07/25	17:45:18.9	3.500N	95.800E	33.0N	4.7			GSRC				
Off west coast of northern Sumatera, Indonesia												

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML			
GRA1	e P	Z 17:57:53.1	83.8	91.9	1.6	9	4.7					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/25	19:23:10.2	23.665N	65.154W	33.0N	4.9			SZGRF

North Atlantic Ocean

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 19:33:37.7	63.5	276.1	0.9	7	4.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/25	20:32:33.1	11.700S	166.500E	33.0N				GSRC

Santa Cruz Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 20:51:56.2	136.9	36.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/26	03:05:49.0	18.900S	173.600W	33.0N				GSRC

Tonga Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 03:25:21.5	144.8	6.4					
IBBN	e PKPbc	Z 03:25:27.9	146.6	2.3					
CLZ	e PKPbc	Z 03:25:29.0	146.9	6.9					
CLL	e PKPbc	Z 03:25:29.7	147.2	11.6					
	e	03:25:36.2							
	e PP	Z 03:29:09.1							
	e L	Z 04:34:30.7			20.0	226		5.0	
BRG	e PKPbc	Z 03:25:30.1	147.5	13.4					
FBE	e PKPbc	Z 03:25:30.6	147.5	12.3					
UBBA	e PKPbc	Z 03:25:30.3	148.0	6.4					
WERD	e PKPbc	Z 03:25:31.5	148.1	10.6					
TANN	e PKPbc	Z 03:25:30.9	148.1	10.9					
GUNZ	e PKPbc	Z 03:25:31.1	148.2	10.7					
MANZ	e PKPbc	Z 03:25:33.7	148.6	10.4					
TNS	e PKPbc	Z 03:25:33.1	148.6	3.7					
ROTZ	e PKPbc	Z 03:25:35.0	148.8	10.6					
GRA1	e PKPbc	Z 03:25:34.9	149.0	8.9					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/26	03:26:21.3	18.800S	173.500W	33.0N				NEIC

Tonga Islands

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

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

89

GRA1 e PKP Z 03:46:07.7 148.9 8.7

Date Origin Time Lat Long Depth mb Ms ML Source
2006/07/26 16:30:44.2 19.900S 176.500W 50.0N
Fiji Islands region

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
GRA1 e PKP Z 16:50:24.6 149.6 14.4

Date Origin Time Lat Long Depth mb Ms ML Source
2006/07/26

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
GRA1 e PKP Z 17:24:43.7

Date Origin Time Lat Long Depth mb Ms ML Source
2006/07/26 20:55:35.3 37.100N 140.840E 33.0N 4.7
Eastern Honshu, Japan

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
BRG e P Z 21:07:45.9 80.5 40.3 1.0 5 4.5
CLL e P Z 21:07:45.8 80.5 39.7 0.9 7 4.7
FBE e P Z 21:07:47.0 80.7 39.9 0.8 7 4.7
CLZ e P Z 21:07:49.4 81.1 37.9 1.2 8 4.7
GTTG e P Z 21:07:51.5 81.5 37.6 1.3 10 4.8
GUNZ e P Z 21:07:51.1 81.5 39.1 1.1 5 4.6
MANZ e P Z 21:07:53.4 81.9 38.9 0.9 2 4.4
ROTZ e P Z 21:07:54.2 82.0 39.0 1.4 8 4.7
GEC2 e P Z 21:07:54.3 82.1 39.9 1.0 4 4.4
WET e P Z 21:07:55.2 82.2 39.4 1.0 3 4.5
GRA1 e P Z 21:07:56.8 82.5 38.3 1.1 12 5.0
FUR e P Z 21:08:02.7 83.7 38.2 0.8 11 5.1
BFO e P Z 21:08:07.7 84.7 36.2 0.9 6 4.8

Date Origin Time Lat Long Depth mb Ms ML Source
2006/07/27 01:01:42.2 10.227N 142.032E 26.0G
South of Mariana Islands

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
RGN e PP Z 01:19:47.5 102.3 51.8
RUE e PP Z 01:19:55.4 103.3 52.6

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

90

BSEG	e PP	Z	01:20:00.6	104.0	49.2
CLL	e PP	Z	01:20:03.6	104.4	52.1
NRDL	e PP	Z	01:20:08.3	105.0	49.3
TANN	e PP	Z	01:20:09.7	105.2	51.8
WERD	e PP	Z	01:20:10.1	105.3	51.7
CLZ	e Pdiff	Z	01:15:55.2	105.3	49.7
	e PP	Z	01:20:09.7		
MOX	e PP	Z	01:20:11.7	105.5	51.0
GEC2	e PP	Z	01:20:12.0	105.5	53.3
MANZ	e PP	Z	01:20:12.9	105.7	51.6
GTTG	e PP	Z	01:20:13.3	105.7	49.4
ROTZ	e PP	Z	01:20:13.6	105.8	51.7
WET	e PP	Z	01:20:13.9	105.8	52.5
UBBA	e PP	Z	01:20:15.6	106.2	49.6
GRA1	e Pdiff	Z	01:15:58.2	106.3	50.9
BUG	e PP	Z	01:20:22.1	107.0	47.0
BFO	e PP	Z	01:20:36.6	108.6	48.7
WLF	e PP	Z	01:20:40.5	108.8	46.4

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/27	01:32:36.4	18.720S	177.480W	33.0N				SZGRF
Fiji Islands region								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z	01:52:07.0	144.3	12.7					
CLL	e PKPbc	Z	01:52:13.6	146.4	18.1					
BRG	e PKPbc	Z	01:52:14.3	146.6	19.9					
FBE	e PKPbc	Z	01:52:14.8	146.7	18.9					
BUG	e PKPbc	Z	01:52:16.9	147.1	8.3					
MOX	e PKPbc	Z	01:52:16.4	147.3	16.1					
WERD	e PKPbc	Z	01:52:16.5	147.3	17.4					
TANN	e PKPbc	Z	01:52:16.5	147.3	17.6					
MANZ	e PKPbc	Z	01:52:18.1	147.8	17.2					
	e PKPab	Z	01:52:20.4							
ROTZ	e PKPbc	Z	01:52:18.7	148.0	17.5					
TNS	e PKPbc	Z	01:52:18.8	148.1	10.7					
GRA1	e PKPbc	Z	01:52:19.4	148.3	15.8					
	e PKPab	Z	01:52:21.9							
WET	e PKPbc	Z	01:52:19.4	148.5	19.0					
	e PKPab	Z	01:52:23.4							
GEC2	e PKPbc	Z	01:52:19.6	148.6	20.6					
WLF	e PKPbc	Z	01:52:21.4	148.9	6.7					
STU	e PKPbc	Z	01:52:22.3	149.5	12.5					
FUR	e PKPbc	Z	01:52:23.0	149.7	16.6					
	e PKPab	Z	01:52:28.8							
BFO	e PKPbc	Z	01:52:23.6	150.0	11.1					
	e PKPab	Z	01:52:29.8							

