

Sta.	Δ	Az	Phase	UTC	Resid	T	A	Sta.	Δ	Az	Phase	UTC	Resid	T	A
code	(deg.)	(deg.)		h min s	(s)	(s)	(μ m)	code	(deg.)	(deg.)		h min s	(s)	(s)	(μ m)
FEB 1d 10h 22m 40.0 \pm 0.08s, SD1.21 / 103 31.66 N \pm 1.29km, 140.29 E \pm 1.48km, h119 \pm 0.48km South of Honshu m_b 5.4 / 13, m_s 5.2 / 8,															
MDJ	15.4	330	eP	10 26 12.2	-0.1			GZH	25.4	257	LZ	10 27 59.0	1.2		16.0 1.70
			pP	10 26 23.0	-0.3			BTO	25.9	299	eP	10 28 03.0	-0.3		
			S	10 28 53.0	-6.5						pP	10 28 29.5	1.3		
			LE			10.0	0.81				PP	10 28 48.0	-1.2		
			LZ			20.0	1.77				S	10 32 22.5	0.6		
SSE	16.3	273	-P	10 26 25.0	1.3						sS	10 33 10.0	3.2		
			PMZ	$m_b = 5.5$		6.0	1.39	XAN	26.4	284	+P	10 28 06.2	-1.5		
			pP	10 26 35.0	-0.1						pP	10 28 32.0	-0.7		
			sP	10 26 59.0	1.5						LN		12.0	0.58	
			LN			10.0	0.90				LE		11.0	0.79	
			LZ			16.0	0.50	GYA	29.8	269	P	10 28 36.2	-1.8		
SNY	16.8	312	eP	10 26 30.3	1.0						pP	10 29 02.2	-1.2		
			PP	10 26 44.0	-3.6						PP	10 29 35.2	-3.8		
			sP	10 27 05.0	1.7						PcP	10 31 40.6	2.4		
			S	10 29 36.0	5.7						S	10 33 22.0	-1.6		
			LN			11.0	0.73				LN		16.0	0.76	
			LZ			20.0	1.52	LZH	30.5	288	eP	10 28 47.0	2.8		
CN2	16.8	320	-P	10 26 29.0	-1.1						PMZ	$m_b = 5.1$	2.0	0.082	
			PMZ	$m_b = 5.3$		4.0	0.50				LE		13.0	0.60	
			eS	10 29 30.0	-2.4						LZ		38.0	1.80	
DL2	16.9	301	-P	10 26 32.0	1.8			CD2	31.1	278	eP	10 28 48.8	-1.2		
			eS	10 29 38.0	5.5						sP	10 29 29.0	-1.0		
			LN			6.0	0.28				S	10 33 43.0	-2.1		
			LE			10.0	1.18				LN		9.0	0.98	
			LZ			14.0	0.88	KMI	33.6	268	eP	10 29 11.0	-0.1		
NJ2	18.2	277	+P	10 26 48.0	1.6						pP	10 29 39.0	2.2		
			PMZ	$m_b = 5.3$		8.0	1.18				eS	10 34 20.0	-4.0		
TIA	19.7	290	eP	10 27 01.9	-1.0						LZ		0.3	1.10	
			pP	10 27 20.5	-3.3			GTA	33.6	295	P	10 29 10.2	-1.3		
			LE			10.0	0.84				PP	10 30 20.0	-6.9		
QZH	20.2	256	eP	10 27 10.0	2.1						eS	10 34 21.8	-3.0		
			S	10 30 46.0	3.3						ScP	10 35 24.7	3.9		
			LN			24.0	3.38				ScS	10 39 23.9	3.0		
			LZ			24.0	2.03				LN		23.0	2.24	
BJI	21.2	300	eP	10 27 17.0	-0.9			LSA	42.0	281	P	10 30 23.1	1.0		
			epP	10 27 38.0	-3.4			WMQ	42.7	302	-iP	10 30 27.0	0.1		
			ScP	10 34 45.0	1.6						ScP	10 35 58.6	3.7		
			eS	10 31 07.0	5.2						PcS	10 36 08.5	1.2		
			esS	10 31 44.0	4.9						S	10 36 40.5	0.6		
			eScS	10 38 29.5	3.5						ScS	10 40 15.5	3.0		
			LE			11.0	0.61				LZ		28.0	0.57	
			LZ			18.0	1.07				LZ		19.0	0.74	
WHN	22.2	274	eP	10 27 29.0	1.2			LSA	42.0	281	P	10 30 23.1	1.0		
			PMZ	$m_b = 5.2$		1.0	0.11	WMQ	42.7	302	-iP	10 30 27.0	0.1		
			pP	10 27 52.0	0.1						ScP	10 35 58.6	3.7		
			eS	10 31 20.0	0.1						PcS	10 36 08.5	1.2		
			sS	10 32 04.0	3.4						S	10 36 40.5	0.6		
TIY	23.6	292	eP	10 27 41.8	0.2						ScS	10 40 15.5	3.0		
			PMZ	$m_b = 5.2$		5.0	0.53				LZ		28.0	0.57	
			pP	10 28 10.5	4.4						LZ		19.0	2.47	
			S	10 31 48.5	4.9										
			sS	10 32 32.0	4.9										
			LE			14.0	0.92								
			LZ			19.0	2.47								
HHC	24.8	300	eP	10 27 53.0	0.0										
			pP	10 28 19.0	1.4										
			PP	10 28 37.0	2.0										
			S	10 32 05.0	1.4										
			LN			10.0	0.50								
			LE			9.0	0.60								
FEB 1d 19h 50m 45.7 \pm 0.21s, SD2.22 / 53 23.11 N \pm 2.33km, 120.68 E \pm 1.88km, h10 \pm 0.32km Taiwan M_s 4.4 / 17, M_L 4.2 / 13, m_b 4.6 / 1,															
								QZH	2.6	314	ePn	19 51 29.0	0.3		
											Sn	19 52 09.5	6.9		
											SMN	$M_L = 4.0$	0.7	0.57	
											SME		0.7	0.83	
											LN		12.0	2.65	
											LZ		12.0	1.81	
								GZH	6.8	271	P	19 52 30.5	3.0		
											S	19 53 48.4	3.4		
											LN		4.0	2.90	
											LE		4.0	0.86	

17.81 S ± 1.32km, 178.48 W ± 1.15km, h538 ± 1.19km					SME							
Fiji region (181)					CD2	10.0	228	eP	14 39 44.4	-2.9	1.0	0.051
CN2	79.9	322	-P	00 57 07.3	GYA	12.4	205	P	14 40 18.6	-1.9		
WHN	80.5	306	P	00 57 12.0	LSA	19.4	251	P	14 41 51.0	0.6		
BJI	83.7	315	eP	00 57 26.5	FEB 3d 15h 18m 23.5 ± 0.11s, SD1.16 / 58							
GYA	84.9	300	P	00 57 33.6	64.54 N ± 1.40km, 17.46 W ± 1.76km, h9 ± 0.10km							
TIY	85.2	312	+iP	00 57 34.8	Iceland (638)							
CD2	89.0	303	eP	00 57 52.8	M _S 5.2 / 3, m _b 5.4 / 1,							
GTA	94.9	310	P	00 58 19.5	WMQ	57.3	56	-P	15 28 14.8	0.1		
FEB 3d 03h 39m 34.0 ± 0.07s, SD1.17 / 31					GTA	65.4	49	-P	15 29 09.0	-0.3		
3.40 S ± 0.73km, 130.92 E ± 1.18km, h49 ± 0.48km					LN M _S = 5.2 11.0 0.55							
Seram (272)					LZ M _S = 5.1 17.0 0.97							
WHN	37.3	336	+P	03 46 44.5	BTO	67.4	41	P	15 29 22.9	0.7		
GYA	37.8	323	P	03 46 49.0	HHC	67.6	40	eP	15 29 23.4	-0.1		
XAN	42.6	333	-P	03 47 27.4	CN2	68.1	28	eP	15 29 27.0	0.2		
TIY	44.4	339	P	03 47 41.3	MDJ	68.2	25	eP	15 29 25.5	-1.4		
BJI	45.3	344	eP	03 47 49.0	BJI	69.6	36	eP	15 29 35.5	-0.2		
GTA	51.3	329	-P	03 48 35.3	LZ M _S = 5.3 18.0 1.78							
WMQ	60.9	325	+iP	03 49 45.0	SNY	69.6	30	eP	15 29 37.5	1.5		
FEB 3d 06h 42m 33.5 ± 0.23s, SD1.84 / 12					LZH	69.7	48	eP	15 29 35.5	-1.1		
14.14 N ± 1.44km, 120.86 E ± 1.63km, h159 ± 1.57km					PMZ m _b = 5.4 2.0 0.082							
Mindoro (250)					TIY	70.8	40	eP	15 29 42.4	-0.6		
BJI	26.1	352	eP	06 47 55.0	eS 15 38 57.5 0.5							
FEB 3d 14h 37m 20.5 ± 0.09s, SD2.39 / 43					sS 15 39 05.0 -0.8							
37.93 N ± 1.04km, 112.38 E ± 0.94km, h10 ± 0.23km					LN M _S = 5.4 15.0 0.99							
North-Eastern China (658)					LZ M _S = 5.1 20.0 1.13							
M _S 4.1 / 3, M _L 4.2 / 24,					LSA	71.1	61	eP	15 29 46.7	1.5		
TIY	0.2	169	iPg	14 37 26.3	XAN	73.2	44	P	15 29 56.8	-0.5		
					CD2	74.4	50	eP	15 30 04.2	-0.4		
					GYA	79.5	49	P	15 30 34.0	0.9		
					FEB 3d 17h 49m 58.0 ± 0.10s, SD1.83 / 100							
					30.11 N ± 1.48km, 90.00 E ± 1.09km, h8 ± 0.12km							
					Tibet (306)							
					M _S 5.6 / 49, m _b 5.6 / 9, m _b 5.5 / 8,							
					LSA	1.1	112	iPg	17 50 12.9	-4.7		
					Sg 17 50 26.1 -5.7							
					LN 6.0 305							
					CD2	11.9	83	P	17 52 51.0	-0.2		
					S 17 55 05.0 0.3							
					LN M _S = 5.7 7.0 16.5							
					LZ M _S = 5.5 10.0 17.4							
					GTA	12.3	38	+P	17 52 54.8	-1.8		
					LE M _S = 5.6 10.0 17.6							
					LZ M _S = 5.4 10.0 14.8							
					KMI	12.3	111	+P	17 52 56.0	-1.4		
					sP 17 53 08.0 3.4							
					S 17 55 18.0 2.5							
					LE M _S = 5.4 10.0 12.0							
					LZ M _S = 5.1 10.0 7.60							
					LZH	13.0	59	eP	17 53 05.0	-1.8		
					PMZ m _b = 5.7 2.0 0.30							
					LN M _S = 5.9 7.0 19.1							
					LE 7.0 13.0							
					LZ M _S = 5.4 10.0 13.4							
					WMQ	13.8	353	P	17 53 16.3	-0.4		
					S 17 55 56.5 5.9							
					LZ M _S = 5.0 15.0 7.32							
					KSH	14.9	313	P	17 53 31.0	0.1		
					eS 17 56 15.0 -2.0							
					sS 17 56 22.0 -1.6							
					LN M _S = 5.6 12.0 17.1							
					GYA	15.1	100	+P	17 53 34.0	-0.1		
					sP 17 53 42.0 0.2							
					S 17 56 20.0 -2.0							
					SS 17 56 40.0 0.7							
					LN M _S = 5.5 11.0 12.2							
					SMN 1.2 0.098							

			pP	18 50 47.4	0.4				GZH	7.6 264	eP	22 12 42.5	-0.1		
			LN		$M_s=4.6$	12.0	1.41				S	22 14 05.5	-4.2		
			LZ		$M_s=4.5$	14.0	1.89				SMN		$M_L=4.9$	1.2	0.56
CN2	18.7	2	P	18 51 08.0	2.4						SME			1.2	0.24
HHC	19.1	328	eP	18 51 12.0	0.3				NJ2	8.2 344	+P	22 12 50.5	-1.1		
CD2	19.4	292	eP	18 51 14.4	0.2						LN		$M_s=4.7$	5.0	1.10
BTO	19.7	325	eP	18 51 19.0	0.8						LE			5.0	2.19
			pP	18 51 25.0	0.6				WHN	9.0 316	-P	22 13 02.0	-0.7		
			eS	18 54 59.0	4.5						pP	22 13 04.0	-3.1		
			LN		$M_s=4.6$	10.0	0.60				eS	22 14 40.9	-4.9		
			LE			10.0	0.60				SMN			1.2	0.32
			LZ		$M_s=4.3$	10.0	0.70				SME			1.2	0.25
MDJ	19.9	10	eP	18 51 20.5	1.0						LN		$M_s=4.5$	8.0	1.38
			S	18 55 02.0	5.7						LE			8.0	1.76
			LE		$M_s=4.7$	12.0	1.39				LZ		$M_s=4.6$	12.0	3.70
LZH	21.0	306	eP	18 51 30.5	-1.1				TIA	12.6 343	eP	22 13 50.1	-1.7		
			PMZ		$m_b=4.8$	2.0	0.082		TIY	15.6 332	eP	22 14 32.6	1.3		
GTA	25.3	310	P	18 52 13.2	-0.9						LN		$M_s=4.7$	13.0	1.92
			LN		$M_s=4.5$	11.0	0.55				LZ		$M_s=4.5$	13.0	1.92
WMQ	35.4	311	eP	18 53 43.0	-0.6				BJI	16.5 345	eP	22 14 45.0	2.7		
											LZ		$M_s=4.2$	14.0	0.94
FEB 3d 20h 34m 08.9 ± 0.08s, SD1.69 / 21															
28.52 N ± 1.65km, 130.56 E ± 1.75km, h44 ± 0.99km															
Ryukyu Islands (238)															
$M_s=3.7/1, m_b=4.6/1,$															
SSE	8.5	290	eP	20 36 11.7	-1.3				CD2	17.2 297	eP	22 14 55.0	4.2		
			LE		$M_s=3.7$	10.0	0.45		LZH	19.4 312	eP	22 15 14.0	-4.0		
CN2	15.8	346	+P	20 37 52.0	2.0						PMZ		$m_b=4.9$	2.0	0.11
BJI	16.5	318	eP	20 37 55.5	-3.6						LN		$M_s=4.7$	10.0	0.70
			LZ		$M_s=4.0$	16.0	0.59				LE			10.0	0.90
GYA	21.3	270	eP	20 38 54.2	-0.1				CN2	19.9 8	eP	22 15 25.4	1.8		
CD2	23.4	282	eP	20 39 16.2	1.3						eS	22 19 01.0	-1.2		
LZH	23.8	295	eP	20 39 19.0	0.4				MDJ	21.5 16	eP	22 15 40.3	0.2		
			PMZ		$m_b=4.6$	2.0	0.055				S	22 19 31.0	-2.0		
											LZ		$M_s=4.4$	14.0	1.20
FEB 3d 22h 10m 01.0 ± 0.08s, SD2.03 / 29															
30.20 N ± 1.09km, 90.03 E ± 0.86km, h8 ± 0.18km															
Tibet (306)															
$M_s=4.7/3,$															
LSA	1.1	117	iPg	22 10 19.9	-0.9						LZ		$M_s=4.5$	14.0	1.50
			Sg	22 10 33.9	-1.3										
LZH	13.0	59	eP	22 13 10.5	1.7										
WMQ	13.7	353	eP	22 13 18.5	-0.1										
GYA	15.1	100	P	22 13 36.4	-0.5										
			SMN			1.6	0.29								
			SME			1.6	0.14								
			LE		$M_s=4.7$	10.0	1.70								
			LZ		$M_s=4.6$	11.0	1.80								
XAN	16.5	72	P	22 13 54.1	0.0										
TIY	20.0	62	eP	22 14 32.6	-4.8										
			LN		$M_s=4.8$	13.0	1.92								
			LZ		$M_s=4.7$	13.0	1.92								
FEB 3d 22h 10m 48.6 ± 0.16s, SD1.73 / 44															
24.13 N ± 1.52km, 121.56 E ± 1.35km, h7 ± 2.54km															
Taiwan (244)															
$M_s=4.7/11, M_L=4.3/13, m_b=4.9/1,$															
QZH	2.8	287	ePn	22 11 35.0	0.7										
			Su	22 12 07.5	-3.0										
			SMN		$M_L=4.2$	0.7	1.08								
			SME			0.7	0.83								
			LE			12.0	5.43								
			LZ			12.0	5.43								
SSE	6.9	357	eP	22 12 32.0	-1.4										
			SMN		$M_L=4.4$	1.2	0.19								
			SME			1.0	0.19								
			LE		$M_s=4.4$	7.0	2.13								
			LZ		$M_s=4.2$	12.0	1.81								
FEB 3d 23h 17m 28.9 ± 0.06s, SD0.78 / 31															
5.47 S ± 0.80km, 154.32 E ± 0.22km, h117 ± 0.77km															
New Ireland region (190)															
CN2	55.5	335	P	23 26 55.0	0.2										
CD2	60.3	310	eP	23 27 28.2	-0.1										
FEB 4d 01h 55m 09.4 ± 0.93s, SD3.12 / 10															
30.47 N ± 4.81km, 90.30 E ± 4.71km, h35 ± 3.31km															
Tibet (306)															
WMQ	13.5	352	P	01 58 20.5	-0.4										
GYA	14.9	101	P	01 58 38.4	-1.7										
TIY	19.7	63	eP	01 59 35.6	-3.0										
WHN	20.7	84	eP	01 59 45.5	-4.0										
FEB 4d 03h 08m 29.1 ± 0.14s, SD3.24 / 16															
27.22 N ± 1.09km, 100.33 E ± 1.26km, h6 ± 0.41km															
Yunnan Province (318)															
$M_L=3.6/7,$															
CD2	4.7	38	ePn	03 09 43.8	2.3										
			Pg	03 09 55.8	2.9										
			Sg	03 11 00.8	3.0										
			SMN		$M_L=3.5$	1.0	0.050								
			SME			1.2	0.080								
FEB 4d 06h 52m 55.2 ± 0.05s, SD1.18 / 78															
45.82 N ± 1.82km, 143.03 E ± 0.94km, h327 ± 1.18km															
Hokkaido region (224)															
$m_b=5.0/4, m_b=5.2/6,$															
MDJ	9.6	268	-P	06 55 09.5	0.6										
			S	06 56 55.0	0.9										
			PcP	07 00 55.0	2.3										



CN2	12.7	267	-iP	06 55 45.0	-1.4		
			PMZ			3.0	0.30
			esP	06 56 56.0	-3.8		
			S	06 58 00.0	-1.7		
			SMN	$m_b = 4.7$		5.0	0.80
SNY	14.6	261	-iP	06 56 08.0	-1.0		
			sP	06 57 23.8	-2.4		
			iS	06 58 46.0	1.9		
			SMN	$m_b = 5.2$		6.0	1.58
			SME			4.5	1.39
DL2	17.2	254	P	06 56 37.0	-0.3		
			S	06 59 39.0	3.5		
			SMN	$m_b = 4.8$		5.0	0.85
			SME			5.0	0.56
BJI	20.4	263	P	06 57 09.0	-0.3		
			eS	07 00 38.0	3.2		
TIA	21.7	253	eP	06 57 22.2	0.7		
SSE	22.5	237	eP	06 57 30.0	1.4		
			pP	06 57 28.0	-0.2		
			eS	07 01 14.0	4.9		
HHC	23.3	269	eP	06 57 38.6	1.6		
TIY	24.1	261	eP	06 57 45.0	0.9		
			LN			9.0	0.40
BTO	24.5	270	eP	06 57 48.0	0.2		
WHN	27.0	246	+P	06 58 10.0	-0.5		
			PcS	07 04 57.5	-4.6		
XAN	28.5	258	P	06 58 22.9	-0.4		
LZH	30.9	266	eP	06 58 45.0	0.5		
			PMZ	$m_b = 5.2$		1.5	0.15
GTA	32.1	274	-P	06 58 56.6	1.3		
			PMZ	$m_b = 5.5$		2.5	0.42
			S	07 03 44.5	1.8		
			ScP	07 04 49.3	3.1		
			ScS	07 08 48.2	3.4		
CD2	33.8	258	eP	06 59 10.2	0.6		
GYA	34.8	249	P	06 59 17.2	-0.3		
			pP	07 00 18.4	-2.4		
			S	07 04 25.0	2.0		
			PcS	07 05 29.0	1.1		
WMQ	38.6	288	iP	06 59 50.0	0.2		
KSH	48.4	288	eP	07 01 08.5	0.7		

			SME			0.9	0.49
			LE	$M_s = 3.7$		16.0	2.38
			LZ	$M_s = 3.8$		16.0	1.78
SSE	7.2	345	P	09 46 37.0	-0.8		
			eS	09 47 56.2	-1.3		
			SMN	$M_L = 4.0$		1.2	0.051
			SME			1.0	0.067
			LE	$M_s = 3.8$		7.0	0.51
			LZ	$M_s = 3.6$		16.0	0.62
NJ2	8.8	334	eP	09 47 00.0	-0.3		
			S	09 48 32.5	-5.3		
			LZ	$M_s = 3.6$		20.0	0.73
GZH	9.2	265	P	09 47 04.0	-1.9		
			SMN			1.0	0.22
			SME			0.8	0.080
WHN	10.2	311	eP	09 47 19.5	0.0		
			sP	09 47 34.5	-1.5		
			S	09 49 10.0	-2.3		
			SMN			1.5	0.19
			SME			1.5	0.11
			LN	$M_s = 4.2$		8.0	0.61
			LE			8.0	0.61
			LZ	$M_s = 4.1$		14.0	1.19
TIA	13.2	337	eP	09 48 02.9	3.7		
TIY	16.4	328	-iP	09 48 45.5	4.1		
			sS	09 52 00.0	3.1		
			LN	$M_s = 4.1$		11.0	0.38
			LZ	$M_s = 4.1$		15.0	0.71
BJI	17.0	341	eP	09 48 50.0	2.0		
SNY	17.6	1	eP	09 48 57.9	1.5		
CD2	18.6	296	eP	09 49 08.2	-0.1		
CN2	19.7	5	eP	09 49 19.4	-1.0		
BTO	19.8	329	P	09 49 22.0	-0.3		
LZH	20.6	310	eP	09 49 30.0	-0.1		
			PMZ	$m_b = 4.6$		1.5	0.044
MDJ	21.1	13	eP	09 49 34.0	-0.7		
			pP	09 49 48.0	1.0		
			LZ	$M_s = 4.3$		15.0	0.87
GTA	25.0	313	+P	09 50 12.8	-0.9		
WMQ	35.1	313	eP	09 51 42.9	-0.4		

FEB 4d 10h 56m $50.0 \pm 0.07s$, SD1.29 / 85
 37.21 N $\pm 1.48km$, 141.19 E $\pm 1.58km$, h73 $\pm 0.98km$
 Near east coast of Honshu (228)
 $M_s 4.5 / 8$, $m_b 5.2 / 6$,

MDJ	11.5	314	eP	10 59 34.0	1.0		
			S	11 01 40.0	0.3		
			LZ	$M_s = 4.3$		24.0	2.80
CN2	13.7	304	eP	11 00 01.6	-0.4		
			pP	11 00 11.0	-3.7		
			eS	11 02 33.0	0.6		
			LZ	$M_s = 4.2$		20.0	1.80
SNY	14.3	294	+P	11 00 11.8	0.8		
			pP	11 00 22.5	-1.6		
			eS	11 02 52.0	3.2		
			eSS	11 03 13.0	6.3		
			LN	$M_s = 4.5$		17.0	1.35
			LE			20.0	2.09
			LZ	$M_s = 4.5$		20.0	2.86
DL2	15.5	282	-P	11 00 27.0	1.2		
			LE	$M_s = 4.2$		13.0	0.77
			LZ	$M_s = 4.1$		20.0	1.09
SSE	17.6	256	eP	11 00 53.0	0.6		
			PMZ	$m_b = 5.0$		1.0	0.073
			pP	11 01 05.0	-2.7		
			sP	11 01 14.0	-1.1		
			sS	11 04 27.0	-0.2		
			LN	$M_s = 4.3$		15.0	0.80

FEB 4d 07h 15m $55.7 \pm 0.09s$, SD2.35 / 24
 30.21 N $\pm 1.25km$, 90.05 E $\pm 0.93km$, h11 $\pm 0.30km$
 Tibet (306)
 $M_s 4.5 / 2$, $m_b 4.6 / 2$,

LSA	1.1	118	Pg	07 16 14.1	-1.2		
			Sg	07 16 27.6	-2.0		
			LN			7.0	21.0
LZH	13.0	59	eP	07 19 04.5	1.5		
			PMZ	$m_b = 4.9$		2.0	0.055
WMQ	13.7	353	P	07 19 13.5	0.6		
GYA	15.1	100	P	07 19 30.4	-0.7		
TIY	20.0	62	eP	07 20 29.4	-2.1		
			sS	07 24 23.0	4.5		
			LN	$M_s = 4.5$		9.0	0.57
			LZ	$M_s = 4.4$		10.0	0.76
WHN	21.0	83	eP	07 20 42.0	0.5		
			LN	$M_s = 4.6$		9.0	0.60
			LE			12.0	0.49
			LZ	$M_s = 4.5$		14.0	1.19

FEB 4d 09h 44m $52.8 \pm 0.08s$, SD1.60 / 79
 24.15 N $\pm 1.37km$, 123.33 E $\pm 0.94km$, h56 $\pm 1.06km$
 Taiwan region (243)
 $M_s 4.1 / 8$, $M_L 4.4 / 14$, $m_b 5.3 / 1$,

QZH	4.4	281	P	09 45 56.7	-2.1		
			SMN	$M_L = 4.3$		0.8	0.52



5.73 N ± 4.66km, 82.64 W ± 4.97km, h10 ± 0.18km
 Off coast of Central America (76)
 M_s6.2 / 17, m_b6.2 / 3,

MDJ	122.1	333	ePKP	19 43 03.0	0.7		
			PP	19 44 40.0	-0.4		
			LZ	M _s =5.7	28.0	2.50	
CN2	124.6	336	ePKP	19 43 07.0	-0.1		
			PP	19 44 52.0	-4.7		
			LZ	M _s =6.0	20.0	3.00	
SNY	127.0	336	ePKP	19 43 12.0	0.3		
			PP	19 45 11.0	-1.3		
			LN	M _s =6.2	22.0	3.19	
			LE		21.0	2.00	
			LZ	M _s =6.0	20.0	3.22	
WMQ	129.9	9	iPKP	19 43 18.5	1.0		
			LZ	M _s =6.1	28.0	5.00	
DL2	130.2	335	ePKP	19 43 18.1	0.1		
			LE	M _s =6.1	17.0	2.25	
			LZ	M _s =5.5	26.0	1.13	
KSH	130.8	22	ePKP	19 43 21.2	1.9		
			ePP	19 45 40.0	1.7		
			PPMZ	m _b =6.2	7.0	0.70	
			LN	M _s =6.4	7.0	1.60	
BJI	131.3	341	PKP	19 43 20.0	0.0		
			SS	20 03 09.0	-0.9		
			LN	M _s =6.3	20.0	3.60	
			LZ	M _s =6.0	20.0	2.70	
HHC	131.9	346	ePKP	19 43 22.9	1.7		
			PP	19 45 41.0	-3.6		
			LE	M _s =6.4	22.0	4.89	
			LZ	M _s =6.1	22.0	3.80	
BTO	132.5	347	ePKP	19 43 23.5	1.1		
			PP	19 45 45.0	-3.2		
			PKS	19 46 51.5	-4.4		
			LN	M _s =6.2	20.0	2.70	
			LE		20.0	1.70	
			LZ	M _s =6.1	20.0	4.00	
TIA	134.3	338	ePKP	19 43 26.5	0.7		
			ePP	19 45 57.0	-3.7		
			PKS	19 46 55.0	-4.4		
			LN	M _s =6.0	16.0	1.46	
			LZ	M _s =5.8	45.0	3.64	
TIY	134.6	343	ePKP	19 43 24.6	-1.7		
			PP	19 45 57.5	-4.3		
			PKS	19 47 03.0	3.3		
			LN	M _s =6.5	23.0	6.87	
			LZ	M _s =6.1	22.0	4.17	
GTA	135.0	357	PKP	19 43 27.5	0.3		
			PKS	19 46 57.0	-3.7		
			SS	20 03 55.0	-0.6		
			LE	M _s =6.2	22.0	3.41	
			LZ	M _s =6.0	21.0	2.62	
SSE	136.9	330	ePKP	19 43 32.2	1.8		
			ePP	19 46 11.0	-4.7		
			PKS	19 47 06.0	2.1		
			SKS	19 50 37.0	-0.1		
			SS	20 04 16.0	-1.7		
			LE	M _s =6.4	16.0	3.40	
			LZ	M _s =6.4	26.0	9.60	
NJ2	137.2	333	ePKP	19 43 32.0	1.0		
			ePP	19 46 16.0	-1.9		
			LZ	M _s =5.6	22.0	1.26	
LZH	138.0	352	ePKP	19 43 34.0	1.4		
XAN	139.0	345	PKP	19 43 36.0	1.7		
			PP	19 46 26.0	-3.3		
			LN	M _s =6.6	8.0	2.74	
WHN	140.4	337	ePKP	19 43 36.5	-0.4		
			ePP	19 46 35.0	-3.1		

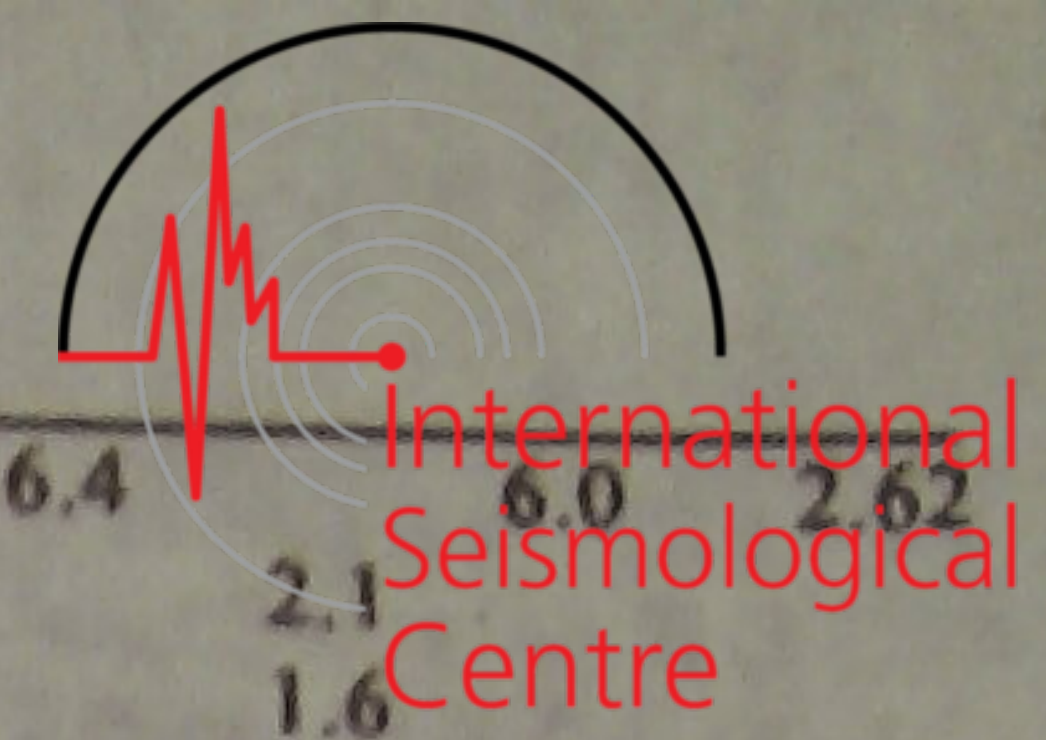
PPMZ			m _b =6.2				
SS	20 05 06.0		6.7				
LN	M _s =6.2		20.0				
LE			18.0			1.52	
LZ	M _s =6.0		20.0			2.80	
CD2	143.1	351	ePKP	19 43 38.8	-2.7		
QZH	143.2	327	ePKP	19 43 40.0	-1.6		
GYA	146.8	345	PKP	19 43 49.8	1.8		
			PP	19 47 14.8	-1.3		
GZH	147.4	332	PKP	19 43 52.0	3.1		
			PP	19 47 21.0	1.2		
KMI	148.9	351	ePKP	19 43 52.0	0.5		
			PKP2	19 44 06.0	5.9		
			PP	19 47 28.0	0.1		
			LZ	M _s =6.1	20.0	2.80	
QZN	152.5	334	ePKP	19 44 02.5	5.7		
			PP	19 47 46.5	-1.9		
			SKS	19 51 01.5	1.5		
			eSS	20 07 17.0	1.5		
			LE	M _s =6.3	23.0	3.92	

FEB 4d 20h 26m 45.8 ± 0.13s, SD1.04 / 31
 5.58 S ± 0.82km, 147.25 E ± 2.50km, h180 ± 0.41km
 Eastern New Guinea region (207)
 m_b5.1 / 1,

QZH	41.2	319	eP	20 34 15.0	0.3		
SSE	44.2	327	eP	20 34 39.3	0.7		
NJ2	46.2	326	eP	20 34 56.5	2.0		
WHN	47.8	321	eP	20 35 07.5	0.5		
			pP	20 35 45.0	-1.4		
BJI	53.7	331	eP	20 35 50.0	-1.3		
TIY	53.9	326	eP	20 35 52.8	-0.4		
HHC	56.6	328	eP	20 36 12.8	0.1		
BTO	57.3	327	eP	20 36 17.0	-0.3		
LZH	58.1	319	eP	20 36 23.0	0.1		
			PMZ	m _b =5.1	1.0	0.037	
			LZ		24.0	2.90	
GTA	62.6	320	+iP	20 36 54.0	0.4		
WMQ	72.6	319	eP	20 37 56.0	-0.2		

FEB 4d 22h 10m 39.3 ± 0.09s, SD0.93 / 112
 4.56 S ± 1.12km, 153.12 E ± 1.58km, h56 ± 0.79km
 New Britain region (192)
 M_s5.8 / 45, m_b6.5 / 36, m_b6.5 / 9,

QZH	44.6	313	+P	22 18 48.0	0.1		
			PMZ	m _b =6.5	5.0	3.85	
			S	22 25 19.0	1.3		
			SME	m _b =6.3	12.0	6.03	
			LN	M _s =5.9	20.0	5.56	
			LE		20.0	8.00	
			LZ	M _s =5.6	32.0	11.7	
SSE	46.8	321	-iP	22 19 05.7	0.5		
			PMZ	m _b =6.6	5.0	4.20	
			pP	22 19 21.0	1.9		
			PPMZ		6.0	1.95	
			SME		13.0	1.20	
			sS	22 26 19.0	5.2		
			LE	M _s =5.6	16.0	3.40	
			LZ	M _s =5.6	26.0	9.60	
GZH	47.6	307	+iP	22 19 12.5	0.8		
			PMZ	m _b =6.5	5.0	3.00	
			sP	22 19 34.0	2.6		
			S	22 26 05.0	4.5		
			LN	M _s =6.1	13.0	2.12	
			LE		18.0	11.1	
			LZ	M _s =5.9	24.0	17.8	
QZN	48.6	300	+P	22 19 20.5	0.6		
			sP	22 19 42.5	2.9		



		PP	22 21 12.0	0.0				PMZ	$m_B = 6.4$	6.0	2.62
		S	22 26 19.0	3.7				pP	22 20 35.0	2.1	
		sS	22 26 44.0	3.7				sP	22 20 40.5	1.6	
		SS	22 29 40.0	-1.3				S	22 28 04.5	1.4	
		LN	$M_S = 6.0$	20.0	6.95			LE	$M_S = 5.7$	15.0	2.83
		LE		21.0	8.93			LZ	$M_S = 5.8$	24.0	8.98
NJ2	48.9 321	+iP	22 19 22.5	0.8			XAN	56.7 316	iP	22 20 19.6	-0.3
		PMZ	$m_B = 6.6$	5.5	4.79			S	22 28 08.0	3.1	
		PcP	22 20 46.5	1.6				LN	$M_S = 5.6$	11.0	1.89
		ScP	22 24 39.0	5.8			KMI	57.1 304	iP	22 20 23.5	0.3
		S	22 26 19.0	0.3				sP	22 20 45.0	2.0	
		LN	$M_S = 5.8$	14.0	2.06			S	22 28 14.0	3.2	
		LE		16.0	3.82			LE	$M_S = 5.8$	20.0	4.90
		LZ	$M_S = 5.8$	23.0	11.2			LZ	$M_S = 6.0$	26.0	15.8
WHN	50.9 316	iP	22 19 37.5	0.1			CD2	58.8 310	+iP	22 20 35.0	0.0
		PMZ	$m_B = 6.3$	1.2	0.46			S	22 28 35.0	1.9	
		pP	22 19 54.0	2.8				sS	22 29 02.0	3.3	
		S	22 26 48.0	1.0				LN	$M_S = 5.7$	14.0	2.80
		LN	$M_S = 5.8$	18.0	3.80			LZ	$M_S = 5.8$	27.0	9.56
		LE		16.0	3.64		HHC	59.0 324	iP	22 20 36.6	0.0
		LZ	$M_S = 5.8$	34.0	16.9			sP	22 20 57.0	0.6	
DL2	52.1 329	+P	22 19 46.5	-0.1				S	22 28 38.0	2.1	
		PMZ	$m_B = 6.3$	6.0	2.45			sS	22 29 02.0	0.5	
		eS	22 27 07.0	2.0				SMN	$m_B = 6.2$	8.0	1.60
		LN	$M_S = 5.8$	20.0	4.93			SME		8.0	2.10
		LE		16.0	2.52			LN	$M_S = 5.6$	14.0	1.90
		LZ	$M_S = 5.5$	30.0	7.35			LZ	$M_S = 6.0$	30.0	15.8
TIA	52.7 323	+P	22 19 50.6	-0.4			BTO	59.8 323	+iP	22 20 42.0	0.2
		PcP	22 20 59.7	0.7				pP	22 21 00.0	4.2	
		S	22 27 11.0	-0.8				S	22 28 47.0	1.3	
		LE	$M_S = 5.6$	15.0	2.76			LN	$M_S = 5.6$	18.0	1.80
		LZ	$M_S = 5.6$	28.0	8.71			LE		18.0	2.00
MDJ	53.3 339	+iP	22 19 54.5	-0.9				LZ	$M_S = 5.5$	18.0	3.30
		pP	22 20 13.0	3.6			LZH	61.3 316	+iP	22 20 52.5	0.6
		PcP	22 21 02.5	1.2				PMZ	$m_B = 6.8$	1.0	1.19
		S	22 27 20.0	0.1				pP	22 21 09.0	3.1	
		LN	$M_S = 5.5$	14.0	1.81			S	22 29 06.0	1.3	
		LZ	$M_S = 5.6$	28.0	8.50			SME	$m_B = 5.8$	10.0	1.24
SNY	53.4 333	+iP	22 19 55.0	-1.3				LN	$M_S = 6.0$	20.0	3.40
		PMZ	$m_B = 6.5$	5.0	2.87			LE		22.0	5.80
		pP	22 20 14.0	3.7				LZ	$M_S = 5.8$	22.0	8.40
		sS	22 27 46.0	-0.9			GTA	65.7 317	+iP	22 21 21.4	0.5
		LN	$M_S = 5.7$	14.0	2.55			PMZ	$m_B = 6.5$	5.0	3.34
		LE		14.5	1.63			pP	22 21 37.0	1.9	
		LZ	$M_S = 5.8$	26.0	10.6			sP	22 21 42.0	1.0	
CN2	54.2 336	+iP	22 20 01.0	-1.0				S	22 30 04.0	4.5	
		PMZ	$m_B = 6.4$	5.0	2.50			sS	22 30 28.0	2.6	
		pP	22 20 18.0	1.9				SS	22 34 15.0	-0.9	
		PcP	22 21 04.5	-0.2				LE	$M_S = 5.8$	17.0	3.45
		ScP	22 24 59.0	2.9				LZ	$M_S = 5.7$	28.0	7.45
		S	22 27 30.0	-2.1			LSA	68.4 304	P	22 21 38.6	0.5
		SMN		22.0	8.70			sP	22 22 02.0	4.0	
		ScS	22 29 40.0	-1.4				eS	22 30 35.0	1.1	
		LZ	$M_S = 5.9$	38.0	18.8			LE	$M_S = 5.9$	25.0	6.27
GYA	54.5 307	+P	22 20 04.8	0.5			WMQ	75.8 317	+iP	22 22 22.5	0.8
		pP	22 20 23.0	4.8				PMZ	$m_B = 6.5$	5.0	3.85
		PcP	22 21 08.0	2.2				S	22 32 00.0	3.6	
		S	22 27 37.0	1.0				sS	22 32 28.0	5.3	
		LE	$M_S = 6.0$	22.0	8.53			LZ	$M_S = 5.8$	28.0	6.55
		LZ	$M_S = 5.6$	22.0	5.88		KSH	83.1 311	iP	22 23 03.0	1.8
BJI	55.9 326	+P	22 20 13.0	-1.0				PMZ	$m_B = 6.9$	4.0	6.30
		PMZ	$m_B = 6.5$	5.0	3.14			pP	22 23 20.0	4.5	
		epP	22 20 30.0	1.9				eS	22 33 16.0	1.0	
		ScP	22 25 08.5	5.1				LE	$M_S = 6.3$	16.0	5.90
		eS	22 27 56.0	0.6							
		LE	$M_S = 5.9$	18.0	5.80						
		LZ	$M_S = 5.9$	25.0	11.9						
TIY	56.5 322	+iP	22 20 18.5	-0.4							

FEB 5d 01h 59m 46.5 ± 0.10s, SD1.60 / 99
 33.51 N ± 1.61km, 140.86 E ± 2.05km, h56 ± 0.78km
 South of Honshu (211)



M _s 5.0 / 36, m _b 5.5 / 5, m _b 5.2 / 4,				M _b 5.1										
MDJ	14.1 325	eP	02 03 05.5	0.3	XAN	26.5 280	P	02 05 20.3	-0.7					
		pP	02 03 12.0	-2.7			sP	02 05 39.8	-0.2					
		sP	02 03 25.0	3.0			S	02 09 51.0	3.1					
		S	02 05 42.0	2.5			LN			M _b 5.1	18.0 3.43			
		LN			M _s 4.7	12.0	2.45	GYA	30.3 266	P	02 05 54.0	-1.6		
		LZ			M _s 4.5	30.0	4.70			pP	02 06 10.0	1.3		
CN2	15.8 315	eP	02 03 27.0	-0.1						S	02 10 44.0	-5.4		
		pP	02 03 36.8	-0.1						ScP	02 12 33.6	3.9		
		eS	02 06 18.0	-1.6						PcS	02 12 38.0	2.0		
		LZ			M _s 4.9	24.0	8.60			ScS	02 16 27.0	2.7		
SNY	16.0 306	eP	02 03 29.0	-0.4	LZH	30.4 285	eP	02 05 54.0	-2.1					
		sP	02 03 50.0	3.6			PMZ			m _b 5.0	2.0	0.055		
		S	02 06 24.0	0.7			pP	02 06 07.0	-2.1					
		LN			M _s 4.7	12.0	1.72			LN		M _s 5.3	14.0 1.10	
		LZ			M _s 4.6	23.0	3.70			LE			15.0 2.70	
DL2	16.4 295	P	02 03 38.0	3.1						LZ		M _s 5.1	16.0 3.30	
		PMZ			m _b 5.5	4.0	0.84	CD2	31.4 276	eP	02 06 03.4	-1.4		
		S	02 06 38.0	4.6						S	02 11 10.5	4.7		
		LN			M _s 5.1	15.0	3.25			LN		M _s 5.1	13.0 1.84	
		LE				15.0	4.25			LZ		M _s 5.0	16.0 2.47	
		LZ			M _s 4.8	15.0	3.62	GTA	33.3 292	P	02 06 21.0	-0.7		
SSE	16.8 267	+P	02 03 44.0	4.3						ScP	02 12 42.2	2.4		
		PMZ			m _b 5.5	6.0	1.40			ScS	02 16 41.0	1.8		
		sP	02 03 55.0	-1.9						LE		M _s 5.2	13.0 1.86	
		sS	02 06 55.0	-4.6						LZ		M _s 4.8	23.0 2.00	
		LE			M _s 4.7	12.0	1.80	KMI	34.1 266	+P	02 06 28.0	-0.7		
		LZ			M _s 4.5	18.0	2.30			pP	02 06 43.0	1.1		
NJ2	18.6 272	+P	02 04 03.3	2.0						sP	02 06 48.5	0.7		
		pP	02 04 15.0	3.2						S	02 11 49.5	1.2		
		LN			M _s 4.7	10.0	0.65			LE		M _s 5.2	16.0 2.40	
		LE				14.0	1.26			LZ		M _s 5.3	16.0 4.40	
		LZ			M _s 4.6	21.0	3.10	WMQ	42.1 300	-IP	02 07 37.2	1.8		
TIA	19.7 285	eP	02 04 12.1	-1.6						S	02 13 53.0	3.6		
		sP	02 04 29.0	-2.9						LZ		M _s 5.3	12.0 2.38	
		S	02 07 53.0	6.9										
		LN			M _s 5.2	13.0	2.76	KSH	51.5 297	P	02 08 51.0	1.5		
		LE				12.0	3.45			pP	02 09 08.0	4.8		
		LZ			M _s 5.0	17.0	5.24			eS	02 16 08.0	3.6		
BJI	20.8 295	eP	02 04 22.0	-3.5	FEB 5d 05h 19m 42.2 ± 0.10s, SD3.00 / 11									
		epP	02 04 36.0	-1.8	36.25 N ± 0.84km, 111.31 E ± 1.06km, h11 ± 0.30km									
		esP	02 04 44.0	-0.1	Eastern China (664)									
		eS	02 08 06.0	-2.9	M _L 3.1 / 8,									
		LN			M _s 4.7	15.0	1.59	XAN	2.9 222	Pg	05 20 35.4	1.0		
		LZ			M _s 4.7	22.0	3.50			Sg	05 21 12.4	-2.2		
QZH	21.2 252	eP	02 04 30.0	0.3						SMN		M _L 3.2	1.0 9.10	
		eS	02 08 17.0	0.4										
		LN			M _s 4.8	20.0	2.50	HHC	4.6 2	Pg	05 21 04.6	1.0		
		LZ			M _s 4.5	20.0	1.87			Sg	05 22 03.6	-2.6		
WHN	22.6 270	iP	02 04 45.0	0.9	FEB 5d 10h 43m 35.3 ± 0.08s, SD2.08 / 25									
		PMZ			m _b 5.4	0.8	0.15	30.14 N ± 1.05km, 90.06 E ± 0.88km, h12 ± 0.20km						
		pP	02 04 57.0	0.2	Tibet (306)									
		S	02 08 46.0	3.4	M _s 4.2 / 1,									
		LN			M _s 5.0	14.0	1.62	LSA	1.0 114	Pg	10 43 53.6	-0.8		
		LE				15.0	2.30			Sg	10 44 07.6	-0.6		
		LZ			M _s 4.9	16.0	3.00			LN			5.0 8.21	
TIY	23.4 288	P	02 04 51.2	-0.8				GTA	12.2 38	eP	10 46 34.5	1.6		
		PP	02 05 26.0	1.9						LE		M _s 4.2	9.0 0.64	
		S	02 09 02.0	5.4										
		LE			M _s 5.1	13.0	2.78	WMQ	13.8 353	eP	10 46 51.0	-2.4		
		LZ			M _s 5.1	14.0	4.76	GYA	15.1 100	P	10 47 09.6	-0.8		
BTO	25.5 295	P	02 05 12.4	0.4				WHN	21.0 83	eP	10 48 20.5	-0.6		
		sP	02 05 35.5	4.7						sP	10 48 27.3	-2.4		
		PP	02 05 56.0	4.5				BJI	23.5 58	P	10 48 46.5	0.5		
		S	02 09 36.5	4.7				FEB 6d 00h 40m 40.3 ± 0.09s, SD1.39 / 38						
		sS	02 10 01.0	6.0				2.82 S ± 0.98km, 130.04 E ± 2.03km, h41 ± 0.86km						
		LN			M _s 5.3	20.0	3.00	Seram (272)						
		LE				22.0	5.10	m _b 5.0 / 2,						



WHN	36.4	337	+P	00 47 44.5	1.4
GYA	36.9	324	P	00 47 47.8	0.8
KMI	38.4	318	+P	00 48 01.5	1.6
			sP	00 48 17.0	1.9
TIY	43.5	340	eP	00 48 41.7	-0.4
BJI	44.5	345	eP	00 48 50.0	0.0
LZH	45.8	330	eP	00 49 00.0	-0.5
			PMZ	$m_b = 5.0$	1.5 0.031
WMQ	60.0	326	-iP	00 50 45.0	-0.4
KSH	65.0	316	eP	00 51 19.0	-0.4

FEB 6d 05h 10m $46.2 \pm 0.14s$, SD2.37 / 26
 $41.92 N \pm 2.82km$, $142.77 E \pm 2.35km$, $h20 \pm 0.84km$
 Hokkaido region (224)

MDJ	10.0	290	eP	05 13 15.5	3.5
BJI	20.1	274	eP	05 15 19.0	-3.3
TIY	23.6	270	eP	05 15 55.4	-1.9
GTA	32.4	280	eP	05 17 17.1	-0.8
WMQ	39.8	292	eP	05 18 20.0	-0.1

FEB 6d 05h 51m $19.2 \pm 0.09s$, SD2.17 / 6
 $30.49 N \pm 0.52km$, $99.03 E \pm 0.80km$, $h7 \pm 0.34km$
 Tibet (306)
 $M_L 3.0 / 2$,

CD2	4.1	83	ePg	05 52 33.5	2.0
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FEB 6d 08h 05m $54.8 \pm 0.10s$, SD1.14 / 30
 $31.08 N \pm 2.00km$, $50.27 E \pm 1.40km$, $h31 \pm 0.08km$
 Western Iran (347)

KSH	22.5	61	eP	08 10 52.5	-1.1
WMQ	32.1	56	eP	08 12 22.2	0.7
GTA	40.9	64	+iP	08 13 37.5	1.2
KMI	46.3	84	-P	08 14 20.0	-0.4
GYA	49.2	80	P	08 14 41.6	-1.2
TIY	50.9	65	eP	08 14 56.3	0.5
BJI	53.3	61	eP	08 15 13.5	0.1
WHN	54.3	73	P	08 15 20.5	-0.6

FEB 6d 13h 09m $05.4 \pm 0.12s$, SD2.91 / 22
 $30.06 N \pm 1.49km$, $89.97 E \pm 1.36km$, $h12 \pm 0.22km$
 Tibet (306)
 $M_S 4.5 / 1$,

LSA	1.1	109	Pg	13 09 23.6	-1.6
			Sg	13 09 37.6	-2.0
			LN		6.0 15.9
WMQ	13.8	353	eP	13 12 22.0	-2.2
GYA	15.1	100	P	13 12 39.6	-1.7
TIY	20.1	62	eP	13 13 39.6	-2.9
			S	13 17 21.5	-1.0
BJI	23.6	58	eP	13 14 19.0	1.9

FEB 6d 14h 35m $30.1 \pm 0.09s$, SD2.72 / 12
 $30.26 N \pm 1.10km$, $90.05 E \pm 1.13km$, $h9 \pm 0.06km$
 Tibet (306)
 $M_L 3.5 / 1$,

GYA	15.1	100	P	14 39 05.4	-0.5
TIY	20.0	62	eP	14 40 05.5	-0.4

FEB 6d 15h 25m $24.3 \pm 0.05s$, SD0.87 / 64
 $41.98 N \pm 0.86km$, $137.50 E \pm 0.70km$, $h303 \pm 0.68km$
 Eastern Sea of Japan (223)
 $m_b 4.3 / 1$, $m_b 4.9 / 5$,

MDJ	6.3	297	-P	15 26 59.0	0.4
			S	15 28 08.0	-4.2
			SMN	$m_b = 4.3$	5.0 0.70
CN2	9.0	286	-P	15 27 30.4	-1.1
SNY	10.4	274	-iP	15 27 49.5	1.4
DL2	12.5	261	P	15 28 15.0	1.1

			PMZ	$m_b = 5.0$	
BJI	16.2	270	-P	15 28 56.5	-0.7
TIA	16.8	257	-P	15 29 03.3	-0.3
SSE	17.0	236	eP	15 29 05.0	-0.4
NJ2	17.9	242	eP	15 29 15.0	0.8
HHC	19.5	275	eP	15 29 30.4	-0.2
TIY	19.7	266	eP	15 29 32.8	0.1
BTO	20.7	275	eP	15 29 43.0	0.6
WHN	21.8	246	eP	15 29 54.5	1.2
XAN	23.8	260	P	15 30 11.5	-0.6
LZH	26.7	268	eP	15 30 38.5	0.0
			PMZ	$m_b = 4.9$	1.5 0.066
GTA	28.5	278	-P	15 30 54.3	-0.8
			ScS	15 41 05.3	4.1
GYA	29.6	248	P	15 31 05.4	0.7

FEB 6d 19h 55m $05.3 \pm 0.16s$, SD2.02 / 67
 $5.16 N \pm 1.87km$, $125.82 E \pm 3.11km$, $h46 \pm 0.32km$
 Talaud Islands (263)
 $m_b 4.8 / 3$,

QZN	20.8	313	eP	19 59 46.6	1.2
SSE	26.2	351	P	20 00 40.0	2.4
			PMZ	$m_b = 4.7$	0.8 0.014
			pP	20 00 53.0	4.3
WHN	27.5	338	eP	20 00 49.0	-0.5
GYA	28.0	321	P	20 00 57.0	2.5
TIA	31.9	347	-P	20 01 31.5	2.3
XAN	32.7	333	P	20 01 34.2	-2.2
CD2	33.0	324	eP	20 01 37.3	-1.0
DL2	33.8	354	eP	20 01 47.4	1.9
TIY	34.6	341	eP	20 01 56.6	3.9
			eS	20 07 21.5	3.5
			LZ	$M_S = 4.3$	22.0 0.64
BJI	35.8	347	eP	20 02 00.5	-2.1
SNY	36.6	357	eP	20 02 07.9	-1.1
LZH	36.8	330	eP	20 02 11.0	-0.4
			PMZ	$m_b = 5.1$	1.5 0.044
HHC	37.8	342	eP	20 02 18.0	-1.3
BTO	38.0	340	eP	20 02 26.2	4.7
CN2	38.5	360	eP	20 02 25.4	0.3
MDJ	39.4	4	eP	20 02 32.5	-0.5
GTA	41.4	329	P	20 02 48.3	-1.3
WMQ	51.0	325	eP	20 04 03.5	-2.1

FEB 7d 01h 34m $01.8 \pm 0.13s$, SD3.02 / 11
 $30.63 N \pm 1.30km$, $103.04 E \pm 1.32km$, $h14 \pm 0.31km$
 Sichuan Province (307)
 $M_L 3.3 / 6$,

GYA	5.2	142	Pg	01 35 39.0	4.5
			SMN	$M_L = 3.1$	0.8 0.020
			SME		0.8 0.020
XAN	6.0	54	Pu	01 35 28.2	-2.8
			SMN	$M_L = 3.3$	1.0 0.020

FEB 7d 02h 04m $25.8 \pm 0.08s$, SD0.97 / 74
 $4.92 S \pm 1.01km$, $134.22 E \pm 1.38km$, $h35 \pm 0.21km$
 Aroe Islands region (204)
 $m_b 5.0 / 4$,

QZN	33.8	315	eP	02 11 06.2	-0.9
SSE	37.9	342	P	02 11 42.0	0.0
			PMZ	$m_b = 4.9$	0.8 0.016
WHN	40.1	333	P	02 12 01.0	1.2
			sP	02 12 14.0	0.4
GYA	41.1	321	P	02 12 08.4	0.2
			sP	02 12 21.0	-0.9
KMI	42.8	316	-P	02 12 22.0	-0.3
			sP	02 12 35.0	-0.8
TIA	43.9	340	P	02 12 30.6	-1.1

DL2	45.1	346	eP	02 12 41.2	0.0			
XAN	45.5	330	P	02 12 43.9	-0.6			
CD2	46.0	323	eP	02 12 47.8	-0.5			
TIY	47.0	336	+iP	02 12 56.4	0.2			
SNY	47.5	349	+P	02 13 00.0	-0.1			
BJI	47.7	341	eP	02 13 01.5	-0.2			
CN2	49.1	352	-P	02 13 12.0	-0.7			
MDJ	49.5	356	eP	02 13 15.4	0.1			
LZH	49.7	328	eP	02 13 18.0	0.5			
			PMZ			$m_b = 5.2$	1.5	0.044
HHC	50.1	338	-P	02 13 19.0	-0.9			
BTO	50.4	336	eP	02 13 22.7	-0.1			
GTA	54.3	327	-iP	02 13 52.2	0.2			
WMQ	64.1	324	P	02 15 00.0	0.9			
			eS	02 23 35.0	2.9			

TIY	11.1	43	eP	09 05 05.8	2.9	SMN	$M_L = 4.0$		
FEB 7d 09h 13m $08.7 \pm 0.07s$, SD1.16 / 22									
51.29 N $\pm 2.22km$, 177.89 E $\pm 1.01km$, h33 $\pm 0.59km$									
Rat Islands (6)									
$m_b 4.7 / 1,$									
BJI	43.4	280	eP	09 21 11.0	1.0				
HHC	45.7	284	eP	09 21 30.0	0.9				
SSE	45.9	267	eP	09 21 31.8	1.2				
			PMZ			$m_b = 4.7$		1.0	0.012
			pP	09 21 43.5	3.5				
GTA	53.7	290	P	09 22 29.7	-0.4				

FEB 7d 10h 49m $03.0 \pm 0.11s$, SD3.02 / 11									
42.33 N $\pm 1.12km$, 84.25 E $\pm 0.86km$, h13 $\pm 0.26km$									
Southern Xinjiang Province (321)									
$M_L 3.7 / 9,$									
WMQ	2.9	59	Pn	10 49 53.7	3.8				
			Sg	10 50 35.8	0.8				
			SMN			$M_L = 3.3$		0.4	0.12
			SME					0.4	0.15
GTA	12.1	99	eP	10 51 54.3	-4.9				
			SMN					1.0	0.0080
			SME					1.0	0.0070

FEB 7d 12h 41m $42.5 \pm 0.22s$, SD1.29 / 37									
27.22 S $\pm 1.03km$, 176.98 W $\pm 2.35km$, h163 $\pm 1.43km$									
Kermadec Islands region (177)									
MDJ	86.5	325	eP	12 54 08.9	-0.1				
WHN	87.2	306	eP	12 54 13.0	1.0				
SNY	87.9	320	eP	12 54 14.4	-1.3				
CN2	88.2	322	eP	12 54 15.6	-1.3				
TIA	88.5	312	eP	12 54 17.5	-0.8				
BJI	91.3	315	eP	12 54 31.0	-0.5				
TIY	92.4	312	eP	12 54 37.2	0.4				
XAN	92.9	307	eP	12 54 41.7	2.6				

FEB 7d 13h 35m $26.9 \pm 0.10s$, SD1.05 / 57									
23.81 S $\pm 1.87km$, 180.00 E $\pm 2.32km$, h562 $\pm 0.56km$									
South of Fiji (171)									
MDJ	82.2	326	eP	13 46 51.0	-0.3				
WHN	82.9	308	P	13 46 55.5	0.4				
			SKS	13 56 27.0	6.6				
			iS	13 56 33.0	4.6				
SNY	83.6	321	+iP	13 46 57.5	-0.7				
CN2	83.8	324	+P	13 46 58.8	-0.6				
			pP	13 49 01.0	1.3				
TIA	84.2	314	P	13 47 01.2	0.1				
GYA	86.7	301	P	13 47 13.8	0.4				
BJI	87.0	316	eP	13 47 14.5	0.0				
			esP	13 50 16.0	5.1				
			eS	13 57 05.0	-1.3				
TIY	88.1	313	+P	13 47 20.6	0.5				
XAN	88.7	308	+P	13 47 23.3	0.6				
KMI	89.2	298	+P	13 47 26.0	0.6				
CD2	91.0	303	eP	13 47 34.8	1.3				
LZH	93.3	308	P	13 47 44.5	0.4				

FEB 7d 15h 08m $58.7 \pm 0.21s$, SD1.72 / 66									
3.35 S $\pm 1.70km$, 148.84 E $\pm 2.58km$, h38 $\pm 1.02km$									
Bismarck Sea (203)									
$M_S 5.3 / 17, m_b 5.3 / 1, m_b 5.2 / 1,$									
SSE	43.2	324	eP	15 17 00.0	1.7				
			sP	15 17 15.0	2.1				
			eS	15 23 24.0	1.8				
			eSS	15 26 30.0	0.7				
			LN			$M_S = 5.4$		22.0	0.41

FEB 7d 04h 03m $00.6 \pm 0.24s$, SD2.20 / 51									
22.03 S $\pm 2.61km$, 67.36 W $\pm 4.82km$, h176 $\pm 2.23km$									
Chile-Bolivia border region (124)									
KSH	144.3	52	ePKP	04 22 21.0	4.3				
WMQ	150.0	38	PKP	04 22 31.5	5.3				
			PKP2	04 22 43.7	5.0				
MDJ	153.5	332	ePKP	04 22 31.0	-0.1				
CN2	155.8	337	ePKP	04 22 33.2	-1.0				
			PKP2	04 23 01.7	-1.4				
			epPKP	04 23 15.0	-4.4				
SNY	158.2	338	ePKP	04 22 34.6	-2.8				
			PKP2	04 23 13.0	-0.4				
GTA	159.5	29	ePKP	04 22 37.8	-1.3				
HHC	161.2	3	ePKP	04 22 40.0	-0.8				
BJI	161.8	351	ePKP	04 22 41.0	-0.2				
			PKP2	04 23 26.5	-2.3				
			PP	04 27 09.5	-4.3				
TIY	164.4	1	ePKP	04 22 44.2	0.3				
TIA	165.3	346	PKP	04 22 44.8	0.0				
			PKP2	04 23 42.6	-1.6				
CD2	168.1	40	ePKP	04 22 48.0	1.2				
SSE	168.2	322	ePKP	04 22 47.5	0.8				
			PKP2	04 23 56.0	-0.6				
WHN	171.4	350	ePKP	04 22 49.0	0.3				
			sPKP	04 23 49.5	-2.6				
			PKP2	04 24 10.5	-0.3				
			ePP	04 28 01.0	-1.7				
GYA	173.0	50	PKP	04 22 49.6	0.0				

FEB 7d 04h 27m $26.7 \pm 0.18s$, SD1.82 / 8									
30.03 N $\pm 0.50km$, 89.97 E $\pm 0.59km$, h17 $\pm 1.43km$									
Tibet (306)									
LSA	1.1	108	iPg	04 27 45.9	-0.6				
			Sg	04 27 59.9	-0.9				
			LN			6.0	10.7		
GYA	15.1	100	P	04 31 02.0	0.1				
TIY	20.1	62	eP	04 32 03.6	0.4				

FEB 7d 09h 02m $20.9 \pm 0.14s$, SD2.83 / 18									
29.94 N $\pm 1.34km$, 102.94 E $\pm 1.33km$, h8 $\pm 0.26km$									
Sichuan Province (307)									
$M_L 3.8 / 12,$									
CD2	1.2	36	iPg	09 02 44.8	2.6				
			Sg	09 03 01.2	2.6				
			SMN			$M_L = 3.9$	0.6	2.67	
			SME				0.6	1.80	
GYA	4.8	136	Pg	09 03 44.6	-0.8				
			SMN			$M_L = 3.6$	1.0	0.080	
			SME				1.0	0.080	
KMI	4.8	182	Pn	09 03 36.0	1.9				
			SME			$M_L = 3.4$	1.0	0.050	
XAN	6.5	50	ePn	09 03 55.0	-2.6				



		LE			22.0	2.98			72.0	318	eP	15	20	22.3			
		LZ		$M_s = 5.2$	22.0	3.43			KSH	79.0	311	eP	15	21	03.5		2.0
QZN	44.3	302	P	15 17 07.4	0.0				WMQ								
			eS	15 23 42.0	3.3				FEB 7d 21h 32m $00.7 \pm 0.56s$, SD4.55 / 7								
			LE		$M_s = 5.2$	17.0	1.44		35.66 N \pm 5.12km, 80.79 E \pm 1.83km, h5 \pm km								
NJ2	45.3	323	eP	15 17 10.0	-4.9				Kashmir-Tibet border region (304)								
			LN		$M_s = 5.3$	16.0	0.95		$M_L 4.1 / 4,$								
			LE			17.0	1.40	KSH	5.5	316	ePn	21	33	24.5		1.3	
			LZ		$M_s = 5.1$	20.0	2.44				Sn	21	34	21.5		-6.9	
WHN	47.1	318	eP	15 17 28.5	-0.9						SMN			$M_L = 4.3$	0.8	0.30	
			pP	15 17 40.5	0.9						SME				0.7	0.30	
			sP	15 17 42.9	-1.0				WMQ	9.7	31	eP	21	34	24.5		-0.2
			S	15 24 18.0	0.8						S	21	36	19.5		4.2	
			SME		$m_b = 5.3$	10.0	0.41				SMN					1.0	0.010
			LE		$M_s = 5.5$	20.0	2.98				SME					1.0	0.020
			LZ		$M_s = 5.3$	20.0	3.43										
DL2	49.0	332	eP	15 17 47.0	3.1				FEB 7d 21h 57m $42.2 \pm 0.16s$, SD4.63 / 7								
			S	15 24 49.0	5.6				22.86 N \pm 1.79km, 103.41 E \pm 1.49km, h36 \pm 1.26km								
			LN		$M_s = 5.3$	16.0	1.28		Yunnan Province (318)								
			LE			17.0	1.20		$M_L 3.7 / 4,$								
			LZ		$M_s = 4.8$	24.0	1.32	GYA	4.6	39	Pg	21	59	02.8		-1.9	
TIA	49.3	326	eP	15 17 46.3	0.2						SME			$M_L = 3.4$	1.0	0.060	
			eS	15 24 53.0	4.5				QZN	7.1	121	ePn	21	59	27.6		3.3
			LN		$M_s = 5.3$	16.0	1.07										
			LE			16.0	1.12		FEB 8d 01h 51m $18.5 \pm 0.10s$, SD1.88 / 11								
			LZ		$M_s = 5.0$	35.0	2.50		35.89 N \pm 0.08km, 81.00 E \pm 0.60km, h28 \pm 1.11km								
GYA	50.4	309	P	15 17 57.8	2.9				Kashmir-Tibet border region (304)								
SNY	50.5	336	eP	15 17 56.4	0.9				$M_L 4.4 / 4,$								
			S	15 25 10.0	5.5			KSH	5.4	313	Pn	01	52	40.2		2.2	
			LN		$M_s = 5.2$	28.0	1.69				eSn	01	53	40.5		-0.5	
			LE			26.0	1.40				SMN			$M_L = 4.5$	0.4	0.50	
			LZ		$M_s = 5.0$	30.0	2.52				SME				0.5	0.50	
MDJ	50.8	342	eP	15 17 58.0	0.4				WMQ	9.4	31	eP	01	53	36.7		0.8
			S	15 25 08.0	-0.2						S	01	55	27.0		5.1	
			LZ		$M_s = 5.1$	30.0	2.62				SMN					1.8	0.040
CN2	51.4	338	eP	15 18 02.0	-0.7						SME					2.0	0.090
			esP	15 18 16.0	-1.2				FEB 8d 09h 28m $14.5 \pm 0.07s$, SD1.09 / 21								
			eS	15 25 18.0	-0.6				14.02 N \pm 0.58km, 120.15 E \pm 1.36km, h70 \pm 1.19km								
			LZ		$M_s = 5.1$	28.0	2.40		Philippine Islands region (248)								
BJI	52.5	329	eP	15 18 11.0	0.0			WHN	17.3	343	eP	09	32	13.5		0.7	
			eS	15 25 34.0	0.1			XAN	22.4	335	eP	09	33	07.7		-0.5	
			LN		$M_s = 5.4$	20.0	2.40	CD2	22.6	321	eP	09	33	10.8		0.7	
			LZ		$M_s = 5.1$	28.0	2.50	TIY	24.6	345	eP	09	33	30.0		0.5	
XAN	52.9	318	-P	15 18 13.8	0.2			BJI	26.2	353	eP	09	33	44.0		-0.3	
KMI	52.9	305	eP	15 18 16.0	2.0			MDJ	31.5	13	eP	09	34	33.0		0.4	
			sP	15 18 31.0	2.6												
			LZ		$M_s = 5.2$	20.0	2.10										
TIY	53.0	324	eP	15 18 14.3	-0.2				FEB 8d 15h 58m $56.6 \pm 0.10s$, SD3.64 / 8								
			eS	15 25 44.0	3.9				34.82 N \pm 1.05km, 111.14 E \pm 1.02km, h11 \pm 0.23km								
			LN		$M_s = 5.5$	18.0	2.38		Eastern China (664)								
			LZ		$M_s = 5.2$	22.0	2.61		$M_L 3.0 / 8,$								
CD2	54.8	312	eP	15 18 27.4	-0.4			XAN	2.0	247	iPn	15	59	28.2		-2.5	
			eS	15 26 01.0	-3.7						Sn	15	59	53.1		-4.3	
			LZ		$M_s = 5.1$	20.0	1.76				SMN			$M_L = 2.9$	0.7	0.10	
HHC	55.6	326	eP	15 18 31.0	-2.6				FEB 8d 16h 04m $28.6 \pm 0.12s$, SD1.02 / 32								
			LZ		$M_s = 5.2$	28.0	3.10		6.87 S \pm 0.79km, 154.67 E \pm 0.74km, h53 \pm 1.07km								
BTO	56.3	325	eP	15 18 38.0	-0.7				Solomon Islands (193)								
			sP	15 18 54.0	0.7			WHN	53.6	316	eP	16	13	47.0		-0.4	
			eS	15 26 25.5	0.6			XAN	59.4	316	-P	16	14	28.2		-0.4	
			LN		$M_s = 5.5$	20.0	1.70	CD2	61.5	311	eP	16	14	43.8		0.9	
			LE			20.0	1.70	GTA	68.4	317	+P	16	15	28.4		0.6	
			LZ		$M_s = 5.4$	20.0	3.30	WMQ	78.5	317	eP	16	16	27.4		0.7	
LZH	57.5	317	eP	15 18 48.0	1.0												
			PMZ		$m_b = 5.2$	2.5	0.079										
			LZ		$M_s = 5.0$	42.0	2.60		FEB 8d 19h 58m $45.6 \pm 0.12s$, SD0.93 / 39								
GTA	61.9	318	eP	15 19 18.0	0.3				6.92 S \pm 0.72km, 154.55 E \pm 0.77km, h38 \pm 1.09km								
			LE		$M_s = 5.1$	12.0	0.48		Solomon Islands (193)								
			LZ		$M_s = 5.3$	24.0	2.72		$m_b 5.3 / 2,$								

WHN	53.6	316	P	20 08 05.6	0.1		
TIY	59.3	322	eP	20 08 45.7	-0.6		
XAN	59.3	316	+P	20 08 45.8	-1.0		
CD2	61.4	311	eP	20 09 01.5	0.5		
LZH	64.0	316	eP	20 09 18.0	0.1		
			PMZ		$m_b = 5.3$	1.0	0.037
GTA	68.4	317	+P	20 09 46.0	-0.1		
WMQ	78.5	317	P	20 10 45.5	0.4		
KSH	85.7	310	eP	20 11 24.5	1.9		

FEB 8d 23h 46m $40.0 \pm 0.16s$, SD2.09 / 58
 $55.52 S \pm 4.78km$, $26.72 W \pm 6.61km$, $h25 \pm 0.67km$
 South Sandwich Islands region (153)
 $M_s 6.0 / 4$,

KMI	132.4	108	PKP	24 05 57.0	3.1		
GYA	135.6	111	PKP	24 06 01.0	1.3		
LZH	141.4	99	ePKP	24 06 06.0	-4.3		
GTA	141.5	92	ePKP	24 06 06.2	-4.2		
			PP	24 09 15.0	-1.0		
			LE		$M_s = 5.7$	19.0	0.92
			LZ		$M_s = 5.5$	20.0	0.76
XAN	142.7	106	PKP	24 06 11.1	-1.3		
WHN	142.9	116	ePKP	24 06 11.0	-1.6		
			sPKP	24 06 24.0	1.5		
SSE	146.7	124	PKP	24 06 22.0	2.8		
			PKP2	24 06 29.0	6.1		
			eSS	24 28 46.0	4.3		
			LN		$M_s = 5.9$	18.0	1.40
			LZ		$M_s = 5.8$	18.0	1.40
TIY	147.4	106	PKP	24 06 22.2	1.8		
			pPKP	24 06 30.5	3.2		
			ePP	24 09 51.0	-0.4		
			LN		$M_s = 6.1$	20.0	2.00
			LZ		$M_s = 5.7$	18.0	1.09
BTO	148.1	100	iPKP	24 06 22.0	0.5		
TIA	148.8	113	ePKP	24 06 24.1	1.5		
HHC	149.1	101	ePKP	24 06 23.7	0.5		
BJI	151.1	107	ePKP	24 06 27.5	1.4		
			LZ		$M_s = 5.4$	20.0	0.60
CN2	158.7	112	+PKP	24 06 36.5	0.1		
			sPKP	24 06 53.0	6.7		
			LZ		$M_s = 6.1$	20.0	2.40
MDJ	161.4	116	PKP	24 06 40.0	0.7		

FEB 9d 02h 06m $38.6 \pm 0.14s$, SD2.51 / 42
 $55.60 S \pm 6.39km$, $26.70 W \pm 4.88km$, $h23 \pm 0.60km$
 South Sandwich Islands region (153)
 $M_s 6.0 / 3$,

GYA	135.6	111	PKP	02 26 00.8	2.3		
WMQ	137.5	78	ePKP	02 26 02.3	0.2		
GTA	141.5	92	ePKP	02 26 06.2	-3.0		
			LZ		$M_s = 5.4$	20.0	0.63
XAN	142.7	107	ePKP	02 26 08.1	-3.1		
NJ2	146.3	120	ePKP	02 26 19.5	2.1		
SSE	146.7	124	ePKP	02 26 19.8	1.8		
			PKP2	02 26 26.8	5.2		
			LN		$M_s = 5.8$	18.0	0.90
			LZ		$M_s = 5.3$	20.0	0.47
TIY	147.3	106	iPKP	02 26 21.8	2.6		
			sPKP	02 26 35.0	6.7		
			ePP	02 29 53.0	2.9		
			LN		$M_s = 6.0$	21.0	1.74
			LZ		$M_s = 5.6$	18.0	0.73
BTO	148.0	100	PKP	02 26 23.5	3.1		
TIA	148.7	113	ePKP	02 26 24.7	3.3		
HHC	149.1	101	ePKP	02 26 26.7	4.7		
BJI	151.0	107	ePKP	02 26 30.5	5.6		

FEB 9d 04h 21m $21.5 \pm 0.06s$, SD0.86 / 74
 $52.07 N \pm 2.66km$, $169.94 W \pm 1.21km$, $h32 \pm 0.52km$
 Fox Islands (9)
 $M_s 5.3 / 7$, $m_b 5.4 / 1$,

MDJ	39.8	284	eP	04 28 52.5	-1.4		
			S	04 34 54.0	-1.4		
			LZ		$M_s = 4.9$	25.0	2.09
CN2	42.8	286	+P	04 29 18.6	0.6		
			pP	04 29 27.6	0.4		
			eS	04 35 40.0	0.3		
			LZ		$M_s = 4.9$	19.0	1.50
SNY	45.0	284	-P	04 29 37.0	0.7		
BJI	50.5	287	eP	04 30 20.0	0.7		
			eS	04 37 32.0	1.7		
			LZ		$M_s = 5.0$	16.0	1.20
TIA	52.5	283	eP	04 30 33.7	-0.2		
HHC	52.7	291	P	04 30 36.6	0.8		
			LZ		$M_s = 5.0$	18.0	1.20
SSE	53.5	275	eP	04 30 41.2	-0.2		
			pP	04 30 51.0	0.3		
			sP	04 30 54.5	0.0		
			LZ		$M_s = 4.6$	20.0	0.50
BTO	53.8	292	P	04 30 43.5	-0.1		
			pP	04 30 52.5	-0.3		
			ePP	04 32 45.0	-0.2		
			S	04 38 14.0	0.6		
			LN		$M_s = 5.3$	17.0	1.00
			LE			17.0	1.20
			LZ		$M_s = 5.2$	17.0	1.90
TIY	54.3	287	eP	04 30 48.1	0.8		
			eS	04 38 28.5	7.0		
			sS	04 38 41.0	4.3		
			LE		$M_s = 5.3$	17.0	1.37
			LZ		$M_s = 5.1$	18.0	1.46
WHN	58.0	280	eP	04 31 14.0	-0.3		
			S	04 39 10.6	0.2		
			sS	04 39 32.0	5.0		
			LZ		$M_s = 4.7$	20.0	0.64
XAN	58.8	287	+P	04 31 19.6	-0.4		
GTA	60.3	297	P	04 31 29.3	-0.9		
			LE		$M_s = 5.4$	17.0	1.59
			LZ		$M_s = 5.2$	19.0	1.86
LZH	60.4	292	eP	04 31 31.5	0.8		
			PMZ		$m_b = 5.4$	1.5	0.066
			LZ		$M_s = 4.9$	16.0	0.80
WMQ	63.4	308	P	04 31 51.3	0.2		
			LZ		$M_s = 5.1$	18.0	1.15
CD2	64.1	288	eP	04 31 55.1	-0.5		
GYA	65.7	282	P	04 32 05.6	0.1		
			pP	04 32 17.2	2.4		
KMI	69.0	284	-P	04 32 27.5	0.8		
			sP	04 32 40.0	0.2		
			S	04 41 29.0	2.2		
			LZ		$M_s = 4.8$	20.0	0.60
LSA	72.3	296	P	04 32 48.2	1.5		

FEB 9d 11h 53m $01.3 \pm 0.21s$, SD4.36 / 5
 $30.17 N \pm 0.77km$, $89.77 E \pm 0.98km$, $h6 \pm 1.77km$
 Tibet (306)

LSA	1.3	111	Pg	11 53 23.6	-1.0		
			Sg	11 53 38.1	-3.5		
GYA	15.3	100	P	11 56 40.0	-0.3		

FEB 9d 13h 38m $19.2 \pm 0.08s$, SD1.34 / 81
 $23.28 N \pm 1.30km$, $123.50 E \pm 1.30km$, $h9 \pm 0.43km$
 South-east of Taiwan (247)
 $M_s 4.6 / 26$, $M_L 3.9 / 10$, $m_b 4.9 / 3$,

QZH	4.8	291	ePn	13 39 31.7	0.0		
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						35.8 314 -iP		13 45 22.0		0.8	
		SMN	$M_L = 4.0$	1.0	0.21						
		SME		0.8	0.24						
SSE	8.1 346	P	13 40 19.0	-0.3		FEB 9d 18h 58m $25.8 \pm 0.15s$, SD1.14 / 58 $41.96 S \pm 2.31km$, $87.98 E \pm 2.07km$, $h22 \pm 0.29km$ South-East Indian Ridge (435) $M_s 5.5 / 6$, $m_b 5.6 / 1$, $m_s 5.2 / 2$,					
		PMZ	$m_b = 4.9$	0.7	0.048						
		sP	13 40 32.0	5.2							
		eS	13 41 51.0	-0.3							
		SME	$M_L = 3.6$	1.0	0.018	KMI	68.1 14	+P	19 09 28.5	1.2	
		LN	$M_s = 4.4$	10.0	2.35			LN	$M_s = 5.5$	17.0	1.70
		LZ	$M_s = 4.2$	12.0	1.82			LZ	$M_s = 5.4$	23.0	2.70
GZH	9.3 271	eP	13 40 36.5	-0.8		GYA	70.2 18	P	19 09 40.2	0.1	
		eS	13 42 20.0	-3.6		CD2	74.0 14	eP	19 10 02.0	-0.2	
		LN	$M_s = 4.6$	10.0	2.71	WHN	76.1 23	eP	19 10 15.6	0.9	
		LE		8.0	1.05			S	19 19 57.0	2.0	
NJ2	9.7 336	+P	13 40 40.6	-1.0				sS	19 20 04.0	-4.9	
		LN	$M_s = 4.5$	10.0	1.95			LZ	$M_s = 5.2$	22.0	1.46
		LE		11.0	1.19	XAN	78.0 18	P	19 10 25.0	-0.4	
		LZ	$M_s = 4.4$	12.0	2.13	SSE	78.9 29	eP	19 10 32.0	2.1	
WHN	10.9 314	eP	13 40 58.5	-0.3				pP	19 10 36.5	-0.9	
		sP	13 41 11.5	5.3				eS	19 20 32.0	5.9	
		eS	13 43 03.0	1.0				sS	19 20 35.0	-3.5	
		LN	$M_s = 4.7$	9.0	0.80			LZ	$M_s = 5.1$	20.0	0.90
		LE		9.0	2.57	LZH	79.0 13	eP	19 10 30.5	-0.4	
		LZ	$M_s = 4.5$	12.0	2.42			PMZ	$m_b = 5.2$	1.5	0.044
XAN	16.7 313	+P	13 42 18.9	3.9				LZ	$M_s = 4.9$	28.0	0.90
TIY	17.2 329	eP	13 42 25.0	2.8		GTA	81.7 9	+P	19 10 45.2	0.0	
		pP	13 42 29.5	3.0				PMZ	$m_b = 5.6$	5.0	0.37
		LN	$M_s = 4.7$	11.0	1.39			S	19 21 00.0	6.0	
		LZ	$M_s = 4.5$	12.0	1.46			LE	$M_s = 5.4$	20.0	1.07
BJI	17.8 341	eP	13 42 30.0	0.6				LZ	$M_s = 5.1$	20.0	0.88
		LN	$M_s = 4.5$	10.0	0.80	KSH	81.8 351	eP	19 10 48.0	2.1	
		LZ	$M_s = 4.4$	12.0	1.00	TIY	82.4 19	eP	19 10 47.4	-1.2	
SNY	18.5 0	+iP	13 42 38.9	1.2				S	19 21 02.5	1.6	
		eS	13 46 04.0	2.6				LN	$M_s = 5.5$	16.0	1.05
		LN	$M_s = 4.4$	12.0	0.71			LZ	$M_s = 5.2$	22.0	1.17
KMI	19.0 280	-P	13 42 46.0	1.5		BTO	84.6 17	eP	19 11 00.6	0.8	
		sP	13 42 56.0	3.9				sP	19 11 05.0	-5.4	
		LE	$M_s = 4.6$	13.0	1.30			ePP	19 14 20.0	4.1	
		LZ	$M_s = 4.7$	12.0	2.20			SKS	19 21 24.0	6.4	
CD2	19.1 298	-iP	13 42 46.0	0.5				LN	$M_s = 5.7$	20.0	1.30
		eS	13 46 22.0	6.2				LE		20.0	1.60
		LN	$M_s = 5.0$	8.0	1.86			LZ	$M_s = 5.5$	20.0	1.80
		LZ	$M_s = 4.6$	8.0	1.16	HHC	85.1 18	eP	19 11 01.6	-1.1	
HHC	20.2 333	eP	13 42 57.5	0.1				eS	19 21 31.0	0.5	
		eS	13 46 33.5	-5.8				LN	$M_s = 5.6$	19.0	1.40
		LN	$M_s = 4.7$	10.0	1.00			LZ	$M_s = 5.4$	22.0	1.60
		LE		10.0	0.40	WMQ	85.4 360	eP	19 11 04.0	0.1	
		LZ	$M_s = 4.4$	22.0	1.60			SKS	19 21 25.5	2.4	
CN2	20.5 4	+iP	13 43 01.2	0.4				LZ	$M_s = 5.3$	18.0	1.15
		epP	13 43 10.0	4.2		BJI	85.5 21	eP	19 11 05.0	0.5	
		LZ	$M_s = 4.5$	12.0	1.20			eS	19 21 36.0	2.0	
BTO	20.7 330	eP	13 43 02.0	-0.4				LZ	$M_s = 5.3$	20.0	1.30
		pP	13 43 10.0	2.8		FEB 9d 19h 16m $41.8 \pm 0.09s$, SD1.41 / 28 $0.52 N \pm 1.17km$, $122.29 E \pm 1.12km$, $h105 \pm 0.65km$ Minahassa Peninsula (Celebes) (265)					
		eS	13 46 47.0	-1.8		GYA	29.9 331	P	19 22 41.8	-0.1	
		LN	$M_s = 4.7$	11.0	0.80	WHN	30.8 347	P	19 22 51.0	0.9	
		LE		11.0	0.90			pP	19 23 15.0	1.9	
		LZ	$M_s = 4.4$	11.0	0.90	CD2	35.0 332	eP	19 23 26.0	-0.1	
LZH	21.3 311	eP	13 43 09.5	0.9		BJI	39.7 353	eP	19 24 05.5	-0.4	
		PMZ	$m_b = 5.0$	2.0	0.14	GTA	43.8 335	-iP	19 24 40.0	0.4	
		LN	$M_s = 4.5$	8.0	0.40	WMQ	53.0 329	+iP	19 25 50.0	-0.4	
		LE		10.0	0.40	FEB 9d 21h 55m $51.8 \pm 0.09s$, SD0.97 / 50 $7.56 N \pm 0.80km$, $126.72 E \pm 0.87km$, $h101 \pm 0.84km$ Mindanao (259)					
		LZ	$M_s = 4.3$	15.0	0.80	QZN	20.0 306	P	22 00 19.0	0.5	
MDJ	21.9 12	eP	13 43 14.4	0.0				eS	22 03 54.5	1.8	
		pP	13 43 23.4	3.9							
		S	13 47 08.0	-2.5							
		LZ	$M_s = 4.9$	10.0	1.93						
GTA	25.7 314	+P	13 43 52.0	-0.1							
		LN	$M_s = 4.6$	10.0	0.61						
		LZ	$M_s = 4.5$	14.0	0.86						