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/27 11:16:44.1 1.680N 96.420E 26.0 5.7 5.9
 Off west coast of northern Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	11:29:11.6	83.9	94.4	1.5	101	5.8		
BRG	e P	Z	11:29:11.4	84.0	94.8	1.2	48	5.6		
FBE	e P	Z	11:29:13.4	84.3	94.3	2.1	182	5.9		
WET	e P	Z	11:29:14.3	84.5	93.8	1.0	39	5.6		
CLL	e P	Z	11:29:14.3	84.6	94.1	1.0	29	5.5		
	e pP	Z	11:29:24.4							
	e sP	Z	11:29:27.5							
	e (PP)	Z	11:32:21.5							
	e S	N	11:39:39.5							
	e PS	E	11:40:33.8							
	e SS	N	11:45:32.5							
	e SSS	N	11:48:44.5							
	e SSSS	N	11:51:43.5							
	e L	Z	12:14:23.7			22.0	3660		5.7	
RGN	e P	Z	11:29:14.8	84.6	94.7	2.0	278	6.2		
TANN	e P	Z	11:29:15.9	84.9	93.6	2.0	83	5.5		
WERD	e P	Z	11:29:16.3	85.0	93.5	1.3	31	5.3		
ROTZ	e P	Z	11:29:17.0	85.0	93.3	2.2	126	5.7		
MANZ	e P	Z	11:29:17.5	85.1	93.3	1.9	135	5.8		
MOX	e P	Z	11:29:18.7	85.4	93.0	1.7	92	5.6		
FUR	e P	Z	11:29:18.8	85.5	92.5	1.3	65	5.6		
GRA1	e P	Z	11:29:20.1	85.6	92.6	1.6	93	5.7		
	e pP	Z	11:29:27.6							
	e		11:29:33.1							
	e PP	Z	11:32:44.5							
	e S	T	11:39:49.5							
	e SS	T	11:45:43.2							
	e L	Z	12:15:14.2			20.4	4909		5.9	
CLZ	e P	Z	11:29:22.9	86.2	92.1	1.4	84	5.7		
BSEG	e P	Z	11:29:23.4	86.3	92.2	1.1	82	5.8		
UBBA	e P	Z	11:29:23.8	86.4	91.7	2.2	137	5.7		
GTTG	e P	Z	11:29:23.9	86.5	91.7	1.3	47	5.5		
STU	e P	Z	11:29:26.0	86.9	91.0	0.9	28	5.6		
TNS	e P	Z	11:29:28.8	87.4	90.5	1.3	55	5.7		
BFO	e P	Z	11:29:28.5	87.5	90.3	1.1	30	5.5		
BUG	e P	Z	11:29:32.1	88.2	89.6	1.7	122	5.9		
WLF	e P	Z	11:29:36.2	88.9	88.7	1.5	124	5.9		

Date Origin Time Lat Long Depth mb Ms ML Source

2006/07/27 12:25: 3.2
Tonga Islands

16.900S 173.570W 49.7

SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e PKPbc	Z	12:44:33.5	144.9	6.6					
CLL	e PKPbc	Z	12:44:33.6	145.2	11.1					
	e PP	Z	12:47:54.7							
GTTG	e PKPbc	Z	12:44:34.3	145.2	5.9					
BUG	e PKPbc	Z	12:44:34.8	145.5	1.4					
BRG	e PKPbc	Z	12:44:35.2	145.5	12.8					
FBE	e PKPbc	Z	12:44:35.4	145.5	11.8					
UBBA	e PKPbc	Z	12:44:36.2	146.0	6.1					
MOX	e PKPbc	Z	12:44:36.5	146.0	8.9					
WERD	e PKPbc	Z	12:44:36.9	146.1	10.1					
	e pPKPbc	Z	12:44:52.0							
TANN	e PKPbc	Z	12:44:37.2	146.1	10.4					
	e pPKPbc	Z	12:44:52.1							
MANZ	e PKPbc	Z	12:44:39.0	146.6	9.9					
TNS	e PKPbc	Z	12:44:38.8	146.6	3.5					
ROTZ	e PKPbc	Z	12:44:39.3	146.8	10.1					
	e pPKPbc	Z	12:44:54.2							
GRA1	e PKPbc	Z	12:44:40.1	147.0	8.4					
	e pPKPbc	Z	12:44:54.7							
WLF	e PKPbc	Z	12:44:40.9	147.2	359.5					
GEC2	e PKPbc	Z	12:44:41.2	147.5	13.0					
BFO	e PKPbc	Z	12:44:43.8	148.5	3.5					

Date Origin Time Lat Long Depth mb Ms ML Source
2006/07/27 13:17:59.6 61.360N 149.980W 33.0N 5.2 ML SZGRF
Southern Alaska, United States

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	13:28:30.3	63.7	349.6	0.8	10	5.1		
CLZ	e P	Z	13:28:44.0	65.7	349.8	1.5	37	5.4		
BUG	e P	Z	13:28:43.7	65.7	348.3	0.8	20	5.4		
GTTG	e P	Z	13:28:45.1	66.0	349.6	1.1	22	5.3		
CLL	e P	Z	13:28:48.0	66.5	351.2	1.0	14	5.1		
UBBA	e P	Z	13:28:49.5	66.7	349.7	1.8	20	5.1		
FBE	e P	Z	13:28:51.3	66.9	351.4	1.0	15	5.2		
MOX	e P	Z	13:28:51.6	67.0	350.5	1.0	22	5.3		
BRG	e P	Z	13:28:51.8	67.0	351.7	1.5	26	5.2		
TNS	e P	Z	13:28:51.9	67.1	349.0	0.8	8	5.0		
WERD	e P	Z	13:28:53.3	67.3	350.9	1.3	12	5.0		
WLF	e P	Z	13:28:54.0	67.3	347.9	1.1	17	5.2		
TANN	e P	Z	13:28:53.8	67.3	351.0	1.2	14	5.1		
MANZ	e P	Z	13:28:56.4	67.7	350.8	1.0	8	4.9		
GRA1	e P	Z	13:28:58.0	67.9	350.4	1.0	14	5.2		

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

93

ROTZ	e P	Z	13:28:57.9	68.0	350.9	1.0	15	5.2
STU	e P	Z	13:29:02.0	68.6	349.5	0.6	11	5.3
WET	e P	Z	13:29:02.6	68.6	351.3	1.4	21	5.2
BFO	e P	Z	13:29:03.2	68.9	349.1	1.0	9	5.0
GEC2	e P	Z	13:29:04.3	69.0	351.7	1.0	8	4.9
FUR	e P	Z	13:29:07.2	69.4	350.5	0.7	32	5.6

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/27	17:36:23.0	0.960N	25.991W	33.0N	4.5			SZGRF
Central Mid-Atlantic Ridge								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 17:46:13.7	58.1	225.4	0.9	5	4.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/27	18:12:47.6	19.067N	121.224E	33.0N	4.9	4.6		SZGRF
Philippine Islands region								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 18:25:33.3	87.7	62.7	1.6	10	4.9		
	e L	Z 19:10:17.6			18.1	219		4.6	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/27	22:55:57.7	9.700S	107.300E	31.0N				NEIC
South of Jawa, Indonesia								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PP	Z 23:13:54.9	101.3	91.7					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/27	23:19:12.9	9.600S	107.400E	34.0N				NEIC
South of Jawa, Indonesia								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PP	Z 23:37:08.6	101.3	91.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/28	01:20: 2.6	19.872S	170.714E	33.0N				SZGRF
Vanuatu Islands								