GYA	26.8	317	P	22 01 25.0	0.5		
KMI	28.8	310	+P	22 01 44.0	1.1		
			pP	22 02 02.5	-2.2		
CD2	31.6	320	eP	22 02 07.8	0.0		
BJI	33.7	345	eP	22 02 24.5	-1.0		
SNY	34.2	356	-P	22 02 30.5	0.3		
CN2	36.1	358	eP	22 02 46.0	-0.2		
MDJ	37.0	3	eP	22 02 54.2	0.6		
GTA	39.9	327	eP	22 03 17.6	0.0		
WMQ	49.6	323	P	22 04 36.0	0.5		

FEB 9d 22h 31m 25.2±0.10s, SD2.26 / 27
38.08 N±1.06km, 106.38 E±1.02km, h9±0.14km
Northern China (323)
M_L4.0 / 17,

LZH	2.8	226	Pn	22 32 15.0	3.6		
			Pg	22 32 18.0	2.6		
			Sg	22 32 52.0	-2.3		
			SMN	M _L =4.2	0.5	1.05	
			SME		0.5	0.93	
BTO	3.8	47	Pn	22 32 25.0	0.9		
			Pg	22 32 34.8	2.9		
			Sg	22 33 23.4	-0.1		
			SMN	M _L =3.7	0.6	0.20	
			SME		0.6	0.20	
XAN	4.5	152	Pg	22 32 48.7	3.4		
			Sg	22 33 44.0	-3.0		
			SMN	M _L =3.7	0.4	0.13	
TIY	4.8	93	ePn	22 32 38.5	0.3		
			Sn	22 33 35.2	-0.8		
			SMN	M _L =4.5	1.5	0.91	
			SME		1.5	0.41	
HHC	4.9	54	Pn	22 32 40.3	1.1		
			Sn	22 33 36.8	-0.9		
			SMN	M _L =4.2	0.4	0.30	
			SME		0.4	0.30	
GTA	5.3	287	Pn	22 32 46.5	1.3		
			SMN	M _L =3.9	1.0	0.14	
			SME		1.0	0.12	
WHN	10.0	136	eP	22 33 52.0	-0.3		
GYA	11.6	179	P	22 34 11.8	-2.5		
			sP	22 34 18.6	-3.1		
			S	22 36 19.6	-4.9		

FEB 9d 22h 49m 01.5±0.17s, SD1.55 / 40
22.50 S±1.61km, 65.93 W±3.84km, h233±1.75km
Jujuy Province, Argentina (128)

KSH	143.5	53	ePKP	23 08 07.0	-2.5		
WMQ	149.6	39	iPKP	23 08 20.5	0.9		
GTA	159.2	33	PKP	23 08 33.2	0.4		
HHC	161.6	6	ePKP	23 08 36.5	1.3		
BJI	162.4	355	ePKP	23 08 36.5	0.6		
CD2	167.6	46	ePKP	23 08 41.6	1.2		
GYA	172.2	58	PKP	23 08 43.6	0.3		
			sPKP	23 10 08.0	2.0		
			PP	23 14 01.0	-0.3		

FEB 9d 23h 49m 15.1±0.12s, SD1.15 / 32
8.51 S±1.32km, 29.67 E±1.45km, h29±0.48km
Lake Tanganyika region (572)
m_b5.3 / 1,

KSH	64.2	38	eP	23 59 49.0	-1.0		
WMQ	73.9	40	P	24 00 50.1	0.2		
GYA	82.3	62	P	24 01 36.2	-0.1		
			pP	24 01 43.6	-1.3		
LZH	82.4	52	eP	24 01 38.0	1.0		
			PMZ	m _b =5.3	1.5	0.048	
BTO	88.2	49	eP	24 02 07.4	1.6		

HHC	89.4	49	eP	24 02 12.6	1.3		
BJI	92.7	50	P	24 02 24.0	-2.8		

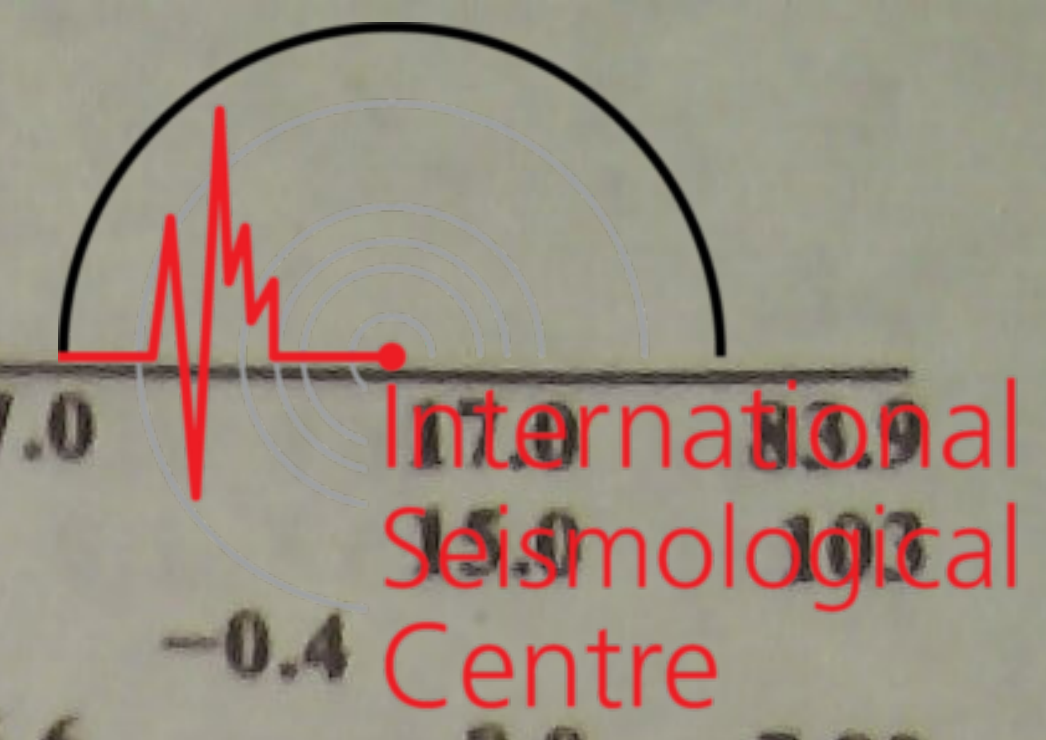
FEB 10d 00h 36m 49.0±0.12s, SD2.48 / 62
25.93 N±1.48km, 99.60 E±1.16km, h8±0.12km
Yunnan Province (318)
M_S4.7 / 20, M_L4.4 / 8, m_b4.9 / 1,

KMI	2.9	105	Pn	00 37 40.0	3.3		
			Pg	00 37 45.0	4.0		
			Sg	00 38 22.0	0.6		
			SMN	M _L =4.7	1.5	2.60	
			SME		1.5	3.00	
CD2	6.2	35	ePn	00 38 24.6	3.9		
			LN	M _S =4.9	10.0	8.60	
			LE		10.0	8.10	
GYA	6.4	84	Pn	00 38 25.8	2.3		
			Pg	00 38 45.2	3.8		
			SMN	M _L =4.1	1.0	0.11	
			SME		1.0	0.11	
			LN	M _S =4.4	7.0	2.47	
LSA	8.4	299	+P	00 38 55.0	0.9		
LZH	10.8	19	eP	00 39 28.0	1.2		
			PMZ	m _b =4.9	2.0	0.066	
XAN	11.4	43	P	00 39 33.0	-2.7		
			S	00 41 40.0	-4.1		
			LN	M _S =4.6	12.0	2.62	
QZN	11.7	124	eP	00 39 38.2	-1.2		
			eS	00 41 48.0	-3.3		
			LN	M _S =4.2	11.0	0.92	
GTA	13.4	1	P	00 40 02.2	-0.8		
			LE	M _S =4.3	9.0	0.84	
			LZ	M _S =4.1	12.0	0.85	
WHN	13.8	67	eP	00 40 06.0	-1.3		
			pP	00 40 08.0	-3.6		
			LN	M _S =4.7	8.0	1.56	
			LE		8.0	0.78	
TIY	16.0	40	+iP	00 40 40.0	3.5		
			LE	M _S =4.5	10.0	1.10	
			LZ	M _S =4.5	10.0	1.27	
BTO	17.0	28	eP	00 40 47.0	-2.1		
			pP	00 40 51.0	-2.3		
			LN	M _S =4.7	9.0	1.00	
			LE		9.0	0.80	
			LZ	M _S =4.2	9.0	0.50	
HHC	17.9	31	eP	00 40 58.1	-2.1		
			S	00 44 15.0	-1.9		
			LN	M _S =4.8	8.0	1.00	
			LE		8.0	0.70	
BJI	19.7	40	eP	00 41 22.0	-0.1		
			LN	M _S =4.6	12.0	0.90	
			LE		12.0	0.70	
WMQ	20.3	335	+iP	00 41 28.1	-0.3		
			S	00 45 14.5	4.2		
			LZ	M _S =4.2	10.0	0.50	
KSH	24.0	310	eP	00 42 05.5	0.0		

FEB 10d 08h 26m 07.4±0.20s, SD1.94 / 14
51.11 N±1.48km, 176.28 W±1.48km, h36±1.81km
Andreanof Islands (7)

HHC	49.3	288	eP	08 34 51.2	-4.3		
BTO	50.4	288	eP	08 35 04.6	0.8		
TIY	50.7	284	eP	08 35 07.4	1.0		
XAN	55.3	283	eP	08 35 39.9	-0.3		
GYA	61.9	278	P	08 36 28.0	1.3		

FEB 10d 11h 15m 23.7±0.09s, SD1.09 / 113
2.35 N±1.10km, 126.71 E±1.37km, h49±0.36km
Molucca Passage (266)



M _S 7.0 / 48, m _B 6.8 / 44, m _b 6.5 / 6,				M _B = 7.0											
QZN	23.4	316	-P	11 20 28.0	-1.3			TIY	37.6	341	-P	11 22 35.2	-0.4		
			PP	11 20 59.0	-2.0						PMZ		m _B = 6.6	8.0	7.89
			S	11 24 34.5	0.2						sP	11 22 50.0	-3.0		
			LE		M _S = 6.9	20.0	288				PP	11 24 03.0	-0.8		
QZH	23.8	341	-P	11 20 32.0	-1.1						S	11 28 18.0	-1.7		
			PMZ		m _B = 6.4	8.0	12.7				sS	11 28 36.0	-5.6		
			iS	11 24 42.0	0.2						PcS	11 28 42.0	2.4		
			SMN			16.0	119				LN		M _S = 7.4	25.0	466
			SME			16.0	101				LZ		M _S = 6.9	28.0	259
			LN		M _S = 6.6	28.0	178				P	11 22 45.0	-0.1		
GZH	24.4	329	-iP	11 20 38.0	-0.5						PMZ		m _B = 6.8	8.0	11.5
			S	11 24 52.5	1.7						ePP	11 24 18.0	0.2		
			LN		M _S = 6.8	20.0	170				eS	11 28 39.0	0.7		
			LE			14.0	100				LE		M _S = 7.1	24.0	229
			LZ		M _S = 6.5	23.0	162				+iP	11 22 52.0	1.2		
SSE	29.1	350	+iP	11 21 23.0	1.0						PMZ		m _B = 7.0	8.0	18.7
			PMZ		m _B = 6.9	8.0	17.1				pP	11 23 02.0	-1.1		
			sP	11 21 37.0	-2.3						sP	11 23 08.0	-0.5		
			iS	11 26 10.0	1.5						S	11 28 52.0	4.3		
			SS	11 27 42.0	2.8						LN		M _S = 7.2	23.5	183
			LN		M _S = 6.9	18.0	52.7				LE			21.0	134
			LE			20.0	191				LZ		M _S = 6.3	34.0	73.5
			LZ		M _S = 6.3	20.0	67.0				P	11 22 53.0	-0.4		
WHN	30.4	339	eP	11 21 33.5	-0.3						PMZ		m _B = 6.9	1.5	2.82
			PMZ		m _B = 6.6	8.0	8.02				S	11 28 45.0	-6.9		
			pP	11 21 43.0	-2.8						SMN			14.0	45.4
			S	11 26 29.0	0.4						LN		M _S = 7.5	27.0	341
			SMN		m _B = 6.9	12.0	34.4				LE			28.0	433
			LE		M _S = 6.8	16.0	105				P	11 23 02.2	0.5		
NJ2	30.5	347	+P	11 21 34.0	-0.4						PP	11 24 38.0	-0.8		
			PMZ		m _B = 6.7	9.0	11.3				PPMZ			10.0	15.9
			S	11 26 29.0	-0.7						S	11 29 00.0	-7.0		
			LN		M _S = 6.8	23.0	140				SMN		m _B = 6.8	8.0	13.0
			LE			21.0	75.3				+iP	11 23 04.5	0.6		
GYA	30.7	323	P	11 21 37.0	-0.1						PMZ		m _B = 6.7	7.0	7.70
			pP	11 21 46.2	-2.6						sP	11 23 18.5	-2.9		
			PP	11 22 42.0	4.0						PP	11 24 42.0	0.5		
			S	11 26 29.0	-5.2						S	11 29 11.5	0.5		
			SMN		m _B = 6.6	10.0	13.6				SS	11 32 06.0	-4.3		
			LN		M _S = 6.9	16.0	45.9				LN		M _S = 7.6	25.0	505
			LE			16.0	122				LE			25.0	366
			LZ		M _S = 6.3	20.0	69.5				LZ		M _S = 7.3	28.0	649
KMI	32.4	317	-P	11 21 51.5	0.2						+iP	11 23 07.0	0.5		
			PMZ		m _B = 6.9	4.0	8.00				PMZ		m _B = 7.1	5.0	16.0
			pP	11 22 00.0	-3.0						pP	11 23 17.0	-1.7		
			iS	11 26 57.0	-3.7						PcP	11 25 10.0	5.9		
			LE		M _S = 7.0	20.0	220				eS	11 29 19.0	2.2		
TIA	34.8	346	-P	11 22 12.0	-0.6						+iP	11 23 15.5	1.8		
			PMZ		m _B = 6.5	7.5	5.50				PMZ		m _B = 6.7	7.0	7.40
			pP	11 22 25.0	0.3						pP	11 23 25.0	-0.9		
			S	11 27 39.5	1.4						sP	11 23 29.5	-1.7		
			LN		M _S = 7.0	17.0	84.3				PP	11 24 56.0	1.5		
			LE			17.0	122				S	11 29 30.0	1.2		
XAN	35.6	334	P	11 22 18.1	-1.3						SME		m _B = 7.4	12.0	84.8
			PP	11 23 38.9	-0.9						LN		M _S = 7.2	23.0	224
			S	11 27 47.9	-2.4						P	11 23 24.3	0.5		
			LN		M _S = 7.3	28.0	451				S	11 29 46.0	0.1		
CD2	35.7	325	eP	11 22 20.0	-0.3						SME		m _B = 7.1	10.0	29.9
			iS	11 27 51.0	-2.0						ScS	11 33 13.0	-2.3		
			SMN		m _B = 7.3	10.0	50.7				LN		M _S = 6.8	21.0	86.7
			SME			10.0	25.0				+iP	11 23 30.5	-0.4		
			LZ		M _S = 6.7	36.0	241				PMZ		m _B = 6.5	8.0	5.76
DL2	36.7	353	+P	11 22 29.0	0.9						PP	11 25 16.0	0.7		
			PMZ		m _B = 6.6	10.0	10.7				LE		M _S = 7.4	23.0	358
			S	11 28 09.0	2.6						LZ		M _S = 7.1	32.0	358
			SMN		m _B = 7.3	12.0	44.2				+iP	11 24 44.2	-0.4		
			SME			11.0	46.2								



	PMZ	$m_b = 6.8$	6.0	7.09
	S	11 32 12.0	-0.9	
	LN	$M_s = 7.7$	21.0	298
	LE		26.0	487
KSH	59.0 316	iP	11 25 23.0	1.1
		sP	11 25 36.0	-3.5
		ePP	11 27 34.0	0.9
		iS	11 33 26.0	2.6
	SMN	$m_b = 7.2$	9.0	29.5
	LN	$M_s = 7.1$	16.0	77.7
	LZ	$M_s = 6.9$	28.0	143

FEB 10d 11h 26m $07.3 \pm 0.05s$, SD1.03 / 15
 2.20 N $\pm 0.69km$, 126.68 E $\pm 1.51km$, h33 $\pm 0.06km$
 Molucca Passage (266)

GZH	24.5 329	eP	11 31 24.5	-0.2
DL2	36.8 353	eP	11 33 15.6	1.1
TIY	37.7 341	+P	11 33 21.2	-0.7
BJI	38.9 347	eP	11 33 29.5	-2.0
SNY	39.6 356	eP	11 33 38.4	1.1

FEB 10d 11h 36m $26.3 \pm 0.09s$, SD1.10 / 59
 2.25 N $\pm 1.59km$, 126.39 E $\pm 1.77km$, h34 $\pm 0.11km$
 Molucca Passage (266)
 $m_b 5.2 / 1,$

QZN	23.2 317	eP	11 41 33.6	1.8
GZH	24.3 330	eP	11 41 41.6	-0.1
WHN	30.4 339	P	11 42 38.0	0.5
NJ2	30.5 347	eP	11 42 39.0	0.4
TIA	34.9 347	eP	11 43 17.2	0.4
XAN	35.6 335	+P	11 43 22.3	-0.7
DL2	36.7 354	eP	11 43 32.5	-0.2
TIY	37.5 342	eP	11 43 38.4	-1.2
BJI	38.7 347	eP	11 43 49.0	-0.4
SNY	39.5 357	eP	11 43 56.0	0.4
LZH	39.6 331	eP	11 43 57.0	0.2
	PMZ	$m_b = 5.2$	2.0	0.082
HHC	40.7 343	P	11 44 06.8	1.0
BTO	40.9 341	eP	11 44 08.2	0.3
CN2	41.4 359	eP	11 44 11.0	-0.3
MDJ	42.3 3	eP	11 44 19.9	1.2
GTA	44.2 330	eP	11 44 34.2	-0.2
WMQ	53.7 326	eP	11 45 50.0	2.0

FEB 10d 11h 37m $15.1 \pm 0.09s$, SD1.35 / 42
 2.51 N $\pm 2.12km$, 126.64 E $\pm 2.65km$, h32 $\pm 0.31km$
 Molucca Passage (266)
 $m_b 5.1 / 1,$

GZH	24.2 329	eP	11 42 29.8	0.0
SSE	28.9 350	P	11 43 14.5	1.0
	PMZ	$m_b = 5.1$	1.0	0.037
		pP	11 43 25.5	3.1
WHN	30.2 339	P	11 43 25.5	0.2
NJ2	30.3 347	eP	11 43 26.5	0.6
GYA	30.6 323	P	11 43 29.0	0.4
DL2	36.5 353	P	11 44 21.0	1.2
TIY	37.4 341	+P	11 44 27.3	0.0
BJI	38.5 347	eP	11 44 37.0	0.1
SNY	39.2 356	+P	11 44 43.0	0.4
HHC	40.5 342	P	11 44 52.8	-0.6
BTO	40.8 341	eP	11 44 55.0	-0.6
GTA	44.1 330	eP	11 45 22.8	0.1
WMQ	53.7 326	+iP	11 46 38.5	2.0
KSH	58.9 316	eP	11 47 15.5	1.5

FEB 10d 11h 47m $36.3 \pm 0.13s$, SD1.61 / 48
 2.42 N $\pm 1.92km$, 126.80 E $\pm 2.60km$, h36 $\pm 0.26km$
 Molucca Passage (266)

$m_b 5.3 / 1,$

QZN	23.4 316	eP	11 52 44.7	1.5
GZH	24.3 329	eP	11 52 51.8	-0.4
WHN	30.4 338	+P	11 53 47.5	0.2
TIA	34.8 346	eP	11 54 25.9	-0.2
XAN	35.6 334	+P	11 54 34.2	1.1
DL2	36.6 353	eP	11 54 42.6	1.1
TIY	37.5 341	eP	11 54 50.2	1.0
BJI	38.7 347	P	11 54 59.0	0.3
SNY	39.3 356	eP	11 55 06.0	1.8
LZH	39.7 330	eP	11 55 07.5	0.4
	PMZ	$m_b = 5.3$	2.0	0.10
CN2	41.2 359	eP	11 55 20.0	0.1
MDJ	42.1 3	eP	11 55 27.0	0.0
GTA	44.3 330	eP	11 55 45.1	0.4
WMQ	53.8 326	P	11 57 02.0	3.5

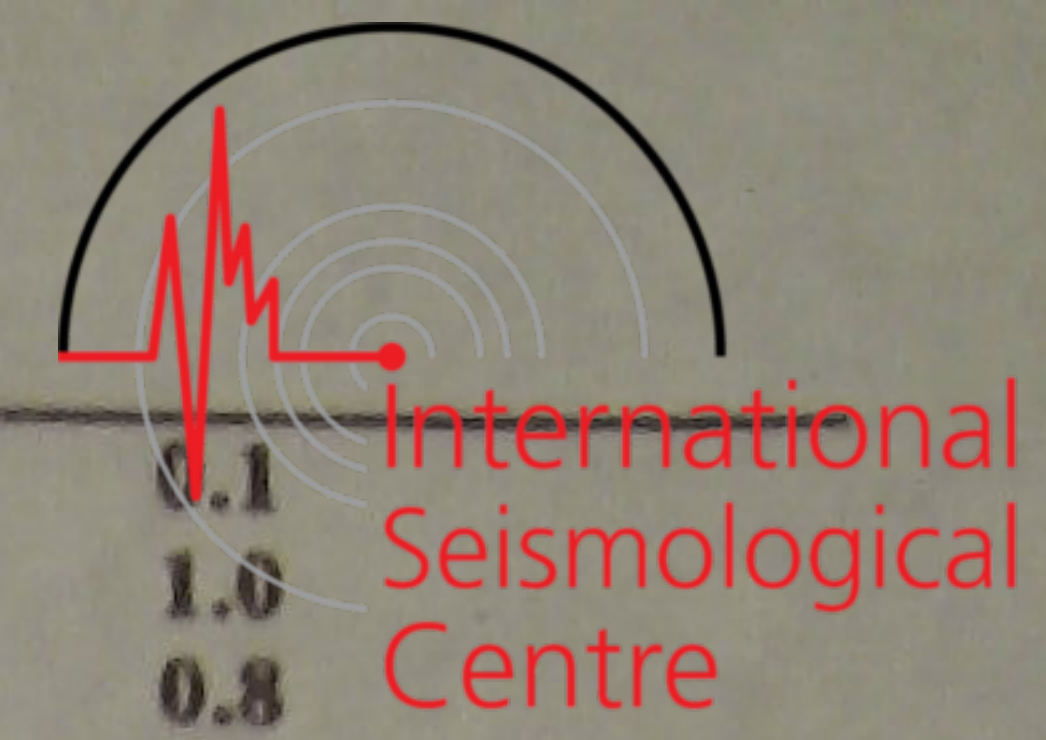
FEB 10d 11h 58m $13.5 \pm 0.08s$, SD1.31 / 23
 2.19 N $\pm 1.21km$, 126.65 E $\pm 1.98km$, h33 $\pm 0.12km$
 Molucca Passage (266)

GZH	24.5 329	eP	12 03 32.0	1.2
TIY	37.7 341	eP	12 05 29.4	1.4
BJI	38.9 347	eP	12 05 39.5	1.8
WMQ	53.9 326	eP	12 07 38.0	1.3

FEB 10d 12h 07m $43.1 \pm 0.08s$, SD1.08 / 88
 2.42 N $\pm 1.23km$, 126.71 E $\pm 1.70km$, h43 $\pm 0.34km$
 Molucca Passage (266)
 $M_s 5.5 / 5, m_b 5.5 / 6,$

QZN	23.3 316	-P	12 12 49.6	0.8
QZH	23.7 341	eP	12 12 53.5	1.1
	LN	$M_s = 5.5$	28.0	14.9
	LZ	$M_s = 5.3$	28.0	14.1
GZH	24.3 329	eP	12 12 58.0	0.1
SSE	29.0 350	P	12 13 44.0	2.7
	PMZ	$m_b = 5.2$	1.0	0.049
		sP	12 13 59.0	1.9
WHN	30.3 339	eP	12 13 53.5	0.3
NJ2	30.4 347	-P	12 13 55.0	1.2
GYA	30.7 323	P	12 13 57.0	0.4
		S	12 18 54.6	0.8
KMI	32.3 316	+P	12 14 11.0	0.2
TIA	34.8 346	-P	12 14 31.6	-0.4
XAN	35.6 334	+P	12 14 38.4	-0.4
CD2	35.7 325	eP	12 14 40.4	0.6
DL2	36.6 353	eP	12 14 48.0	0.5
TIY	37.5 341	eP	12 14 54.4	-0.6
BJI	38.7 347	eP	12 15 04.5	-0.1
SNY	39.3 356	+P	12 15 10.2	-0.1
LZH	39.6 330	eP	12 15 13.0	0.1
	PMZ	$m_b = 5.9$	1.5	0.31
HHC	40.6 342	eP	12 15 21.8	0.6
BTO	40.9 340	eP	12 15 24.8	1.4
CN2	41.2 359	eP	12 15 27.0	1.1
MDJ	42.1 3	-P	12 15 34.0	0.9
LSA	43.3 312	P	12 15 44.0	0.6
GTA	44.2 330	eP	12 15 50.0	-0.5
		PP	12 17 35.4	0.7
	LE	$M_s = 5.6$	14.0	3.05
	LZ	$M_s = 5.6$	25.0	9.17
WMQ	53.8 326	eP	12 17 03.5	-0.7
KSH	59.0 316	eP	12 17 42.0	0.5
		eS	12 25 45.0	1.6
	LN	$M_s = 5.9$	16.0	4.60

FEB 10d 12h 12m $04.6 \pm 0.07s$, SD0.86 / 84
 2.27 N $\pm 1.09km$, 126.67 E $\pm 1.28km$, h47 $\pm 0.20km$
 Molucca Passage (266)



M _s 5.4 / 3, m _b 5.6 / 7,					M _s 5.3 / 3,															
QZN	23.4	316	P	12 17 11.6	1.0					CN2	41.2	359	+P	12 24 31.4	0.1					
QZH	23.9	342	eP	12 17 15.0	0.3					MDJ	42.1	3	-iP	12 24 39.5	1.0					
GZH	24.4	329	eP	12 17 19.8	-0.2					LSA	43.2	312	P	12 24 48.9	0.8					
SSE	29.1	350	P	12 18 04.5	0.8					GTA	44.1	330	P	12 24 55.3	-0.1					
			PMZ		m _b = 5.6	1.7	0.19						LE		M _s = 5.5	13.0	2.41			
			pP	12 18 14.5	-0.8								LZ		M _s = 5.6	24.0	9.15			
WHN	30.4	339	+P	12 18 15.3	-0.1					WMQ	53.7	326	-iP	12 26 09.3	0.1					
NJ2	30.5	347	-P	12 18 17.5	1.4								S	12 33 41.0	2.6					
GYA	30.8	323	P	12 18 18.8	0.3					KSH	58.9	316	eP	12 26 48.0	1.5					
			S	12 23 15.6	-0.4								eS	12 34 53.0	4.1					
			ScS	12 28 51.4	4.8								LE		M _s = 5.7	14.0	2.50			
KMI	32.4	317	+P	12 18 32.0	-0.6					FEB 10d 12h 27m 43.7 ± 0.07s, SD0.98 / 49										
TIA	34.9	346	-P	12 18 53.7	-0.5					2.34 N ± 1.12km, 126.63 E ± 1.60km, h32 ± 0.06km										
XAN	35.7	334	-P	12 19 00.1	-0.8					Molucca Passage (266)										
DL2	36.8	353	iP	12 19 10.0	0.2					M _s 5.3 / 3,										
TIY	37.6	341	-P	12 19 16.9	-0.3					QZN	23.3	316	eP	12 32 53.2	2.8					
			PMZ		m _b = 5.4	0.8	0.050			GZH	24.3	329	eP	12 33 00.0	0.3					
			LZ		M _s = 5.7	28.0	15.6			GYA	30.7	323	eP	12 34 00.6	2.3					
BJI	38.8	347	P	12 19 27.0	0.2					CD2	35.7	325	eP	12 34 41.4	-0.3					
SNY	39.5	356	+P	12 19 33.0	0.4					TIY	37.5	341	+P	12 34 56.9	-0.2					
LZH	39.7	331	P	12 19 35.0	0.1					BJI	38.7	347	P	12 35 07.0	0.2					
			PMZ		m _b = 5.9	1.0	0.19			SNY	39.4	356	eP	12 35 12.8	0.2					
HHC	40.8	342	P	12 19 43.6	0.3					HHC	40.7	342	P	12 35 23.2	-0.1					
BTO	41.0	341	eP	12 19 46.4	0.9					CN2	41.3	359	-P	12 35 30.0	1.7					
CN2	41.4	359	P	12 19 48.0	-0.2					MDJ	42.2	3	-P	12 35 35.7	0.2					
MDJ	42.3	3	+P	12 19 56.0	0.6					GTA	44.2	330	P	12 35 52.0	-0.4					
LSA	43.4	313	P	12 20 05.3	0.3								PP	12 37 37.5	0.7					
GTA	44.3	330	P	12 20 12.0	-0.4								LE		M _s = 5.4	14.0	2.01			
			PP	12 21 57.0	0.2								LZ		M _s = 5.3	30.0	5.63			
WMQ	53.9	326	eP	12 21 25.0	-1.0					WMQ	53.8	326	P	12 37 06.0	-0.1					
KSH	59.1	316	eP	12 22 03.0	-0.1					KSH	59.0	316	eP	12 37 43.0	-0.3					
			eS	12 30 06.0	0.9					FEB 10d 12h 59m 29.8 ± 0.08s, SD1.01 / 97										
			LE		M _s = 6.0	18.0	6.00			2.41 N ± 1.06km, 126.69 E ± 1.67km, h32 ± 0.12km										
FEB 10d 12h 16m 47.7 ± 0.11s, SD1.18 / 83										Molucca Passage (266)										
2.46 N ± 1.60km, 126.59 E ± 2.30km, h32 ± 0.06km										M _s 5.4 / 14, m _b 5.9 / 2, m _b 5.7 / 7,										
Molucca Passage (266)										QZN	23.3	316	eP	13 04 36.6	0.3					
M _s 5.5 / 5, m _b 5.5 / 6,													eS	13 08 41.0	-2.3					
QZN	23.2	316	eP	12 21 54.6	1.4								LN		M _s = 5.3	15.0	3.74			
QZH	23.6	342	eP	12 21 57.9	0.7								LE			18.0	4.70			
			LN		M _s = 5.7	28.0	19.3			QZH	23.7	341	eP	13 04 40.6	0.6					
			LE			28.0	14.1						S	13 08 48.0	-1.3					
			LZ		M _s = 5.4	28.0	17.8						LN		M _s = 5.9	28.0	26.8			
GZH	24.2	329	eP	12 22 03.5	1.0								LE			28.0	23.8			
SSE	28.9	350	+P	12 22 46.5	0.1								LZ		M _s = 5.6	28.0	26.8			
			PMZ		m _b = 5.3	1.5	0.096			GZH	24.3	329	-iP	13 04 45.6	0.1					
			sP	12 23 00.5	1.1								S	13 09 06.0	7.0					
WHN	30.2	339	eP	12 22 58.0	0.0								SMN		m _b = 6.0	8.0	2.60			
			pP	12 23 09.5	2.3								SME			7.0	1.80			
			eS	12 27 59.0	4.5					SSE	29.0	350	P	13 05 30.0	0.9					
			LZ		M _s = 5.6	29.0	20.3						PMZ		m _b = 5.4	1.2	0.10			
NJ2	30.3	347	-P	12 22 59.0	0.2								sP	13 05 45.0	2.9					
GYA	30.6	323	P	12 23 02.6	1.4								S	13 10 16.0	-0.1					
			pP	12 23 13.0	2.9								SMN			15.0	1.98			
			S	12 28 00.6	1.6								sS	13 10 32.0	0.0					
KMI	32.2	317	+P	12 23 16.0	0.5								SS	13 11 44.0	-1.8					
TIA	34.7	346	eP	12 23 36.2	-0.8								LE		M _s = 5.3	19.0	4.17			
XAN	35.5	334	P	12 23 42.1	-1.6								LZ		M _s = 5.1	28.0	6.60			
CD2	35.6	325	eP	12 23 43.8	-0.8					WHN	30.3	339	-P	13 05 41.0	0.2					
DL2	36.6	353	eP	12 23 53.0	0.3								pP	13 05 50.0	0.1					
TIY	37.4	341	eP	12 24 00.0	0.0								S	13 10 36.0	-1.1					
BJI	38.6	347	eP	12 24 09.5	-0.2								LZ		M _s = 5.6	30.0	22.4			
SNY	39.3	356	eP	12 24 16.0	0.5					NJ2	30.4	347	+P	13 05 43.6	2.1					
LZH	39.5	331	P	12 24 18.5	0.8					GYA	30.7	323	P	13 05 43.8	-0.4					
			PMZ		m _b = 5.7	2.5	0.35						pP	13 05 54.0	1.0					
HHC	40.6	342	P	12 24 26.5	0.3								S	13 10 42.8	0.1					
BTO	40.8	341	eP	12 24 29.2	0.8					KMI	32.3	316	+P	13 05 58.5	0.1					

XAN	35.6	334	-P	13 06	25.4	-1.2		
CD2	35.7	325	eP	13 06	26.5	-1.0		
DL2	36.6	353	-P	13 06	36.8	1.5		
TIY	37.5	341	-P	13 06	42.4	-0.4		
			PMZ		$m_b = 5.4$		1.0	0.070
			sS	13 12	43.5	-0.9		
			LN		$M_s = 5.6$		19.0	6.44
			LZ		$M_s = 5.8$		19.0	15.9
BJI	38.7	347	eP	13 06	52.0	-0.3		
SNY	39.3	356	+iP	13 06	58.5	0.4		
LZH	39.6	330	eP	13 07	00.0	-0.6		
			PMZ		$m_b = 6.2$		1.0	0.37
HHC	40.6	342	P	13 07	09.0	0.1		
BTO	40.9	341	eP	13 07	12.0	0.9		
CN2	41.2	359	-P	13 07	14.0	0.2		
MDJ	42.1	3	+P	13 07	22.0	1.0		
			eS	13 13	39.0	0.5		
			LZ		$M_s = 5.4$		30.0	6.81
LSA	43.3	312	P	13 07	31.8	0.7		
			S	13 13	55.0	0.4		
GTA	44.2	330	+P	13 07	37.5	-0.7		
			PP	13 09	24.3	1.8		
			LE		$M_s = 5.9$		25.0	12.4
			LZ		$M_s = 5.2$		30.0	4.53
WMQ	53.8	326	eP	13 08	51.5	-0.4		
			S	13 16	23.0	1.2		
KSH	59.0	316	eP	13 09	29.5	0.2		
			eS	13 17	32.0	-0.3		
			LE		$M_s = 5.9$		24.0	7.20

FEB 10d 13h 33m $53.1 \pm 0.10s$, SD1.26 / 68
 2.24 N $\pm 1.42km$, 126.64 E $\pm 2.13km$, h34 $\pm 0.22km$
 Molucca Passage (266)
 $M_s 5.3 / 3$, $m_b 5.3 / 2$,

QZN	23.4	317	eP	13 39	00.8	0.4		
			eS	13 43	08.0	0.0		
GZH	24.4	329	eP	13 39	10.0	0.1		
WHN	30.5	339	-P	13 40	07.5	2.2		
GYA	30.8	323	P	13 40	08.4	0.1		
TIA	34.9	346	eP	13 40	47.6	3.4		
XAN	35.7	334	-P	13 40	49.6	-1.3		
CD2	35.8	325	eP	13 40	51.2	-0.5		
DL2	36.8	353	eP	13 41	01.5	1.7		
TIY	37.6	341	eP	13 41	06.9	-0.3		
BJI	38.8	347	eP	13 41	16.5	-0.3		
SNY	39.5	356	eP	13 41	23.4	0.8		
LZH	39.7	331	eP	13 41	25.0	0.2		
			PMZ		$m_b = 5.5$		1.0	0.074
CN2	41.4	359	eP	13 41	39.5	1.2		
WMQ	53.9	326	eP	13 43	15.5	-0.5		
KSH	59.1	316	eP	13 43	52.0	-1.1		
			eS	13 51	55.0	-1.6		
			LN		$M_s = 5.5$		19.0	2.00

FEB 10d 13h 41m $52.2 \pm 0.08s$, SD1.38 / 41
 2.14 N $\pm 1.25km$, 126.56 E $\pm 2.28km$, h32 $\pm 0.04km$
 Molucca Passage (266)
 $M_s 5.4 / 3$, $m_b 4.9 / 1$,

QZN	23.4	317	eP	13 47	03.6	3.7		
			eS	13 51	10.0	2.2		
WHN	30.5	339	eP	13 48	05.0	-0.2		
GYA	30.8	323	P	13 48	11.0	3.1		
DL2	36.9	354	eP	13 49	00.0	0.1		
TIY	37.7	342	eP	13 49	06.4	-0.7		
			LN		$M_s = 5.7$		27.0	9.32
			LZ		$M_s = 5.3$		25.0	5.83
BJI	38.9	347	eP	13 49	16.0	-0.8		
SNY	39.6	356	eP	13 49	23.0	0.3		

LZH	39.8	331	eP	13 49	24.5	0.0		
CN2	41.5	359	eP	13 49	40.0	1.6		
MDJ	42.4	3	eP	13 49	47.5	1.8		
			LZ		$M_s = 4.6$		25.0	1.07
GTA	44.4	330	eP	13 50	01.6	-0.4		
WMQ	53.9	326	eP	13 51	14.8	-0.8		
KSH	59.1	316	eP	13 51	53.0	0.5		

FEB 10d 14h 06m $28.9 \pm 0.07s$, SD0.94 / 99
 2.39 N $\pm 0.91km$, 126.64 E $\pm 1.68km$, h40 $\pm 0.02km$
 Molucca Passage (266)
 $M_s 5.0 / 8$, $m_b 5.3 / 1$, $m_b 5.5 / 4$,

QZN	23.3	316	eP	14 11	35.2	0.7		
QZH	23.7	342	eP	14 11	38.8	0.4		
			LN		$M_s = 5.3$		28.0	8.92
			LZ		$M_s = 5.2$		28.0	10.4
GZH	24.3	329	+iP	14 11	43.2	-0.6		
SSE	29.0	350	+P	14 12	28.8	1.3		
			PMZ		$m_b = 5.2$		1.0	0.049
			SMN		$m_b = 5.3$		10.0	0.73
			LE		$M_s = 4.7$		13.0	0.72
			LZ		$M_s = 4.6$		20.0	1.40
WHN	30.3	339	P	14 12	40.0	0.8		
NJ2	30.4	347	+P	14 12	42.0	2.1		
GYA	30.7	323	P	14 12	43.0	0.6		
			S	14 17	40.4	0.5		
KMI	32.3	317	+P	14 12	57.0	0.4		
TIA	34.8	346	eP	14 13	18.4	0.3		
XAN	35.6	334	P	14 13	23.9	-1.0		
CD2	35.7	325	-iP	14 13	25.4	-0.3		
DL2	36.6	353	eP	14 13	34.0	0.3		
TIY	37.5	341	eP	14 13	41.0	-0.1		
BJI	38.7	347	P	14 13	50.5	-0.2		
SNY	39.4	356	+P	14 13	57.0	0.5		
LZH	39.6	331	eP	14 13	58.5	-0.3		
			PMZ		$m_b = 5.7$		1.5	0.20
BTO	40.9	341	eP	14 14	09.4	-0.1		
CN2	41.2	359	eP	14 14	13.0	0.8		
MDJ	42.1	3	+P	14 14	20.0	0.5		
LSA	43.3	313	+P	14 14	29.8	0.6		
GTA	44.2	330	+P	14 14	36.0	-0.4		
			PP	14 16	21.7	1.0		
			LE		$M_s = 5.5$		23.0	3.91
			LZ		$M_s = 5.3$		28.0	5.06
WMQ	53.8	326	-iP	14 15	49.6	-0.5		
			eS	14 23	25.0	4.7		
			ScS	14 25	37.5	5.8		
			LZ		$M_s = 5.2$		28.0	2.95
KSH	59.0	316	P	14 16	27.5	0.1		
			eS	14 24	30.0	0.5		
			LN		$M_s = 5.2$		14.0	0.90

FEB 10d 15h 23m $55.7 \pm 0.08s$, SD0.99 / 100
 2.49 N $\pm 0.98km$, 126.62 E $\pm 1.60km$, h38 $\pm 0.16km$
 Molucca Passage (266)
 $M_s 5.2 / 23$, $m_b 5.8 / 9$, $m_b 5.5 / 8$,

QZN	23.2	316	+P	15 29	01.0	0.3		
			eS	15 33	08.5	2.3		
			LN		$M_s = 4.8$		15.0	1.70
QZH	23.6	342	eP	15 29	06.0	1.5		
			S	15 33	14.0	1.7		
			LN		$M_s = 5.6$		28.0	19.6
			LZ		$M_s = 5.4$		28.0	17.1
GZH	24.2	329	+iP	15 29	10.0	0.1		
			S	15 33	24.0	2.0		
			SMN		$m_b = 5.9$		8.0	2.06
			SME				8.0	1.32
			LZ		$M_s = 4.9$		32.0	6.13

GZH	26.3	48	LE	$M_s = 5.7$	13.0	9.80	WMQ	37.6	355	LE	17 06 32.7	-0.8													
			LZ	$M_s = 5.5$	13.0	9.82				-iP	17 12 22.0	3.1													
			eP	17 04 53.2	-1.0					S	17 12 34.0	-3.6													
			S	17 09 28.0	7.0					sS															
			LN	$M_s = 6.0$	14.0	17.0				LN	$M_s = 5.6$	16.0									2.90				
CD2	26.8	22	LE		14.0	10.8	BTO	37.7	22	LE			15.0	3.14											
			LZ	$M_s = 5.6$	14.0	12.1				LZ	$M_s = 5.4$	27.0	8.16												
			+iP	17 04 58.8	0.0					eP	17 06 33.9	-0.3													
			PP	17 05 39.8	-3.6					sP	17 06 45.0	-4.1													
			eS	17 09 27.0	-3.0					ePP	17 08 03.5	0.7													
QZH	31.3	51	LE	$M_s = 5.7$	15.0	10.4	HHC	38.5	24	S	17 12 20.0	0.0													
			LZ	$M_s = 5.2$	18.0	5.20				LN	$M_s = 5.8$	14.0										4.70			
			eP	17 05 39.6	0.4					LE		14.0										4.10			
			S	17 10 46.0	4.9					LZ	$M_s = 5.4$	14.0										3.90			
			LN	$M_s = 6.0$	16.0	16.6				P	17 06 40.8	-0.2													
LZH	31.5	18	LZ	$M_s = 5.5$	16.0	8.32	BJI	39.9	29	S	17 12 31.0	-1.4													
			eP	17 05 40.5	-0.8					LN	$M_s = 5.8$	13.5										3.30			
			PMZ	$m_b = 5.6$	1.2	0.12				LE		13.0										4.40			
			eS	17 10 40.0	-5.7					LZ	$M_s = 5.3$	24.0										5.60			
			LN	$M_s = 5.8$	16.0	6.20				P	17 06 53.0	0.7													
XAN	31.6	27	LE		14.0	6.20	DL2	41.9	35	eS	17 12 56.0	1.9													
			LZ	$M_s = 5.5$	18.0	9.10				LN	$M_s = 5.6$	15.0										3.30			
			iP	17 05 41.0	-1.3					LE		15.0										2.30			
			S	17 10 44.8	-1.6					LZ	$M_s = 5.1$	24.0										3.60			
			+P	17 05 44.0	0.2					+P	17 07 10.0	0.9													
WHN	31.8	38	sP	17 05 56.5	-2.2		SNY	45.0	33	S	17 13 27.0	3.5													
			S	17 10 50.5	1.2					LN	$M_s = 5.6$	14.0										1.55			
			LN	$M_s = 5.8$	13.0	5.56				LE		18.0										4.06			
			LE		14.0	6.49				LZ	$M_s = 4.9$	20.0										1.51			
			LZ	$M_s = 5.4$	20.0	7.63				+iP	17 07 34.0	-0.1													
GTA	33.7	11	-iP	17 05 59.8	-0.4		CN2	47.3	33	pP	17 07 44.0	-0.8													
			PMZ	$m_b = 5.8$	2.0	0.29				sP	17 07 48.0	-1.3													
			pP	17 06 08.0	-2.5					S	17 14 07.0	-1.4													
			sP	17 06 12.5	-2.5					LN	$M_s = 5.7$	26.0										5.95			
			S	17 11 20.0	1.6					LE		24.0										4.60			
NJ2	35.7	41	sS	17 11 34.5	-2.5		MDJ	50.1	34	LZ	$M_s = 4.9$	36.0	2.75												
			LE	$M_s = 5.4$	15.0	3.22				+P	17 07 52.5	-0.2													
			LZ	$M_s = 5.1$	18.0	3.32				pP	17 08 02.5	-0.9													
			eP	17 06 18.0	1.0					S	17 14 42.0	0.2													
			S	17 11 52.0	2.9					SMN	$m_b = 6.4$	8.0	4.00												
KSH	36.2	338	LN	$M_s = 5.9$	15.0	6.45	SSE	36.6	44	LZ	$M_s = 5.7$	22.0	9.00												
			LE		15.0	6.49				+P	17 08 15.0	0.6													
			P	17 06 21.5	-0.6					S	17 15 28.0	7.0													
			S	17 11 59.0	1.1					LE	$M_s = 5.5$	16.0	2.28												
			LE	$M_s = 5.8$	16.0	8.60				LZ	$M_s = 5.2$	20.0	2.65												
TIY	36.3	27	LZ	$M_s = 5.4$	22.0	7.10	TIA	37.5	34																
			+P	17 06 21.8	-0.4																	+P	17 06 32.9	0.5	
			pP	17 06 34.5	1.9																	pP	17 06 44.0	1.1	
			sP	17 06 40.5	3.4																	S	17 12 17.5	0.4	
			S	17 11 59.0	0.7																	SMN	$m_b = 5.8$	8.0	0.93
SSE	36.6	44	sS	17 12 14.0	-3.0		HHC	24.9	250																
			LN	$M_s = 5.8$	14.0	7.66																eP	17 52 59.2	-0.1	
			LZ	$M_s = 5.7$	15.0	9.59																LE		7.0	0.90
			+P	17 06 26.3	1.1																	LZ	$M_s = 4.6$	12.0	1.30
			pP	17 06 37.0	1.3																	eP	17 52 26.7	4.2	
TIA	37.5	34	ePP	17 07 52.0	2.0		TIA	25.4	235																
			S	17 12 03.0	-1.1																	+P	17 53 04.5	0.0	
			sS	17 12 22.0	-0.7																	eP	17 53 10.5	1.5	
			eSS	17 14 38.0	5.7																				
			LN	$M_s = 5.8$	14.0	6.10																			
TIA	37.5	34	LE		14.0	3.50	BTO	25.9	252																
			LZ	$M_s = 5.1$	18.0	2.72																eP			
			+P	17 06 32.9	0.5																				
			pP	17 06 44.0	1.1																				
			S	17 12 17.5	0.4																				

FEB 10d 17h 47m $38.0 \pm 0.15s$, SD1.67 / 54
 54.27 N $\pm 2.55km$, 143.00 E $\pm 3.58km$, h34 $\pm 0.67km$
 Sakhalin (662)
 $M_s 5.1 / 12$,



		sP	17 53 21.0	-1.1					LN	$M_s = 5.0$	28.0	1.69
		eS	17 57 35.0	0.3					LE		25.0	1.17
		LN			$M_s = 5.6$	15.0	6.30		LZ	$M_s = 4.8$	28.0	1.91
		LE				15.0	4.30	LZH	39.6 330	P	20 04 24.0	0.4
TIY	26.6 244	eP	17 53 16.2	0.3					PMZ	$m_b = 5.7$		1.5 0.18
		LN			$M_s = 5.1$	11.0	2.03	HHC	40.6 342	eP	20 04 32.0	0.0
		LZ			$M_s = 5.0$	10.0	1.90	BTO	40.8 341	eP	20 04 35.0	0.8
WHN	31.4 233	eP	17 53 57.5	-0.9					sP		20 04 49.0	1.6
GTA	32.5 261	eP	17 54 06.8	-1.5					eS		20 10 45.0	1.5
		LE			$M_s = 5.4$	12.5	2.95		LN	$M_s = 5.6$		30.0 6.30
		LZ			$M_s = 4.9$	12.0	1.34		LE			30.0 3.60
CD2	36.4 246	eP	17 54 40.5	-1.5					LZ	$M_s = 5.3$		30.0 6.90
		LN			$M_s = 5.1$	13.0	1.40	CN2	41.2 359	eP	20 04 37.0	0.1
		LZ			$M_s = 4.9$	12.0	1.10		pP		20 04 47.0	0.8
WMQ	36.8 277	eP	17 54 46.5	1.3				MDJ	42.1 3	+P	20 04 44.5	0.4
		S	18 00 23.0	-3.0					LZ	$M_s = 4.8$		30.0 2.09
		LZ			$M_s = 4.8$	16.0	1.33	LSA	43.2 312	+P	20 04 54.8	0.7
GYA	38.5 239	P	17 55 02.4	3.0				GTA	44.2 330	P	20 05 01.0	-0.3
KSH	46.4 280	eP	17 56 05.0	1.5					PP		20 06 47.0	1.5
<p>FEB 10d 19h 56m $53.3 \pm 0.07s$, SD1.02 / 101 2.45 N \pm 1.07km, 126.65 E \pm 1.72km, h33 \pm 0.10km Molucca Passage (266) $M_s 5.0 / 14$, $m_b 5.6 / 1$, $m_b 5.4 / 5$,</p>												
QZN	23.3 316	eP	20 02 00.6	1.3					LE	$M_s = 4.8$		18.0 1.90
		eS	20 06 06.5	0.6					LE	$M_s = 5.4$		28.0 4.02
QZH	23.7 342	eP	20 02 03.8	0.7				WMQ	53.7 326	P	20 06 14.0	-1.0
		S *	20 06 12.0	0.1					eS		20 13 43.0	-2.8
		LN			$M_s = 5.2$	28.0	6.69		LZ	$M_s = 5.0$		24.0 1.50
		LZ			$M_s = 5.0$	28.0	6.69	KSH	58.9 316	P	20 06 53.0	0.6
GZH	24.2 329	+iP	20 02 08.7	0.2					eS		20 14 55.0	-0.1
		S	20 06 21.2	-0.4				<p>FEB 10d 20h 29m $42.5 \pm 0.08s$, SD1.02 / 100 2.38 N \pm 1.07km, 126.62 E \pm 1.80km, h33 \pm 0.05km Molucca Passage (266) $M_s 5.2 / 19$, $m_b 5.6 / 4$, $m_b 5.5 / 2$,</p>				
		SMN			$m_b = 5.6$	8.0	1.08	QZN	23.3 316	eP	20 34 49.0	0.2
		SME				8.0	1.05		S		20 38 55.5	0.7
SSE	29.0 350	eP	20 02 54.0	1.9					LE	$M_s = 4.9$		17.0 2.40
		PMZ			$m_b = 4.6$	0.9	0.011	QZH	23.7 342	eP	20 34 54.0	1.2
		sP	20 03 07.0	1.7					S		20 39 00.0	-2.1
		eS	20 07 36.0	-3.6					LN	$M_s = 5.5$		28.0 11.1
		SME				16.0	1.06		LE			28.0 8.92
		sS	20 07 57.0	2.2				GZH	24.3 329	+iP	20 34 58.0	-0.1
		LE			$M_s = 4.7$	18.0	1.10		S		20 39 11.0	-0.5
		LZ			$M_s = 4.3$	20.0	0.75		SMN	$m_b = 5.8$		8.0 2.06
WHN	30.3 339	-P	20 03 04.3	0.4					SME			8.0 1.32
		LZ			$M_s = 5.0$	29.0	4.69		LZ	$M_s = 4.7$		30.0 3.68
NJ2	30.3 347	-P	20 03 06.0	1.5				SSE	29.0 350	eP	20 35 43.0	1.1
GYA	30.6 323	P	20 03 07.8	0.6					sP		20 35 57.0	2.0
KMI	32.2 316	+P	20 03 22.0	0.5					S		20 40 27.0	-2.1
		pP	20 03 30.0	-0.3					SMN	$m_b = 5.3$		12.0 0.80
		S	20 08 33.0	2.5					sS		20 40 48.0	3.0
		LZ			$M_s = 5.6$	13.0	8.10		LE	$M_s = 4.8$		18.0 1.40
TIA	34.7 346	+P	20 03 42.6	-0.2				WHN	30.3 339	-P	20 35 55.0	1.4
XAN	35.5 334	P	20 03 48.2	-1.4					pP		20 36 05.0	2.3
CD2	35.6 325	eP	20 03 50.2	-0.4					eS		20 40 52.0	1.4
		LZ			$M_s = 4.5$	34.0	1.30		LZ	$M_s = 5.2$		30.0 7.47
DL2	36.6 353	P	20 03 59.0	0.6				NJ2	30.4 347	eP	20 35 55.5	1.2
		S	20 09 36.0	-1.7					eS		20 40 50.0	-1.9
		LZ			$M_s = 4.3$	30.0	0.74		LN	$M_s = 4.9$		15.0 1.21
TIY	37.4 341	+P	20 04 05.7	-0.1				GYA	30.7 323	P	20 35 56.4	-0.3
		S	20 09 50.0	-1.0				KMI	32.3 317	+P	20 36 11.5	0.6
		LN			$M_s = 4.5$	28.0	0.67		pP		20 36 21.0	1.3
		LZ			$M_s = 5.1$	29.0	4.90	TIA	34.8 346	eP	20 36 33.2	0.7
BJI	38.6 347	P	20 04 15.5	0.1				XAN	35.6 334	P	20 36 37.8	-1.4
		eS	20 10 10.0	0.4				CD2	35.7 325	eP	20 36 39.9	-0.2
		LZ			$M_s = 4.8$	26.0	1.80		eS		20 42 08.6	-5.4
SNY	39.3 356	+P	20 04 20.0	-1.2					LZ	$M_s = 4.7$		30.0 1.80
		sP	20 04 35.0	0.5				DL2	36.6 353	eP	20 36 48.4	0.2
		S	20 10 13.0	-6.1					S		20 42 27.5	-0.4

		LN		$M_s = 5.1$	15.0	1.62	BJI	38.7	347	P	21 47 08.0	-0.2		
		LZ		$M_s = 4.7$	28.0	1.91	SNY	39.4	357	eP	21 47 14.6	0.5		
TIY	37.5	341	eP	20 36 55.0	-0.5		LZH	39.6	331	P	21 47 16.5	0.5		
		LN		$M_s = 4.6$	28.0	0.87				PMZ	$m_b = 5.5$	1.0	0.074	
		LZ		$M_s = 5.4$	28.0	7.77	CN2	41.3	359	eP	21 47 30.0	0.2		
BJI	38.7	347	P	20 37 05.0	-0.1		MDJ	42.2	3	eP	21 47 37.0	-0.1		
		eS		20 43 00.0	0.3		LSA	43.2	313	+P	21 47 47.0	0.8		
		LZ		$M_s = 5.0$	26.0	3.00	GTA	44.2	330	P	21 47 53.6	0.0		
SNY	39.4	356	eP	20 37 11.4	0.4		WMQ	53.7	326	eP	21 49 06.5	-0.8		
		sP		20 37 25.0	0.8		KSH	58.9	316	eP	21 49 46.0	1.5		
		S		20 43 10.0	0.6									
		LN		$M_s = 5.3$	28.0	3.53	FEB 10d 22h 30m $15.9 \pm 0.06s$, SD1.15 / 42							
		LE			25.0	2.35	2.40 N $\pm 0.94km$, 126.62 E $\pm 1.63km$, h33 $\pm 0.05km$							
		LZ		$M_s = 5.1$	30.0	3.93	Molucca Passage (266)							
LZH	39.6	331	eP	20 37 13.5	0.3		GYA	30.7	323	eP	22 36 33.0	3.0		
		PMZ		$m_b = 5.6$	2.5	0.24	CD2	35.7	325	eP	22 37 12.4	-0.9		
		LN		$M_s = 5.3$	22.0	2.60	DL2	36.6	353	eP	22 37 21.6	0.2		
		LE			17.0	1.30	TIY	37.5	341	eP	22 37 27.9	-0.8		
		LZ		$M_s = 5.4$	30.0	8.60				LZ	$M_s = 4.4$	32.0	0.99	
HHC	40.6	342	eP	20 37 21.6	-0.1		BJI	38.6	347	P	22 37 38.5	0.1		
BTO	40.9	341	eP	20 37 25.2	1.3		LZH	39.6	331	eP	22 37 46.5	0.1		
		sP		20 37 39.0	2.0		CN2	41.2	359	eP	22 38 02.0	2.1		
		ePP		20 39 02.0	0.6		MDJ	42.1	3	eP	22 38 07.5	0.4		
		eS		20 43 36.0	2.5		GTA	44.2	330	P	22 38 23.6	-0.4		
		LN		$M_s = 5.6$	25.0	4.90	FEB 11d 01h 35m $29.9 \pm 0.09s$, SD1.20 / 91							
		LE			28.0	5.00	2.43 N $\pm 1.27km$, 126.62 E $\pm 1.68km$, h59 $\pm 0.57km$							
		LZ		$M_s = 5.5$	25.0	7.50	Molucca Passage (266)							
CN2	41.3	359	eP	20 37 28.0	1.3		$M_s 4.8 / 6, m_b 5.2 / 6,$							
		PMZ		$m_b = 5.4$	5.0	0.30	QZN	23.3	316	eP	01 40 31.0	-2.3		
		pP		20 37 38.0	2.1					eS	01 44 37.0	-0.1		
		eS		20 43 34.0	-4.6		QZH	23.7	342	eP	01 40 37.0	-0.2		
		LZ		$M_s = 5.1$	28.0	3.50				LN	$M_s = 4.7$	28.0	2.23	
MDJ	42.1	3	+P	20 37 34.0	0.1					LZ	$M_s = 4.5$	28.0	2.23	
		pP		20 37 40.0	-3.1		GZH	24.2	329	eP	01 40 42.5	0.0		
		sP		20 37 52.0	4.9		SSE	29.0	350	eP	01 41 27.0	0.8		
		S		20 43 52.5	1.9					PMZ	$m_b = 4.9$	1.0	0.022	
		LZ		$M_s = 5.1$	30.0	4.19				sP	01 41 42.0	-4.6		
LSA	43.3	313	P	20 37 44.0	0.5					eS	01 46 12.0	1.0		
GTA	44.2	330	P	20 37 50.2	-0.6					sS	01 46 32.0	-3.4		
		eS		20 44 18.0	-3.9					LZ	$M_s = 4.1$	24.0	0.50	
		ScS		20 47 46.2	2.8		WHN	30.3	339	eP	01 41 39.0	1.1		
		LE		$M_s = 5.5$	24.0	4.82				sP	01 41 57.0	-1.3		
		LZ		$M_s = 5.4$	28.0	6.70	NJ2	30.4	347	eP	01 41 41.0	2.4		
WMQ	53.8	326	+iP	20 39 04.2	-0.3					LZ	$M_s = 4.4$	24.0	0.98	
		S		20 46 32.6	-1.7		GYA	30.6	323	P	01 41 41.4	0.3		
		ScS		20 48 48.5	1.4		KMI	32.2	317	+P	01 41 55.0	-0.3		
		LZ		$M_s = 5.2$	28.0	2.87				pP	01 42 10.0	1.1		
KSH	59.0	316	P	20 39 42.0	0.2					sP	01 42 18.0	2.6		
		eS		20 47 44.0	-0.7					S	01 47 05.0	3.4		
		LN		$M_s = 5.3$	16.0	1.20				LZ	$M_s = 4.5$	26.0	1.40	
FEB 10d 21h 39m $45.4 \pm 0.10s$, SD1.15 / 73							TIA	34.7	346	eP	01 42 16.5	-0.3		
2.35 N $\pm 1.35km$, 126.55 E $\pm 2.05km$, h33 $\pm 0.01km$							XAN	35.5	334	+P	01 42 22.1	-1.4		
Molucca Passage (266)							CD2	35.6	325	eP	01 42 23.4	-1.0		
$m_b 5.2 / 2,$							DL2	36.6	353	eP	01 42 35.4	3.0		
QZN	23.3	317	+P	21 44 53.3	1.9		TIY	37.4	341	+P	01 42 39.4	-0.3		
GZH	24.3	329	-iP	21 45 01.5	0.6					S	01 48 23.0	0.8		
SSE	29.0	350	eP	21 45 46.5	1.5					LN	$M_s = 5.3$	28.0	4.64	
		PMZ		$m_b = 4.9$	1.5	0.032				LZ	$M_s = 4.8$	30.0	2.20	
		pP		21 45 55.0	1.0		BJI	38.6	347	P	01 42 49.5	0.2		
WHN	30.3	339	P	21 45 57.0	0.5					eS	01 48 40.0	-0.8		
NJ2	30.4	347	+P	21 45 58.5	1.2					ePcS	01 48 49.0	0.7		
GYA	30.6	323	P	21 46 00.4	0.9					LZ	$M_s = 4.3$	28.0	0.70	
XAN	35.6	334	P	21 46 40.8	-1.3		SNY	39.3	356	eP	01 42 55.6	0.4		
CD2	35.7	325	eP	21 46 42.2	-0.7					sP	01 43 17.7	1.8		
DL2	36.7	354	P	21 46 52.2	0.9					S	01 48 54.0	3.5		
TIY	37.5	341	-P	21 46 58.2	-0.3					LN	$M_s = 4.7$	31.0	0.91	
		LZ		$M_s = 4.5$	32.0	1.15				LE		33.0	0.63	



New Britain region				(192)
MDJ	54.4	339	eP	02 43 03.8 0.5
CN2	55.3	336	P	02 43 10.0 0.3
BJI	56.9	326	eP	02 43 20.0 -1.1
TIY	57.5	322	-P	02 43 25.7 0.1
CD2	59.7	311	eP	02 43 41.1 0.6
LZH	62.2	316	eP	02 43 59.0 1.2
GTA	66.7	317	P	02 44 27.0 0.5
WMQ	76.7	317	eP	02 45 28.0 1.2

Molucca Passage				(266)
FEB 11d 04h 05m 20.7 ± 0.12s, SD1.52 / 93 2.54 N ± 1.50km, 126.76 E ± 2.34km, h34 ± 0.12km				
M _s 4.8 / 5, m _b 5.3 / 2,				
QZN	23.3	316	eP	04 10 26.6 -0.1
QZH	23.6	341	eP	04 10 30.1 0.3
			LN	M _s =4.8 28.0 2.97
			LZ	M _s =4.6 28.0 2.97
GZH	24.2	329	eP	04 10 35.0 -0.6
SSE	28.9	350	eP	04 11 14.5 -4.3
			sP	04 11 31.0 -1.1
			sS	04 16 21.0 -0.1
			SS	04 17 32.0 -1.8
			LE	M _s =4.4 12.0 0.40
			LZ	M _s =4.1 20.0 0.50
WHN	30.2	338	eP	04 11 32.2 1.4
NJ2	30.3	347	eP	04 11 32.5 1.2
GYA	30.6	323	P	04 11 38.0 3.6
			PcP	04 14 33.0 1.3
KMI	32.2	316	+P	04 11 49.0 0.1
			pP	04 12 01.5 3.7
			S	04 17 00.0 2.1
			LZ	M _s =4.9 26.0 3.25
TIA	34.7	346	eP	04 12 10.4 0.9
XAN	35.5	334	P	04 12 14.7 -1.9
CD2	35.6	325	eP	04 12 17.0 -0.7
DL2	36.5	353	eP	04 12 27.2 2.2
TIY	37.4	341	eP	04 12 32.0 -0.7
			sS	04 18 37.0 3.1
			LN	M _s =4.9 21.0 1.45
			LZ	M _s =4.6 36.0 1.79
BJI	38.5	347	P	04 12 43.0 0.8
			LZ	M _s =4.3 27.0 0.70
SNY	39.2	356	+P	04 12 49.0 1.2
			pP	04 13 00.8 3.6
			eS	04 18 48.0 2.0
			LN	M _s =4.6 31.0 0.91
LZH	39.5	330	eP	04 12 50.0 -0.7
			PMZ	m _b =5.2 1.5 0.066
			LZ	M _s =4.9 24.0 2.00
HHC	40.5	342	eP	04 12 59.0 0.1
BTO	40.8	340	eP	04 13 02.2 1.1
CN2	41.1	359	P	04 13 03.0 -0.5
MDJ	42.0	3	eP	04 13 11.2 0.6
LSA	43.3	312	P	04 13 22.0 0.4
GTA	44.1	330	eP	04 13 27.5 -0.9
			PP	04 15 14.0 1.5
			LE	M _s =5.1 20.0 1.49
			LZ	M _s =4.9 24.0 1.70
WMQ	53.7	326	P	04 14 41.5 -0.7
			ScS	04 24 25.5 0.9
			LZ	M _s =4.8 26.0 1.10
KSH	58.9	316	eP	04 15 19.0 -0.8

FEB 11d 05h 50m 28.0 ± 0.18s, SD3.05 / 11
32.96 N ± 0.95km, 103.89 E ± 0.72km, h2 ± 1.23km
Sichuan Province (307)
M_L3.4 / 4,

CD2	2.0	183	ePg	05 51 05.8 1.6
			Sg	05 51 34.7 2.7
			SMN	M _L =3.2 1.4 0.26
			SME	1.2 0.11
XAN	4.3	74	Pg	05 51 44.6 -0.1
			Sg	05 52 40.6 -3.2
			SMN	M _L =3.5 1.0 0.080
GYA	6.9	159	ePn	05 52 12.4 1.8

Northern Xinjiang Province				(332)
FEB 11d 11h 16m 10.9 ± 0.07s, SD2.92 / 9 48.27 N ± 0.66km, 90.63 E ± 0.67km, h25 ± 1.08km				
M _L 4.3 / 6,				
WMQ	4.9	206	Pn	11 17 26.6 3.0
			Sg	11 18 42.4 -2.0
			SMN	M _L =4.2 0.6 0.26
			SME	0.6 0.34
GTA	11.1	140	eP	11 18 51.0 0.0
			SMN	1.2 0.026
			SME	1.2 0.024

Off west coast of Northern Sumatera				(705)
FEB 11d 11h 56m 19.4 ± 0.11s, SD1.17 / 29 4.79 N ± 1.63km, 95.42 E ± 1.43km, h33 ± 0.10km				
m _b 4.4 / 1,				
GYA	24.1	25	P	12 01 35.2 2.0
CD2	27.1	16	eP	12 02 01.5 -0.5
XAN	31.7	22	iP	12 02 41.8 -0.8
GTA	34.7	6	P	12 03 08.0 -0.7
BTO	38.0	18	eP	12 03 36.6 0.0
HHC	38.7	20	-P	12 03 44.1 1.5
WMQ	39.5	351	P	12 03 49.0 0.3
BJI	39.8	25	P	12 03 53.0 1.8
CN2	47.0	30	P	12 04 49.4 -0.4

Tadzhikistan				(715)
FEB 11d 11h 58m 06.1 ± 0.36s, SD3.25 / 7 37.93 N ± 2.21km, 73.00 E ± 3.36km, h20 ± km				
M _L 4.2 / 2,				
KSH	2.8	54	iPg	11 58 56.7 1.2
			iSn	11 59 25.0 0.1
			SMN	M _L =4.4 0.4 2.00
			SME	0.4 1.60

Vanuatu (New Hebrides)				(186)
FEB 11d 15h 44m 24.6 ± 0.14s, SD0.71 / 81 15.72 S ± 1.00km, 167.75 E ± 1.54km, h146 ± 0.87km				
m _b 5.4 / 8,				
QZH	62.7	309	eP	15 54 36.0 -0.6
SSE	64.5	316	-iP	15 54 47.8 -1.0
			PMZ	m _b =5.4 1.0 0.059
NJ2	66.7	316	+P	15 55 02.6 0.1
WHN	68.9	312	P	15 55 16.5 0.1
			PMZ	m _b =5.3 1.2 0.070
			pP	15 55 55.5 4.3
DL2	69.4	323	P	15 55 19.1 0.1
MDJ	69.4	332	-P	15 55 19.2 0.2
SNY	70.3	326	-iP	15 55 24.0 -0.6
TIA	70.4	318	-P	15 55 24.8 -0.4
CN2	70.7	329	-iP	15 55 27.0 -0.3
			PMZ	3.0 0.20
			pP	15 56 06.0 3.9
			S	16 04 32.0 4.6
GYA	72.7	305	-P	15 55 38.8 0.0
BJI	73.3	321	-iP	15 55 43.0 0.4
TIY	74.3	317	-iP	15 55 48.9 0.5
			PMZ	m _b =5.4 1.0 0.070
XAN	74.7	313	iP	15 55 50.6 0.0



KMI	75.2	302	-P	15 55 55.0	1.3
HHC	76.6	320	-P	15 56 02.2	0.6
CD2	77.0	308	eP	15 56 04.1	0.6
BTO	77.5	319	eP	15 56 06.6	0.4
GTA	83.7	314	-iP	15 56 40.3	1.2
			pP	15 57 19.6	4.8
WMQ	93.7	314	-iP	15 57 26.9	0.1
			PP	16 01 13.0	-2.8

FEB 11d 17h 22m 28.8 ± 0.28s, SD3.68 / 10
37.48 N ± 2.72km, 83.31 E ± 1.23km, h8 ± 0.10km
Southern Xinjiang Province (321)
M_L3.9 / 7,

KSH	6.1	292	ePn	17 24 00.8	0.5
			Sn	17 25 18.0	5.2
			SMN	M _L =4.5	0.7 0.30
			SME		1.0 0.40
WMQ	7.2	26	ePn	17 24 18.5	4.4
			SMN	M _L =3.9	0.7 0.040
			SME		0.7 0.050
GTA	13.1	76	eP	17 25 40.0	1.9
			SMN		1.2 0.0090
			SME		1.2 0.0070

FEB 11d 17h 45m 04.7 ± 0.18s, SD3.09 / 11
36.90 N ± 1.94km, 83.52 E ± 0.91km, h11 ± 0.05km
Southern Xinjiang Province (321)
M_L3.9 / 7,

KSH	6.5	296	Pn	17 46 43.5	2.2
			Sn	17 48 01.2	3.3
			SMN	M _L =4.6	0.5 0.30
			SME		0.6 0.30
WMQ	7.6	24	ePn	17 47 00.2	4.2
			SMN	M _L =3.7	0.7 0.020
			SME		0.7 0.030
GTA	13.1	74	eP	17 48 13.7	0.3
			SMN		1.0 0.0050
			SME		1.0 0.0030

FEB 11d 18h 31m 11.3 ± 0.15s, SD1.88 / 31
3.06 S ± 1.70km, 145.44 E ± 2.24km, h30 ± 0.36km
Near north coast of New Guinea (200)

SSE	41.1	328	eP	18 38 58.0	3.7
			LZ	M _S =4.3	20.0 0.47
WHN	44.7	321	eP	18 39 27.0	3.3
XAN	50.4	320	eP	18 40 07.4	-1.4
BJI	50.6	331	P	18 40 10.0	0.2
TIY	50.8	326	eP	18 40 15.5	3.9
			LZ	M _S =4.4	22.0 0.39
CD2	52.1	314	eP	18 40 20.8	-0.7
HHC	53.5	328	eP	18 40 31.2	-0.8
BTO	54.2	327	eP	18 40 37.2	0.4
GTA	59.5	320	eP	18 41 14.4	-0.3
WMQ	69.5	319	eP	18 42 19.4	-0.6

FEB 11d 20h 09m 39.9 ± 0.12s, SD2.96 / 9
36.84 N ± 1.30km, 83.65 E ± 0.63km, h9 ± 0.04km
Southern Xinjiang Province (321)
M_L4.2 / 7,

KSH	6.7	296	ePn	20 11 20.0	1.7
			Sn	20 12 37.5	1.2
			SMN	M _L =4.8	1.0 0.70
			SME		0.5 0.30
WMQ	7.6	23	ePn	20 11 36.4	4.8
			SMN	M _L =3.9	0.7 0.030
			SME		0.7 0.050
GTA	13.0	74	eP	20 12 48.3	0.6
			SMN		1.4 0.017

SME					
FEB 12d 04h 15m 06.0 ± 0.06s, SD1.00 / 108					
49.96 N ± 0.97km, 78.69 E ± 0.93km, h0 ± 0.16km					
Eastern Kazakhstan (329)					
M _S 5.0 / 17, M _L 5.4 / 2, m _b 5.7 / 14,					
KSH	10.6	192	eP	04 17 43.0	0.1
			eS	04 19 48.0	3.9
			LN	M _S =5.2	8.0 8.00
GTA	18.3	117	-iP	04 19 22.4	-0.8
			pP	04 19 24.0	-2.4
			LE	M _S =4.8	7.0 1.14
			LZ	M _S =4.7	6.5 1.27
LSA	22.3	150	+P	04 20 08.9	1.3
LZH	22.9	118	iP	04 20 13.5	0.7
			PMZ	m _b =5.9	1.0 0.47
			LN	M _S =4.8	10.0 0.90
			LE		10.0 0.80
			LZ	M _S =4.4	16.0 1.00
BTO	23.8	101	P	04 20 23.0	1.4
			LN	M _S =5.1	10.0 1.30
			LE		10.0 1.90
			LZ	M _S =4.9	10.0 2.00
HHC	24.6	99	P	04 20 30.9	1.1
			LN	M _S =5.4	10.0 2.20
			LE		10.0 3.50
			LZ	M _S =5.6	11.0 9.30
CD2	26.7	126	+iP	04 20 50.3	0.9
TIY	27.0	104	+iP	04 20 52.4	0.5
			PMZ	m _b =5.4	0.7 0.060
			S	04 25 24.0	-4.0
			LN	M _S =5.0	10.5 1.29
			LZ	M _S =4.9	12.0 1.93
XAN	27.3	114	iP	04 20 54.4	0.0
			PMZ	m _b =5.9	1.0 0.23
BJI	28.0	96	+P	04 21 01.5	0.4
			ePcP	04 24 16.0	0.2
			LN	M _S =5.2	11.0 1.10
			LE		10.0 1.50
			LZ	M _S =5.0	13.0 2.40
TIA	30.9	102	P	04 21 27.1	0.4
GYA	31.8	127	+P	04 21 35.0	-0.1
			PcP	04 24 25.4	-0.2
			S	04 26 45.6	0.9
SNY	31.9	87	-iP	04 21 34.6	-0.7
CN2	32.1	83	+iP	04 21 36.8	-0.7
			PcP	04 24 25.0	-1.4
			LZ	M _S =4.9	20.0 2.40
DL2	32.2	93	eP	04 21 38.3	0.3
WHN	33.0	113	+iP	04 21 45.0	-0.1
			PMZ	m _b =6.1	0.7 0.22
			PcP	04 24 28.5	-0.2
			LN	M _S =4.9	10.0 0.62
			LE		8.0 0.43
			LZ	M _S =4.8	14.0 1.19
MDJ	34.4	79	+iP	04 21 56.5	-0.7
			PcP	04 24 32.3	-0.4
			S	04 27 24.5	0.1
			LZ	M _S =5.0	10.0 1.53
NJ2	34.7	106	eP	04 22 00.0	0.2
			PcP	04 24 33.5	0.0
			LN	M _S =4.8	10.0 0.43
			LE		10.0 0.41
			LZ	M _S =4.6	12.0 0.73
SSE	36.8	105	-P	04 22 17.8	0.2
			PMZ	m _b =5.5	1.0 0.091
			ePP	04 23 45.0	2.8
			LN	M _S =4.9	10.0 0.40

		LE		10.0	0.40
		LZ	$M_s=4.5$	14.0	0.50
GZH	38.1 122	+iP	04 22 28.0	-0.7	
QZN	39.6 130	eP	04 22 42.0	0.6	
QZH	39.6 114	eP	04 22 40.8	-0.8	

FEB 12d 05h 57m $04.9 \pm 0.06s$, SD1.00 / 42
 2.38 N $\pm 0.99km$, 126.63 E $\pm 1.71km$, h33 $\pm 0.05km$
 Molucca Passage (266)
 $m_b 5.1 / 1,$

QZN	23.3 316	eP	06 02 12.0	0.8	
WHN	30.3 339	eP	06 03 17.5	1.5	
XAN	35.6 334	eP	06 04 00.4	-1.3	
CD2	35.7 325	eP	06 04 01.7	-0.8	
TIY	37.5 341	eP	06 04 17.4	-0.5	
		S	06 09 57.0	-6.5	
		LZ	$M_s=4.4$	30.0	0.94
BJI	38.7 347	eP	06 04 28.0	0.4	
SNY	39.4 356	+P	06 04 35.6	2.2	
LZH	39.6 331	eP	06 04 37.0	1.4	
		PMZ	$m_b=5.1$	1.5	0.044
LSA	43.3 313	P	06 05 07.3	1.3	
GTA	44.2 330	eP	06 05 12.5	-0.7	
WMQ	53.8 326	eP	06 06 26.0	-1.0	

FEB 12d 06h 00m $10.4 \pm 0.07s$, SD1.32 / 33
 2.31 N $\pm 1.04km$, 126.79 E $\pm 1.67km$, h34 $\pm 0.22km$
 Molucca Passage (266)

XAN	35.7 334	eP	06 07 06.7	-1.5	
CD2	35.8 325	eP	06 07 08.0	-1.2	
TIY	37.6 341	eP	06 07 27.1	2.7	
BJI	38.8 347	eP	06 07 35.0	1.1	
SNY	39.4 356	eP	06 07 41.5	2.0	
LZH	39.8 330	eP	06 07 40.0	-2.3	
MDJ	42.2 3	eP	06 08 03.5	1.2	

FEB 12d 07h 55m $47.3 \pm 0.09s$, SD1.75 / 96
 26.22 N $\pm 1.26km$, 96.90 E $\pm 1.02km$, h32 $\pm 0.14km$
 Burma (296)
 $M_s 5.2 / 46, M_L 4.8 / 2, m_b 5.2 / 5,$

KMI	5.4 100	Pn	07 57 10.5	4.4	
		Pg	07 57 28.0	5.5	
		LN	$M_s=5.3$	8.0	31.0
		LZ	$M_s=5.1$	10.0	17.8
LSA	6.2 306	Pn	07 57 20.0	3.2	
		Sn	07 58 29.0	1.6	
		LN	$M_s=4.8$	11.0	12.0
CD2	7.6 51	ePn	07 57 40.9	4.2	
		eSn	07 59 07.0	3.0	
		LN	$M_s=5.4$	5.0	13.2
		LZ	$M_s=4.7$	10.0	5.72
GYA	8.8 86	P	07 57 55.0	0.0	
		pP	07 58 04.0	2.4	
		S	07 59 30.0	-3.4	
		LN	$M_s=5.6$	8.0	26.7
		LZ	$M_s=4.8$	8.0	4.23
LZH	11.5 29	eP	07 58 31.5	-1.0	
		PMZ	$m_b=5.4$	1.5	0.11
		LN	$M_s=5.2$	9.0	4.30
		LE		9.0	5.60
		LZ	$M_s=4.8$	10.0	4.20
XAN	13.0 50	eP	07 58 49.8	-2.8	
		LN	$M_s=5.2$	10.0	7.93
GTA	13.4 10	eP	07 58 55.5	-2.2	
		LN	$M_s=5.4$	9.0	8.60
		LZ	$M_s=5.2$	12.0	10.4
QZN	13.9 118	eP	07 59 05.3	0.5	
		eS	08 01 38.0	-1.4	