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKPbc	Z	01:39:39.5	146.0	36.1					
TNS	e PKPbc	Z	01:39:40.5	146.5	31.3					
FUR	e PKPbc	Z	01:39:42.8	147.2	37.6					
STU	e PKPbc	Z	01:39:43.8	147.5	33.7					
WLF	e PKPbc	Z	01:39:45.0	147.8	28.0					
BFO	e PKPbc	Z	01:39:45.5	148.2	32.7					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/28	01:42:5.4	4.400S	143.400E	84.0N				NEIC

New Guinea, Papua New Guinea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z	02:00:46.5	119.4	58.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/28	02:58:35.1	19.720S	170.270W	35.0N				SZGRF

Tonga Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLZ	e PKPbc	Z	03:18:16.5	147.9	1.1					
CLL	e PKPbc	Z	03:18:17.1	148.3	5.9					
FBE	e PKPbc	Z	03:18:18.6	148.7	6.6					
BRG	e PKPbc	Z	03:18:18.1	148.7	7.6					
MOX	e PKPbc	Z	03:18:19.8	149.0	3.5					
WERD	e PKPbc	Z	03:18:20.1	149.2	4.7					
TANN	e PKPbc	Z	03:18:20.0	149.2	5.0					
TNS	e PKPbc	Z	03:18:20.2	149.5	357.6					
MANZ	e PKPbc	Z	03:18:20.9	149.7	4.4					
ROTZ	e PKPbc	Z	03:18:21.7	149.9	4.7					
GRA1	e PKPbc	Z	03:18:21.8	150.0	2.8					
WET	e PKPbc	Z	03:18:23.2	150.5	6.0					
GEC2	e PKPbc	Z	03:18:23.6	150.7	7.7					
BFO	e PKPbc	Z	03:18:25.3	151.4	357.2					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/28	04:11:44.9	58.678N	27.563W	33.0N	4.0			SZGRF

North Atlantic Ocean

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z	04:16:57.3	24.0	306.8	0.5	3	4.0		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/28	07:40:10.1	23.980N	122.620E	33.0N	5.9	6.1		SZGRF

Taiwan region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RUE	e P	Z	07:52:27.2	81.8	60.9	0.9	53	5.7		
BRG	e P	Z	07:52:30.8	82.5	60.8	1.8	102	5.8		
CLL	i P	+ Z	07:52:31.9	82.8	60.2	1.5	77	5.7		
	e PP	Z	07:55:43.4							
	e pPP	Z	07:55:58.0							
	e PPP	Z	07:57:35.1							
	e S	N	08:02:43.2							
	e ScS	N	08:03:00.4							
	e PS	E	08:03:43.1							
	e PPS	Z	08:04:01.0							
	e SS	E	08:08:29.7							
	e SSSS	N	08:14:09.5							
	e L	Z	08:33:59.3			20.0	11226		6.2	
FBE	e P	Z	07:52:32.4	82.8	60.4	1.5	106	5.8		
BSEG	e P	Z	07:52:33.4	82.9	58.4	1.5	63	5.6		
	e PP	Z	07:55:43.4							
TANN	e P	Z	07:52:36.3	83.5	59.7					
WERD	e P	Z	07:52:36.5	83.6	59.6	2.1	119	5.8		
GEC2	e P	Z	07:52:36.7	83.6	60.4	1.8	116	5.8		
WERN	e P	Z	07:52:36.9	83.6	59.6	1.8	81	5.7		
MOX	e P	Z	07:52:38.0	83.9	59.1	1.9	124	5.8		
	e PP	Z	07:55:52.7							
CLZ	e P	Z	07:52:38.6	83.9	58.3	2.1	260	6.1		
WET	e P	Z	07:52:38.6	83.9	59.9	2.0	215	6.0		
	e PP	Z	07:55:52.6							
MANZ	e P	Z	07:52:38.7	83.9	59.4	2.6	287	6.0		
ROTZ	e P	Z	07:52:39.1	84.0	59.4	2.0	253	6.1		
	e PP	Z	07:55:54.4							
GRA1	e P	Z	07:52:42.0	84.6	58.7	2.0	359	6.3		
	e PP	Z	07:55:58.2							
	e S	R	08:03:02.2							
	e SS	R	08:09:02.3							
	e L	Z	08:35:27.3			18.4	7259		6.1	
UBBA	e P	Z	07:52:41.8	84.7	57.9	2.0	214	6.0		
	e PP	Z	07:55:58.9							
FUR	e P	Z	07:52:45.8	85.4	58.6	1.7	448	6.3		
	e PP	Z	07:56:03.8							
BUG	e P	Z	07:52:47.2	85.8	55.9	1.1	122	5.9		
TNS	e P	Z	07:52:47.9	85.8	56.7	2.3	360	6.1		
	e PP	Z	07:56:08.1							
STU	e P	Z	07:52:49.5	86.2	57.2					
BFO	e P	Z	07:52:52.8	86.9	56.5	2.0	262	6.0		

	e PP	Z	07:56:16.0								
WLF	e P	Z	07:52:55.4	87.4	55.0	1.3		172	6.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/28	08:13:34.3	59.791N	29.127W	33.0N	4.8			SZGRF

Reykjanes Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 08:18:54.6	24.9	309.3	1.8	36	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/28	08:08:27.9	23.960S	177.880W	623.6				SZGRF

South of Fiji Islands

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e PKPbc	Z 08:27:07.4	149.4	14.8					
	e pPKPbc	Z 08:29:29.7							
CLL	e PKPbc	Z 08:27:12.2	151.4	21.1					
CLZ	e PKPbc	Z 08:27:12.6	151.4	15.9					
BRG	e PKPbc	Z 08:27:12.8	151.6	23.2					
FBE	e PKPbc	Z 08:27:13.2	151.7	22.0					
MOX	e PKPbc	Z 08:27:14.2	152.3	18.9					
TANN	e PKPbc	Z 08:27:14.8	152.4	20.7					
	e pPKPbc	Z 08:29:38.2							
WERD	e PKPbc	Z 08:27:14.6	152.4	20.4					
WERN	e PKPbc	Z 08:27:15.4	152.5	20.6					
MANZ	e PKPbc	Z 08:27:15.8	152.8	20.3					
	e pPKPbc	Z 08:29:36.7							
TNS	e PKPbc	Z 08:27:16.7	153.3	12.9					
GEC2	e PKPbc	Z 08:27:17.1	153.5	24.3					
	e pPKPbc	Z 08:29:38.7							
WLF	e pPKPbc	Z 08:29:41.6	154.1	8.5					
BFO	e pPKPbc	Z 08:29:41.4	155.1	13.6					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/28	09:15: 8.8	59.190N	30.069W	33.0N	4.8	4.6		SZGRF