		LN	$M_s=4.9$	12.0	2.96
		LE		14.0	3.50
GZH	15.3 98	eP	07 59 23.3	0.9	
		LN	$M_s=5.6$	8.0	9.45
		LE		8.0	3.00
		LZ	$M_s=5.0$	10.0	4.30
WHN	16.0 70	P	07 59 30.5	-0.6	
		S	08 02 26.0	-0.4	
		sS	08 02 44.0	5.6	
		LN	$M_s=5.3$	9.0	1.35
		LE		11.0	5.92
		LZ	$M_s=5.3$	12.0	9.06
TIY	17.4 45	eP	07 59 48.8	-1.2	
		S	08 03 00.0	-0.7	
		LN	$M_s=5.1$	10.0	3.14
		LZ	$M_s=4.7$	12.0	2.17
BTO	18.0 34	P	07 59 56.0	-1.2	
		pP	08 00 04.0	-0.5	
		S	08 03 13.0	-0.6	
		LN	$M_s=5.2$	10.0	3.80
		LE		10.0	2.40
		LZ	$M_s=5.0$	10.0	3.90
HHC	19.0 36	eP	08 00 07.8	-1.5	
		LN	$M_s=5.1$	10.0	2.30
		LE		9.0	1.60
		LZ	$M_s=5.4$	7.0	5.70
WMQ	19.1 339	P	08 00 10.3	0.2	
		sS	08 03 51.0	1.0	
		LN	$M_s=5.0$	9.0	1.43
		LE		12.0	1.99
		LZ	$M_s=4.6$	13.0	1.81
QZH	19.6 89	eP	08 00 16.5	0.6	
		eS	08 03 50.0	-0.3	
		LN	$M_s=5.7$	10.0	10.9
		LZ	$M_s=5.0$	10.0	3.18
TIA	19.9 55	P	08 00 18.2	-1.2	
		SME	$m_b=5.2$	10.0	0.93
		LE	$M_s=5.2$	9.0	3.17
NJ2	20.0 68	eP	08 00 20.5	0.0	
		S	08 03 59.0	0.5	
		LN	$M_s=5.7$	10.0	11.3
		LE		10.0	4.07
		LZ	$M_s=5.1$	10.0	3.67
BJI	21.2 45	eP	08 00 32.5	0.2	
		eS	08 04 21.0	-0.2	
		esS	08 04 35.0	0.2	
		LN	$M_s=5.2$	9.0	2.00
		LE		8.0	1.50
		LZ	$M_s=4.4$	20.0	1.50
SSE	21.8 72	+P	08 00 40.0	0.9	
		PMZ	$m_b=4.5$	1.0	0.024
		pP	08 00 47.5	-0.3	
		S	08 04 40.0	6.8	
		SMN	$m_b=5.6$	9.0	1.03
		SME		10.0	1.78
		eSS	08 05 12.0	0.5	
		LE	$M_s=4.4$	10.0	0.45
		LZ	$M_s=5.1$	10.0	3.30
KSH	22.0 312	P	08 00 43.0	2.4	
		eS	08 04 38.0	1.3	
		LN	$M_s=5.4$	8.0	3.70
		LZ	$M_s=5.3$	14.0	7.10
DL2	24.3 53	eP	08 01 05.0	1.9	
		eS	08 05 22.0	4.6	
		LN	$M_s=5.1$	9.0	1.10
		LE		8.0	1.08
		LZ	$M_s=4.7$	12.0	1.30
SNY	26.9 48	-P	08 01 27.4	-0.2	



	eS	08 06 00.0	-0.6						BJI	79.6	23	eP	11 18 02.5	0.7		
	sS	08 06 20.0	4.5						LZH	80.2	34	eP	11 18 04.5	-0.5		
	LN	$M_s=4.9$	10.0	0.68								PMZ	$m_b=5.3$	2.5	0.079	
	LE		10.0	0.91				TIY	81.0	27	eP	11 18 09.7	0.5			
	LZ	$M_s=4.8$	12.0	1.57				XAN	83.5	31	eP	11 18 22.0	-0.4			
CN2	29.0	46	P	08 01 47.0	0.2			CD2	84.9	36	eP	11 18 28.6	-0.9			
	epP	08 01 56.0	0.2					WHN	88.3	27	eP	11 18 45.5	-0.2			
	eS	08 06 33.0	-1.9					KMI	89.9	39	+P	11 18 54.0	0.1			
	LZ	$M_s=4.7$	16.0	1.50				GYA	90.0	35	P	11 18 54.4	0.4			
MDJ	32.1	47	eP	08 02 11.0	-2.8			FEB 12d 11h 18m $39.8 \pm 0.16s$, SD0.78 / 64								
	S	08 07 24.0	2.1					21.40 S \pm 1.30km, 178.83 W \pm 1.18km, h543 \pm 1.25km								
	LZ	$M_s=4.8$	15.0	1.31				Fiji region (181)								
FEB 12d 08h 15m $17.7 \pm 0.07s$, SD0.81 / 40																
2.16 S \pm 0.81km, 138.40 E \pm 0.94km, h33 \pm 0.15km																
West Irian (201)																
SSE	36.9	335	eP	08 22 25.5	-0.1			QZH	76.3	304	eP	11 29 34.8	0.2			
WHN	39.8	327	eP	08 22 51.0	1.3			SSE	77.7	311	-P	11 29 42.0	-0.3			
GYA	41.8	315	P	08 23 07.2	0.7						PMZ	$m_b=4.4$	1.0	0.017		
XAN	45.4	325	+P	08 23 35.2	-0.7			GZH	79.5	300	-iP	11 29 52.3	0.4			
CD2	46.6	318	eP	08 23 45.3	0.6			MDJ	80.8	325	eP	11 29 59.0	0.2			
BJI	46.7	336	eP	08 23 44.5	-0.9			WHN	82.4	307	eP	11 30 07.0	0.4			
CN2	47.2	347	eP	08 23 49.0	-0.7			SNY	82.4	320	-P	11 30 06.4	-0.4			
MDJ	47.2	351	eP	08 23 49.0	-0.9			CN2	82.5	323	-iP	11 30 07.0	-0.6			
LZH	49.9	323	eP	08 24 10.5	0.0			TIA	83.3	313	eP	11 30 13.5	2.1			
GTA	54.4	324	P	08 24 44.7	-0.1			BJI	86.0	316	-P	11 30 24.0	-0.4			
WMQ	64.4	322	+iP	08 25 53.5	0.2			GYA	86.4	300	-P	11 30 27.0	0.4			
FEB 12d 08h 42m $52.0 \pm 0.19s$, SD1.46 / 23																
57.43 N \pm 2.70km, 33.18 W \pm 1.96km, h10 \pm 0.37km																
North Atlantic Ocean (402)																
WMQ	67.7	42	eP	08 53 52.4	0.0			TIY	87.3	312	P	11 30 31.0	0.3			
GTA	75.8	36	P	08 54 40.0	-0.6			HHC	89.4	315	P	11 30 40.0	-0.7			
BTO	77.6	28	eP	08 54 51.0	0.3			BTO	90.3	314	eP	11 30 45.0	0.1			
BJI	79.5	23	eP	08 55 01.0	-0.4			CD2	90.6	303	eP	11 30 47.0	0.9			
LZH	80.1	34	eP	08 55 06.0	1.6			LZH	92.7	308	eP	11 30 56.0	0.2			
TIY	80.9	27	eP	08 55 09.9	1.1						PMZ	$m_b=5.3$	1.0	0.037		
GYA	89.9	35	eP	08 55 54.0	0.5			GTA	96.9	310	eP	11 31 14.5	-0.6			
FEB 12d 10h 12m $00.3 \pm 0.19s$, SD1.21 / 39																
57.31 N \pm 2.75km, 33.28 W \pm 1.62km, h10 \pm 0.43km																
North Atlantic Ocean (402)																
$m_b=5.2 / 1,$																
WMQ	67.8	42	eP	10 23 01.4	-0.2			FEB 12d 12h 02m $18.6 \pm 0.09s$, SD1.70 / 27								
GTA	75.9	36	P	10 23 48.7	-1.1			36.33 N \pm 1.57km, 2.65 E \pm 2.45km, h12 \pm 0.71km								
MDJ	77.4	12	eP	10 23 58.0	-0.3			Algeria (396)								
BTO	77.7	28	eP	10 24 00.0	0.1			WMQ	62.8	54	eP	12 12 47.0	0.0			
CN2	77.7	16	eP	10 23 57.0	-2.7			GTA	72.8	54	P	12 13 50.3	0.2			
HHC	77.8	27	eP	10 24 02.0	1.3			LZH	77.4	55	eP	12 14 15.0	-1.0			
BJI	79.7	23	eP	10 24 10.5	0.0			CD2	80.3	59	eP	12 14 33.4	1.2			
LZH	80.2	34	eP	10 24 13.0	-0.5			TIY	81.8	49	eP	12 14 44.2	4.3			
			PMZ	$m_b=5.2$	2.0	0.055		XAN	81.9	54	eP	12 14 37.2	-3.2			
TIY	81.0	27	eP	10 24 18.3	0.4			BJI	82.5	45	eP	12 14 40.0	-3.4			
XAN	83.6	31	eP	10 24 30.2	-0.9			FEB 12d 12h 41m $25.9 \pm 0.41s$, SD2.50 / 10								
CD2	85.0	36	eP	10 24 38.2	0.2			23.51 N \pm 3.24km, 99.89 E \pm 1.56km, h5 \pm km								
WHN	88.3	28	eP	10 24 54.1	-0.3			Burma-China border region (297)								
GYA	90.0	35	P	10 25 03.0	0.5			$M_L=3.9 / 4,$								
FEB 12d 11h 05m $52.4 \pm 0.20s$, SD1.20 / 39																
57.45 N \pm 2.74km, 33.55 W \pm 1.53km, h13 \pm 0.50km																
North Atlantic Ocean (402)																
$m_b=5.3 / 1,$																
WMQ	67.8	42	eP	11 16 53.0	-0.2			GYA	6.8	63	Pn	12 43 07.8	0.8			
GTA	75.9	36	eP	11 17 39.5	-1.7						Sn	12 44 29.8	2.5			
MDJ	77.3	12	eP	11 17 47.0	-2.4			CD2	8.1	24	eP	12 43 28.6	0.8			
CN2	77.6	15	eP	11 17 48.0	-2.8			FEB 12d 16h 24m $36.5 \pm 0.05s$, SD1.08 / 20								
BTO	77.6	28	eP	11 17 51.6	0.4			7.31 S \pm 0.72km, 128.58 E \pm 1.05km, h139 \pm 0.19km								
HHC	77.8	26	eP	11 17 52.2	0.2			Banda Sea (280)								
FEB 12d 23h 44m $53.3 \pm 0.06s$, SD2.03 / 14																
30.01 N \pm 0.89km, 90.04 E \pm 0.52km, h21 \pm 0.51km																
Tibet (306)																
LSA	1.0	107	iPg	23 45 10.1	-1.9			LZH	49.0	333	eP	16 33 12.0	0.2			
			Sg	23 45 23.9	-1.7			GTA	53.6	332	+iP	16 33 45.5	-0.5			
			LE					WMQ	62.9	328	P	16 34 50.5	-0.2			
GYA	15.1	100	P	23 48 26.2	-1.1			FEB 12d 23h 44m $53.3 \pm 0.06s$, SD2.03 / 14								
BJI	23.6	58	eP	23 50 04.0	0.5			30.01 N \pm 0.89km, 90.04 E \pm 0.52km, h21 \pm 0.51km								
Tibet (306)																

FEB 12d 23h 49m 16.2 ± 0.11s, SD1.85 / 46
50.99 N ± 1.53km, 84.15 E ± 1.54km, h33 ± 0.36km
Eastern Kazakhstan (329)
M_s4.5 / 5, M_L4.9 / 5,

WMQ	7.6	160	Pn	23 51 05.8	1.0		
			Sg	23 53 09.0	-4.5		
			SMN	M _L = 4.8	0.6	0.33	
			SME		0.6	0.34	
KSH	12.8	210	P	23 52 24.0	4.5		
			LE	M _s = 4.6	9.0	1.80	
GTA	16.0	130	P	23 53 03.0	2.8		
			LN	M _s = 4.4	10.0	0.74	
TIY	24.0	113	eP	23 54 30.6	1.3		
			pP	23 54 36.0	-2.1		
			LE	M _s = 4.5	10.5	0.48	
			LZ	M _s = 4.3	14.0	0.71	
XAN	24.7	124	eP	23 54 36.9	0.7		
BJI	24.8	104	eP	23 54 37.5	0.9		
CD2	24.8	137	eP	23 54 37.3	0.4		
GYA	29.9	136	P	23 55 22.8	-0.9		

FEB 13d 02h 02m 12.4 ± 0.08s, SD1.05 / 85
1.32 N ± 1.01km, 127.41 E ± 1.47km, h124 ± 0.77km
Molucca Passage (266)
m_b5.6 / 6,

QZN	24.6	317	eP	02 07 23.0	0.2		
			eS	02 11 34.0	1.5		
QZH	25.0	341	+P	02 07 27.0	0.7		
SSE	30.2	349	P	02 08 13.5	-0.1		
			PMZ	m _b = 4.8	0.8	0.016	
			pP	02 08 41.5	1.4		
WHN	31.6	338	P	02 08 26.5	0.7		
			PMZ	m _b = 5.6	1.0	0.11	
			S	02 13 26.0	2.2		
			ScS	02 18 40.0	-1.8		
GYA	32.0	323	-P	02 08 29.2	-0.1		
			PcP	02 11 16.6	0.7		
TIA	36.0	346	eP	02 09 02.3	-1.3		
XAN	36.9	334	iP	02 09 10.7	-0.2		
CD2	37.0	325	eP	02 09 11.7	-0.2		
DL2	37.8	353	eP	02 09 18.3	-0.2		
TIY	38.7	341	-iP	02 09 27.0	0.3		
			PMZ	m _b = 5.2	0.9	0.040	
BJI	39.9	347	eP	02 09 35.5	-0.3		
SNY	40.5	356	-iP	02 09 40.6	-0.2		
LZH	40.9	330	eP	02 09 46.5	1.9		
			PMZ	m _b = 5.7	2.0	0.28	
HHC	41.9	342	-P	02 09 53.0	0.5		
BTO	42.2	340	eP	02 09 54.0	-0.8		
CN2	42.3	358	eP	02 09 55.0	-1.0		
MDJ	43.2	2	eP	02 10 02.7	0.0		
LSA	44.5	313	-P	02 10 15.8	1.4		
WMQ	55.1	326	-iP	02 11 34.0	-0.3		

FEB 13d 02h 15m 32.7 ± 0.13s, SD2.63 / 19
38.39 N ± 1.18km, 76.59 E ± 1.54km, h31 ± 0.30km
Southern Xinjiang Province (321)
M_L4.2 / 6,

KSH	1.2	335	iPg	02 15 56.5	1.1		
			Sg	02 16 14.5	1.8		
			SMN	M _L = 4.1	0.5	4.50	
			SME		0.2	2.50	
WMQ	10.0	54	P	02 17 56.4	-0.9		
GTA	18.1	79	eP	02 19 48.0	4.1		
			SMN		1.4	0.017	
			SME		1.4	0.016	

FEB 13d 04h 09m 33.1 ± 0.10s, SD1.01 / 71

8.68 S ± 1.77km, 106.09 E ± 1.67km, h32 ± 0.20km
South of Java (282)
m_b5.3 / 5,

GYA	34.9	1	P	04 16 24.6	0.1		
CD2	39.4	357	eP	04 17 01.8	-0.4		
WHN	39.8	11	eP	04 17 05.0	-0.1		
			pP	04 17 16.3	1.9		
			S	04 23 06.0	-0.5		
LSA	40.8	340	P	04 17 15.3	1.5		
SSE	42.1	19	+P	04 17 25.5	1.2		
			PMZ	m _b = 5.1	1.0	0.029	
			pP	04 17 35.0	1.5		
NJ2	42.3	16	eP	04 17 26.0	0.2		
XAN	42.6	3	eP	04 17 27.1	-1.0		
LZH	44.6	357	eP	04 17 45.0	0.5		
			PMZ	m _b = 5.4	1.5	0.088	
TIA	45.8	12	eP	04 17 53.7	-0.8		
TIY	46.5	7	-iP	04 18 00.4	0.5		
			PMZ	m _b = 5.4	0.9	0.050	
			LZ	M _s = 4.5	16.0	0.48	
GTA	48.2	353	+iP	04 18 13.8	0.7		
BTO	49.2	4	eP	04 18 21.0	0.5		
BJI	49.4	10	eP	04 18 21.5	-0.4		
HHC	49.5	5	P	04 18 23.6	0.2		
SNY	52.8	16	eP	04 18 46.5	-1.1		
WMQ	54.8	344	+iP	04 19 03.2	0.1		
			S	04 26 43.4	3.9		
			ScS	04 28 50.3	4.9		
CN2	55.1	17	eP	04 19 03.5	-1.4		
MDJ	57.1	20	eP	04 19 18.0	-1.5		
			pP	04 19 28.0	-0.9		

FEB 13d 08h 06m 55.9 ± 0.12s, SD1.72 / 20
8.09 N ± 2.60km, 38.12 W ± 2.19km, h11 ± 0.30km
Central Mid-Atlantic Ridge (406)

CN2	126.2	15	ePKP	08 26 01.0	1.2		
BJI	126.5	24	ePKP	08 26 01.0	0.6		
TIY	126.8	29	ePKP	08 26 03.5	2.6		
			PP	08 28 05.0	4.4		
			pPP	08 28 20.0			
XAN	127.7	35	ePKP	08 26 02.1	-0.7		
WHN	133.4	33	ePKP	08 26 13.8	0.3		

FEB 13d 08h 43m 28.0 ± 0.10s, SD1.47 / 42
14.09 N ± 1.47km, 124.38 E ± 1.85km, h35 ± 0.36km
Luzon (249)

QZN	14.8	291	eP	08 46 54.8	-1.7		
			eS	08 49 35.8	-4.1		
WHN	18.8	332	eP	08 47 46.3	-1.0		
			sP	08 47 56.2	-3.6		
GYA	20.6	309	P	08 48 07.4	-0.2		
TIA	23.0	345	eP	08 48 30.4	-0.4		
XAN	24.3	327	-iP	08 48 43.2	-0.6		
CD2	25.3	315	eP	08 48 52.9	-0.3		
TIY	25.8	338	+iP	08 48 58.4	0.2		
			S	08 53 29.0	6.7		
			LZ	M _s = 4.1	24.0	0.68	
BJI	26.8	346	eP	08 49 07.0	-0.5		
SNY	27.6	359	+P	08 49 14.8	-0.1		
LZH	28.6	324	eP	08 49 23.0	-0.9		
BTO	29.2	337	eP	08 49 29.2	-0.2		
GTA	33.2	324	eP	08 50 04.0	-0.4		

FEB 13d 11h 25m 40.8 ± 0.06s, SD0.92 / 84
2.36 N ± 0.92km, 126.76 E ± 1.59km, h33 ± 0.09km
Molucca Passage (266)
M_s4.8 / 8, m_b5.2 / 5,

QZN	23.4	316	eP	11 30 48.0	-0.1		
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LSA	41.8	310	+iP	12 23 03.5	1.2		
			S	12 29 17.5	5.7		
GTA	42.1	328	+iP	12 23 05.3	0.3		
			PMZ			3.0	0.33
			ScS	12 33 00.0	4.6		
			LE	$M_s=5.1$	19.0	1.65	
			LZ	$M_s=5.0$	25.0	2.78	
WMQ	51.8	324	eP	12 24 20.8	-0.1		
			S	12 31 38.0	3.9		
			LZ	$M_s=5.0$	25.0	1.91	
KSH	57.3	314	eP	12 25 01.5	0.3		

FEB 13d 12h 58m $19.1 \pm 0.10s$, SD0.99 / 32
 26.18 S $\pm 1.14km$, 179.44 E $\pm 1.59km$, h532 $\pm 0.58km$
 South of Fiji (171)

MDJ	83.9	327	eP	13 09 54.2	-0.2		
WHN	84.0	308	eP	13 09 54.5	-0.5		
CN2	85.4	324	-P	13 10 01.2	-0.8		
GYA	87.5	301	P	13 10 12.0	0.2		
BJI	88.3	317	eP	13 10 16.0	0.3		
TIY	89.4	313	+iP	13 10 21.7	1.1		
XAN	89.7	308	+iP	13 10 22.8	0.4		
CD2	91.9	304	eP	13 10 33.5	1.2		

FEB 13d 14h 17m $15.0 \pm 0.18s$, SD2.20 / 22
 57.78 S $\pm 4.85km$, 25.59 W $\pm 4.97km$, h32 $\pm 1.70km$
 South Sandwich Islands region (153)

WHN	141.3	117	ePKP	14 36 39.0	-4.9		
SSE	144.9	125	PKP	14 36 49.2	-0.9		
TIY	146.1	108	ePKP	14 36 52.5	0.3		
BTO	147.0	102	ePKP	14 36 55.0	1.2		
TIA	147.3	115	+PKP	14 36 55.8	1.7		
HHC	148.0	103	ePKP	14 36 55.8	0.4		
BJI	149.8	109	ePKP	14 37 02.0	3.9		
CN2	157.2	115	ePKP	14 37 08.0	-0.5		

FEB 13d 14h 51m $24.0 \pm 0.13s$, SD1.04 / 63
 57.57 N $\pm 2.23km$, 33.05 W $\pm 1.50km$, h11 $\pm 0.22km$
 North Atlantic Ocean (402)
 $M_s 5.4 / 3$, $m_b 5.5 / 1$,

KSH	66.5	53	eP	15 02 17.9	1.0		
WMQ	67.6	42	eP	15 02 24.0	0.5		
GTA	75.6	36	-P	15 03 11.4	-0.3		
			LE	$M_s=5.5$	15.0	1.04	
			LZ	$M_s=5.4$	16.0	1.56	
MDJ	77.2	13	eP	15 03 20.0	-0.4		
			S	15 13 08.0	0.9		
			LZ	$M_s=5.2$	20.0	1.30	
BTO	77.4	28	P	15 03 23.0	1.2		
CN2	77.4	16	P	15 03 21.6	-0.1		
HHC	77.5	27	P	15 03 23.8	1.1		
SNY	79.0	18	eP	15 03 30.4	-0.3		
			LN	$M_s=5.3$	20.0	0.55	
			LE		18.0	0.53	
BJI	79.4	24	eP	15 03 32.5	0.0		
LZH	79.9	34	eP	15 03 34.0	-1.6		
			PMZ	$m_b=5.5$	2.5	0.12	
XAN	83.3	31	eP	15 03 52.7	-0.5		
CD2	84.7	36	eP	15 04 00.8	0.7		
WHN	88.0	28	eP	15 04 14.0	-2.5		
			sP	15 04 28.0	3.2		
			SKS	15 14 35.0	-6.5		
SSE	89.0	22	eP	15 04 21.0	-0.4		
			sP	15 04 35.0	5.3		
KMI	89.7	39	+P	15 04 25.0	0.3		
GYA	89.7	35	P	15 04 25.6	0.8		

FEB 13d 15h 14m $46.8 \pm 0.15s$, SD1.27 / 73

57.54 N $\pm 2.81km$, 33.10 W $\pm 1.79km$, h10 $\pm 0.15km$
 North Atlantic Ocean (402)
 $M_s 5.5 / 10$, $m_b 5.8 / 3$, $m_b 5.3 / 2$,

KSH	66.6	53	eP	15 25 41.0	1.0		
WMQ	67.6	42	P	15 25 48.0	1.5		
			S	15 34 42.0	1.1		
			LZ	$M_s=5.4$	17.0	2.01	
GTA	75.6	36	eP	15 26 33.4	-1.4		
			LE	$M_s=5.5$	13.0	0.89	
			LZ	$M_s=5.3$	18.0	1.34	
MDJ	77.2	13	eP	15 26 43.0	-0.4		
			S	15 36 28.0	-2.3		
			LZ	$M_s=5.2$	20.0	1.33	
BTO	77.4	28	+iP	15 26 44.4	-0.5		
CN2	77.4	16	+P	15 26 45.0	0.2		
			PMZ	$m_b=5.8$	5.0	0.50	
			pP	15 26 50.0	-0.2		
			eS	15 36 36.0	1.3		
			LZ	$M_s=5.1$	20.0	0.90	
HHC	77.6	27	P	15 26 45.6	-0.1		
SNY	79.1	18	-P	15 26 54.0	0.2		
			sP	15 27 02.0	0.1		
			eS	15 36 48.0	-4.2		
			LN	$M_s=5.2$	22.0	0.81	
			LZ	$M_s=4.9$	22.0	0.63	
BJI	79.4	24	eP	15 26 56.0	0.4		
			LZ	$M_s=5.1$	18.0	0.90	
LZH	79.9	34	eP	15 27 00.0	1.4		
			PMZ	$m_b=5.6$	2.5	0.16	
			LZ	$M_s=5.4$	20.0	1.60	
TIY	80.8	27	eP	15 27 04.2	1.3		
			sP	15 27 15.0	4.0		
			S	15 37 15.0	6.7		
			LN	$M_s=5.6$	18.0	1.46	
			LZ	$M_s=5.2$	20.0	1.00	
DL2	81.6	20	eP	15 27 08.0	0.9		
			LZ	$M_s=5.0$	18.0	0.66	
TIA	83.3	24	eP	15 27 15.4	-0.6		
XAN	83.3	31	eP	15 27 14.7	-1.5		
CD2	84.7	36	eP	15 27 24.0	0.8		
			S	15 37 49.0	0.9		
			LE	$M_s=5.6$	12.0	0.85	
			LZ	$M_s=5.3$	25.0	1.53	
WHN	88.1	28	P	15 27 40.0	0.4		
			PMZ	$m_b=5.8$	5.0	0.40	
			sP	15 27 48.0	0.3		
			S	15 38 19.0	-1.4		
			SME	$m_b=5.5$	8.0	0.39	
			LE	$M_s=5.8$	16.0	1.82	
			LZ	$M_s=5.4$	16.0	1.32	
SSE	89.1	22	+P	15 27 44.2	-0.2		
			PMZ	$m_b=5.0$	1.0	0.012	
			sP	15 27 51.0	-1.6		
			eS	15 38 29.0	-2.5		
			sS	15 38 35.0	-5.8		
			LN	$M_s=5.1$	14.0	0.30	
			LZ	$M_s=4.9$	20.0	0.50	
KMI	89.7	39	+P	15 27 48.5	0.8		
			pP	15 27 53.5	0.5		
			S	15 38 38.0	2.3		
			LN	$M_s=6.0$	18.0	3.60	
			LZ	$M_s=5.8$	20.0	3.70	
GYA	89.8	35	P	15 27 48.8	1.0		

FEB 13d 15h 51m $06.4 \pm 0.14s$, SD1.89 / 63
 9.43 N $\pm 1.84km$, 123.45 E $\pm 2.84km$, h55 $\pm 0.30km$
 Mindanao (259)
 $M_s 4.7 / 10$,



DL2	22.0	312	eP	23 48 42.7	3.5		
			S	23 52 38.0	3.0		
			LN		$M_s = 5.1$	12.0	2.04
			LE			12.0	2.00
			LZ		$M_s = 4.6$	20.0	2.11
SNY	22.5	320	eP	23 48 44.8	1.1		
			pP	23 48 54.0	1.9		
			sP	23 48 58.3	2.3		
			LN		$M_s = 5.2$	14.5	2.90
			LE			12.5	2.30
			LZ		$M_s = 4.9$	13.0	2.74
CN2	22.8	326	+P	23 48 48.0	0.9		
			pP	23 48 57.0	1.6		
			S	23 52 50.0	0.7		
			SMN			13.0	2.40
			LZ		$M_s = 5.2$	14.0	6.00
TIA	24.2	302	-P	23 49 00.2	-0.2		
			LN		$M_s = 5.4$	13.0	1.02
			LE			19.0	7.35
WHN	25.4	287	eP	23 49 13.2	1.3		
			sP	23 49 25.5	1.3		
			eS	23 53 36.0	1.8		
			sS	23 53 50.0	1.9		
			LN		$M_s = 5.3$	18.0	5.06
			LE			14.0	1.29
			LZ		$M_s = 4.9$	26.0	4.43
BJI	26.3	309	eP	23 49 21.0	0.6		
			eS	23 53 50.0	0.8		
			LN		$M_s = 4.9$	13.0	1.50
			LZ		$M_s = 4.8$	19.0	2.60
GZH	26.8	271	P	23 49 26.0	0.9		
			LN		$M_s = 4.8$	24.0	2.00
TIY	28.2	302	-P	23 49 37.0	-1.1		
			S	23 54 22.0	2.4		
			sS	23 54 39.0	4.3		
			LN		$M_s = 5.0$	16.0	1.96
			LZ		$M_s = 5.0$	16.0	3.22
HHC	29.8	308	eP	23 49 50.0	-2.7		
			S	23 54 42.0	-3.6		
			LN		$M_s = 4.8$	14.0	0.80
			LE			16.0	0.50
XAN	30.3	294	+P	23 49 54.4	-2.1		
			S	23 54 56.4	3.8		
			LN		$M_s = 5.3$	14.0	3.15
BTO	30.9	307	eP	23 50 03.0	1.2		
			pP	23 50 13.0	2.8		
			ePP	23 51 06.0	3.1		
			eS	23 55 04.0	1.2		
			LN		$M_s = 5.3$	14.0	2.00
			LE			15.0	2.70
			LZ		$M_s = 5.0$	15.0	2.50
QZN	31.0	264	eP	23 50 08.0	5.1		
			SS	23 56 53.0	4.1		
			LN		$M_s = 4.9$	13.0	1.14
GYA	32.3	279	P	23 50 14.4	0.4		
			S	23 55 27.0	3.4		
			sS	23 55 38.0	-0.9		
			LN		$M_s = 5.0$	12.0	1.30
			LZ		$M_s = 4.7$	22.0	1.61
CD2	34.5	288	eP	23 50 31.9	-1.4		
			S	23 55 58.0	-0.4		
			LN		$M_s = 5.2$	10.0	1.45
LZH	34.7	297	eP	23 50 33.5	-1.3		
			PMZ		$m_b = 5.5$	2.0	0.14
			LN		$M_s = 5.2$	12.0	1.30
			LE			15.0	1.50
			LZ		$M_s = 5.0$	16.0	2.30
KMI	36.0	278	-P	23 50 47.0	1.1		

			pP	23 50 57.5	3.1		
			sP	23 51 02.0	3.9		
			S	23 56 24.0	3.2		
			LZ		$M_s = 5.2$	20.0	3.70
GTA	38.2	302	eP	23 51 02.7	-2.3		
			PcP	23 53 20.0	1.2		
			eS	23 56 52.0	-4.9		
			LE		$M_s = 5.2$	13.0	1.53
			LZ		$M_s = 5.0$	13.0	1.38
LSA	45.5	287	P	23 52 05.6	1.1		
WMQ	47.7	307	eP	23 52 21.0	-0.8		
			S	23 59 14.0	-0.1		
			LZ		$M_s = 5.2$	22.0	2.73
KSH	56.7	302	eP	23 53 30.5	1.5		
			eS	24 01 18.0	-0.2		
			LN		$M_s = 5.5$	6.0	0.80

FEB 13d 23h 58m $19.4 \pm 0.18s$, SD1.18 / 60
 $1.30 S \pm 0.85km$, $127.46 E \pm 1.50km$, $h62 \pm 1.93km$
 Molucca Sea (269)
 $m_b 5.3 / 1$,

QZH	27.5	342	eP	24 04 02.4	0.3		
WHN	34.0	340	P	24 05 01.5	1.5		
GYA	34.1	325	eP	24 05 01.4	0.5		
CD2	39.2	327	eP	24 05 43.5	0.2		
XAN	39.2	335	eP	24 05 43.2	-0.6		
TIY	41.2	342	+P	24 06 00.6	0.2		
BJI	42.4	347	eP	24 06 09.5	-0.5		
SNY	43.1	356	eP	24 06 14.8	-0.6		
LZH	43.2	332	eP	24 06 17.5	0.7		
			PMZ		$m_b = 5.3$	1.5	0.066
			sP	24 06 41.0	2.9		
HHC	44.4	343	eP	24 06 24.0	-2.1		
BTO	44.6	341	eP	24 06 27.6	-0.5		
CN2	44.9	358	eP	24 06 33.0	2.6		
MDJ	45.8	2	eP	24 06 37.0	0.1		
LSA	46.4	315	-P	24 06 44.2	1.8		
GTA	47.8	331	-P	24 06 53.3	0.2		

FEB 14d 03h 59m $23.4 \pm 0.08s$, SD1.36 / 47
 $25.58 N \pm 1.36km$, $142.49 E \pm 1.75km$, $h77 \pm 0.32km$
 Volcano Islands region (213)
 $M_s 4.2 / 3$, $m_b 5.0 / 1$,

SSE	19.5	291	eP	04 03 47.0	-0.5		
			sP	04 04 12.0	-0.7		
			eS	04 07 20.0	1.2		
			sS	04 07 41.0	-0.7		
			LE		$M_s = 4.1$	10.0	0.30
			LZ		$M_s = 4.0$	14.0	0.40
MDJ	21.7	334	eP	04 04 10.5	1.0		
SNY	22.5	321	eP	04 04 18.0	0.3		
CN2	22.9	327	eP	04 04 23.0	1.7		
WHN	25.3	288	eP	04 04 44.5	0.0		
TIY	28.2	303	P	04 05 09.8	-1.4		
			S	04 09 48.0	-0.9		
			sS	04 10 19.0	-1.2		
			SS	04 11 17.5	0.3		
			LE		$M_s = 4.3$	11.0	0.25
			LZ		$M_s = 4.3$	16.0	0.60
XAN	30.2	294	P	04 05 27.5	-1.8		
GYA	32.1	280	P	04 05 47.2	0.9		
CD2	34.4	288	eP	04 06 05.0	-0.8		
LZH	34.6	297	eP	04 06 06.5	-1.0		
			PMZ		$m_b = 5.0$	2.0	0.044
KMI	35.8	278	-P	04 06 19.5	1.4		
GTA	38.2	302	eP	04 06 36.0	-1.8		
WMQ	47.7	307	eP	04 07 55.4	0.8		

FEB 14d 06h 20m 20.7±0.10s, SD1.08 / 102										
10.37 S±1.65km, 161.44 E±2.38km, h32±0.24km										
Solomon Islands (193)										
M _s 6.3 / 51, m _b 6.4 / 33, m _b 5.9 / 6,										
QZH	54.6	311	+P	06 29 49.0	0.4					
			PMZ		m _b = 6.4	5.0	2.52			
			pP	06 30 02.0	4.0					
			sP	06 30 06.0	4.2					
			iS	06 37 28.0	3.5					
			LE		M _s = 6.2	19.0	11.4			
			LZ		M _s = 5.9	24.0	14.2			
SSE	56.5	318	P	06 30 02.0	-0.5					
			PMZ		m _b = 6.3	5.0	1.90			
			pP	06 30 14.0	2.2					
			iS	06 37 53.0	2.8					
			sS	06 38 07.0	1.4					
			ScS	06 39 46.0	1.2					
			LN		M _s = 6.2	18.0	4.50			
			LE			19.0	11.2			
			LZ		M _s = 6.0	20.0	12.6			
GZH	57.6	306	P	06 30 11.0	0.4					
			PMZ		m _b = 6.2	5.0	1.65			
			pP	06 30 22.5	2.5					
			iS	06 38 12.5	7.2					
			sS	06 38 25.5	4.7					
			LN		M _s = 6.5	22.0	12.0			
			LE			22.0	25.3			
			LZ		M _s = 6.3	24.0	30.4			
NJ2	58.6	318	-P	06 30 17.0	-0.6					
			PMZ		m _b = 6.2	6.0	1.75			
			sP	06 30 30.0	-0.8					
			S	06 38 16.0	-1.2					
			LN		M _s = 6.3	18.0	12.0			
			LE			19.0	7.13			
QZN	58.7	300	P	06 30 18.6	0.8					
			pP	06 30 30.5	3.4					
			sP	06 30 35.0	4.0					
			PP	06 32 25.0	-3.6					
			LN		M _s = 6.3	24.0	14.8			
			LE			24.0	12.5			
WHN	60.8	314	eP	06 30 32.5	-0.2					
			pP	06 30 43.5	1.4					
			S	06 38 47.0	1.5					
			SMN		m _b = 6.1	8.0	1.78			
			LN		M _s = 6.4	17.0	6.99			
			LE			20.0	14.0			
			LZ		M _s = 6.4	20.0	27.3			
DL2	61.5	325	P	06 30 36.5	-0.5					
			sP	06 30 50.0	-0.2					
			S	06 38 58.0	4.4					
			LN		M _s = 6.4	17.0	9.91			
			LE			17.0	8.98			
			LZ		M _s = 6.0	20.0	9.94			
MDJ	61.9	335	eP	06 30 39.8	0.1					
			pP	06 30 50.0	0.9					
			sP	06 30 54.0	1.1					
			S	06 39 00.0	1.3					
			sS	06 39 20.0	4.6					
			LN		M _s = 6.2	20.0	11.4			
			LZ		M _s = 6.1	24.0	17.1			
TIA	62.3	320	P	06 30 41.5	-1.5					
			sP	06 30 52.0	-4.3					
			S	06 39 08.0	3.2					
			LN		M _s = 6.2	20.0	5.54			
			LE			20.0	9.64			
			LZ		M _s = 6.0	22.0	12.2			
SNY	62.5	329	+P	06 30 44.0	0.0					
			PMZ		m _b = 6.2	5.0	1.62			
			pP	06 30 56.5	3.1					
			iS	06 39 09.0	1.9					
			SMN		m _b = 6.8	7.0	7.79			
			SME			9.0	3.68			
			LN		M _s = 6.4	19.0	9.85			
			LE			20.0	10.9			
			LZ		M _s = 6.0	22.0	11.8			
CN2	63.1	331	-iP	06 30 47.0	-0.8					
			PMZ		m _b = 6.6	6.0	4.30			
			pP	06 30 58.0	0.8					
			S	06 39 14.0	0.3					
			SME		m _b = 6.5	7.0	4.50			
			sS	06 39 30.0	-0.5					
			LZ		M _s = 6.3	24.0	23.0			
GYA	64.6	306	P	06 30 57.6	-0.1					
			pP	06 31 08.6	1.5					
			sP	06 31 12.8	1.9					
			PP	06 33 19.0	-1.8					
			S	06 39 38.0	5.5					
			ScS	06 40 44.0	-0.9					
			LN		M _s = 6.3	20.0	5.57			
			LE			20.0	12.2			
			LZ		M _s = 5.8	30.0	10.1			
BJI	65.4	323	eP	06 31 02.0	-0.6					
			PMZ		m _b = 5.8	10.0	1.30			
			epP	06 31 12.0	-0.1					
			ePP	06 33 28.0	0.1					
			eS	06 39 43.0	-0.3					
			esS	06 40 06.0	7.1					
			LN		M _s = 6.2	18.0	9.70			
			LZ		M _s = 6.2	24.0	17.5			
TIY	66.2	319	P	06 31 08.0	-0.4					
			pP	06 31 21.5	3.7					
			S	06 39 58.0	5.1					
			LN		M _s = 6.3	18.5	11.1			
			LZ		M _s = 6.2	20.0	15.4			
XAN	66.6	314	-P	06 31 09.3	-1.2					
			S	06 40 00.3	3.3					
			LN		M _s = 6.2	19.0	8.06			
KMI	67.2	303	-P	06 31 15.0	0.5					
			pP	06 31 28.5	4.8					
			sP	06 31 32.5	4.9					
			PcP	06 31 41.0	-0.4					
			ScP	06 35 39.0	-1.9					
			ScP	06 35 46.0	5.1					
			S	06 40 08.0	3.7					
			SS	06 44 28.0	2.4					
			LN		M _s = 6.2	18.0	7.60			
			LZ		M _s = 6.3	30.0	31.0			
HHC	68.6	321	P	06 31 23.6	0.1					
			pP	06 31 31.5	-1.2					
			SMN		m _b = 6.0	11.0	1.90			
			LN		M _s = 6.5	20.0	12.5			
			LE			20.0	10.8			
			LZ		M _s = 6.4	24.0	26.7			
CD2	68.9	309	-P	06 31 24.8	0.0					
			pP	06 31 37.0	2.8					
			S	06 40 28.0	3.7					
			LN		M _s = 6.1	17.0	6.43			
			LZ		M _s = 6.0	26.0	10.8			
BTO	69.4	321	-iP	06 31 29.0	0.5					
			sP	06 31 43.0	1.3					
			PP	06 34 04.0	0.6					
			S	06 40 34.0	2.8					
			SS	06 45 05.0	4.6					
			LN		M _s = 6.3	18.0	8.80			
			LE			18.0	4.50			
			LZ		M _s = 6.1	18.0	10.0			



LZH	71.2	314	eP	06 31	39.5	0.2		
			PMZ		$m_b = 6.0$	2.5	0.43	
			pP	06 31	52.0	3.5		
			S	06 40	57.0	5.2		
			SMN		$m_b = 6.2$	9.0	2.03	
			LN		$M_s = 6.4$	22.0	9.20	
			LE			21.0	11.1	
			LZ		$M_s = 6.4$	20.0	20.0	
GTA	75.6	315	-iP	06 32	05.2	0.3		
			PMZ		$m_b = 6.2$	5.0	1.57	
			sP	06 32	17.0	-1.0		
			PP	06 34	50.0	-5.3		
			S	06 41	47.0	5.9		
			LE		$M_s = 6.4$	20.0	11.3	
			LZ		$M_s = 6.2$	20.0	13.8	
LSA	78.4	303	-P	06 32	21.6	0.4		
			sP	06 32	36.0	2.0		
			SS	06 47	21.0	2.8		
			LN		$M_s = 6.4$	20.0	4.93	
			LE			22.0	10.1	
WMQ	85.6	316	-iP	06 32	57.5	-0.8		
			SKS	06 43	16.5	-0.4		
			LN		$M_s = 6.3$	17.0	4.46	
			LE			18.0	5.80	
			LZ		$M_s = 6.2$	18.0	9.69	
KSH	93.1	309	eP	06 33	33.0	-0.6		
			sP	06 33	49.0	2.2		
			ePP	06 37	22.0	3.6		
			PPMZ		$m_b = 6.7$	8.0	1.80	
			eS	06 44	35.0	-0.8		
			SMN		$m_b = 6.2$	10.0	2.20	
			LN		$M_s = 6.4$	20.0	8.20	
			LZ		$M_s = 6.4$	20.0	12.5	

FEB 14d 13h 05m $39.2 \pm 0.11s$, SD1.51 / 52
 17.31 S $\pm 2.54km$, 167.54 E $\pm 4.08km$, h37 $\pm 1.00km$
 Vanuatu (New Hebrides) (186)
 $M_s 5.3 / 3$, $m_b 5.1 / 2$,

SSE	65.6	317	eP	13 16	22.0	0.1		
			eS	13 25	06.0	2.7		
			LZ		$M_s = 4.8$	14.0	0.40	
WHN	69.9	313	eP	13 16	47.5	-1.3		
MDJ	70.7	332	eP	13 16	52.5	-1.3		
CN2	72.0	329	eP	13 17	01.0	-0.6		
GYA	73.4	305	P	13 17	10.6	0.4		
BJI	74.4	321	eP	13 17	15.0	-1.0		
			eS	13 26	46.0	-1.2		
TIY	75.3	318	P	13 17	21.0	-0.3		
			pP	13 17	30.0	-1.5		
			S	13 27	01.5	5.7		
			LN		$M_s = 5.3$	19.0	0.86	
			LZ		$M_s = 5.1$	18.0	0.85	
XAN	75.6	313	eP	13 17	22.5	-0.5		
KMI	75.9	302	eP	13 17	24.5	-0.2		
HHC	77.7	320	eP	13 17	35.0	0.2		
CD2	77.8	308	eP	13 17	34.6	-0.6		
BTO	78.5	319	eP	13 17	40.8	1.5		
LZH	80.2	313	eP	13 17	50.0	1.3		
			PMZ		$m_b = 5.2$	2.5	0.079	
GTA	84.6	314	-P	13 18	12.3	1.0		
			LZ		$M_s = 4.9$	23.0	0.60	
WMQ	94.7	314	P	13 18	59.5	0.7		

FEB 14d 13h 17m $34.1 \pm 0.12s$, SD2.19 / 34
 17.48 S $\pm 2.80km$, 167.58 E $\pm 3.97km$, h43 $\pm 1.34km$
 Vanuatu (New Hebrides) (186)

WHN	70.0	313	eP	13 28	43.0	-1.0		
MDJ	70.8	332	eP	13 28	48.0	-1.1		

CN2	72.1	329	P	13 28	55.2	-1.7		
BJI	74.6	322	eP	13 29	10.0	-1.2		
TIY	75.5	318	eP	13 29	17.0	0.6		
XAN	75.8	313	P	13 29	22.5	4.5		
LZH	80.4	313	eP	13 29	45.0	1.3		
GTA	84.8	314	P	13 30	07.5	1.3		
WMQ	94.8	314	P	13 30	54.3	0.6		

FEB 14d 13h 58m $58.7 \pm 0.12s$, SD1.42 / 14
 17.41 S $\pm 1.28km$, 167.76 E $\pm 1.04km$, h32 $\pm 0.58km$
 Vanuatu (New Hebrides) (186)

BJI	74.6	321	P	14 10	36.0	-1.3		
TIY	75.5	318	eP	14 10	42.7	0.1		
			LZ		$M_s = 4.8$	20.0	0.50	
GTA	84.9	314	eP	14 11	33.5	1.1		

FEB 14d 14h 53m $06.2 \pm 0.16s$, SD1.93 / 50
 17.47 S $\pm 3.04km$, 167.47 E $\pm 4.28km$, h40 $\pm 1.98km$
 Vanuatu (New Hebrides) (186)
 $M_s 5.1 / 5$, $m_b 5.2 / 2$,

SSE	65.6	317	eP	15 03	46.0	-3.0		
			eS	15 12	32.0	1.7		
			LE		$M_s = 5.1$	15.0	0.60	
			LZ		$M_s = 4.7$	16.0	0.40	
WHN	69.9	313	eP	15 04	15.5	-0.3		
			S	15 13	20.0	-0.4		
			LZ		$M_s = 5.0$	18.0	0.74	
MDJ	70.8	332	eP	15 04	20.5	-0.5		
CN2	72.1	329	eP	15 04	28.0	-0.8		
GYA	73.4	305	P	15 04	37.0	0.0		
BJI	74.5	322	eP	15 04	43.5	0.4		
			eS	15 14	14.0	-0.3		
TIY	75.4	318	eP	15 04	49.0	0.7		
			S	15 14	27.5	4.8		
			sS	15 14	36.0	-6.7		
			LN		$M_s = 5.3$	19.0	0.86	
			LZ		$M_s = 5.1$	18.0	0.85	
XAN	75.7	313	eP	15 04	49.1	-0.8		
KMI	75.9	302	eP	15 04	52.0	0.6		
			pP	15 04	57.0	-5.1		
			S	15 14	32.0	3.7		
			LZ		$M_s = 5.2$	20.0	1.30	
CD2	77.8	308	eP	15 05	02.6	0.6		
BTO	78.6	319	eP	15 05	11.2	4.9		
LZH	80.3	313	eP	15 05	15.0	-0.6		
			PMZ		$m_b = 5.2$	1.5	0.044	
GTA	84.7	314	eP	15 05	38.2	0.0		
			S	15 16	04.0	4.2		
			LN		$M_s = 5.1$	15.0	0.41	
			LZ		$M_s = 5.1$	19.0	0.74	
WMQ	94.8	314	eP	15 06	26.2	0.5		

FEB 14d 15h 04m $51.6 \pm 0.09s$, SD2.31 / 20
 36.26 N $\pm 1.08km$, 76.42 E $\pm 1.35km$, h29 $\pm 0.65km$
 Eastern Kashmir (302)
 $M_s 4.2 / 1$, $M_L 4.6 / 4$,

KSH	3.3	353	Pn	15 05	46.0	4.4		
			Sn	15 06	23.0	2.0		
			SMN		$M_L = 4.8$	0.5	2.10	
			SME			1.0	4.50	
WMQ	11.5	45	eP	15 07	36.5	-0.2		
			S	15 09	40.5	-4.0		
			LN		$M_s = 4.2$	6.0	0.40	
			LE			6.0	0.32	
GTA	18.7	73	eP	15 09	14.6	3.9		

FEB 14d 17h 10m $46.0 \pm 0.15s$, SD1.10 / 44
 17.41 S $\pm 1.37km$, 167.70 E $\pm 1.46km$, h11 $\pm 0.62km$



Vanuatu (New Hebrides) (186)					FEB 14d 20h 29m 45.7 ± 0.17s, SD2.65 / 17 43.50 N ± 2.27km, 102.73 E ± 1.26km, h13 ± 0.94km Mongolia (334)										
M _s 5.0 / 1, m _b 5.2 / 1,					M _s 3.4 / 1, M _L 4.4 / 10,										
WHN	70.0	313	eP	17 22 00.0	-0.7	GTA	4.6	209	iPn	20 31 00.7	4.6				
MDJ	70.8	332	eP	17 22 05.8	0.3				SME	M _L = 3.9	0.8 0.19				
CN2	72.1	329	eP	17 22 13.0	-0.4				LN	M _s = 3.4	8.0 0.46				
GYA	73.6	305	P	17 22 24.0	2.0	BTO	6.1	116	Pn	20 31 17.9	1.0				
BJI	74.6	321	eP	17 22 27.0	-0.8				Pg	20 31 36.7	2.4				
			eS	17 32 00.0	-2.6				Sg	20 32 59.3	0.9				
			eSKS	17 32 30.0	-0.1				SMN	M _L = 3.9	0.6 0.10				
TIY	75.5	318	eP	17 22 33.9	0.8				SME		0.6 0.060				
			S	17 32 17.0	5.9				SMZ	M _L = 4.0	0.6 0.070				
			LZ	M _s = 4.9	20.0	0.63			HHC	7.1	109	Pn	20 31 30.4	0.8	
XAN	75.8	313	-P	17 22 34.4	-0.4				Sn	20 32 50.8	-1.3				
CD2	78.0	308	eP	17 22 47.2	0.3				SMN	M _L = 4.4	0.8	0.20			
BTO	78.7	319	eP	17 22 52.2	1.2				SME		0.6	0.10			
LZH	80.4	312	eP	17 23 00.0	-0.4				LZH	7.5	173	Pn	20 31 38.0	3.1	
			PMZ	m _b = 5.2	2.0	0.055						SMN	M _L = 4.5	1.0	0.14
GTA	84.8	314	eP	17 23 23.5	0.5							SME		1.0	0.22
WMQ	94.9	314	eP	17 24 11.5	1.0				TIY	9.4	125	eP	20 32 07.1	3.2	
FEB 14d 18h 22m 25.6 ± 0.09s, SD2.21 / 59 43.28 N ± 1.41km, 102.58 E ± 1.05km, h13 ± 0.22km Mongolia (334)					FEB 15d 00h 05m 34.4 ± 0.06s, SD1.41 / 58 41.92 N ± 1.68km, 142.59 E ± 1.23km, h76 ± 0.97km Hokkaido region (224)										
M _s 4.3 / 10, M _L 5.0 / 8, m _b 5.0 / 1,					M _s 4.4 / 3, M _L 5.0 / 4,										
GTA	4.4	209	iPn	18 23 33.8	1.2				MDJ	9.9	290	eP	00 07 56.0	0.4	
			SMN		3.0	3.67			CN2	12.7	284	+P	00 08 34.5	0.5	
			SME		3.0	3.63			SNY	14.2	276	eP	00 08 50.0	-2.9	
			LN	M _s = 4.1	8.0	2.74			BJI	20.0	273	eP	00 10 01.5	-2.2	
BTO	6.2	113	Pn	18 23 57.6	0.7				TIA	20.5	262	-P	00 10 07.0	-2.2	
			Sn	18 25 10.4	1.0				NJ2	21.3	250	eP	00 10 18.5	1.6	
			SMN	M _L = 4.7	1.0	0.66			WHN	25.3	253	eP	00 10 56.5	0.4	
			SME		1.0	0.42						pP	00 11 15.0	1.9	
			SMZ	M _L = 4.8	1.0	0.42			XAN	27.5	265	eP	00 11 15.4	-1.1	
HHC	7.1	107	Pn	18 24 11.2	1.2				CD2	32.9	263	eP	00 12 02.7	-0.9	
			Sn	18 25 33.3	0.3				GYA	33.2	254	P	00 12 06.0	-0.6	
			SMN	M _L = 5.1	1.0	0.90			WMQ	39.7	292	P	00 13 02.0	1.1	
			SME		1.0	0.70			FEB 15d 01h 23m 32.2 ± 0.12s, SD2.51 / 38 42.44 N ± 1.66km, 84.64 E ± 1.34km, h33 ± 0.13km Southern Xinjiang Province (321)						
LZH	7.3	172	Pn	18 24 14.0	2.1				M _s 4.4 / 3, M _L 5.0 / 4,						
			SMN	M _L = 5.2	0.5	0.64			WMQ	2.6	58	iPn	01 24 14.2	1.4	
			SME		1.0	1.27						Sg	01 24 48.5	-6.6	
TIY	9.3	123	eP	18 24 46.3	3.0							SMN	M _L = 5.1	1.0	9.46
			LE	M _s = 4.1	10.0	0.99						SME		1.0	8.59
			LZ	M _s = 4.1	13.0	1.44			KSH	7.2	249	ePn	01 25 16.0	0.1	
XAN	10.5	150	eP	18 24 55.3	-3.6							eSn	01 26 40.0	1.6	
			LN	M _s = 4.3	7.0	0.64						LN	M _s = 4.5	6.0	2.40
			LE		7.0	0.63			GTA	11.9	100	P	01 26 22.6	0.1	
BJI	10.7	103	P	18 25 02.0	0.4							SMN		1.4	0.26
			SMN		1.5	0.21						SME		1.4	0.27
			SME		1.0	0.11						LZ	M _s = 4.0	7.5	0.50
			LN	M _s = 4.1	7.0	0.50			LZH	16.2	107	eP	01 27 20.0	1.2	
			LZ	M _s = 3.9	12.0	0.60			BTO	19.1	87	eP	01 27 58.0	3.0	
WMQ	10.8	278	eP	18 25 02.2	-1.4				HHC	20.2	85	eP	01 28 06.6	-0.2	
			SMN		1.0	0.24			XAN	20.8	106	eP	01 28 12.6	-0.7	
			SME		1.0	0.35			TIY	21.7	93	eP	01 28 26.2	3.3	
SNY	15.5	88	eP	18 26 06.4	0.0							LN	M _s = 4.4	10.0	0.47
WHN	15.8	140	eP	18 26 09.8	0.1							LZ	M _s = 4.1	18.0	0.61
			sP	18 26 17.3	-0.9				WHN	26.5	107	eP	01 29 07.0	-2.1	
			LE	M _s = 4.2	8.0	0.39			FEB 15d 04h 01m 14.7 ± 0.06s, SD1.53 / 12						
CN2	16.6	80	+P	18 26 19.3	-0.5										
			pP	18 26 25.0	0.3										
			LZ	M _s = 4.3	18.0	1.50									
GYA	17.1	167	P	18 26 29.0	2.4										
MDJ	19.5	77	eP	18 26 53.0	-2.2										
KSH	20.3	268	eP	18 27 08.2	3.6										
QZN	24.9	164	eP	18 27 52.0	1.5										
			eS	18 32 11.0	-0.1										
			LN	M _s = 4.4	13.0	0.49									

39.04 N ± 1.10km, 29.83 E ± 0.89km, h10 ± 0.35km
Turkey (366)

WMQ	42.9	64	eP	04 09 16.7	1.0
LZH	57.2	68	eP	04 11 04.0	-1.2

FEB 15d 04h 33m 04.8 ± 0.07s, SD1.70 / 38
38.24 N ± 1.90km, 141.75 E ± 1.50km, h69 ± 1.58km
Near east coast of Honshu (228)
m_b4.3 / 1,

MDJ	11.1	309	eP	04 35 40.0	-3.3
CN2	13.5	299	eP	04 36 12.0	-2.9
SSE	18.3	253	eP	04 37 16.5	0.5
			PMZ	m _b = 4.3	1.0 0.015
			pP	04 37 29.5	-1.0
TIA	19.7	272	eP	04 37 29.0	-2.4
HHC	23.4	286	eP	04 38 08.6	0.3
WHN	23.8	259	eP	04 38 11.4	-1.1
GYA	31.7	259	P	04 39 24.4	-0.2
WMQ	40.5	296	eP	04 40 40.5	1.1

FEB 15d 09h 49m 32.2 ± 0.10s, SD3.32 / 5
43.72 N ± 0.62km, 87.56 E ± 0.72km, h5 ± 0.61km
Northern Xinjiang Province (332)
M_L3.7 / 4,

WMQ	0.1	48	Pg	09 49 35.4	0.5
			Sg	09 49 39.0	2.2

FEB 15d 10h 10m 07.7 ± 0.08s, SD1.50 / 17
37.23 N ± 1.97km, 50.22 E ± 1.20km, h54 ± 0.32km
Western Iran (347)

KSH	20.3	76	eP	10 14 40.5	-1.2
WMQ	29.1	65	eP	10 16 04.5	-1.1
XAN	47.2	75	eP	10 18 36.8	-0.4

FEB 15d 10h 28m 43.9 ± 0.08s, SD1.18 / 52
2.50 N ± 1.15km, 126.61 E ± 1.95km, h33 ± 0.27km
Molucca Passage (266)
m_b5.1 / 2,

WHN	30.2	339	-P	10 34 55.5	1.6
NJ2	30.3	347	eP	10 34 55.5	0.9
TIA	34.7	346	eP	10 35 32.0	-0.9
XAN	35.5	334	eP	10 35 38.3	-1.3
CD2	35.6	325	eP	10 35 39.5	-1.1
DL2	36.5	353	eP	10 35 49.7	1.2
TIY	37.4	341	eP	10 35 55.8	-0.1
BJI	38.5	347	eP	10 36 05.5	0.0
SNY	39.2	356	+P	10 36 12.3	1.0
LZH	39.5	330	eP	10 36 14.5	0.8
			PMZ	m _b = 5.2	1.5 0.066
			LZ	M _S = 4.6	30.0 1.30
HHC	40.5	342	eP	10 36 22.2	0.1
			LZ	M _S = 4.7	30.0 1.60
BTO	40.8	341	eP	10 36 26.6	2.3
CN2	41.1	359	eP	10 36 28.5	1.5
MDJ	42.0	3	eP	10 36 34.5	0.2
GTA	44.1	330	P	10 36 51.0	-0.3
WMQ	53.7	326	eP	10 38 05.0	-0.1

FEB 15d 23h 44m 22.8 ± 0.11s, SD2.55 / 9
46.04 N ± 0.73km, 90.41 E ± 0.74km, h3 ± 0.39km
Northern Xinjiang Province (332)
M_L3.5 / 7,

WMQ	2.9	222	Pn	23 45 12.6	1.8
			Pg	23 45 16.2	1.5
			Sn	23 45 49.2	0.7
			Sg	23 45 54.8	-0.2
			SMN	M _L = 3.5	0.4 0.18
GTA	9.6	130	P	23 46 43.0	-1.9

SMN
SME

FEB 16d 01h 15m 05.6 ± 0.10s, SD1.58 / 22
9.97 N ± 1.75km, 126.39 E ± 3.02km, h34 ± 0.41km
Mindanao (259)
M_S5.6 / 1,

SSE	21.6	348	eP	01 19 55.0	0.5
			pP	01 20 05.5	2.1
			eS	01 23 48.0	1.3
WHN	23.3	333	eP	01 20 13.5	1.5
GYA	24.8	314	P	01 20 27.6	0.9
XAN	28.8	329	P	01 21 02.0	-1.2
			LN	M _S = 5.6	13.0 6.59
LZH	33.1	325	P	01 21 42.0	1.0
GTA	37.7	325	P	01 22 19.7	-0.5

FEB 16d 05h 17m 30.6 ± 0.17s, SD1.00 / 28
21.35 S ± 2.88km, 173.95 W ± 1.08km, h39 ± 0.54km
Tonga (173)

MDJ	83.4	323	eP	05 29 56.5	0.4
CN2	85.3	321	eP	05 30 05.0	-0.6
BJI	89.2	314	eP	05 30 24.0	-0.3
TIY	90.7	310	eP	05 30 31.9	0.4
XAN	91.7	306	P	05 30 36.0	0.0
KMI	93.1	296	+P	05 30 43.5	0.7

FEB 16d 06h 57m 46.6 ± 0.14s, SD1.21 / 42
29.20 S ± 0.75km, 178.54 W ± 1.44km, h205 ± 1.12km
Kermadec Islands region (177)

WHN	87.2	307	eP	07 10 12.5	0.7
			pP	07 11 01.7	0.4
			sP	07 11 23.3	0.5
TIA	88.8	313	eP	07 10 19.8	0.7
CN2	88.9	323	-P	07 10 19.0	-0.6
			pP	07 11 12.0	2.8
			S	07 20 47.0	0.6
GYA	90.5	300	P	07 10 26.0	-1.4
BJI	91.7	316	+iP	07 10 33.0	0.2
			epP	07 11 24.0	1.5
			eS	07 21 13.0	-0.4
TIY	92.7	312	+P	07 10 38.0	0.6
XAN	93.0	308	eP	07 10 39.2	0.4
CD2	95.0	303	eP	07 10 49.2	1.2

FEB 16d 09h 57m 58.3 ± 0.11s, SD1.46 / 82
5.86 N ± 1.22km, 125.81 E ± 2.15km, h122 ± 0.86km
Mindanao (259)
m_b4.8 / 5,

QZN	20.3	311	eP	10 02 27.5	0.5
			PP	10 02 52.0	-1.5
			eS	10 06 05.0	1.7
			SS	10 06 37.0	-4.6
			LN		12.0 0.94
GZH	20.9	326	eP	10 02 34.0	1.0
SSE	25.5	351	P	10 03 21.0	4.0
			PMZ	m _b = 4.8	1.0 0.024
			PP	10 03 59.0	-2.7
			eS	10 07 40.0	6.9
			sS	10 08 24.0	5.9
WHN	26.8	338	eP	10 03 29.8	0.4
			pP	10 03 55.5	0.3
NJ2	26.9	347	+P	10 03 35.4	5.7
GYA	27.5	320	P	10 03 36.0	0.7
			pP	10 04 05.0	4.0
			PcP	10 06 50.8	0.4
			S	10 08 11.0	6.5
KMI	29.3	313	-P	10 03 52.5	1.0

		LN		$M_s = 5.6$	30.0	6.80	HHC	29.4	275	IP	21 56	35.0	0.9					
		LE			30.0	5.90				sS	22 01	49.0	-5.9					
		LZ		$M_s = 5.6$	30.0	11.5				LN		$M_B = 4.9$	14.0	1.10				
CN2	41.0	359	eP	19 50	26.0	0.5				LE			15.0	1.00				
MDJ	41.9	3	+P	19 50	33.3	0.5				LZ		$M_B = 4.8$	14.0	1.70				
			sP	19 50	56.0	3.4			TIY	30.1	269	-iP	21 56	41.4	1.0			
			S	19 56	52.0	6.7						pP	21 57	05.0	4.7			
			LZ		$M_s = 4.8$	30.0	2.10					S	22 01	35.0	4.4			
LSA	43.1	312	eP	19 50	43.3	0.2						sS	22 02	00.0	-6.4			
			eS	19 57	03.5	-1.1						LE		$M_B = 4.6$	13.0	0.63		
			SME		$m_B = 5.4$	8.0	0.47					LZ		$M_B = 4.6$	24.0	1.77		
GTA	44.0	330	eP	19 50	49.3	-0.7			BTO	30.6	276	P	21 56	45.0	0.5			
			LZ		$M_s = 5.1$	27.0	3.18					pP	21 57	08.0	3.6			
WMQ	53.5	326	eP	19 52	02.5	-1.4						S	22 01	40.0	2.2			
			eS	19 59	29.5	-1.4						LN		$M_B = 5.0$	15.0	1.10		
			LZ		$M_s = 4.9$	26.0	1.41					LE			15.0	1.10		
KSH	58.8	316	eP	19 52	41.0	-0.4						LZ		$M_B = 4.8$	15.0	1.70		
<p>FEB 16d 20h 26m $02.3 \pm 0.20s$, $SD0.70 / 10$ $2.75 N \pm 9.26km$, $126.44 E \pm 1.88km$, $h37 \pm 4.68km$ Talaud Islands (263)</p>							WHN	32.6	256	eP	21 57	01.5	-1.0					
TIY	37.1	341	+P	20 33	11.4	-0.2						pP	21 57	24.0	1.3			
BJI	38.3	347	P	20 33	21.5	0.2						eS	22 02	08.0	-3.1			
LZH	39.2	331	P	20 33	29.5	0.3						LZ		$M_B = 4.6$	28.0	1.56		
<p>FEB 16d 21h 50m $36.7 \pm 0.09s$, $SD1.49 / 97$ $45.51 N \pm 2.36km$, $151.66 E \pm 1.71km$, $h89 \pm 0.53km$ Kurile Islands (221) $M_s 4.9 / 12$, $m_B 5.7 / 10$, $m_b 5.7 / 7$,</p>							QZH	33.6	244	eP	21 57	10.5	0.0					
MDJ	15.6	275	-P	21 54	11.0	-2.0			XAN	34.4	266	P	21 57	18.2	0.4			
			pP	21 54	24.0	-3.0						S	22 02	41.7	4.1			
			S	21 57	02.0	-1.1						LZH	36.9	272	iP	21 57	40.5	1.3
			SS	21 57	22.0	-2.3						PMZ		$m_b = 5.7$	1.0	0.14		
			LZ		$M_s = 4.4$	25.0	2.80					sP	21 58	07.0	-3.4			
CN2	18.7	274	-iP	21 54	50.0	-0.7						eS	22 03	15.0	-2.5			
			pP	21 55	06.0	-0.1						SMN		$m_B = 5.7$	6.0	1.00		
			eS	21 58	10.0	-3.1						LZ		$M_B = 4.6$	30.0	1.60		
			LZ		$M_s = 4.6$	16.0	2.30			GTA	38.2	280	+iP	21 57	51.2	1.6		
SNY	20.6	270	-iP	21 55	10.0	-0.8						PMZ		$m_b = 6.1$	2.0	0.59		
			pP	21 55	30.2	1.2						sP	21 58	20.0	-0.9			
			PP	21 55	34.5	-1.6						PcP	22 00	03.6	1.2			
			iS	21 58	52.0	0.7						S	22 03	38.7	3.5			
			SMN		$m_B = 6.0$	10.0	3.39					sS	22 04	15.0	3.0			
			SME			12.0	3.29					ScS	22 07	53.7	4.7			
			LE		$M_s = 4.6$	24.0	2.17			GZH	38.2	247	P	21 57	54.8	4.8		
			LZ		$M_s = 4.6$	24.0	2.92			CD2	39.8	265	+iP	21 58	03.3	0.5		
DL2	23.1	264	eP	21 55	37.6	1.9						sP	21 58	30.0	-4.3			
			S	21 59	42.0	6.0						S	22 03	59.0	-0.2			
			SMN		$m_B = 5.9$	12.0	2.50					sS	22 04	32.0	-4.1			
			SME			12.0	1.88			GYA	40.5	258	P	21 58	08.4	-0.1		
			sS	22 00	08.0	-1.7						pP	21 58	32.0	2.9			
			LZ		$M_s = 4.2$	30.0	1.10					PcP	22 00	10.0	0.3			
BJI	26.5	271	eP	21 56	07.5	0.0						S	22 04	10.0	0.5			
			PMZ			3.0	1.00					sS	22 04	49.0	2.6			
			epP	21 56	30.0	2.8						+P	21 58	37.0	-0.8			
			eS	22 00	34.0	0.9						sP	21 59	08.0	-1.1			
			ePcS	22 03	07.5	-2.8						iS	22 05	06.0	2.8			
			LZ		$M_s = 4.6$	26.0	2.00					SME		$m_B = 5.5$	7.0	0.50		
TIA	27.5	263	eP	21 56	17.5	0.1				WMQ	44.4	292	+iP	21 58	42.7	1.8		
			S	22 00	54.0	4.2						S	22 05	11.5	3.8			
SSE	27.7	249	P	21 56	18.7	-0.2						+P	21 59	21.3	1.6			
			PMZ		$m_b = 5.3$	1.5	0.096					PcP	22 00	42.0	1.7			
			eS	22 00	52.0	-1.3						PP	22 01	17.5	2.9			
			sS	22 01	30.0	2.1						S	22 06	23.5	6.5			
			LZ		$M_s = 4.5$	24.0	1.50					SME		$m_B = 5.7$	6.0	0.62		
NJ2	28.7	254	+P	21 56	31.6	4.1				KSH	54.2	292	P	21 59	57.6	1.5		
			S	22 01	11.0	3.1						PcP	22 00	59.0	0.5			
			LZ		$M_s = 4.5$	28.0	1.63					eS	22 07	31.0	5.7			
<p>FEB 16d 23h 29m $32.1 \pm 0.07s$, $SD1.14 / 60$ $2.61 N \pm 1.08km$, $126.52 E \pm 2.06km$, $h33 \pm 0.08km$ Molucca Passage (266) $m_b 5.0 / 1$,</p>							WHN	30.1	339	eP	23 35	43.0	2.1					



GYA	30.4	323	P	23 35 44.6	0.4		
XAN	35.3	334	P	23 36 23.8	-2.9		
CD2	35.4	325	eP	23 36 29.2	1.6		
DL2	36.4	354	eP	23 36 37.4	1.7		
TIY	37.3	341	eP	23 36 41.7	-1.3		
BJI	38.4	347	eP	23 36 52.5	-0.2		
SNY	39.1	357	eP	23 36 59.4	0.8		
LZH	39.4	331	eP	23 37 00.0	-0.7		
			PMZ	$m_b = 5.0$		2.0	0.055
HHC	40.4	342	eP	23 37 09.0	-0.2		
BTO	40.7	341	eP	23 37 11.8	0.4		
MDJ	41.9	3	eP	23 37 22.3	0.6		
LSA	43.0	312	P	23 37 32.2	0.9		
GTA	44.0	330	eP	23 37 38.2	-0.2		
WMQ	53.5	326	eP	23 38 52.0	-0.3		
KSH	58.7	316	eP	23 39 30.5	0.7		

BJI	40.4	348	LZ		$M_s = 4.5$		
			eP	01 22 04.5	0.5		
			esP	01 22 18.0	-0.7		
			eS	01 28 12.0	2.1		
LZH	41.1	332	LZ		$M_s = 4.7$	24.0	1.40
			eP	01 22 11.0	1.1		
			PMZ		$m_b = 5.6$	1.5	0.13
			S	01 28 19.0	-0.1		
			LN		$M_s = 5.1$	16.0	1.03
			LE			17.0	0.80
SNY	41.2	357	LZ		$M_s = 5.0$	22.0	2.40
			eP	01 22 10.8	0.3		
			S	01 28 21.0	0.4		
			LN		$M_s = 5.0$	28.0	1.98
			LZ		$M_s = 4.9$	26.0	2.17
HHC	42.4	343	eP	01 22 20.8	0.9		
			eS	01 28 39.0	0.5		
			LN		$M_s = 5.4$	25.0	2.80
			LE			25.0	3.10
BTO	42.6	342	eP	01 22 23.0	1.1		
			sP	01 22 34.5	-1.9		
			eS	01 28 45.0	3.1		
			LN		$M_s = 5.1$	15.0	0.80
			LE			15.0	0.90
CN2	43.1	359	+P	01 22 26.0	-0.2		
			epP	01 22 35.0	-1.5		
			eS	01 28 52.0	2.4		
MDJ	44.0	3	LZ		$M_s = 4.9$	22.0	1.90
			eP	01 22 33.6	0.1		
			pP	01 22 39.0	-4.8		
			S	01 29 07.0	5.3		
			LZ		$M_s = 4.8$	20.0	1.33
LSA	44.3	314	P	01 22 36.7	0.3		
			S	01 29 07.0	0.8		
GTA	45.7	331	eP	01 22 44.8	-2.1		
			LE		$M_s = 5.1$	16.0	1.23
WMQ	55.2	327	+iP	01 23 58.7	-0.2		
			S	01 31 39.0	2.4		
			ScS	01 33 43.0	2.6		
			LZ		$M_s = 5.1$	24.0	2.10
KSH	60.1	317	P	01 24 33.9	0.0		

FEB 17d 01h 14m 27.2 ± 0.11s, SD1.08 / 92
 0.48 N ± 1.20km, 126.35 E ± 1.66km, h38 ± 0.53km
 Molucca Sea (269)
 $M_s 5.1 / 13, m_b 5.2 / 2,$

QZN	24.5	320	eP	01 19 45.4	0.7		
			sP	01 20 03.5	4.6		
			eS	01 24 02.0	1.9		
			SS	01 24 57.0	1.4		
			LN		$M_s = 4.9$	20.0	2.40
QZH	25.4	343	eP	01 19 54.5	1.1		
			S	01 24 16.0	1.3		
			LZ		$M_s = 4.7$	24.0	2.70
GZH	25.8	332	eP	01 19 56.3	-0.3		
			LZ		$M_s = 4.9$	24.0	3.74
SSE	30.8	351	eP	01 20 43.5	1.3		
			pP	01 20 53.5	1.3		
			eS	01 25 42.0	0.0		
			SMN			16.0	0.89
			LZ		$M_s = 4.8$	24.0	2.61
WHN	32.0	340	eP	01 20 53.0	0.6		
			pP	01 21 02.5	0.1		
			sP	01 21 07.0	0.2		
			S	01 26 00.0	0.6		
			LZ		$M_s = 4.7$	30.0	2.49
GYA	32.0	325	P	01 20 52.8	-0.1		
			pP	01 21 01.0	-1.7		
			PcP	01 23 42.4	1.1		
			S	01 26 00.0	0.0		
			ScP	01 27 23.6	3.3		
			LN		$M_s = 5.0$	16.0	0.81
			LE			16.0	1.18
			LZ		$M_s = 4.7$	24.0	1.90
NJ2	32.2	348	eP	01 20 56.0	1.9		
			S	01 26 04.0	1.6		
			LZ		$M_s = 4.6$	30.0	1.71
TIA	36.6	347	P	01 21 32.1	0.4		
			S	01 27 12.0	1.8		
			LZ		$M_s = 4.7$	28.0	1.80
CD2	37.1	327	eP	01 21 35.3	-0.7		
			S	01 27 17.0	-1.1		
			LZ		$M_s = 4.8$	25.0	2.05
XAN	37.2	336	P	01 21 37.3	0.6		
			S	01 27 20.0	0.6		
DL2	38.5	354	eP	01 21 43.9	-3.8		
			S	01 27 40.0	0.6		
			LZ		$M_s = 4.6$	22.0	0.95
TIY	39.2	342	-iP	01 21 53.5	-0.3		
			PP	01 23 32.5	4.6		
			S	01 27 55.0	4.6		
			sS	01 28 08.5	0.0		
			LN		$M_s = 5.3$	26.0	3.85

FEB 17d 04h 01m 05.9 ± 0.06s, SD1.18 / 55
 49.90 N ± 0.98km, 78.02 E ± 0.92km, h0 ± 0.20km
 Eastern Kazakhstan (329)
 $M_L 5.1 / 6, m_b 5.1 / 3,$

WMQ	9.0	129	iP	04 03 19.2	-1.1		
			SMN			0.8	0.24
			SME			1.0	0.26
GTA	18.6	116	+P	04 05 27.2	-0.3		
			SMN			1.2	0.012
			SME			1.2	0.013
BTO	24.2	100	eP	04 06 27.0	1.5		
HHC	25.1	98	P	04 06 35.4	1.6		
CD2	27.1	125	P	04 06 53.1	0.9		
TIY	27.4	103	-P	04 06 55.4	-0.1		
XAN	27.7	113	P	04 06 58.3	0.6		
BJI	28.5	96	eP	04 07 06.0	1.1		
GYA	32.1	126	P	04 07 37.6	-0.1		
WHN	33.4	112	-iP	04 07 48.5	0.2		
			PMZ		$m_b = 5.7$	0.5	0.060
NJ2	35.1	105	eP	04 08 03.0	-0.1		

FEB 17d 05h 01m 43.0 ± 0.11s, SD0.99 / 45
 21.84 S ± 0.99km, 176.34 W ± 1.37km, h141 ± 0.60km
 South of Fiji (171)

MDJ	82.5	324	eP	05 13 51.5	-0.5		
CN2	84.3	322	+iP	05 14 01.0	-0.1		

WHN	84.5	306	-P	05 13 59.2	-2.7		
BJI	87.9	315	eP	05 14 19.0	0.3		
GYA	88.7	299	P	05 14 22.6	0.3		
TIY	89.3	311	+P	05 14 26.2	0.8		
HHC	91.4	314	P	05 14 35.6	0.4		
BTO	92.3	313	eP	05 14 40.4	1.0		

HHC	40.6	342	eP	00 57 21.0	1.0		
BTO	40.9	340	eP	00 57 22.8	0.6		
CN2	41.2	359	eP	00 57 24.0	-0.6		
MDJ	42.1	3	+P	00 57 32.5	0.8		
			sP	00 57 50.5	5.5		
			S	01 03 45.0	-3.0		
			LZ			$M_s=4.7$	30.0 1.57
LSA	43.3	312	P	00 57 43.7	1.2		
			eS	01 04 08.0	-0.2		
GTA	44.2	330	P	00 57 49.4	0.0		
			PP	00 59 34.7	0.9		
			LE			$M_s=5.2$	22.0 1.99
WMQ	53.8	326	-iP	00 59 03.0	-0.2		
			LZ			$M_s=4.8$	24.0 0.97
KSH	59.0	316	eP	00 59 41.0	0.4		

FEB 17d 13h 23m $07.5 \pm 0.06s$, SD1.53 / 10
 32.27 N $\pm 0.53km$, 101.73 E $\pm 0.45km$, h17 $\pm 0.21km$
 Sichuan Province (307)
 $M_L 3.4 / 6$,
 CD2 2.2 127 iPg 13 23 45.6 -1.0
 Sg 13 24 14.5 -2.1
 SMN $M_L=3.2$ 1.0 0.21
 SME 0.9 0.14
 LZH 4.2 24 ePg 13 24 22.0 0.1

FEB 18d 01h 11m $15.9 \pm 0.09s$, SD1.20 / 44
 2.53 N $\pm 1.23km$, 126.95 E $\pm 1.91km$, h33 $\pm 0.28km$
 Molucca Passage (266)
 WHN 30.3 338 eP 01 17 29.4 2.6
 CD2 35.7 325 eP 01 18 13.3 -0.8
 TIY 37.5 341 eP 01 18 29.0 0.3
 S 01 24 15.0 1.0
 LZ $M_s=4.3$ 30.0 0.78
 BJI 38.6 347 eP 01 18 38.5 0.5
 MDJ 42.0 3 +P 01 19 07.2 1.2
 sP 01 19 25.5 6.3
 GTA 44.2 330 eP 01 19 23.8 -0.8
 WMQ 53.8 325 P 01 20 37.9 -0.5

FEB 17d 15h 12m $52.1 \pm 0.37s$, SD2.59 / 37
 17.43 S $\pm 3.97km$, 72.51 W $\pm 1.47km$, h26 $\pm 2.92km$
 Off coast of Peru (114)
 KSH 144.9 45 ePKP 15 32 28.0 -0.1
 PP 15 35 50.0 1.8
 MDJ 147.2 330 ePKP 15 32 32.5 0.6
 WMQ 148.8 28 PKP 15 32 37.0 2.4
 CN2 149.6 334 ePKP 15 32 38.0 2.1
 SNY 152.0 334 ePKP 15 32 45.6 6.1
 WHN 165.5 336 ePKP 15 32 54.0 -1.3
 CD2 166.2 14 ePKP 15 32 57.5 1.5

FEB 18d 03h 11m $09.2 \pm 0.07s$, SD2.38 / 16
 38.45 N $\pm 0.89km$, 98.28 E $\pm 0.74km$, h16 $\pm 0.05km$
 Qinghai Province (325)
 $M_L 4.0 / 7$,
 GTA 1.5 51 iPg 03 11 37.6 1.1
 Sg 03 12 03.0 5.6
 SMN $M_L=3.4$ 1.0 0.41
 SME 1.0 0.47
 LN 7.0 2.08
 LZH 5.0 116 Pn 03 12 27.5 2.9
 Pg 03 12 42.5 4.6
 Sg 03 13 51.0 4.3
 SMN 2.0 0.25
 SME 2.0 0.16
 BTO 9.3 73 eP 03 13 27.8 1.5
 WMQ 9.6 307 -iP 03 13 28.7 -1.5
 S 03 15 20.0 1.5
 SMN 1.0 0.030
 SME 0.8 0.030

FEB 17d 17h 42m $50.1 \pm 0.05s$, SD1.21 / 12
 7.30 S $\pm 1.15km$, 106.48 E $\pm 1.06km$, h32 $\pm 0.17km$
 Java (277)
 GTA 46.9 353 eP 17 51 19.5 -0.3
 CN2 53.7 17 eP 17 52 10.6 -1.0

FEB 18d 00h 49m $40.9 \pm 0.07s$, SD1.10 / 72
 2.44 N $\pm 1.20km$, 126.77 E $\pm 2.06km$, h32 $\pm 0.03km$
 Molucca Passage (266)
 $M_s 5.0 / 5$, $m_b 5.3 / 1$,
 QZN 23.4 316 eP 00 54 49.0 1.3
 eS 00 58 50.0 -5.0
 SS 00 59 47.0 5.3
 LN $M_s=4.6$ 13.0 0.82
 GZH 24.3 329 +P 00 54 57.8 1.1
 WHN 30.3 338 eP 00 55 51.5 -0.4
 eS 01 00 46.0 -3.0
 LZ $M_s=4.8$ 26.0 2.95
 NJ2 30.4 347 eP 00 55 52.0 -0.4
 GYA 30.7 323 eP 00 55 56.0 0.5
 KMI 32.3 316 +P 00 56 11.0 1.2
 sP 00 56 26.5 3.9
 TIA 34.8 346 eP 00 56 30.0 -0.7
 CD2 35.7 325 P 00 56 38.4 -0.4
 TIY 37.5 341 P 00 56 52.9 -0.9
 S 01 02 41.0 1.7
 LN $M_s=5.3$ 25.0 3.92
 LZ $M_s=4.7$ 26.0 1.71
 BJI 38.6 347 eP 00 57 03.5 0.2
 eS 01 02 54.0 -3.7
 LZ $M_s=4.4$ 24.0 0.65
 SNY 39.3 356 eP 00 57 09.5 0.6
 S 01 03 08.0 1.0
 LN $M_s=4.9$ 26.0 1.15
 LE 28.0 0.97
 LZ $M_s=4.6$ 28.0 1.27
 LZH 39.6 330 eP 00 57 12.0 0.2
 PMZ $m_b=5.3$ 2.0 0.11
 LZ $M_s=4.9$ 27.0 2.40

FEB 18d 06h 27m $13.5 \pm 0.08s$, SD1.14 / 30
 2.64 N $\pm 1.05km$, 126.81 E $\pm 1.54km$, h32 $\pm 0.26km$
 Molucca Passage (266)
 WHN 30.2 338 eP 06 33 24.5 1.5
 CD2 35.6 325 eP 06 34 09.0 -1.2
 TIY 37.3 341 eP 06 34 25.5 0.6
 BJI 38.5 347 eP 06 34 35.5 1.1
 SNY 39.1 356 -iP 06 34 41.2 1.3
 CN2 41.0 358 eP 06 34 56.0 0.4
 MDJ 41.9 3 eP 06 35 03.0 0.3

FEB 18d 09h 20m $13.7 \pm 0.15s$, SD1.28 / 31
 20.35 S $\pm 3.11km$, 177.69 W $\pm 2.32km$, h511 $\pm 0.45km$
 Fiji region (181)
 MDJ 80.6 325 eP 09 31 34.5 0.3
 CN2 82.4 322 -P 09 31 43.0 -0.4
 WHN 82.6 306 eP 09 31 45.5 1.0
 BJI 86.0 315 eP 09 32 01.0 -0.2



Station	Mag	Depth (km)	Type	Time	Mag	Depth (km)	Type	Time	Mag	Depth (km)	Type	Time
GYA	86.8	300	P	09 32 06.2	0.9							
<p>FEB 18d 11h 01m 45.2 ± 0.14s, SD1.79 / 93 7.64 N ± 2.22km, 94.01 E ± 2.11km, h33 ± 0.17km Nicobar Islands region (704) M_s5.5 / 39, m_b5.6 / 4, m_b5.4 / 2,</p>												
QZN	19.1	52	eP	11 06 07.2	-0.9							
			S	11 09 34.0	-1.7							
			sS	11 09 48.0	-0.4							
			LN	M _s = 5.6	11.0	11.6						
KMI	19.3	25	eP	11 06 12.0	1.6							
			sP	11 06 25.0	2.6							
			S	11 09 44.0	4.2							
			SME	m _b = 5.4	8.2	1.20						
			sS	11 09 57.0	4.5							
			LN	M _s = 5.1	13.0	3.50						
			LZ	M _s = 5.2	15.0	7.90						
LSA	22.1	353	P	11 06 37.6	-2.4							
			S	11 10 40.3	4.5							
			LE	M _s = 4.7	14.0	1.17						
GYA	22.2	31	P	11 06 41.2	0.1							
			pP	11 06 48.0	-1.8							
			SMN	m _b = 5.8	8.0	1.66						
			SME		8.0	2.08						
			LN	M _s = 5.7	12.0	6.11						
			LE		12.0	8.03						
			LZ	M _s = 5.1	14.0	4.70						
GZH	24.1	48	eP	11 07 01.5	2.5							
			LN	M _s = 5.7	10.0	2.71						
			LE		12.0	9.14						
			LZ	M _s = 5.3	15.0	7.32						
CD2	24.9	20	eP	11 07 05.6	-1.1							
			eS	11 11 24.0	-1.3							
			sS	11 11 42.7	3.0							
			LE	M _s = 5.6	10.0	6.16						
			LZ	M _s = 5.0	15.0	3.09						
WHN	29.7	37	eP	11 07 49.0	-1.6							
			PMZ	m _b = 5.3	1.0	0.063						
			pP	11 07 58.0	-1.8							
			eS	11 12 43.0	-0.3							
			sS	11 12 53.0	-5.5							
			LN	M _s = 5.5	10.0	2.48						
			LE		12.0	3.66						
			LZ	M _s = 5.3	16.0	5.99						
LZH	29.7	16	eP	11 07 49.0	-1.9							
			PMZ	m _b = 5.5	1.5	0.14						
			eS	11 12 40.0	-3.8							
			LN	M _s = 5.3	12.0	1.80						
			LE		10.0	1.40						
			LZ	M _s = 4.7	28.0	2.70						
GTA	32.1	8	P	11 08 09.8	-1.9							
			eS	11 13 24.0	3.2							
			PcS	11 14 45.0	1.4							
			ScS	11 18 41.8	4.7							
			LE	M _s = 5.1	11.0	1.36						
			LZ	M _s = 4.8	22.0	2.02						
NJ2	33.5	40	+P	11 08 26.2	1.9							
			LN	M _s = 5.5	13.0	2.63						
			LE		13.0	2.76						
			LZ	M _s = 5.1	14.0	2.67						
TIY	34.3	26	eP	11 08 33.4	2.5							
			S	11 13 59.0	4.9							
			LN	M _s = 5.7	14.0	6.36						
			LZ	M _s = 5.7	14.0	10.5						
SSE	34.5	44	P	11 08 31.1	-1.3							
			pP	11 08 39.0	-2.7							
			S	11 13 58.0	0.8							
			LN	M _s = 5.6	12.0	3.50						
			LE									
			LZ	M _s = 5.3	12.0	2.60						
KSH	35.7	336	eP	11 08 43.5	0.8							
			eS	11 14 16.0	-0.5							
			LE	M _s = 5.3	6.0	0.90						
BTO	35.8	21	eP	11 08 45.0	1.2							
			pP	11 08 54.0	1.1							
			eS	11 14 19.0	0.4							
			eSS	11 16 43.0	3.4							
			LN	M _s = 5.5	12.0	2.50						
			LE		12.0	2.20						
			LZ	M _s = 5.0	14.0	1.80						
WMQ	36.5	352	P	11 08 48.4	-1.0							
			S	11 14 27.5	-0.1							
			LZ	M _s = 4.7	28.0	1.80						
HHC	36.6	23	P	11 08 49.7	-0.8							
			S	11 14 34.0	4.4							
			LN	M _s = 5.5	15.0	1.30						
			LE		13.0	2.90						
			LZ	M _s = 5.2	17.0	3.80						
BJI	37.9	28	eP	11 09 01.0	-0.2							
			ePP	11 10 32.0	1.4							
			eS	11 14 50.0	-0.2							
			LN	M _s = 5.2	13.0	1.20						
			LE		13.0	1.20						
			LZ	M _s = 4.9	18.0	1.80						
DL2	39.8	34	eP	11 09 20.0	2.5							
			eS	11 15 24.0	4.1							
			LN	M _s = 5.3	12.0	1.02						
			LE		12.0	1.33						
			LZ	M _s = 5.1	11.0	1.59						
SNY	42.9	33	+P	11 09 45.1	2.0							
			S	11 16 10.0	5.2							
			LN	M _s = 5.4	15.0	2.06						
			LE		13.0	1.29						
			LZ	M _s = 5.3	16.0	3.29						
CN2	45.3	32	eP	11 10 02.3	0.2							
			epP	11 10 12.5	1.1							
			eS	11 16 39.0	-1.0							
			SME	m _b = 5.9	5.0	0.90						
			LN	M _s = 5.4	14.0	1.90						
			LZ	M _s = 5.2	15.0	2.30						
MDJ	48.1	34	eP	11 10 26.5	2.5							
			pP	11 10 34.0	0.7							
			S	11 17 18.0	-0.5							
			SS	11 20 45.0	2.5							
			LZ	M _s = 5.2	15.0	2.18						
<p>FEB 18d 13h 13m 33.4 ± 0.14s, SD1.61 / 39 9.61 N ± 4.50km, 57.92 E ± 2.99km, h13 ± 0.73km Carlsberg Ridge (421) M_s5.1 / 3,</p>												
KSH	33.8	25	eP	13 20 18.0	-0.2							
			eS	13 25 42.0	0.7							
			LN	M _s = 5.1	14.0	1.80						
WMQ	42.8	32	eP	13 21 37.5	4.5							
CD2	47.5	57	eP	13 22 10.9	0.0							
GTA	47.7	44	eP	13 22 10.0	-2.1							
GYA	49.0	63	P	13 22 22.0	-0.2							
LZH	49.2	50	eP	13 22 24.5	0.1							
BTO	55.3	47	eP	13 23 10.0	0.0							
TIY	56.3	51	eP	13 23 16.5	-0.3							
			S	13 31 08.0	4.1							
			SS	13 34 51.0	0.3							
			LE	M _s = 5.3	15.0	1.09						
			LZ	M _s = 5.1	22.0	1.96						
WHN	56.3	60	eP	13 23 17.0	0.0							
HHC	56.5	47	eP	13 23 19.0	0.4							