Reykjanes Ridge

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 09:20:33.0	25.3	307.8	1.5	26	4.8		
	e pP	Z 09:20:43.6							
	e L	Z 09:29:46.7			21.3	1959		4.6	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/28								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e PKP	Z 11:14:31.7							
CLL	e PKP	Z 11:14:30.8							
FBE	e PKP	Z 11:14:32.2							
GEC2	e PKP	Z 11:14:37.1							
WERD	e PKP	Z 11:14:33.7							
WERN	e PKP	Z 11:14:33.3							
WET	e PKP	Z 11:14:37.9							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/28	12:56:54.7	59.456N	30.081W	33.0N	5.4	5.0		SZGRF
Reykjanes Ridge								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BUG	e P	Z 13:01:52.2	22.3	305.6	1.5	217	5.7		
BSEG	e P	Z 13:01:52.2	22.5	300.5	1.4	395	5.9		
WLF	e P	Z 13:01:55.8	22.8	309.2	1.7	306	5.6		
TNS	e P	Z 13:02:03.9	23.6	307.8	1.8	312	5.6		
CLZ	e P	Z 13:02:04.0	23.6	304.7	2.2	467	5.7		
UBBA	e P	Z 13:02:08.0	24.0	306.6	1.6	122	5.4		
BFO	e P	Z 13:02:13.4	24.8	311.1	1.4	52	5.2		
STU	e P	Z 13:02:15.0	24.9	310.2	1.0	64	5.4		
MOX	e P	Z 13:02:15.6	25.0	306.8	1.4	105	5.5		
RUE	e P	Z 13:02:16.7	25.0	303.6	1.3	122	5.6		
CLL	e P	Z 13:02:18.1	25.3	305.6	1.3	52	5.0		
	e PcP	Z 13:05:49.6			1.7	31			
	e S	E 13:06:49.8							
	e SSS	N 13:08:07.1							
	e LR	Z 13:09:10.4							
	e L	Z 13:11:54.3			20.0	4184		5.0	
GRA1	e P	Z 13:02:19.1	25.3	308.4	1.3	81	5.4		
	e L	Z 13:11:33.0			21.2	4673		5.0	
WERD	e P	Z 13:02:19.7	25.4	307.1	1.5	68	5.3		
TANN	e P	Z 13:02:20.7	25.5	307.1	2.2	183	5.5		
WERN	e P	Z 13:02:21.1	25.6	307.4	2.0	213	5.6		
MANZ	e P	Z 13:02:21.3	25.6	307.9	1.5	68	5.3		
FBE	e P	Z 13:02:22.1	25.7	306.3	1.7	151	5.5		
ROTZ	e P	Z 13:02:23.3	25.8	308.2	1.6	51	5.1		
BRG	e P	Z 13:02:24.6	26.0	306.4	2.1	144	5.4		
FUR	e P	Z 13:02:28.7	26.3	310.8					
WET	e P	Z 13:02:30.1	26.5	309.2	1.8	73	5.2		
GEC2	e P	Z 13:02:35.2	27.1	309.6	1.9	49	5.0		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/28

Sta Phase Time Dist BAz T[s] A[nm] mb MS ML
 GRA1 e P Z 18:53:24.1

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/29 00:11:51.2 37.530N 69.000E 35.4 4.8 5.0
 Afghanistan-Tajikistan border region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 00:19:29.2	40.6	87.2	1.6	26	4.7		
RUE	e P	Z 00:19:29.0	40.7	88.9	1.3	22	4.7		
GEC2	e P	Z 00:19:31.4	40.9	84.7	3.3	100	5.0		
FBE	e P	Z 00:19:32.3	41.0	86.8	1.4	22	4.7		
CLL	e P	Z 00:19:33.4	41.2	87.0	1.3	17	4.6		
WET	e P	Z 00:19:35.8	41.4	84.4	2.5	46	4.8		
TANN	e P	Z 00:19:37.3	41.6	85.6	1.4	17	4.6		
WERN	e P	Z 00:19:38.0	41.6	85.4	2.9	94	5.0		
WERD	e P	Z 00:19:37.9	41.7	85.5	1.8	25	4.6		
ROTZ	e P	Z 00:19:39.6	41.8	84.7	2.2	54	4.9		
MANZ	e P	Z 00:19:39.8	41.8	84.8	4.1	267	5.3		
MOX	e P	Z 00:19:41.4	42.1	85.2	2.1	50	4.9		
GRA1	e P	Z 00:19:45.1	42.4	83.9	1.5	44	5.0		
	e pP	Z 00:19:54.5							
	e S	E 00:26:20.1							
	e SS	E 00:29:38.9							
	e L	Z 00:42:18.8			19.5	1808		5.0	
FUR	e P	Z 00:19:45.2	42.6	82.3	2.4	170	5.3		
BSEG	e P	Z 00:19:46.5	42.7	87.9	1.8	44	4.9		
CLZ	e P	Z 00:19:47.1	42.8	85.6	1.8	37	4.8		
UBBA	e P	Z 00:19:49.3	43.1	84.3	1.7	21	4.6		
STU	e P	Z 00:19:55.7	43.9	81.6	0.9	12	4.6		
TNS	e P	Z 00:19:58.1	44.1	82.6	1.4	14	4.5		
BFO	e P	Z 00:20:00.2	44.5	80.6	1.0	7	4.6		
BUG	e P	Z 00:20:02.6	44.7	83.0	1.7	32	5.0		
WLF	e P	Z 00:20:10.7	45.7	80.5	1.1	14	4.9		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/29 01:51: 7.0 38.300N 46.200E 33.0N 4.2
 Iran-Armenia-Azerbaijan border region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	01:56:32.2	25.5	102.1	1.0	5	4.1		
BRG	e P	Z	01:56:36.7	25.9	106.5	1.6	11	4.2		
WET	e P	Z	01:56:37.3	26.1	101.9	1.1	6	4.2		
ROTZ	e P	Z	01:56:44.0	26.7	102.4	0.9	4	4.1		
WERN	e P	Z	01:56:45.1	26.7	103.6	1.2	6	4.2		
GRA1	e P	Z	01:56:49.2	27.3	101.2	1.4	14	4.5		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/29	02:03:32.7	14.320N	49.790E	33.0N	5.1	4.1		SZGRF

Eastern Arabian Peninsula

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	02:11:48.9	45.5	126.8	2.2	50	5.0		
WET	e P	Z	02:11:53.0	46.1	126.1	2.0	24	4.9		
FUR	e P	Z	02:11:56.1	46.4	123.5	1.7	67	5.4		
BRG	e P	Z	02:11:57.5	46.6	128.6	1.9	19	4.9		
ROTZ	e P	Z	02:11:59.0	46.8	125.8	1.5	13	4.9		
FBE	e P	Z	02:12:00.1	46.9	128.0	1.2	11	4.9		
MANZ	e P	Z	02:12:00.4	47.0	125.9	2.0	27	5.0		
WERN	e P	Z	02:12:01.2	47.0	126.4	1.8	39	5.2		
TANN	e P	Z	02:12:01.2	47.0	126.6	2.2	61	5.3		
WERD	e P	Z	02:12:02.0	47.1	126.4	1.5	23	5.1		
GRA1	e P	Z	02:12:02.3	47.3	124.7	1.8	36	5.2		
	e S	E	02:19:07.3							
	e L	Z	02:38:38.2			18.5	212		4.1	
GRFO	e P	Z	02:12:02.3	47.3	124.7					
CLL	e P	Z	02:12:03.2	47.3	127.9	2.2	66	5.4		
MOX	e P	Z	02:12:05.6	47.6	125.8	2.8	131	5.6		
RUE	e P	Z	02:12:05.7	47.7	129.6					
STU	e P	Z	02:12:07.1	47.9	121.8	1.6	21	5.0		
BFO	e P	Z	02:12:09.9	48.1	120.5	1.5	35	5.3		
UBBA	e P	Z	02:12:12.2	48.5	124.2	2.1	27	4.9		
CLZ	e P	Z	02:12:15.9	48.9	125.3	2.4	83	5.3		
TNS	e P	Z	02:12:16.3	49.0	122.1	2.5	47	5.1		
WLF	e P	Z	02:12:24.4	50.0	119.2	1.4	30	5.0		
BSEG	e P	Z	02:12:25.0	50.2	126.7	1.3	7	4.4		
BUG	e P	Z	02:12:27.0	50.3	121.7					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/29	02:03:33.5	21.880S	178.690W	600.0				SZGRF