TIA	59.6	54	eP	13 23 45.1	5.0		
BJI	59.7	49	eP	13 23 40.0	-0.6		
CN2	67.2	47	eP	13 24 29.7	-0.5		
MDJ	70.3	46	eP	13 24 48.0	-1.2		

FEB 18d 13h 16m 56.3 ± 0.09s, SD1.17 / 45
 9.88 N ± 1.87km, 57.85 E ± 1.42km, h10 ± 0.11km
 Carlsberg Ridge (421)
 M_s5.1 / 7,

KSH	33.6	26	eP	13 23 40.0	0.3		
			LE	M _s = 5.0		11.0	1.00
LSA	36.8	53	P	13 24 08.2	1.0		
WMQ	42.6	32	eP	13 24 55.0	0.2		
			PP	13 26 37.0	1.2		
			S	13 31 15.0	-1.3		
			LZ	M _s = 4.9		20.0	1.53
CD2	47.4	57	eP	13 25 32.9	-0.7		
GTA	47.5	45	P	13 25 35.0	0.7		
			eS	13 32 30.0	1.4		
			LE	M _s = 5.1		17.0	1.19
			LZ	M _s = 4.7		22.0	0.92
GYA	48.9	64	P	13 25 46.2	1.1		
			S	13 32 48.0	1.0		
LZH	49.1	50	eP	13 25 46.0	-0.8		
			eS	13 32 56.0	4.7		
			LZ	M _s = 4.9		28.0	1.80
BTO	55.2	47	P	13 26 33.0	0.6		
			pP	13 26 38.0	0.2		
			ePP	13 28 38.0	1.6		
			eS	13 34 14.0	-0.4		
			LN	M _s = 5.5		18.0	1.20
			LE			18.0	2.00
			LZ	M _s = 5.4		18.0	2.70
TIY	56.2	51	eP	13 26 38.8	-0.5		
WHN	56.3	60	eP	13 26 39.5	-0.4		
			sP	13 26 46.0	-2.2		
			sS	13 34 32.0	-5.6		
			LZ	M _s = 5.0		24.0	1.48
HHC	56.4	47	eP	13 26 41.0	0.0		
BJI	59.6	49	eP	13 27 03.0	-0.1		
			eS	13 35 12.0	0.3		
			LN	M _s = 5.1		16.0	0.75
			LZ	M _s = 4.9		26.0	1.20
CN2	67.1	47	eP	13 27 52.5	-0.2		
			eS	13 36 42.0	-3.5		
			LZ	M _s = 5.3		22.0	1.90
MDJ	70.1	46	eP	13 28 10.0	-1.7		
			pP	13 28 16.0	-1.2		
			S	13 37 18.0	-2.6		
			LZ	M _s = 5.1		30.0	1.57

FEB 18d 16h 40m 40.1 ± 0.16s, SD2.73 / 23
 55.43 S ± 4.21km, 30.22 W ± 5.61km, h29 ± 0.43km
 South Sandwich Islands region (153)

GTA	143.5	95	ePKP	17 00 11.5	-1.7		
WHN	144.7	120	ePKP	17 00 14.5	-0.7		
TIY	149.3	110	+PKP	17 00 25.4	2.5		
BTO	150.0	103	ePKP	17 00 25.1	1.0		
TIA	150.6	117	ePKP	17 00 28.0	3.1		
BJI	153.0	111	ePKP	17 00 33.5	5.2		

FEB 18d 17h 08m 38.2 ± 0.11s, SD1.40 / 68
 6.99 S ± 1.37km, 147.21 E ± 3.36km, h25 ± 0.57km
 Eastern New Guinea region (207)

QZN	45.0	306	eP	17 16 55.0	1.2		
SSE	45.3	328	+P	17 16 56.5	0.1		
			sP	17 17 06.5	-1.5		
			eSS	17 26 46.0	-3.3		

NJ2	47.3	327	eP	17 17 12.6	0.4		
WHN	48.8	322	eP	17 17 24.0	0.0		
TIA	51.4	329	P	17 17 42.3	-1.5		
GYA	51.5	312	P	17 17 45.6	1.2		
SNY	53.2	338	+P	17 17 56.2	-0.7		
KMI	53.8	308	+P	17 18 03.0	1.5		
CN2	54.3	341	eP	17 18 04.0	-0.9		
			eS	17 25 39.0	-0.6		
			LZ	M _s = 4.4		20.0	0.40
BJI	54.9	331	eP	17 18 07.5	-1.8		
TIY	55.0	327	eP	17 18 09.7	-1.0		
			LZ	M _s = 4.5		30.0	0.63
CD2	56.1	315	eP	17 18 18.3	-0.1		
HHC	57.8	328	eP	17 18 29.8	-0.6		
BTO	58.4	327	eP	17 18 34.2	-0.6		
LZH	59.1	320	eP	17 18 40.0	0.4		
GTA	63.5	320	P	17 19 10.0	-0.2		
LSA	65.0	307	P	17 19 20.2	0.8		
WMQ	73.7	319	+iP	17 20 13.0	0.6		
KSH	80.2	312	P	17 20 51.5	2.3		

FEB 18d 18h 29m 56.7 ± 0.14s, SD0.90 / 51
 51.00 N ± 1.53km, 176.24 W ± 1.26km, h38 ± 1.37km
 Andreanof Islands (7)
 m_b5.1 / 1,

CN2	39.2	283	eP	18 37 22.8	-0.5		
SNY	41.4	281	+P	18 37 42.3	0.6		
BJI	47.0	284	eP	18 38 27.0	0.3		
TIA	48.8	279	P	18 38 40.3	-0.4		
HHC	49.3	288	eP	18 38 45.1	0.2		
BTO	50.4	288	eP	18 38 53.4	0.2		
TIY	50.8	284	eP	18 38 56.2	0.5		
WHN	54.3	276	eP	18 39 20.5	-1.5		
LZH	57.0	288	eP	18 39 42.0	0.0		
			PMZ	m _b = 5.1		2.0	0.055
GTA	57.2	294	+P	18 39 42.3	-0.8		
CD2	60.6	284	eP	18 40 07.0	0.2		
WMQ	60.9	305	P	18 40 07.5	-1.1		
GYA	62.0	278	P	18 40 15.4	-0.5		
KMI	65.4	280	eP	18 40 38.0	-0.4		

FEB 19d 01h 45m 56.6 ± 0.12s, SD1.56 / 94
 7.55 N ± 1.78km, 93.91 E ± 1.91km, h23 ± 0.18km
 Nicobar Islands region (704)
 M_s5.4 / 39, m_b5.3 / 4,

QZN	19.2	52	eP	01 50 21.2	-1.0		
			PP	01 50 38.5	-0.3		
			eS	01 53 52.0	-0.6		
			sS	01 53 59.0	-3.7		
			LN	M _s = 5.7		12.0	12.8
KMI	19.4	25	eP	01 50 25.0	0.6		
			pP	01 50 32.0	1.5		
			LN	M _s = 5.2		11.0	4.20
			LZ	M _s = 4.9		16.0	4.50
LSA	22.2	354	+P	01 50 51.9	-1.7		
			S	01 54 50.0	-0.7		
			LE	M _s = 4.7		15.0	1.48
GYA	22.4	31	+P	01 50 55.6	0.5		
			pP	01 51 02.0	-0.2		
			S	01 55 01.0	6.8		
			LN	M _s = 5.7		12.0	6.51
			LE			12.0	9.50
GZH	24.2	48	eP	01 51 13.2	0.0		
			LN	M _s = 5.9		14.0	13.4
			LE			14.0	11.7
CD2	25.0	20	eP	01 51 20.1	-0.5		
			eS	01 55 42.0	1.2		



		sS	01 55 56.5	3.8				LN	$M_s = 5.2$	13.0	0.92			
		LE	$M_s = 5.6$	10.0	6.52			LE		14.0	0.92			
		LZ	$M_s = 4.8$	14.0	1.80			LZ	$M_s = 5.1$	16.0	1.94			
XAN	29.8	26	P	01 52 09.2	4.9			CN2	45.4	32	eP	01 54 15.0	-1.0	
			S	01 57 04.5	7.0						pP	01 54 20.0	-3.6	
			LN	$M_s = 5.7$	13.0	6.59					eS	02 00 55.0	-0.6	
LZH	29.8	16	eP	01 52 03.5	-1.3						LZ	$M_s = 5.2$	12.0	1.60
			PMZ	$m_b = 5.4$	1.5	0.11		MDJ	48.2	34	eP	01 54 37.4	-0.5	
			eS	01 57 00.0	0.7						pP	01 54 42.8	-2.7	
			LN	$M_s = 5.3$	12.0	1.80					S	02 01 35.0	0.9	
			LE		13.0	2.50								
			LZ	$M_s = 4.6$	29.0	1.80								
WHN	29.8	37	eP	01 52 04.5	-0.1			FEB 19d 03h 36m $37.7 \pm 0.05s$, SD1.22 / 19						
			S	01 56 58.4	0.1			35.06 N $\pm 2.87km$, 24.48 E $\pm 1.72km$, $h2 \pm 0.97km$						
			LN	$M_s = 5.5$	10.0	2.89		Crete (370)						
			LE		11.0	2.63		WMQ	48.5	60	eP	03 45 25.5	0.7	
			LZ	$M_s = 5.3$	16.0	5.39		BJI	69.6	55	eP	03 47 51.0	-0.3	
GTA	32.2	9	P	01 52 23.6	-1.8			CN2	73.7	48	+P	03 48 15.0	-0.4	
			pP	01 52 31.2	-1.4			FEB 19d 04h 23m $45.6 \pm 0.43s$, SD2.36 / 21						
			LN	$M_s = 5.1$	10.0	1.17		7.77 S $\pm 2.34km$, 73.98 W $\pm 4.54km$, $h55 \pm 3.17km$						
			LZ	$M_s = 4.6$	22.0	1.30		Peru-Brazil border region (112)						
NJ2	33.7	40	eP	01 52 42.2	3.9			DL2	146.0	338	ePKP	04 43 17.6	-1.5	
			eS	01 58 00.0	0.9			BJI	146.6	346	ePKP	04 43 20.0	-0.2	
			LN	$M_s = 5.5$	14.0	3.08		HHC	146.7	352	PKP	04 43 21.5	1.0	
			LE		14.0	2.92		BTO	147.1	354	ePKP	04 43 21.6	0.4	
TIY	34.4	26	eP	01 52 47.4	2.6			GTA	148.0	9	PKP	04 43 24.8	2.2	
SSE	34.6	44	P	01 52 47.5	1.0			FEB 19d 04h 58m $23.1 \pm 0.06s$, SD1.05 / 79						
			PMZ	$m_b = 5.0$	1.0	0.024		34.56 N $\pm 0.88km$, 136.62 E $\pm 1.16km$, $h60 \pm 0.79km$						
			eS	01 58 12.0	-1.8			Southern Honshu (232)						
			sS	01 58 23.0	-3.3			$M_s 4.3 / 12$, $m_b 5.1 / 5$,						
			eSS	02 00 28.0	2.8			MDJ	11.4	334	eP	05 01 06.7	0.9	
			LN	$M_s = 5.5$	12.0	3.00		CN2	12.6	320	eP	05 01 22.5	0.1	
			LE		12.0	1.80					pP	05 01 31.5	-0.5	
			LZ	$M_s = 5.1$	16.0	2.70					eS	05 03 43.0	1.6	
TIA	35.5	33	eP	01 52 54.4	0.0						LZ	$M_s = 3.9$	16.0	0.70
			LN	$M_s = 5.4$	15.0	2.06		DL2	12.8	294	eP	05 01 25.8	1.6	
			LE		15.0	2.68					S	05 03 46.0	1.8	
			LZ	$M_s = 4.8$	22.0	1.94					LZ	$M_s = 3.9$	14.0	0.63
KSH	35.7	336	eP	01 52 55.0	-0.8			SSE	13.4	259	-P	05 01 34.0	1.3	
			eS	01 58 32.0	1.2						PMZ	$m_b = 5.0$	1.0	0.024
			LE	$M_s = 5.3$	6.0	0.90					pP	05 01 43.0	0.5	
BTO	35.9	21	eP	01 52 57.5	-0.2						sP	05 01 51.0	0.5	
			sP	01 53 04.0	-4.4						sS	05 04 20.0	3.0	
			LN	$M_s = 5.4$	13.0	2.30					LE	$M_s = 4.1$	8.0	0.40
			LE		13.0	1.40					LZ	$M_s = 3.6$	20.0	0.40
			LZ	$M_s = 5.0$	14.0	2.00					LZ	$M_s = 3.6$	20.0	0.40
WMQ	36.5	352	P	01 53 02.0	-0.8			NJ2	15.1	265	-P	05 01 55.0	1.0	
			S	01 58 43.0	0.5						LZ	$M_s = 3.8$	16.0	0.47
			LZ	$M_s = 4.7$	17.0	1.01		TIA	16.0	282	eP	05 02 05.8	0.0	
HHC	36.7	23	eP	01 53 03.8	-0.6						eS	05 05 07.0	6.8	
			sP	01 53 10.0	-5.1						LN	$M_s = 4.5$	14.0	1.26
			eS	01 58 44.0	-2.4						LZ	$M_s = 4.0$	17.0	0.71
			LN	$M_s = 5.5$	13.0	1.40		BJI	17.1	295	eP	05 02 20.5	0.1	
			LE		13.0	2.80					eS	05 05 28.0	1.2	
			LZ	$M_s = 5.2$	14.0	3.00					esS	05 05 46.0	1.5	
BJI	38.0	28	eP	01 53 16.0	0.9						LN	$M_s = 4.1$	14.0	0.54
			eS	01 59 06.0	0.2						LZ	$M_s = 3.9$	18.0	0.59
			eSS	02 01 42.0	-0.2									
			LN	$M_s = 5.4$	14.0	1.80		QZH	18.3	243	eP	05 02 34.0	-0.8	
			LE		14.0	1.60		WHN	19.2	264	-iP	05 02 45.5	0.7	
			LZ	$M_s = 4.9$	16.0	1.50					PMZ	$m_b = 5.1$	0.8	0.080
DL2	40.0	34	eP	01 53 33.0	1.5						sP	05 03 05.0	1.3	
			eS	01 59 41.0	5.4						S	05 06 15.0	3.2	
			LN	$M_s = 5.3$	12.0	1.02					LZ	$M_s = 4.1$	12.0	0.49
			LE		12.0	1.34		TIY	19.8	286	eP	05 02 50.8	-0.5	
			LZ	$M_s = 5.0$	11.0	1.33					PMZ	$m_b = 5.0$	1.0	0.080
SNY	43.1	33	eP	01 53 57.6	0.6						S	05 06 31.0	6.5	
			pP	01 54 02.0	-2.6						sS	05 06 43.0	-0.7	
											LN	$M_s = 4.4$	13.0	0.80



HHC	20.8	295	eP	05 03 00.6	-1.0		
BTO	21.9	294	eP	05 03 13.0	0.1		
			pP	05 03 27.5	1.3		
			eS	05 07 07.0	1.5		
			LN	$M_s=4.5$		16.0	0.90
			LE			16.0	0.50
GZH	23.3	247	eP	05 03 27.5	0.7		
LZH	26.7	283	eP	05 03 58.0	-1.3		
			PMZ	$m_b=5.2$		1.5	0.088
			LZ	$M_s=4.1$		20.0	0.50
GYA	27.0	261	+P	05 04 00.8	-0.8		
			pP	05 04 14.0	-1.3		
			S	05 08 33.0	1.7		
CD2	27.8	272	P	05 04 08.1	-1.1		
GTA	29.7	290	+iP	05 04 24.3	-1.5		
			LN	$M_s=4.5$		17.0	0.68
WMQ	38.5	299	eP	05 05 42.0	0.0		
LSA	38.6	276	P	05 05 43.2	0.6		
KSH	47.9	295	eP	05 06 58.5	0.6		

TIA	43.1	334	+P	10 47 01.8	-0.5		
			PcP	10 48 52.4	0.7		
			S	10 53 24.0	-1.2		
			LN	$M_s=4.7$		15.0	0.50
			LZ	$M_s=4.5$		22.0	0.75
DL2	43.7	340	P	10 47 08.0	0.9		
			S	10 53 34.0	0.0		
SNY	45.8	344	eP	10 47 23.7	-0.1		
			eS	10 54 05.0	0.1		
			LN	$M_s=4.8$		20.0	0.61
			LE			18.0	0.41
			LZ	$M_s=4.5$		21.0	0.62
TIY	46.5	331	eP	10 47 29.2	-0.4		
			eS	10 54 19.0	3.7		
			LN	$M_s=5.3$		20.0	2.00
BJI	46.7	336	eP	10 47 31.0	-0.3		
			eS	10 54 20.0	1.7		
			eSS	10 57 39.0	2.3		
			LZ	$M_s=4.5$		20.0	0.61
CD2	46.8	317	+iP	10 47 32.7	0.8		
MDJ	47.1	351	eP	10 47 34.2	-0.3		
CN2	47.2	347	+P	10 47 34.0	-0.7		
			eS	10 54 22.0	-2.5		
			LZ	$M_s=4.7$		20.0	0.90
HHC	49.4	333	eP	10 47 52.0	-0.2		
BTO	49.9	331	P	10 47 56.0	-0.3		
			eS	10 55 05.0	1.4		
			LN	$M_s=5.3$		20.0	1.20
			LE			20.0	1.40
LZH	50.1	323	P	10 47 58.0	0.8		
			PMZ	$m_b=5.7$		1.0	0.096
			sP	10 48 07.0	-3.3		
			LZ	$M_s=4.4$		22.0	0.40
GTA	54.6	323	+iP	10 48 31.7	0.2		
			LE	$M_s=4.8$		15.0	0.43
			LZ	$M_s=4.4$		22.0	0.39
LSA	55.4	309	+P	10 48 38.5	0.8		
WMQ	64.6	321	+iP	10 49 40.0	0.0		
			S	10 58 18.5	3.7		
KSH	70.8	313	P	10 50 20.4	1.4		
			eS	10 59 35.0	4.2		

FEB 19d 08h 50m $48.6 \pm 0.06s$, SD1.03 / 48
 48.03 N $\pm 1.59km$, 148.22 E $\pm 0.98km$, h346 $\pm 1.11km$
 North-west of Kurile Islands (220)
 $m_b 5.0 / 1$,

MDJ	13.3	262	eP	08 53 47.8	0.5		
CN2	16.4	264	-P	08 54 18.4	-2.3		
SNY	18.5	260	eP	08 54 40.9	-1.1		
BJI	24.2	263	eP	08 55 37.0	-0.2		
HHC	26.9	268	eP	08 56 02.0	0.2		
TIY	28.0	262	eP	08 56 11.0	0.3		
WHN	31.2	248	-P	08 56 37.5	-1.1		
			ScP	09 02 35.8	3.3		
XAN	32.4	259	P	08 56 49.5	0.3		
LZH	34.6	266	eP	08 57 08.5	0.6		
			PMZ	$m_b=5.0$		1.5	0.097
GTA	35.5	274	P	08 57 16.0	0.3		
CD2	37.8	260	eP	08 57 34.8	0.5		
GYA	38.9	251	-P	08 57 43.0	-0.4		
			pP	08 58 47.8	-3.1		
			S	09 03 12.0	-3.2		
WMQ	41.4	288	P	08 58 04.6	0.8		

HHC	49.4	333	eP	10 47 52.0	-0.2		
BTO	49.9	331	P	10 47 56.0	-0.3		
			eS	10 55 05.0	1.4		
			LN	$M_s=5.3$		20.0	1.20
			LE			20.0	1.40
LZH	50.1	323	P	10 47 58.0	0.8		
			PMZ	$m_b=5.7$		1.0	0.096
			sP	10 48 07.0	-3.3		
			LZ	$M_s=4.4$		22.0	0.40
GTA	54.6	323	+iP	10 48 31.7	0.2		
			LE	$M_s=4.8$		15.0	0.43
			LZ	$M_s=4.4$		22.0	0.39
LSA	55.4	309	+P	10 48 38.5	0.8		
WMQ	64.6	321	+iP	10 49 40.0	0.0		
			S	10 58 18.5	3.7		
KSH	70.8	313	P	10 50 20.4	1.4		
			eS	10 59 35.0	4.2		

FEB 19d 10h 39m $03.0 \pm 0.08s$, SD1.03 / 90
 1.99 S $\pm 1.13km$, 138.94 E $\pm 1.47km$, h33 $\pm 0.12km$
 West Irian (201)
 $M_s 4.8 / 9$, $m_b 5.5 / 8$,

QZH	33.3	325	P	10 45 38.7	-1.1		
QZN	35.4	307	eP	10 45 57.8	-0.5		
			eS	10 51 32.0	1.6		
SSE	37.0	334	-P	10 46 11.2	-0.4		
			PMZ	$m_b=5.2$		1.0	0.037
			PcP	10 48 33.0	0.9		
			S	10 51 58.0	4.3		
			sS	10 52 04.0	-5.9		
			LN	$M_s=4.8$		18.0	0.66
			LE			18.0	0.68
			LZ	$M_s=4.4$		20.0	0.56
NJ2	38.8	332	-P	10 46 28.0	0.9		
			S	10 52 25.0	3.0		
			LZ	$M_s=4.4$		20.0	0.61
WHN	40.0	326	P	10 46 37.5	1.2		
			PMZ	$m_b=5.4$		1.0	0.060
			sP	10 46 46.5	-3.1		
			eS	10 52 42.0	2.5		
			LE	$M_s=4.6$		15.0	0.46
GYA	42.1	314	+P	10 46 55.0	1.0		
			sP	10 47 04.0	-3.2		
			S	10 53 17.0	6.8		

FEB 19d 11h 45m $25.9 \pm 0.08s$, SD1.49 / 27
 25.65 N $\pm 1.70km$, 142.55 E $\pm 1.95km$, h34 $\pm 0.44km$
 Volcano Islands region (213)

SNY	22.5	321	eP	11 50 24.9	0.9		
TIA	24.2	302	eP	11 50 40.1	-0.1		
WHN	25.3	288	eP	11 50 51.0	-0.4		
XAN	30.2	294	P	11 51 36.2	0.0		
GYA	32.2	279	P	11 51 54.6	1.2		
CD2	34.4	288	P	11 52 13.0	0.1		
GTA	38.2	302	eP	11 52 42.0	-2.8		
WMQ	47.7	307	eP	11 54 01.5	-0.2		

FEB 19d 12h 27m $08.4 \pm 0.09s$, SD1.64 / 105
 35.94 N $\pm 1.67km$, 139.87 E $\pm 1.82km$, h64 $\pm 0.77km$
 Near south coast of Honshu (230)
 $M_s 4.9 / 35$, $m_b 5.5 / 10$, $m_b 5.3 / 5$,

MDJ	11.7	321	+iP	12 29 55.0	0.4		
			pP	12 30 05.0	1.5		
			sP	12 30 12.0	-0.9		
			LE	$M_s=4.6$		14.0	3.24
			LZ	$M_s=4.8$		16.0	5.67
CN2	13.6	310	+P	12 30 19.5	-0.1		
			PMZ	$m_b=5.8$		5.0	0.80
			sP	12 30 37.0	-1.2		
			eS	12 32 49.0	0.7		
			LZ	$M_s=4.6$		17.0	3.80



TIA	69.5 318	sP	13 00 45.0	-2.7				SKS	13 11 53.0	3.5			
		LN			24.0	0.71		S	13 12 05.0	6.0			
		LE			22.0	0.86		SMN	$m_B = 6.0$	6.0	0.99		
		LZ			25.0	1.13		sS	13 12 53.0	3.9			
		P	13 00 08.0	-1.2			WMQ	92.9 315	P	13 02 12.5	0.0		
		pP	13 00 34.0	-2.1			PMZ	$m_b = 5.4$			2.0	0.050	
		S	13 09 07.0	1.4			pP	13 02 39.5	-1.1				
CN2	69.8 329	LN			17.0	0.92	SKS	13 12 32.0	-1.2				
		LZ			48.0	2.21	LZ			24.0	1.12		
		-iP	13 00 10.5	-0.6			FEB 19d 14h 28m $45.7 \pm 0.14s$, SD1.64 / 59 36.93 N $\pm 1.90km$, 28.21 E $\pm 1.87km$, $h_9 \pm 0.20km$						
		PMZ	$m_B = 5.8$		5.0	0.70	Dodecanese Islands (369)						
GYA	71.8 305	pP	13 00 35.5	-2.6			KSH	37.2 71	eP	14 36 01.5	1.6		
		eS	13 09 09.0	-1.7			WMQ	45.0 62	-iP	14 37 04.0	0.2		
		-P	13 00 23.8	0.3			GTA	55.0 64	-P	14 38 19.2	-0.9		
		PcP	13 00 43.4	2.4			BTO	61.7 59	eP	14 39 07.0	0.0		
		pP	13 00 49.6	-0.9			HHC	62.6 58	-P	14 39 12.9	-0.4		
		S	13 09 37.0	4.2			XAN	63.9 66	P	14 39 21.6	0.1		
		SME	$m_B = 5.6$		8.0	0.65	TIY	64.6 61	P	14 39 26.0	-0.6		
BJI	72.4 321	sS	13 10 27.4	6.1			GYA	65.9 74	P	14 39 36.0	1.4		
		eP	13 00 26.5	-0.2			BJI	66.1 57	eP	14 39 35.0	-0.9		
		pP	13 00 53.0	-0.9			WHN	69.6 67	eP	14 39 57.0	-0.7		
		sP	13 01 07.0	0.8					pP	14 40 01.0	-2.1		
		eS	13 09 40.0	-0.7			SNY	70.0 52	eP	14 40 01.2	0.6		
		eScS	13 10 21.5	2.8			CN2	70.2 50	P	14 40 01.0	-0.3		
		LN			15.0	0.64	MDJ	72.2 47	eP	14 40 11.0	-2.6		
TIY	73.4 317	LZ			46.0	5.60	SSE	74.2 63	P	14 40 29.5	4.0		
		-P	13 00 32.9	0.3			FEB 19d 17h 48m $28.1 \pm 0.10s$, SD1.10 / 40 8.61 S $\pm 2.11km$, 106.06 E $\pm 1.70km$, $h_{28} \pm 0.48km$						
		PMZ	$m_b = 6.1$		2.0	0.68	South of Java (282) $m_b 4.7 / 1,$						
		PcP	13 00 50.0	2.5			GYA	34.9 1	P	17 55 20.0	0.4		
		pP	13 00 59.0	-0.8					pP	17 55 29.8	2.0		
		sP	13 01 10.0	-2.0			WHN	39.7 11	eP	17 56 01.5	1.2		
		S	13 09 54.0	3.6			SSE	42.1 20	+P	17 56 20.5	1.0		
XAN	73.8 313	LN			18.0	1.28			PMZ	$m_b = 4.7$	1.0	0.012	
		-P	13 00 32.9	-2.2					sP	17 56 30.0	-1.6		
		pP	13 01 04.9	2.6			NJ2	42.2 16	eP	17 56 22.0	1.0		
		S	13 09 59.0	3.9			XAN	42.5 4	P	17 56 23.0	-0.2		
		iS	13 10 06.0	2.3			TIY	46.5 7	eP	17 56 55.5	0.4		
		SMN	$m_B = 6.0$		7.0	1.40			pP	17 57 05.1	1.6		
		SKS	13 10 37.0	6.7			GTA	48.1 353	eP	17 57 09.0	0.8		
HHC	75.7 320	P	13 00 46.7	0.7			BTO	49.1 4	eP	17 57 16.0	0.3		
		pP	13 01 13.0	-0.2			BJI	49.3 10	eP	17 57 17.5	0.4		
		SMN	$m_B = 6.3$		7.0	1.60	WMQ	54.8 344	P	17 57 59.0	0.7		
		SME			7.0	1.30	CN2	55.0 17	+P	17 57 59.5	-0.7		
		LN			40.0	4.10			pP	17 58 07.5	-1.3		
		eP	13 00 48.7	0.4			FEB 19d 17h 55m $47.6 \pm 0.03s$, SD0.55 / 19 39.25 S $\pm 1.33km$, 46.04 E $\pm 0.82km$, $h_{10} \pm 0.20km$						
		pP	13 01 12.0	-3.6			Atlantic-Indian Ridge (428)						
BTO	76.6 319	sP	13 01 22.7	-5.1			LSA	80.4 39	P	18 08 03.1	0.7		
		S	13 10 24.0	3.3			GYA	86.4 52	P	18 08 33.0	0.3		
		-iP	13 00 51.0	0.2			CD2	88.0 47	eP	18 08 40.4	0.1		
		pP	13 01 19.0	1.0			WMQ	90.8 29	eP	18 08 54.3	0.7		
		S	13 10 30.0	4.7			GTA	92.5 39	P	18 09 00.0	-1.1		
		eP	13 01 02.0	0.7			WHN	94.1 53	eP	18 09 08.0	-0.3		
		PMZ	$m_b = 5.7$		2.0	0.25	FEB 20d 06h 11m $31.4 \pm 0.07s$, SD1.17 / 43 4.66 S $\pm 1.88km$, 102.78 E $\pm 2.32km$, $h_{91} \pm 0.75km$						
LZH	78.5 312	pP	13 01 27.5	-1.0			Southern Sumatera (274) $m_b 5.4 / 2,$						
		eS	13 10 50.0	2.5			GYA	31.2 7	P	06 17 44.2	-0.2		
		SME	$m_B = 5.7$		8.0	0.59	LZH	40.5 1	eP	06 19 04.5	0.6		
		LZ			20.0	1.20			PMZ	$m_b = 5.2$	1.5	0.053	
		-iP	13 01 24.7	0.4			TIY	43.1 11	P	06 19 24.6	-0.2		
		PMZ	$m_B = 5.6$		4.0	0.40							
		PP	13 04 40.0	3.2									
GTA	82.8 314	iS	13 11 34.0	1.4									
		LE			18.0	0.78							
		LZ			22.0	0.72							
LSA	85.7 302	P	13 01 41.0	2.0									
		pP	13 02 07.0	0.6									



CN2	19.7	4	eP	09 23 48.5	-1.2		
			pP	09 24 04.0	2.8		
BTO	20.0	328	P	09 23 54.5	1.0		
			pP	09 24 08.0	2.9		
			ePP	09 24 16.0	2.8		
			eS	09 27 32.0	1.4		
LZH	20.8	309	eP	09 24 02.0	0.1		
			PMZ	$m_b = 4.4$		1.0	0.019
MDJ	21.0	12	eP	09 24 02.0	-1.6		
GTA	25.3	313	+P	09 24 45.0	-0.2		

FEB 21d 10h 55m $18.6 \pm 0.65s$, SD4.52 / 9
 24.74 N \pm 3.59km, 123.27 E \pm 4.75km, h10 \pm km
 Taiwan region (243)
 $M_L 3.6 / 6$,

SSE	6.6	344	ePn	10 57 02.0	6.0		
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FEB 21d 14h 09m $39.0 \pm 0.13s$, SD2.32 / 47
 35.84 N \pm 1.31km, 80.55 E \pm 1.45km, h11 \pm 0.20km
 Kashmir-Tibet border region (304)
 $M_S 4.3 / 5$, $M_L 5.3 / 2$, $m_b 4.8 / 1$,

KSH	5.2	316	Pn	14 10 59.0	1.8		
			LN	$M_S = 4.4$		9.0	5.10
WMQ	9.7	32	-iP	14 11 59.7	-1.8		
			SMN			1.0	0.31
			SME			1.0	0.38
LSA	10.8	121	P	14 12 19.9	2.3		
GTA	15.7	71	P	14 13 26.0	4.1		
			LE	$M_S = 4.3$		10.0	0.59
			LZ	$M_S = 4.0$		14.0	0.54
LZH	18.9	82	eP	14 14 00.0	-1.9		
			PMZ	$m_b = 4.8$		1.5	0.066
CD2	20.0	98	eP	14 14 15.6	1.0		
XAN	23.3	86	eP	14 14 50.5	2.3		
BTO	23.6	69	eP	14 14 53.0	2.1		
HHC	24.8	69	eP	14 15 03.4	1.0		
TIY	25.5	76	eP	14 15 10.2	0.3		
			S	14 19 40.0	5.9		
			LN	$M_S = 4.2$		10.0	0.24
			LZ	$M_S = 4.2$		14.0	0.48
WHN	28.7	91	eP	14 15 38.5	0.0		

FEB 21d 19h 35m $26.2 \pm 0.07s$, SD0.85 / 57
 48.33 N \pm 1.81km, 153.28 E \pm 1.13km, h115 \pm 0.21km
 Kurile Islands (221)
 $m_b 4.8 / 2$,

MDJ	16.7	266	eP	19 39 16.7	1.7		
CN2	19.8	267	-P	19 39 48.0	-1.9		
			pP	19 40 15.0	4.6		
DL2	24.6	259	eP	19 40 37.6	0.1		
BJI	27.6	266	eP	19 41 06.5	1.0		
TIY	31.4	266	+P	19 41 39.6	1.1		
			LZ			20.0	0.63
WHN	34.5	253	P	19 42 05.5	0.2		
XAN	35.8	263	eP	19 42 17.0	0.4		
LZH	38.0	270	eP	19 42 36.0	0.9		
			PMZ	$m_b = 5.2$		1.5	0.066
GTA	38.9	277	+P	19 42 42.3	-0.1		
CD2	41.2	264	P	19 43 01.6	0.5		
GYA	42.2	256	P	19 43 10.0	0.3		
WMQ	44.5	290	-iP	19 43 28.6	0.4		

FEB 21d 19h 43m $57.5 \pm 0.10s$, SD1.70 / 21
 36.45 N \pm 1.85km, 66.63 E \pm 1.12km, h33 \pm 0.25km
 Hindu Kush region (718)
 $M_S 4.4 / 3$,

KSH	8.0	65	P	19 45 53.0	-0.9		
			eS	19 47 23.0	-0.7		

			LN	$M_S = 4.5$		9.9	3.00
WMQ	17.7	59	+iP	19 48 03.2	-0.1		
GTA	26.3	73	eP	19 49 32.5	0.4		
			LN	$M_S = 4.4$		10.0	0.33
			LZ	$M_S = 4.0$		16.0	0.36

FEB 21d 19h 53m $49.5 \pm 0.17s$, SD1.18 / 23
 14.64 N \pm 0.51km, 146.00 E \pm 2.42km, h173 \pm 1.01km
 Marianas (216)

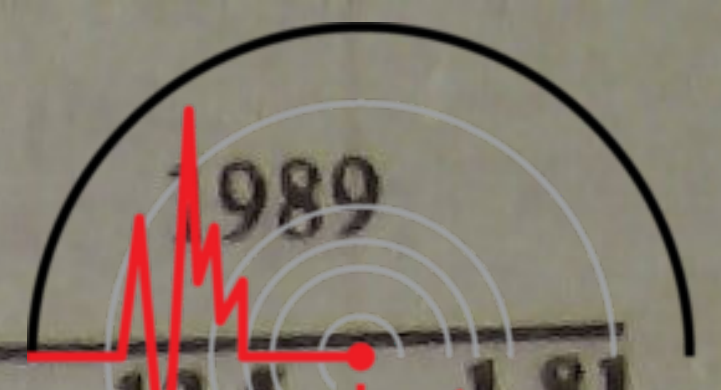
BJI	36.3	320	eP	20 00 37.0	-1.7		
TIY	37.6	314	eP	20 00 48.5	-0.7		
GYA	38.5	294	P	20 00 58.6	1.4		
BTO	40.6	317	eP	20 01 14.0	-0.3		
GTA	47.3	310	P	20 02 07.7	-0.3		
WMQ	57.2	313	+iP	20 03 22.0	0.6		

FEB 21d 22h 08m $53.3 \pm 0.13s$, SD1.45 / 56
 44.32 S \pm 3.14km, 79.15 W \pm 4.50km, h26 \pm 0.76km
 Off coast of Southern Chile (143)
 $M_S 5.4 / 2$,

MDJ	159.5	281	ePKP	22 28 49.2	-1.4		
KMI	160.8	185	PKP	22 28 53.0	0.9		
			sPKP	22 29 06.5	4.3		
			PKP2	22 29 35.0	-0.1		
			PP	22 33 15.0	-4.1		
			LZ	$M_S = 5.6$		20.0	0.90
KSH	160.9	96	ePKP	22 28 53.3	1.2		
			ePP	22 33 23.0	3.5		
GYA	161.6	197	PKP	22 28 54.0	1.2		
			sPKP	22 29 08.0	5.0		
CN2	162.3	277	PKP	22 28 53.7	0.3		
			PKP2	22 29 40.0	-1.8		
WHN	162.6	222	PKP	22 28 54.4	0.8		
			PKP2	22 29 43.0	0.0		
LSA	163.5	149	PKP	22 28 56.6	1.5		
TIA	165.2	242	ePKP	22 28 56.2	-0.1		
CD2	166.4	191	ePKP	22 28 58.6	1.2		
BJI	167.9	255	ePKP	22 28 57.5	-0.7		
XAN	168.0	214	PKP	22 28 59.5	1.2		
TIY	169.0	237	ePKP	22 28 59.0	0.0		
			PKP2	22 30 11.5	0.4		
			PP	22 34 01.0	-0.5		
			SKS	22 35 50.0	-6.9		
			SKKS	22 40 41.0	-3.2		
			LN	$M_S = 5.5$		12.0	0.42
			LZ	$M_S = 5.4$		26.0	0.71
WMQ	170.5	88	iPKP	22 29 01.1	1.2		
			PKP2	22 30 18.2	0.5		
			PP	22 34 08.5	-0.4		
			LZ	$M_S = 5.2$		28.0	0.57
HHC	171.4	250	PKP	22 29 00.6	0.1		
LZH	171.5	197	ePKP	22 29 00.0	-0.6		
			PKP2	22 30 21.0	-0.9		
			PP	22 34 10.0	-3.6		
BTO	172.3	244	ePKP	22 29 01.4	0.4		
GTA	175.0	171	iPKP	22 29 02.3	0.3		
			PKP2	22 30 34.8	-2.9		
			PP	22 34 27.0	-4.5		
			SKKS	22 41 13.0	-0.1		
			LN	$M_S = 5.3$		17.0	0.63
			LZ	$M_S = 5.2$		34.0	0.86

FEB 22d 05h 54m $25.5 \pm 0.06s$, SD0.93 / 19
 6.00 S \pm 0.83km, 127.93 E \pm 0.24km, h408 \pm 0.86km
 Banda Sea (280)
 $m_b 4.7 / 1$,