Fiji Islands region

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e PKPbc	Z	02:22:05.6	146.1	20.3					

BSEG	e PKPdf	Z	02:22:04.1	147.2	15.6
	e PKPbc	Z	02:22:08.8		
	e PKPab	Z	02:22:13.0		
HLG	e PKPbc	Z	02:22:09.5	147.3	11.3
	e PKPab	Z	02:22:13.9		
RUE	e PKPdf	Z	02:22:06.0	147.9	22.2
	e PKPbc	Z	02:22:10.6		
	e PKPab	Z	02:22:15.6		
CLL	e PKPdf	Z	02:22:07.8	149.2	21.5
	e PKPbc	Z	02:22:13.6		
	e PKPab	Z	02:22:20.7		
	e pPKPbc	Z	02:24:35.5		
CLZ	e PKPdf	Z	02:22:08.6	149.2	16.6
	e PKPbc	Z	02:22:14.2		
	e PKPab	Z	02:22:21.4		
	e pPKPbc	Z	02:24:34.9		
BRG	e PKPdf	Z	02:22:08.1	149.4	23.5
	e PKPbc	Z	02:22:14.1		
	e PKPab	Z	02:22:22.0		
	e pPKPbc	Z	02:24:35.0		
FBE	e PKPdf	Z	02:22:08.6	149.5	22.4
	e PKPbc	Z	02:22:14.8		
	e PKPab	Z	02:22:22.4		
	e pPKPbc	Z	02:24:34.9		
BUG	e PKPdf	Z	02:22:09.1	150.1	11.1
	e PKPbc	Z	02:22:15.7		
	e PKPab	Z	02:22:24.5		
MOX	e PKPdf	Z	02:22:09.4	150.1	19.5
	e PKPbc	Z	02:22:15.9		
	e PKPab	Z	02:22:24.8		
TANN	e PKPdf	Z	02:22:09.2	150.2	21.1
	e PKPbc	Z	02:22:16.0		
	e PKPab	Z	02:22:25.0		
WERD	e PKPdf	Z	02:22:09.6	150.2	20.8
	e PKPbc	Z	02:22:16.2		
	e PKPab	Z	02:22:24.9		
UBBA	e PKPdf	Z	02:22:09.1	150.3	16.4
	e PKPbc	Z	02:22:15.9		
	e PKPab	Z	02:22:25.0		
	e pPKPbc	Z	02:24:38.5		
WERN	e PKPdf	Z	02:22:09.9	150.3	21.1
	e PKPbc	Z	02:22:16.5		
	e PKPab	Z	02:22:25.9		
	e pPKPbc	Z	02:24:38.4		
MANZ	e PKPdf	Z	02:22:09.9	150.6	20.8
	e PKPbc	Z	02:22:17.4		
	e PKPab	Z	02:22:27.4		
	e pPKPbc	Z	02:24:39.4		
ROTZ	e PKPdf	Z	02:22:10.2	150.8	21.1

	e PKPab	Z	02:22:28.3		
	e pPKPbc	Z	02:24:39.7		
GRA1	e PKPdf	Z	02:22:10.9	151.1	19.3
	e PKPbc	Z	02:22:18.2		
	e PKPab	Z	02:22:29.5		
TNS	e PKPdf	Z	02:22:10.9	151.1	13.8
	e PKPbc	Z	02:22:18.4		
	e PKPab	Z	02:22:28.9		
	e pPKPbc	Z	02:24:40.5		
WET	e PKPdf	Z	02:22:10.6	151.2	22.7
	e PKPbc	Z	02:22:18.4		
	e PKPab	Z	02:22:30.1		
	e pPKPbc	Z	02:24:41.0		
GEC2	e PKPdf	Z	02:22:10.8	151.3	24.5
	e PKPbc	Z	02:22:18.4		
	e PKPab	Z	02:22:29.7		
	e pPKPbc	Z	02:24:41.3		
WLF	e PKPdf	Z	02:22:12.5	152.0	9.6
	e PKPbc	Z	02:22:20.5		
	e PKPab	Z	02:22:33.1		
	e pPKPbc	Z	02:24:43.5		
STU	e PKPdf	Z	02:22:12.9	152.4	15.9
	e PKPbc	Z	02:22:21.0		
	e PKPab	Z	02:22:34.5		
FUR	e PKPdf	Z	02:22:13.1	152.5	20.4
	e PKPbc	Z	02:22:21.2		
	e PKPab	Z	02:22:35.3		
BFO	e PKPdf	Z	02:22:13.2	153.0	14.4
	e PKPbc	Z	02:22:22.0		
	e PKPab	Z	02:22:36.9		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/29	10:57: 5.0	36.420N	70.710E	33.0N	5.4	5.0		SZGRF

Hindu Kush, Afghanistan, region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 11:04:57.3	42.4	87.2	1.0	43	5.1		
	e PP	Z 11:06:33.9							
RUE	e P	Z 11:04:57.2	42.4	88.9	1.6	120	5.4		
GEC2	e P	Z 11:04:59.6	42.7	84.9	2.1	101	5.2		
	e PP	Z 11:06:38.9							
RGN	e P	Z 11:05:00.0	42.7	90.8	1.1	148	5.6		
FBE	e P	Z 11:05:00.4	42.7	86.8	1.2	66	5.2		
CLL	e P	Z 11:05:01.7	42.9	87.0	1.8	89	5.2		
	e PP	Z 11:06:43.0							
	e PcP	Z 11:07:01.7							
	e S	N 11:11:14.8							

	e SS	E	11:14:27.4								
	e LR	Z	11:16:56.5								
	e L	Z	11:22:31.2			22.0	2875		5.1		
WET	e P	Z	11:05:03.8	43.2	84.6	2.6	162	5.3			
TANN	e P	Z	11:05:05.3	43.3	85.7	1.8	80	5.1			
	e PP	Z	11:06:46.9								
WERN	e P	Z	11:05:06.1	43.4	85.5	2.5	161	5.3			
	e PP	Z	11:06:48.4								
WERD	e P	Z	11:05:06.0	43.4	85.6	1.6	59	5.1			
	e PP	Z	11:06:50.4								
ROTZ	e P	Z	11:05:07.7	43.5	84.8	2.1	211	5.5			
MANZ	e P	Z	11:05:08.0	43.6	85.0	1.7	80	5.2			
MOX	e P	Z	11:05:09.5	43.9	85.3	2.2	168	5.4			
GRA1	e P	Z	11:05:13.1	44.2	84.0	1.9	247	5.6			
	e		11:05:35.4								
	e PP	Z	11:06:56.6								
	e S	R	11:11:40.2								
	e L	Z	11:24:22.6			20.3	2051		5.0		
FUR	e P	Z	11:05:13.4	44.3	82.5	1.7	173	5.5			
BSEG	e P	Z	11:05:14.7	44.4	87.7						
CLZ	e P	Z	11:05:15.2	44.5	85.6	1.9	144	5.6			
	e PP	Z	11:06:59.8								
UBBA	e P	Z	11:05:17.4	44.9	84.3	1.8	72	5.3			
STU	e P	Z	11:05:23.9	45.6	81.7	2.2	236	5.8			
HLG	e P	Z	11:05:26.0	45.9	86.0	1.5	251	6.0			
TNS	e P	Z	11:05:26.4	45.9	82.6						
	e PP	Z	11:07:12.7								
BFO	e P	Z	11:05:28.4	46.3	80.8	1.5	47	5.3			
BUG	e P	Z	11:05:30.8	46.5	83.0	1.6	77	5.6			

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/29 17:44:12.7 80.159N 0.820W 33.0N 4.3
 North of Svalbard

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 17:50:25.3	30.7	356.0	1.3	5	4.3		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/29 19:05:10.1 54.225N 162.590E 33.0N 4.2
 Near east coast of Kamchatka Peninsula, Russia

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 19:16:39.0	73.3	17.0	1.2	3	4.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/29	19:53:50.1	23.517N	63.127W	33.0N	5.6	4.9		SZGRF

North Atlantic Ocean

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
WLF	e P	Z	20:03:47.5	59.1	270.7	0.8	68	5.7		
BUG	e P	Z	20:03:51.6	59.7	270.5	1.2	76	5.6		
HLG	e P	Z	20:03:57.3	60.1	269.4	1.0	162	6.0		
TNS	e P	Z	20:03:57.4	60.5	272.1	1.2	68	5.4		
BFO	e P	Z	20:03:56.6	60.5	273.1	1.1	40	5.1		
STU	e P	Z	20:04:00.9	61.1	273.5	0.8	59	5.5		
UBBA	e P	Z	20:04:03.3	61.5	273.0	2.5	182	5.9		
BSEG	e P	Z	20:04:03.7	61.6	271.5	1.2	52	5.7		
CLZ	e P	Z	20:04:05.0	61.7	272.7	0.9	64	5.8		
GRA1	e P	Z	20:04:09.6	62.3	274.5	1.0	54	5.7		
	e S	R	20:12:37.2							
	e SS	R	20:16:39.9							
	e L	Z	20:26:05.0			21.9	927		4.9	
FUR	e P	Z	20:04:10.6	62.5	275.3	1.4	82	5.7		
MOX	e P	Z	20:04:10.1	62.5	274.3	1.3	30	5.3		
MANZ	e P	Z	20:04:13.3	62.9	275.0	1.0	55	5.7		
ROTZ	e P	Z	20:04:13.7	63.0	275.2	1.2	44	5.5		
WERD	e P	Z	20:04:13.2	63.0	274.9	1.2	34	5.4		
WERN	e P	Z	20:04:14.0	63.0	275.0	1.1	21	5.2		
TANN	e P	Z	20:04:14.3	63.1	275.0	1.1	41	5.5		
CLL	e P	Z	20:04:15.9	63.3	275.0	0.9	53	5.6		
WET	e P	Z	20:04:17.1	63.5	276.0	1.1	57	5.7		
FBE	e P	Z	20:04:17.8	63.6	275.5	0.8	69	5.9		
RUE	e P	Z	20:04:18.3	63.7	275.0	0.9	65	5.9		
BRG	e P	Z	20:04:20.0	64.0	275.9	0.9	56	5.8		
GEC2	e P	Z	20:04:20.6	64.0	276.7	0.8	30	5.6		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/29	20:50:54.7	25.500S	179.286E	489.0G				NEIC

South of Fiji Islands

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
CLL	e PKPab	Z	21:10:05.2	152.1	27.3					
BRG	e PKPab	Z	21:10:05.9	152.3	29.4					
CLZ	e PKPab	Z	21:10:06.1	152.3	22.0					
FBE	e PKPab	Z	21:10:06.7	152.4	28.3					
WERD	e PKPab	Z	21:10:09.5	153.1	26.7					
WERN	e PKPab	Z	21:10:10.5	153.2	27.0					
WET	e PKPab	Z	21:10:14.0	154.1	29.0					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source			
2006/07/30											
	Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML	
	GRA1	e P	Z 00:47:07.9								
2006/07/30	01:20:56.7	26.170N	112.440W	33.0N	5.1	6.0		SZGRF			
Baja California, Mexico											
	Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML	
	BSEG	e P	Z 01:33:34.3	85.9	310.8	0.9	29	5.5			
	BUG	e P	Z 01:33:36.2	86.1	308.6	0.8	9	5.1			
		e PP	Z 01:36:55.9								
	WLF	e P	Z 01:33:39.6	86.7	307.9	1.0	23	5.4			
	CLZ	e P	Z 01:33:42.9	87.3	311.0	1.3	21	5.1			
	TNS	e P	Z 01:33:41.7	87.5	309.6	1.1	12	4.9			
		e PP	Z 01:37:06.3								
	UBBA	e P	Z 01:33:44.4	87.8	310.7	1.6	22	5.0			
	RUE	e P	Z 01:33:47.2	88.5	313.6						
	BFO	e P	Z 01:33:47.8	88.6	309.5	1.5	16	4.9			
	MOX	e P	Z 01:33:48.6	88.7	311.9	1.4	15	4.9			
	STU	e P	Z 01:33:48.1	88.8	310.2	1.0	9	4.8			
	CLL	i P	Z 01:33:48.4	88.9	313.0	0.9	5	4.7			
		e PP	Z 01:37:21.1								
		e PPP	Z 01:39:17.7								
		e SKSac	E 01:44:16.9								
		e S	E 01:44:34.2								
		e PS	E 01:45:34.1								
		e SS	E 01:50:21.6								
		e SSS	E 01:53:54.5								
		e SSSS	E 01:57:06.8								
		e L	Z 02:12:12.3			22.0	4720		5.9		
	GRA1	e P	Z 01:33:51.3	89.2	311.7	1.6	37	5.5			
		e S	T 01:44:39.1								
		e SS	T 01:50:22.5								
		e L	Z 02:12:18.8			19.8	6326		6.0		
	WERD	e P	Z 01:33:50.6	89.2	312.5	1.4	8	4.9			
		e PP	Z 01:37:23.4								
	TANN	e P	Z 01:33:51.2	89.3	312.6	1.9	18	5.1			
	WERN	e P	Z 01:33:51.7	89.3	312.5	1.8	31	5.3			
		e PP	Z 01:37:22.8								
	FBE	e P	Z 01:33:52.2	89.3	313.3	2.2	43	5.4			
	MANZ	e P	Z 01:33:51.9	89.4	312.3	1.7	14	5.0			
	ROTZ	e P	Z 01:33:53.0	89.6	312.4	1.9	19	5.1			
	BRG	e P	Z 01:33:52.9	89.6	313.7	1.5	14	5.1			

	e PP	Z	01:37:27.4						
FUR	e P	Z	01:33:56.8	90.2	311.7	1.4	32	5.4	
WET	e P	Z	01:33:56.4	90.3	312.9	1.6	13	4.9	
	e PP	Z	01:37:30.7						
GEC2	e P	Z	01:33:58.8	90.9	313.5	1.8	18	5.0	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/30	01:28:17.3	1.710N	96.360E	33.0N	5.0			SZGRF

Off west coast of northern Sumatera, Indonesia

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	01:40:44.1	83.9	94.4	1.4	26	5.3		
BRG	e P	Z	01:40:43.9	83.9	94.8	1.0	9	4.9		
RUE	e P	Z	01:40:45.0	84.1	94.9	0.8	15	5.3		
FBE	e P	Z	01:40:45.8	84.3	94.4	1.7	26	5.2		
WET	e P	Z	01:40:46.8	84.4	93.8	1.0	12	5.1		
CLL	e P	Z	01:40:46.5	84.5	94.1	1.2	7	4.8		
TANN	e P	Z	01:40:48.4	84.8	93.6	1.3	9	4.9		
WERN	e P	Z	01:40:48.8	84.8	93.5	0.9	7	4.9		
WERD	e P	Z	01:40:48.8	84.9	93.5	1.0	10	5.0		
ROTZ	e P	Z	01:40:49.5	84.9	93.4	0.9	10	5.1		
MANZ	e P	Z	01:40:50.0	85.0	93.3	1.0	13	5.1		
MOX	e P	Z	01:40:51.2	85.3	93.0	1.9	32	5.2		
FUR	e P	Z	01:40:51.3	85.4	92.5	0.9	11	5.1		
GRA1	e P	Z	01:40:52.5	85.6	92.6	1.0	18	5.1		
CLZ	e P	Z	01:40:55.3	86.2	92.1	0.9	10	4.9		
BSEG	e P	Z	01:40:56.0	86.3	92.2	1.4	24	5.1		
UBBA	e P	Z	01:40:56.3	86.4	91.7	1.2	6	4.6		
STU	e P	Z	01:40:58.5	86.8	91.0	0.8	6	4.8		
TNS	e P	Z	01:41:01.3	87.4	90.5	1.0	12	5.0		
BFO	e P	Z	01:41:00.9	87.4	90.3	0.9	6	4.8		
BUG	e P	Z	01:41:04.7	88.1	89.6	1.0	19	5.4		
WLF	e P	Z	01:41:08.6	88.8	88.7	1.3	18	5.2		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/30	01:54:44.6	24.966N	36.491E	33.0G	4.8			SZGRF

Red Sea

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e P	Z	02:00:50.0	29.8	135.0	1.0	22	4.9		
WET	e P	Z	02:00:54.3	30.4	134.1	0.9	10	4.6		
ROTZ	e P	Z	02:01:01.0	31.1	133.9	1.2	8	4.5		
BRG	e P	Z	02:01:01.4	31.2	137.8	0.9	21	5.1		
MANZ	e P	Z	02:01:03.0	31.3	134.0	0.8	8	4.7		
WERN	e P	Z	02:01:04.5	31.4	134.7	1.4	14	4.7		

FBE	e P	Z	02:01:03.9	31.4	136.9	1.5	26	4.9
TANN	e P	Z	02:01:04.6	31.5	135.0	2.2	61	5.2
GRA1	e P	Z	02:01:04.3	31.5	132.3			
WERD	e P	Z	02:01:05.4	31.6	134.8	1.3	29	5.0
CLL	e P	Z	02:01:07.6	31.9	136.8	1.2	23	5.0
STU	e P	Z	02:01:08.1	32.0	128.2			
MOX	e P	Z	02:01:09.2	32.0	134.0	1.1	28	5.1
BFO	e P	Z	02:01:10.8	32.2	126.5	1.1	11	4.7
RUE	e P	Z	02:01:12.4	32.4	139.2	1.3	30	5.1
TNS	e P	Z	02:01:19.9	33.2	129.0	1.1	11	4.7
CLZ	e P	Z	02:01:20.8	33.4	133.5	1.4	11	4.6
WLF	e P	Z	02:01:27.6	34.1	125.2	1.4	22	4.9
BSEG	e P	Z	02:01:33.5	34.9	135.7	1.0	12	4.7

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/30	04:04: 7.3	37.625N	21.108E	5.0G				KAN
Southern Greece								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e Pn	Z 04:07:36.6	14.0	145.8					

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/30								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GEC2	e Pn	Z 05:05:07.5							
	e Sg	N 05:05:30.3							
WERD	e Sg	N 05:06:28.7							
WET	e Sg	N 05:05:46.5							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/30	07:17: 6.0	71.530N	2.340E	33.0N	5.3	4.7		SZGRF
Norwegian Sea								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
RGN	e P	Z 07:21:11.1	17.6	348.5	1.8	727	5.5		
BSEG	e P	Z 07:21:14.2	17.9	351.8	2.3	316	5.0		
RUE	e P	Z 07:21:34.8	19.7	349.3	2.0	761	5.6		
CLZ	e P	Z 07:21:37.8	20.0	352.6	1.6	444	5.4		
BUG	e P	Z 07:21:39.5	20.2	355.5	1.2	219	5.3		
CLL	e P	Z 07:21:45.8	20.8	350.5	2.5	975	5.7		
UBBA	e P	Z 07:21:48.1	21.0	353.2	1.7	331	5.4		
FBE	e P	Z 07:21:50.4	21.2	350.4	1.4	222	5.3		

./2006/bul0607.txt

Thu Apr 23 08:38:25 2020

107

MOX	e P	Z	07:21:51.4	21.3	351.9	1.7	209	5.2		
BRG	e P	Z	07:21:51.0	21.3	349.9	2.2	506	5.5		
TNS	e P	Z	07:21:54.6	21.5	354.7	1.4	258	5.5		
WERD	e P	Z	07:21:54.2	21.6	351.4	1.2	120	5.2		
TANN	e P	Z	07:21:54.7	21.6	351.3	1.3	149	5.3		
WERN	e P	Z	07:21:56.4	21.7	351.4	1.2	263	5.5		
WLF	e P	Z	07:21:58.1	21.9	356.8	1.4	172	5.3		
MANZ	e P	Z	07:21:59.1	22.0	351.8	1.5	105	5.0		
GRA1	e P	Z	07:22:00.9	22.2	352.6	1.3	113	5.1		
	e S	T	07:26:10.8							
	e L	Z	07:30:38.5			21.4	3122			4.7
ROTZ	e P	Z	07:22:01.2	22.2	351.7	1.3	85	5.0		
WET	e P	Z	07:22:08.7	22.9	351.4	1.5	178	5.4		
STU	e P	Z	07:22:09.1	23.0	354.4	2.2	329	5.5		
GEC2	e P	Z	07:22:12.9	23.3	350.9	1.3	110	5.2		
BFO	e P	Z	07:22:12.6	23.4	355.2	2.1	267	5.4		
FUR	e P	Z	07:22:16.1	23.7	353.0	1.8	205	5.4		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/30 07:59:38.9 7.716S 29.299E 33.0N 4.6
 Lake Tanganyika region

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e P	Z 08:09:39.4	59.5	159.1	1.3	9	4.6		

Date Origin Time Lat Long Depth mb Ms ML Source
 2006/07/30 11:48:23.0 42.760N 73.520E 33.0N 4.6 4.2
 Kyrgyzstan

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BRG	e P	Z 11:55:58.9	40.4	77.5	1.0	10	4.5		
FBE	e P	Z 11:56:01.6	40.8	77.2	1.4	31	4.8		
CLL	e P	Z 11:56:02.7	40.9	77.4	1.2	18	4.7		
GEC2	e P	Z 11:56:03.7	41.1	75.1	1.1	15	4.6		
TANN	e P	Z 11:56:07.2	41.4	76.1	1.1	8	4.4		
WET	e P	Z 11:56:07.3	41.5	75.0	1.1	12	4.5		
WERD	e P	Z 11:56:07.9	41.5	76.1	1.2	11	4.4		
MANZ	e P	Z 11:56:10.2	41.8	75.4	1.1	6	4.3		
MOX	e P	Z 11:56:11.2	41.9	75.9	1.2	12	4.5		
CLZ	e P	Z 11:56:14.0	42.4	76.4	1.2	12	4.5		
GRA1	e P	Z 11:56:15.2	42.4	74.6	1.3	34	4.9		
	e L	Z 12:15:36.4			19.4	329			4.2
STU	e P	Z 11:56:27.1	43.9	72.5	1.1	15	4.6		
BUG	e P	Z 11:56:30.9	44.3	74.1	1.1	15	4.8		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/30	23:45:22.4	9.899N	104.216W	10.0G		4.6		NEIC

Northern East Pacific Rise

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e L	Z 00:46:07.3	98.2	296.0	19.9	194		4.6	

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/31	18:25:18.3	18.850N	103.960W	27.5	5.3	5.2		SZGRF

Near coast of Michoacan, Mexico

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BUG	e P	Z 18:38:05.9	87.8	298.0	0.7	11	5.3		
WLF	e P	Z 18:38:07.0	88.0	297.2	1.6	38	5.5		
BSEG	e P	Z 18:38:08.0	88.2	300.3	1.1	48	5.7		
TNS	e P	Z 18:38:12.0	89.0	298.9	1.1	29	5.4		
CLZ	e P	Z 18:38:13.3	89.2	300.4	1.1	38	5.5		
UBBA	e P	Z 18:38:14.5	89.6	300.1	1.7	44	5.4		
BFO	e P	Z 18:38:15.3	89.8	298.9	1.2	10	4.9		
STU	e P	Z 18:38:17.0	90.1	299.5	0.8	12	5.2		
MOX	e P	Z 18:38:18.9	90.5	301.4	1.5	21	5.3		
GRA1	e P	Z 18:38:20.6	90.8	301.1	1.7	88	5.8		
	e pP	Z 18:38:28.7							
	e L	Z 19:20:27.0			18.9	882		5.2	
CLL	e P	Z 18:38:20.4	90.9	302.5	1.1	13			
	e pP	Z 18:38:27.3							
	e sP	Z 18:38:33.0							
	e PP	Z 18:41:54.6							
	e SKKSac	E 18:49:02.6							
	e PS	E 18:50:33.9							
	e LR	Z 19:09:31.0							
	e L	Z 19:21:46.8			22.0	740		5.1	
WERD	e P	Z 18:38:20.9	91.0	301.9	2.1	44	5.4		
TANN	e P	Z 18:38:21.7	91.1	302.0	1.3	16	5.2		
WERN	e P	Z 18:38:22.2	91.1	302.0	1.5	32	5.4		
MANZ	e P	Z 18:38:22.1	91.1	301.8	1.6	23	5.2		
ROTZ	e P	Z 18:38:23.0	91.3	301.8	1.4	20	5.2		
FBE	e P	Z 18:38:22.6	91.3	302.7	1.0	13	5.2		
BRG	e P	Z 18:38:23.8	91.7	303.2	1.4	20	5.3		
WET	e P	Z 18:38:26.2	92.0	302.3	1.4	23	5.3		
GEC2	e P	Z 18:38:28.9	92.6	303.0	1.3	20	5.4		

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
------	-------------	-----	------	-------	----	----	----	--------

2006/07/31 18:36:21.0 52.610N 158.580E 33.0N 5.3
Near east coast of Kamchatka Peninsula, Russia

SZGRF

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BSEG	e P	Z	18:47:33.5	70.2	19.8	1.3	52	5.5		
RUE	e P	Z	18:47:37.4	70.9	21.7	1.4	108	5.8		
CLL	e P	Z	18:47:44.4	72.1	21.1	1.1	45	5.5		
CLZ	e P	Z	18:47:45.3	72.2	19.6	1.3	64	5.6		
BRG	e P	Z	18:47:45.5	72.3	21.6	1.4	34	5.3		
FBE	e P	Z	18:47:46.3	72.4	21.3	1.6	77	5.6		
MOX	e P	Z	18:47:50.0	73.1	20.2	1.4	39	5.3		
TANN	e P	Z	18:47:50.3	73.1	20.7	1.7	39	5.3		
WERD	e P	Z	18:47:50.2	73.1	20.6	1.4	37	5.3		
BUG	e P	Z	18:47:50.9	73.2	17.7	1.2	42	5.4		
WERN	e P	Z	18:47:51.1	73.2	20.7	1.1	24	5.1		
UBBA	e P	Z	18:47:51.0	73.2	19.3	1.7	40	5.2		
MANZ	e P	Z	18:47:53.5	73.6	20.5	1.4	27	5.1		
ROTZ	e P	Z	18:47:54.3	73.7	20.5	1.3	34	5.2		
GRA1	e P	Z	18:47:56.5	74.0	19.9	1.2	49	5.4		
TNS	e P	Z	18:47:56.2	74.1	18.3	1.1	30	5.2		
WET	e P	Z	18:47:56.8	74.2	20.8	1.3	46	5.3		
GEC2	e P	Z	18:47:57.0	74.3	21.3	1.3	28	5.1		
WLF	e P	Z	18:48:02.3	75.1	16.9	1.6	30	5.1		
STU	e P	Z	18:48:03.6	75.3	18.6	1.1	31	5.3		
FUR	e P	Z	18:48:04.7	75.5	19.8	1.0	34	5.4		
BFO	e P	Z	18:48:06.6	75.9	18.1	1.3	23	5.2		

Date Origin Time Lat Long Depth mb Ms ML Source
2006/07/31 18:55:19.5 17.717S 167.572E 33.0
Vanuatu Islands GSRC

Sta	Phase		Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKPbc	Z	19:14:46.7	142.8	39.2					
TNS	e PKPbc	Z	19:14:48.7	143.4	34.7					
FUR	e PKPbc	Z	19:14:50.5	144.0	40.6					
STU	e PKPbc	Z	19:14:52.1	144.3	37.0					
	e pPKPbc	Z	19:15:12.1							
WLF	e PKPbc	Z	19:14:52.9	144.7	31.7					
	e pPKPbc	Z	19:15:13.5							
BFO	e PKPbc	Z	19:14:53.6	145.0	36.1					
	e pPKPbc	Z	19:15:14.1							

Date Origin Time Lat Long Depth mb Ms ML Source
2006/07/31

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
BFO	e PKPbc	Z 19:18:50.7							
WLF	e PKPbc	Z 19:18:50.5							

Date	Origin Time	Lat	Long	Depth	mb	Ms	ML	Source
2006/07/31								

Sta	Phase	Time	Dist	BAz	T[s]	A[nm]	mb	MS	ML
GRA1	e PKP	Z 21:03:26.3							

Format description

=====

(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
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