WHN	38.6	341	eP	06 01 14.0	1.0		
TIY	45.8	343	+P	06 02 10.7	-0.3		



Luzon (249)				M _S 5.1 / 44, m _B 5.7 / 11, m _b 5.2 / 10,			
QZH	12.1	333	eP	07 36 43.5	1.2		
			LN	M _S =4.7	16.0	3.71	
			LZ	M _S =4.5	18.0	3.39	
GZH	13.8	312	eP	07 37 08.0	2.9		
			LN	M _S =5.1	14.0	3.80	
			LE		15.0	6.60	
			LZ	M _S =5.1	16.0	9.35	
QZN	14.9	291	eP	07 37 20.0	1.0		
			eS	07 40 04.0	0.0		
			LN	M _S =5.2	15.0	4.00	
			LE		17.0	7.20	
SSE	17.2	350	P	07 37 51.0	3.0		
			PMZ	m _B =5.1	1.5	0.13	
			sP	07 38 00.0	1.1		
			PP	07 38 06.0	3.9		
			eS	07 40 59.0	2.2		
			SS	07 41 18.0	0.7		
			LN	M _S =5.0	16.0	2.82	
			LE		16.0	2.94	
			LZ	M _S =4.7	18.0	3.62	
NJ2	18.6	345	+P	07 38 06.0	0.4		
			LN	M _S =4.8	11.0	1.20	
			LE		11.0	1.43	
			LZ	M _S =4.6	16.0	2.07	
WHN	18.8	332	iP	07 38 08.0	-0.7		
			PMZ	m _B =5.5	7.0	1.81	
			iPP	07 38 24.0	-0.5		
			sS	07 41 40.0	-5.4		
			LN	M _S =5.1	14.0	2.60	
			LE		14.0	2.92	
			LZ	M _S =4.9	16.0	4.79	
GYA	20.7	309	P	07 38 29.4	-0.3		
			sP	07 38 42.0	1.1		
			S	07 42 15.0	0.7		
			SMN	m _B =5.8	6.0	2.10	
			LN	M _S =5.5	15.0	5.00	
			LE		15.0	7.30	
			LZ	M _S =5.1	16.0	5.80	
TIA	23.0	345	eP	07 38 51.4	-0.6		
			ePP	07 39 20.6	-0.6		
			S	07 43 00.0	4.3		
			SMN	m _B =5.8	8.5	1.50	
			SME		11.5	2.60	
			LN	M _S =4.9	15.0	1.10	
			LE		15.0	1.90	
			LZ	M _S =4.5	20.0	1.70	
KMI	23.2	301	iP	07 38 56.0	1.4		
			PMZ	m _B =5.7	5.0	1.70	
			eS	07 43 06.0	4.7		
			LN	M _S =5.2	14.0	3.90	
			LZ	M _S =5.4	18.0	10.7	
XAN	24.3	327	+iP	07 39 06.1	0.7		
			S	07 43 21.0	1.2		
			LN	M _S =5.1	16.0	3.04	
DL2	24.8	355	+P	07 39 10.0	0.2		
			eS	07 43 28.0	-0.4		
			sS	07 43 39.0	-2.2		
			LE	M _S =5.1	14.0	2.69	
			LZ	M _S =4.7	18.0	2.08	
CD2	25.4	315	+iP	07 39 15.5	0.4		
			eS	07 43 32.0	-5.7		
			LN	M _S =5.3	14.0	4.49	
			LZ	M _S =4.9	17.0	2.79	
TIY	25.8	338	+P	07 39 19.0	-0.6		
			PMZ	m _B =5.2	1.2	0.070	
			S	07 43 42.5	-2.1		
BJI	26.8	346	eP				
			PMZ				
			eS	07 39 28.0	-0.7		
			LN	M _S =4.8	12.0	1.01	
			LZ	M _S =4.6	20.0	1.52	
SNY	27.6	358	+P	07 39 34.5	-1.3		
			pP	07 39 43.8	0.1		
			S	07 44 13.0	-0.6		
			LN	M _S =5.1	14.0	1.74	
			LE		14.0	1.71	
			LZ	M _S =5.1	18.0	4.46	
LZH	28.7	323	eP	07 39 45.5	-0.1		
			PMZ	m _B =5.9	1.5	0.35	
			eS	07 44 28.0	-3.7		
			SMN	m _B =5.3	12.0	0.80	
			LN	M _S =5.3	14.0	3.30	
			LE		12.0	0.70	
			LZ	M _S =5.1	14.0	3.10	
HHC	28.9	339	P	07 39 47.1	-0.7		
			S	07 44 34.0	-0.7		
			LN	M _S =5.1	16.0	2.30	
			LE		14.0	1.10	
BTO	29.3	337	P	07 39 50.5	-0.3		
			pP	07 39 55.5	-3.1		
			ePP	07 40 44.5	-0.7		
			S	07 44 40.0	0.0		
			SS	07 46 10.0	-1.3		
			LN	M _S =5.2	13.0	1.90	
			LE		13.0	1.90	
			LZ	M _S =4.8	14.0	1.70	
CN2	29.6	1	+P	07 39 53.6	0.1		
			sP	07 40 04.0	-1.1		
			S	07 44 44.0	-1.1		
			SME	m _B =5.3	7.0	0.50	
			LZ	M _S =5.0	16.0	3.10	
MDJ	30.7	7	eP	07 40 03.5	0.1		
			pP	07 40 10.8	-0.6		
			S	07 45 00.0	-2.6		
			LE	M _S =5.0	14.0	1.62	
			LZ	M _S =4.9	22.0	2.65	
GTA	33.3	324	+iP	07 40 25.6	-0.5		
			PMZ	m _B =5.7	5.0	0.59	
			pP	07 40 36.5	2.5		
			sP	07 40 43.0	5.5		
			LN	M _S =5.1	13.0	1.47	
			LZ	M _S =4.9	16.0	1.80	
LSA	34.5	302	+P	07 40 37.0	0.2		
			S	07 46 03.5	2.0		
			LN	M _S =5.3	16.0	1.54	
			LE		18.0	2.47	
WMQ	43.2	321	P	07 41 48.7	-0.2		
			S	07 48 12.0	-0.5		
			ScS	07 51 46.0	1.8		
			LN	M _S =5.4	13.0	1.91	
			LE		13.0	0.89	
			LZ	M _S =5.1	16.0	1.80	
KSH	49.5	310	P	07 42 39.0	0.2		
			pP	07 42 47.0	0.2		
			eS	07 49 43.0	-0.8		
			LE	M _S =5.6	15.0	3.20	
FEB 24d 08h 46m 58.3 ± 0.12s, SD2.50 / 16 40.52 N ± 0.92km, 109.32 E ± 0.76km, h13 ± 0.55km Northern China (323) M _L 3.8 / 12,							
BTO	0.5	82	iPg	08 47 07.5	-0.7		



			LE		13.0	0.90
			LZ	$M_s = 5.0$	16.0	2.00
HHC	39.9	18	P	13 46 20.8	1.5	
BJI	40.9	24	+P	13 46 27.0	0.2	
			LZ	$M_s = 4.4$	16.0	0.41
WMQ	41.1	351	eP	13 46 28.6	-0.6	
			PcS	13 52 19.5	2.6	
			LZ	$M_s = 4.2$	22.0	0.36
DL2	42.4	30	P	13 46 40.0	0.7	
SNY	45.6	29	-iP	13 47 04.8	-0.3	
CN2	48.0	28	+P	13 47 22.8	-1.1	
MDJ	50.6	31	-P	13 47 44.5	0.3	

BJI	38.1	347	eP	24 00 55.0	0.5	
SNY	38.8	357	-iP	24 01 02.1	1.5	
LZH	39.0	331	eP	24 01 02.5	0.3	
			PMZ	$m_b = 5.0$	2.0	0.055
WMQ	53.1	326	eP	24 02 53.5	-0.6	

FEB 25d 01h 30m $16.5 \pm 0.09s$, SD1.49 / 27
 $56.12 N \pm 2.31km$, $153.43 W \pm 1.32km$, $h38 \pm 0.56km$
 South of Alaska (17)
 $M_s 4.9 / 1$,

MDJ	47.9	290	eP	01 38 52.0	-1.8	
CN2	50.7	292	eP	01 39 14.0	-0.7	
SNY	53.0	292	-P	01 39 32.5	0.0	
WHN	66.4	290	eP	01 41 04.5	-0.1	
GTA	66.5	306	eP	01 41 05.0	-0.4	
			LZ	$M_s = 4.9$	17.0	0.67
WMQ	67.9	317	P	01 41 15.0	0.7	
GYA	73.7	293	P	01 41 50.0	0.8	

FEB 24d 15h 48m $10.6 \pm 0.15s$, SD3.23 / 12
 $27.51 N \pm 1.52km$, $103.65 E \pm 1.10km$, $h7 \pm 0.19km$
 Yunnan Province (318)
 $M_L 3.3 / 7$,

GYA	2.9	110	Pg	15 49 04.6	2.8	
			Sg	15 49 35.6	-5.5	
			SMN	$M_L = 3.3$	0.8	0.18
			SME		0.8	0.090
CD2	3.4	2	Pn	15 49 07.2	2.8	
			Sn	15 49 51.4	4.6	
			SMN	$M_L = 3.5$	0.6	0.11
			SME		0.9	0.21

FEB 25d 02h 05m $59.8 \pm 0.05s$, SD1.02 / 34
 $47.80 N \pm 2.03km$, $154.09 E \pm 1.66km$, $h29 \pm 0.66km$
 Kurile Islands (221)

MDJ	17.2	268	eP	02 09 57.5	-2.7	
CN2	20.3	269	+P	02 10 35.5	-0.9	
WHN	34.8	255	eP	02 12 50.0	-0.7	
XAN	36.3	264	P	02 13 03.4	0.4	
CD2	41.6	265	P	02 13 48.4	0.8	
GYA	42.6	257	P	02 13 55.4	-0.1	

FEB 24d 20h 31m $16.4 \pm 0.07s$, SD1.07 / 22
 $2.39 N \pm 0.98km$, $126.60 E \pm 1.61km$, $h33 \pm 0.10km$
 Molucca Passage (266)

CD2	35.7	325	eP	20 38 14.4	0.6	
BJI	38.7	347	eP	20 38 39.5	0.6	
MDJ	42.1	3	eP	20 39 08.7	1.0	
WMQ	53.7	326	eP	20 40 37.5	-0.8	

FEB 25d 04h 42m $16.8 \pm 0.15s$, SD1.36 / 68
 $1.99 N \pm 1.85km$, $128.32 E \pm 2.77km$, $h31 \pm 0.05km$
 Djailolo Gilolo (Halmahera) (267)
 $m_b 5.5 / 1$, $m_b 4.8 / 3$,

QZH	24.7	338	+P	04 47 36.0	-0.5	
			PMZ	$m_b = 5.5$	4.0	0.77
SSE	29.7	348	eP	04 48 23.0	0.3	
			PMZ	$m_b = 4.6$	1.0	0.012
			pP	04 48 33.5	1.9	
WHN	31.3	336	P	04 48 37.2	0.2	
GYA	32.0	321	P	04 48 43.8	0.7	
KMI	33.7	315	eP	04 48 59.0	0.9	
XAN	36.7	333	P	04 49 23.3	0.2	
CD2	37.0	324	eP	04 49 24.8	-0.8	
TIY	38.4	340	+P	04 49 39.6	1.7	
			eS	04 55 34.5	3.5	
			LZ	$M_s = 4.3$	25.0	0.56
BJI	39.5	345	eP	04 49 46.5	0.3	
SNY	39.9	354	eP	04 49 51.4	1.6	
LZH	40.8	329	eP	04 49 57.5	-0.1	
			PMZ	$m_b = 5.4$	1.5	0.088
HHC	41.5	341	eP	04 50 05.0	1.3	
CN2	41.7	357	eP	04 50 05.0	0.1	
BTO	41.9	339	eP	04 50 07.0	0.8	
MDJ	42.5	1	eP	04 50 09.5	-1.6	
LSA	44.8	312	P	04 50 32.5	2.2	
GTA	45.4	329	eP	04 50 34.0	-1.0	
WMQ	55.0	325	eP	04 51 47.6	-0.9	
KSH	60.4	315	eP	04 52 25.5	-1.0	

FEB 24d 22h 26m $03.4 \pm 0.10s$, SD1.05 / 42
 $29.44 S \pm 1.53km$, $179.20 W \pm 2.38km$, $h343 \pm 1.13km$
 Kermadec Islands region (177)

NJ2	84.8	311	eP	22 38 02.5	0.6	
WHN	86.9	308	eP	22 38 10.5	-1.6	
MDJ	87.2	326	+P	22 38 14.0	0.4	
DL2	87.5	318	eP	22 38 16.0	1.0	
TIA	88.6	314	-P	22 38 20.2	0.4	
CN2	88.7	323	-P	22 38 20.3	-0.4	
GYA	90.2	300	P	22 38 27.8	0.4	
BJI	91.5	316	eP	22 38 33.0	-0.5	
TIY	92.4	312	eP	22 38 38.1	0.1	
XAN	92.7	308	P	22 38 40.6	1.5	
CD2	94.7	303	P	22 38 50.2	2.0	

FEB 24d 22h 46m $43.8 \pm 0.24s$, SD3.60 / 12
 $26.10 N \pm 1.10km$, $102.66 E \pm 1.20km$, $h24 \pm 1.84km$
 Yunnan Province (318)
 $M_L 3.3 / 6$,

GYA	3.6	83	Pg	22 47 50.4	2.4	
			Sg	22 48 37.6	0.3	
			SMN	$M_L = 3.0$	1.2	0.050
			SME		1.2	0.030
CD2	4.9	11	Pg	22 48 13.8	3.4	
			Sg	22 49 22.5	5.3	
			SMN	$M_L = 3.2$	1.0	0.020
			SME		0.9	0.040

FEB 25d 06h 58m $03.4 \pm 0.16s$, SD2.28 / 23
 $36.26 N \pm 1.71km$, $70.62 E \pm 2.30km$, $h106 \pm 0.27km$
 Hindu Kush region (718)

KSH	5.3	51	eP	06 59 25.0	3.0	
			S	07 00 26.0	3.9	
			LN		3.0	1.90
WMQ	15.1	55	-iP	07 01 31.5	-0.9	
			S	07 04 15.0	-1.6	
GTA	23.2	73	P	07 03 04.0	1.8	

FEB 24d 23h 53m $36.7 \pm 0.12s$, SD1.47 / 30
 $2.91 N \pm 1.55km$, $126.30 E \pm 2.76km$, $h33 \pm 0.17km$
 Talaud Islands (263)
 $m_b 5.0 / 1$,

WHN	29.7	339	eP	23 59 44.0	1.7	
DL2	36.1	354	eP	24 00 38.6	1.0	



FEB 25d 11h 26m 34.3 ± 0.13s, SD1.23 / 88					TIA 89.8 313 P 11 39 32.5 0.0					
29.95 S ± 3.68km, 177.72 W ± 2.85km, h30 ± 0.08km					S 11 50 21.0 1.7					
Kermadec Islands (178)					LN M _S = 6.8 24.0 17.5					
M _S 6.6 / 49, m _B 6.7 / 23, m ₀ 6.0 / 4,					LE 25.0 22.1					
QZH	81.9	305	IP	11 38 53.0 -0.3	CN2	89.9	323	+IP	11 39 32.0 -0.9	LZ M _S = 6.6 27.0 29.7
			PMZ	m _B = 6.7 8.0 6.98				PMZ	m _B = 6.8 6.0 4.20	
			PP	11 41 57.0 -4.9				pP	11 39 44.0 2.1	
			S	11 49 00.0 -2.5				S	11 50 18.0 -2.1	
			SS	11 54 18.0 -6.4				LZ	M _S = 6.6 26.0 29.6	
			LE	M _S = 6.4 20.0 9.88	GYA	91.5	300	P	11 39 40.0 -0.5	
			LZ	M _S = 6.1 20.0 8.35				PMZ	m _B = 6.7 8.0 3.50	
SSE	84.0	311	+iP	11 39 03.5 -0.5				sP	11 39 54.0 0.9	
			PMZ	m _B = 6.6 8.0 5.10				PP	11 43 20.0 0.3	
			sP	11 39 18.0 1.3				SKS	11 50 06.0 -1.7	
			PP	11 42 16.0 -2.7				S	11 50 28.0 -6.4	
			PPMZ	8.0 3.19				LE	M _S = 6.4 21.0 9.40	
			SKS	11 49 24.0 3.9				LZ	M _S = 6.0 26.0 8.00	
			sS	11 49 40.0 -0.2	BJI	92.8	315	+iP	11 39 45.5 -0.5	
			LN	M _S = 6.6 22.0 13.1				PMZ	m _B = 6.6 8.0 2.80	
			LE	22.0 12.5				esP	11 40 01.0 2.2	
			LZ	M _S = 6.4 20.0 15.8				eSKS	11 50 13.0 -1.8	
GZH	84.6	300	eP	11 39 07.0 -0.2				eS	11 50 40.0 -7.0	
			sP	11 39 21.0 1.1				LN	M _S = 6.7 22.0 14.4	
			PP	11 42 28.0 4.3				LE	21.0 12.3	
			SKS	11 49 26.0 1.6				LZ	M _S = 6.6 40.0 44.7	
			S	11 49 30.0 0.1	TIY	93.7	312	+P	11 39 50.8 0.2	
			LN	M _S = 6.3 17.0 3.92				PMZ	m _B = 6.7 8.0 2.95	
			LE	18.0 6.16				sP	11 40 07.0 3.8	
			LZ	M _S = 6.2 22.0 11.6				SKS	11 50 21.0 0.8	
QZN	85.0	295	P	11 39 06.0 -3.2				S	11 50 54.5 0.8	
			sP	11 39 23.0 1.2				LN	M _S = 6.5 21.0 12.5	
			PP	11 42 28.0 1.1				LZ	M _S = 6.5 26.0 20.9	
			S	11 49 30.0 -3.7	KMI	93.8	297	+P	11 39 52.0 0.9	
			sS	11 49 50.0 -0.3				SKS	11 50 18.0 -2.7	
			LE	M _S = 6.5 20.0 11.3				LE	M _S = 6.4 20.0 8.30	
NJ2	86.1	310	+iP	11 39 15.0 0.4				LZ	M _S = 6.5 20.0 18.0	
			PMZ	m _B = 6.8 7.0 6.29	XAN	94.0	307	P	11 39 52.0 0.2	
			sP	11 39 29.0 1.7				SKS	11 50 25.0 3.2	
			S	11 49 40.0 -4.5				S	11 50 58.0 1.9	
			LN	M _S = 6.7 20.0 14.5				LN	M _S = 6.6 23.0 17.1	
			LE	20.0 9.53	CD2	96.1	302	eP	11 40 01.8 0.8	
			LZ	M _S = 6.5 22.0 23.0				sP	11 40 15.8 2.1	
WHN	88.3	307	P	11 39 24.5 -0.5				PP	11 43 50.0 -5.1	
			PMZ	m _B = 6.8 7.0 5.42				SKS	11 50 34.0 1.3	
			sP	11 39 39.0 1.3				eS	11 51 15.3 0.1	
			PP	11 42 51.0 -2.9				LE	M _S = 6.5 18.0 8.70	
			S	11 50 04.0 -0.8				LZ	M _S = 6.3 25.0 11.8	
			LN	M _S = 6.6 19.0 5.97	HHC	96.1	314	P	11 40 01.0 -0.3	
			LE	20.0 12.3				pP	11 40 12.0 1.8	
			LZ	M _S = 6.5 24.0 22.4				PP	11 43 50.0 -5.5	
MDJ	88.4	325	eP	11 39 25.0 -0.6				SKS	11 50 31.5 -1.5	
			pP	11 39 36.0 1.4				S	11 51 12.9 -0.8	
			PP	11 42 52.0 -2.9				LN	M _S = 6.8 23.0 10.0	
			SKS	11 49 48.0 -0.9				LE	22.0 20.6	
			S	11 50 04.0 -1.9				LZ	M _S = 6.8 30.0 47.5	
			sS	11 50 20.0 -2.6	BTO	96.9	313	+iP	11 40 05.0 -0.1	
			LN	M _S = 6.6 18.0 12.8				sP	11 40 20.0 2.3	
			LZ	M _S = 6.4 30.0 22.0				SKS	11 50 40.0 2.9	
SNY	89.6	320	+iP	11 39 31.0 -0.3				S	11 51 21.0 0.3	
			PMZ	m _B = 6.7 7.5 4.35				SS	11 58 01.0 0.0	
			pP	11 39 40.0 -0.3				LN	M _S = 7.0 25.0 22.8	
			PP	11 43 02.0 -2.6				LE	25.0 34.6	
			S	11 50 14.0 -3.1				LZ	M _S = 6.8 25.0 41.1	
			SMN	24.0 15.6	LZH	98.6	307	eP	11 40 14.0 1.1	
			SME	22.0 6.14				PMZ	3.0 0.16	
			LN	M _S = 6.5 21.0 11.7				pP	11 40 25.5 3.8	
			LZ	M _S = 6.5 25.0 21.9				SKS	11 50 42.0 -4.4	



		LN	$M_s = 6.6$	17.0	3.10	NJ2	40.5	14	eP	01 58 05.5	0.9		
		LE		20.0	11.3	LZH	43.3	355	eP	01 58 28.0	0.1		
		LZ	$M_s = 6.6$	26.0	23.7	TIY	45.0	5	-iP	01 58 41.4	0.5		
GTA	103.1	308	P	11 40 32.0	-0.8	GTA	47.1	351	+P	01 58 57.8	0.3		
			PP	11 44 46.0	-3.1				pP	01 59 35.0	1.5		
			SKS	11 51 03.5	-4.1				PcP	02 00 27.8	1.2		
			S	11 52 06.5	-5.6	BTO	47.7	2	eP	01 59 03.0	0.7		
			SS	11 59 26.0	-0.7	BJI	47.7	9	eP	01 59 02.0	-0.3		
			LE	$M_s = 6.4$	19.0				PcP	02 00 29.5	0.7		
			LZ	$M_s = 6.2$	26.0	WMQ	54.1	342	P	01 59 49.7	-0.6		
LSA	105.1	296	eP	11 40 45.0	3.1				PcP	02 00 54.0	1.6		
			PP	11 45 02.0	-2.1								
			LN	$M_s = 6.5$	21.0								
			LE		24.0								
WMQ	113.1	308	PKP	11 45 10.5	0.6								
			PP	11 46 03.5	-0.2								
			PPMZ			24.0	4.87						
			SKS	11 52 18.0	1.6								
			SS	12 01 41.0	-1.7								
			LN	$M_s = 6.7$	21.0								
			LE		22.0								
			LZ	$M_s = 6.6$	26.0								
KSH	120.3	301	PKP	11 45 25.5	1.6								
			PP	11 46 52.0	-0.4								
			SKS	11 52 31.0	1.0								
			LN	$M_s = 6.9$	20.0								
			LZ	$M_s = 6.6$	24.0								
<p>FEB 25d 23h 07m $41.8 \pm 0.11s$, SD1.37 / 58 $14.20 N \pm 1.53km$, $124.52 E \pm 1.65km$, $h27 \pm 0.13km$ Luzon (249) $M_s 4.6 / 3$, $m_b 5.0 / 1$,</p>													
NJ2	18.5	345	eP	23 12 02.0	3.7								
WHN	18.8	332	eP	23 12 01.0	-0.5								
			pP	23 12 09.0	0.8								
			sS	23 15 36.0	-1.5								
			LZ	$M_s = 4.2$	12.0	0.72							
GYA	20.7	309	P	23 12 22.2	-0.5								
			pP	23 12 30.6	0.4								
			S	23 16 04.0	-2.8								
			LE	$M_s = 4.6$	15.0	1.34							
TIA	22.9	344	eP	23 12 44.4	-0.4								
KMI	23.2	301	-P	23 12 49.0	1.2								
			pP	23 12 56.0	0.7								
			S	23 16 56.0	3.1								
			LZ	$M_s = 4.6$	18.0	1.80							
XAN	24.3	327	-P	23 12 59.8	1.4								
CD2	25.3	315	P	23 13 08.1	-0.1								
TIY	25.8	338	eP	23 13 13.2	0.7								
			S	23 17 40.0	3.1								
			LN	$M_s = 4.6$	15.0	0.80							
			LZ	$M_s = 4.2$	16.0	0.60							
BJI	26.8	346	P	23 13 22.0	0.4								
SNY	27.5	358	eP	23 13 28.1	-0.6								
LZH	28.6	323	eP	23 13 37.0	-1.6								
			PMZ	$m_b = 5.0$	1.5	0.044							
			pP	23 13 45.5	-0.9								
HHC	28.9	339	eP	23 13 41.0	0.3								
BTO	29.2	337	eP	23 13 43.8	0.1								
GTA	33.2	324	eP	23 14 18.5	-0.6								
LSA	34.4	302	P	23 14 29.8	-0.2								
WMQ	43.1	321	eP	23 15 42.0	0.0								
<p>FEB 26d 01h 50m $40.1 \pm 0.07s$, SD1.03 / 32 $7.28 S \pm 1.09km$, $107.94 E \pm 1.01km$, $h164 \pm 0.65km$ Java (277)</p>													
GYA	33.6	358	P	01 57 07.8	1.0								
			PcP	01 59 44.6	1.5								
<p>FEB 26d 05h 34m $41.2 \pm 0.16s$, SD2.09 / 18 $58.91 S \pm 3.02km$, $26.04 W \pm 4.16km$, $h29 \pm 0.66km$ South Sandwich Islands region (153)</p>													
TIY	146.0	110	iPKP	05 54 18.5	0.0								
BTO	147.0	104	PKP	05 54 22.3	2.0								
TIA	147.0	117	+PKP	05 54 21.1	0.9								
BJI	149.6	112	ePKP	05 54 27.0	2.6								
DL2	151.3	120	ePKP	05 54 32.3	5.4								
<p>FEB 26d 05h 58m $40.7 \pm 0.09s$, SD1.17 / 46 $14.43 N \pm 1.25km$, $147.03 E \pm 1.39km$, $h56 \pm 0.72km$ South of the Marianas (210) $m_b 5.4 / 1$,</p>													
BJI	37.1	319	eP	06 05 48.5	0.4								
GYA	39.5	294	P	06 06 09.0	0.9								
XAN	39.6	306	+P	06 06 08.2	-0.2								
HHC	40.5	317	eP	06 06 19.9	3.3								
BTO	41.4	316	eP	06 06 25.0	0.9								
CD2	42.9	300	eP	06 06 35.7	0.0								
LZH	44.2	307	eP	06 06 46.5	0.2								
			PMZ	$m_b = 5.4$	1.5	0.084							
GTA	48.2	310	P	06 07 17.8	-0.5								
LSA	53.5	296	+P	06 07 59.1	0.4								
WMQ	58.1	313	eP	06 08 30.6	-0.7								
<p>FEB 26d 06h 18m $16.5 \pm 0.07s$, SD1.75 / 10 $29.29 N \pm 0.61km$, $103.01 E \pm 0.71km$, $h13 \pm 0.07km$ Sichuan Province (307) $M_L 3.2 / 7$,</p>													
CD2	1.7	22	iPg	06 18 47.7	0.3								
			Sg	06 19 11.9	0.8								
			SMN	$M_L = 3.4$	0.6	0.47							
			SME		0.5	0.33							
GYA	4.3	130	Pg	06 19 33.8	1.3								
			Sg	06 20 26.6	-4.4								
			SMN	$M_L = 3.2$	0.8	0.040							
			SME		0.8	0.050							
<p>FEB 26d 12h 56m $06.4 \pm 0.12s$, SD1.17 / 75 $2.24 N \pm 1.70km$, $128.08 E \pm 1.98km$, $h74 \pm 0.62km$ Djailolo Gilolo (Halmahera) (267) $m_b 5.6 / 2$,</p>													
GZH	25.2	327	eP	13 01 27.5	0.9								
NJ2	30.9	345	eP	13 02 19.0	0.5								
WHN	31.0	337	eP	13 02 21.0	1.6								
GYA	31.7	321	P	13 02 27.0	1.7								
KMI	33.4	315	-P	13 02 42.5	2.2								
TIA	35.3	345	eP	13 02 55.2	-1.2								
XAN	36.3	333	-P	13 03 05.1	-0.4								
CD2	36.6	324	eP	13 03 08.0	0.1								
DL2	37.0	352	eP	13 03 09.4	-1.2								
TIY	38.1	340	-iP	13 03 21.7	1.4								
			LZ	$M_s = 4.7$	20.0	1.13							
BJI	39.1	345	eP	13 03 28.0	-0.7								
SNY	39.6	355	eP	13 03 31.9	-0.7								
LZH	40.5	329	eP	13 03 41.5	1.6								



XAN	36.3	333	S	23 51	32.0	2.7			LSA	44.4	312	-P	23 47	19.2	1.0			
			SME		$m_B = 6.2$	10.0	4.80			pP				23 47	34.0	2.7		
			LN		$M_S = 6.2$	14.0	11.5			SME					$m_B = 6.3$	8.0	3.82	
			LE			15.0	16.2			LN					$M_S = 5.8$	17.0	5.39	
			LZ		$M_S = 5.8$	22.0	17.7			LE						16.0	3.31	
CD2	36.6	324	+iP	23 46	10.7	-0.2			GTA	45.0	329	-iP	23 47	23.1	0.3			
			PMZ		$m_B = 6.8$	4.0	6.26			PMZ				$m_B = 6.5$	5.0	3.41		
			pP	23 46	22.7	-1.4			PcP	23 49	04.3	1.8						
			S	23 51	51.4	5.8			PP	23 49	06.0	-2.5						
			LN		$M_S = 6.0$	18.0	15.8			S	23 53	50.0	-5.2					
DL2	36.9	352	-P	23 46	13.7	0.3			WMQ	54.6	325	-iP	23 48	36.4	-0.2			
			pP	23 46	27.3	0.7			PMZ				$m_B = 6.4$	6.0	2.72			
			S	23 51	49.0	-1.2			PP	23 50	38.5	-1.0						
			LN		$M_S = 6.3$	17.0	24.8			eS	23 56	09.0	-1.5					
			LZ		$M_S = 5.9$	18.0	16.4			LN		$M_S = 6.8$	23.0	54.4				
TIY	38.0	340	eP	23 46	16.0	0.0			LE						19.0	18.7		
			eS	23 51	56.0	0.1			LZ		$M_S = 6.1$	26.0	21.5					
			LE		$M_S = 6.5$	18.0	42.9			iP	23 49	16.0	1.3					
			LZ		$M_S = 5.7$	19.0	12.6			sP	23 49	37.0	2.8					
			iP	23 46	26.0	0.3			S	23 57	22.0	2.0						
BJI	39.1	345	PMZ		$m_B = 6.0$	12.0	3.13		KSH	60.0	315	iP	23 49	16.0	1.3			
			pP	23 46	39.0	0.0			sP	23 49	37.0	2.8						
			PP	23 47	57.0	1.3			S	23 57	22.0	2.0						
			S	23 52	17.0	4.4			LN		$M_S = 6.3$	16.0	10.1					
			sS	23 52	34.0	-2.6			LZ		$M_S = 6.0$	30.0	16.5					
SNY	39.5	355	LE		$M_S = 6.2$	20.0	24.7		FEB 28d 00h 26m 40.8 ± 0.09s, SD1.39 / 71 27.14 N ± 1.16km, 92.64 E ± 0.90km, h44 ± 0.13km Eastern India (317) $M_L 4.7 / 3, m_b 5.0 / 4,$									
			LZ		$M_S = 6.0$	24.0	28.2		KMI	9.3	100	eP	00 28	57.0	1.5			
			-P	23 46	34.0	-0.2			SMN						2.0	0.10		
			PMZ		$m_B = 5.9$	12.0	2.10		SME						2.0	0.10		
			epP	23 46	48.0	0.4			GYA	12.5	90	+P	00 29	38.8	-0.8			
HHC	41.1	341	ePP	23 48	09.0	1.1			LZH	13.1	44	-iP	00 29	46.0	-0.5			
			eS	23 52	28.0	-1.1			PMZ		$m_B = 5.5$	1.0	0.084					
			LN		$M_S = 5.9$	14.0	7.40		XAN	15.6	60	-P	00 30	17.6	-2.0			
			LZ		$M_S = 5.7$	24.0	13.3		WMQ	17.1	348	P	00 30	41.0	2.3			
			-iP	23 46	37.4	-0.7			S	00 33	51.5	6.5						
CN2	41.4	357	pP	23 46	50.5	-1.0			SME						2.0	0.12		
			iS	23 52	37.5	1.4			QZN	17.8	113	eP	00 30	48.3	1.7			
			SMN		$m_B = 6.2$	6.0	1.58		eS	00 34	02.0	1.8						
			SME			10.0	3.80		eP	00 30	57.0	-0.2						
			LN		$M_S = 6.4$	16.0	10.3		eP	00 31	05.5	0.3			1.0	0.080		
BTO	41.5	339	LE		$M_S = 6.0$	16.0	24.8		WLN	19.3	75	eP	00 31	05.5	0.3			
			LZ		$M_S = 6.0$	22.0	23.0		PMZ		$m_B = 5.0$	1.0	0.080					
			P	23 46	52.5	0.9			P	00 31	09.0	-0.2						
			pP	23 47	00.0	-4.8			TIY	19.7	53	-P	00 31	08.3	-1.5			
			S	23 53	04.0	4.7			PMZ		$m_B = 5.1$	0.8	0.070					
MDJ	42.1	2	SMN		$m_B = 6.2$	10.0	2.40		HHC	20.8	44	+P	00 31	20.8	0.1			
			SME			10.0	3.60		NJ2	23.3	72	eP	00 31	46.4	0.6			
			LE		$M_S = 6.1$	18.0	13.5		BJI	23.4	51	eP	00 31	48.0	1.4			
			LZ		$M_S = 6.1$	26.0	35.5		SSE	25.2	74	P	00 32	04.0	-0.4			
			+P	23 46	53.0	-0.2			SNY	29.2	52	+P	00 32	40.8	-0.2			
QZH	24.3	339	PMZ		$m_B = 6.0$	5.0	1.10		QZN	31.2	49	eP	00 32	59.0	0.3			
			pP	23 47	07.0	0.4			FEB 28d 00h 51m 27.3 ± 0.09s, SD1.08 / 96 2.31 N ± 1.14km, 128.02 E ± 1.62km, h59 ± 0.59km Djailolo Gilolo (Halmahera) (267) $M_S 5.3 / 36, m_B 6.5 / 16, m_b 5.9 / 9,$									
			S	23 53	03.0	0.5			-iP	00 56	41.0	0.6			4.0	11.5		
			LZ		$M_S = 6.0$	21.0	19.6		PMZ		$m_B = 6.6$							
			-iP	23 46	54.0	-0.1			pP	00 56	51.0	-2.8						
QZN	24.3	314	pP	23 47	07.0	-0.4			S	01 00	50.0	-1.1						
			S	23 53	03.0	-0.8			LN		$M_S = 5.0$	14.0	2.31					
			LN		$M_S = 6.4$	20.0	16.2		LZ		$M_S = 4.9$	23.0	4.63					
			LE			23.0	28.2		-P	00 56	40.5	-0.6						
			LZ		$M_S = 6.1$	23.0	29.0		pP	00 56	52.0	-2.6						
QZN	24.3	314	-iP	23 46	59.0	-0.5			eS	01 00	53.0	-0.2						
			pP	23 47	12.0	-0.9			sS	01 01	14.0	-2.2						
			sP	23 47	22.0	3.1												
			S	23 53	14.0	0.2												
			sS	23 53	39.0	1.1												
QZN	24.3	314	ScS	23 57	00.0	6.8												
			LN		$M_S = 6.1$	18.0	13.7											
			LZ		$M_S = 6.1$	20.0	24.3											
			-iP	23 46	59.0	-0.5												
			pP	23 47	12.0	-0.9												



TIA	35.2	344	P	01 32 23.7	-0.9			
XAN	36.3	333	-iP	01 32 33.6	-0.2			
CD2	36.6	323	eP	01 32 36.0	-0.3			
DL2	36.9	352	eP	01 32 39.1	0.4			
TIY	38.0	340	eP	01 32 48.5	0.0			
BJI	39.1	345	P	01 32 56.0	-0.9			
			ScP	01 38 51.0	4.0			
			eS	01 38 52.0	0.4			
SNY	39.5	355	eP	01 33 00.4	-0.4			
LZH	40.4	329	-P	01 33 10.0	1.8			
			PMZ	$m_b = 6.3$		1.5	0.73	
			eS	01 39 18.0	6.0			
HHC	41.2	341	P	01 33 15.0	0.6			
			S	01 39 25.5	3.7			
CN2	41.4	357	eP	01 33 16.0	0.1			
BTO	41.5	339	eP	01 33 17.5	0.6			
MDJ	42.1	2	eP	01 33 22.0	-0.2			
LSA	44.4	312	P	01 33 42.4	1.3			
GTA	45.0	329	-iP	01 33 46.2	0.5			
			PMZ			3.0	0.90	
			PcP	01 35 27.0	1.5			
			ePP	01 35 35.0	3.2			
			eS	01 40 23.2	4.0			
			LN	$M_s = 4.9$		22.0	1.10	
WMQ	54.6	325	-iP	01 34 59.5	0.1			
			PMZ	$m_b = 6.1$		4.0	0.87	
			PcP	01 36 02.0	1.4			
			ScS	01 44 41.5	3.5			
			LZ	$M_s = 4.6$		20.0	0.49	
KSH	60.0	315	P	01 35 39.2	1.7			

GTA	45.1	329	eP	05 18 47.2	0.2			
FEB 28d 05h 50m $32.3 \pm 0.11s$, SD1.40 / 90 2.37 N \pm 1.27km, 128.12 E \pm 2.01km, h64 \pm 0.89km Djailolo Gilolo (Halmahera) (267) $M_s 4.7 / 6$, $m_b 5.4 / 1$, $m_p 5.5 / 4$,								
QZH	24.2	339	-P	05 55 44.0	-0.6			
			S	06 00 01.0	6.2			
			LZ	$M_s = 4.3$		18.0	0.85	
QZN	24.4	314	eP	05 55 45.4	-0.5			
GZH	25.1	326	eP	05 55 53.2	0.5			
SSE	29.3	348	eP	05 56 30.0	-1.3			
			eS	06 01 18.0	-0.1			
			sS	06 01 40.0	-4.0			
			LN	$M_s = 4.5$		10.0	0.40	
			LZ	$M_s = 4.2$		16.0	0.45	
NJ2	30.8	345	eP	05 56 44.5	0.1			
			LZ	$M_s = 4.3$		20.0	0.61	
WHN	30.9	336	eP	05 56 45.5	0.1			
			sP	05 57 05.5	-1.7			
			LZ	$M_s = 4.6$		24.0	1.40	
GYA	31.6	321	P	05 56 54.0	2.4			
KMI	33.3	315	eP	05 57 06.5	-0.2			
TIA	35.2	344	P	05 57 21.7	-0.7			
XAN	36.2	332	-P	05 57 30.3	-1.3			
CD2	36.5	323	eP	05 57 35.2	1.1			
DL2	36.8	352	eP	05 57 37.2	0.7			
TIY	38.0	340	eP	05 57 46.0	-0.3			
BJI	39.0	345	eP	05 57 55.0	0.3			
SNY	39.5	355	eP	05 57 59.0	0.4			
LZH	40.4	329	eP	05 58 06.5	0.5			
			PMZ	$m_b = 5.8$		1.5	0.22	
			eS	06 04 14.0	4.9			
			SMN	$m_b = 5.4$		8.0	0.53	
			LZ	$M_s = 4.0$		26.0	0.30	
HHC	41.1	341	eP	05 58 12.0	-0.2			
			S	06 04 23.0	4.1			
			LZ	$M_s = 4.6$		22.0	0.90	
CN2	41.3	357	eP	05 58 15.0	1.3			
			eS	06 04 26.0	3.2			
			LZ	$M_s = 4.5$		18.0	0.60	
BTO	41.4	339	eP	05 58 15.0	0.3			
			pP	05 58 28.0	-1.7			
			eS	06 04 27.0	2.4			
MDJ	42.1	2	eP	05 58 19.5	-0.5			
			eS	06 04 30.0	-4.2			
			LZ	$M_s = 4.6$		20.0	0.88	
LSA	44.4	312	P	05 58 40.8	1.8			
GTA	45.0	329	+P	05 58 44.0	0.5			
			PMZ			3.0	0.41	
			PP	06 00 25.0	-4.2			
			eS	06 05 15.0	-1.3			
			LE	$M_s = 4.7$		12.0	0.33	
WMQ	54.6	325	P	05 59 56.5	-0.7			
			S	06 07 32.0	3.1			
			LZ	$M_s = 4.6$		16.0	0.40	
KSH	60.0	315	eP	06 00 37.0	1.6			

FEB 28d 03h 56m $59.6 \pm 0.12s$, SD2.09 / 12 25.99 N \pm 0.87km, 102.79 E \pm 0.59km, h4 \pm 0.41km Yunnan Province (318) $M_L 3.6 / 4$, $m_b 3.8 / 1$,								
GYA	3.5	82	Pn	03 57 56.0	0.5			
			Sn	03 58 37.8	-1.6			
			SMN	$M_L = 3.3$		1.4	0.10	
			SME			1.4	0.080	
CD2	5.0	10	ePn	03 58 16.1	0.7			

FEB 28d 04h 49m $11.5 \pm 0.17s$, SD1.50 / 44 2.17 N \pm 2.20km, 127.94 E \pm 2.26km, h109 \pm 1.21km Djailolo Gilolo (Halmahera) (267) $m_b 5.2 / 1$,								
QZH	24.4	339	-P	04 54 22.0	1.1			
GZH	25.2	327	eP	04 54 27.6	-0.8			
NJ2	30.9	345	eP	04 55 23.0	2.5			
WHN	31.0	337	+P	04 55 22.6	1.3			
XAN	36.3	333	P	04 56 06.3	-0.8			
CD2	36.6	324	P	04 56 09.5	0.2			
DL2	37.0	352	eP	04 56 15.4	2.7			
BJI	39.2	346	eP	04 56 28.0	-2.7			
LZH	40.4	329	P	04 56 43.0	1.6			
			PMZ	$m_b = 5.2$		2.0	0.088	
GTA	45.0	329	P	04 57 18.5	-0.2			
WMQ	54.7	325	-iP	04 58 32.0	-0.1			

FEB 28d 05h 10m $34.9 \pm 0.10s$, SD1.25 / 27 2.10 N \pm 1.04km, 127.94 E \pm 1.31km, h66 \pm 0.80km Djailolo Gilolo (Halmahera) (267) $m_b 4.9 / 2$,								
QZH	24.4	339	eP	05 15 49.2	0.3			
XAN	36.4	333	P	05 17 34.3	-1.0			
BJI	39.2	346	eP	05 17 57.5	-1.5			
LZH	40.5	329	eP	05 18 10.0	0.4			
			PMZ	$m_b = 5.1$		1.5	0.044	
LSA	44.4	312	P	05 18 43.5	1.7			

FEB 28d 05h 53m $53.1 \pm 0.06s$, SD1.01 / 32 2.35 N \pm 4.37km, 128.43 E \pm 2.98km, h58 \pm 3.00km Djailolo Gilolo (Halmahera) (267) $m_b 5.3 / 2$,								
QZH	24.4	338	eP	05 59 07.2	-0.1			
QZN	24.6	314	eP	05 59 09.4	-0.2			
GZH	25.3	326	eP	05 59 14.4	-1.5			
SSE	29.4	347	P	05 59 53.5	0.1			
NJ2	30.9	344	eP	06 00 03.0	-3.7			
WHN	31.0	336	eP	06 00 09.0	0.9			



TIY	38.1	339	sP	06 00 31.0	2.9		
BJI	39.1	345	+P	06 01 09.5	0.7		
SNY	39.5	354	eP	06 01 17.0	0.0		
LZH	40.5	329	eP	06 01 20.8	0.4		
			PMZ	$m_b = 5.6$	2.0	0.19	
BTO	41.6	339	eP	06 01 38.3	1.1		
GTA	45.1	328	P	06 02 06.4	0.0		
			PP	06 03 48.0	-4.2		
WMQ	54.8	325	P	06 03 20.0	-0.1		

QZN	170.9	115	PKP	13 21 03.0	1.7		
			pPKP	13 23 15.0	1.3		
			ePP	13 26 18.0	0.5		
			SKKS	13 32 09.0	1.0		
			SS	13 46 28.0	-4.6		
GZH	175.3	90	PKP	13 21 02.0	-1.0		
			PP	13 26 39.0	0.3		
			SKKS	13 32 27.0	-0.9		
QZH	178.2	357	PKP	13 21 05.0	1.5		
			PKP2	13 22 58.0	1.3		
			pPKP	13 23 14.0	-2.0		
			PP	13 26 50.0	-2.1		
			PPMZ	$m_b = 6.0$	8.0	2.33	
			SKKS	13 32 44.0	1.8		

FEB 28d 06h 07m $11.5 \pm 0.12s$, SD1.38 / 72
 2.35 N $\pm 1.44km$, 128.06 E $\pm 2.23km$, h67 $\pm 0.78km$
 Djailolo Gilolo (Halmahera) (267)
 $M_s 4.6 / 3$, $m_b 5.7 / 1$, $m_b 5.5 / 3$,

FEB 28d 13h 48m $56.7 \pm 0.17s$, SD1.00 / 50
 7.62 S $\pm 0.97km$, 127.41 E $\pm 1.23km$, h195 $\pm 1.36km$
 Timor (289)
 $m_b 5.3 / 2$,

QZH	24.2	339	-P	06 12 24.0	0.4		
			S	06 16 40.0	5.9		
QZN	24.3	314	eP	06 12 24.4	-0.2		
GZH	25.1	326	eP	06 12 32.1	0.6		
SSE	29.3	348	eP	06 13 10.5	0.2		
NJ2	30.8	345	+P	06 13 24.0	0.7		
WHN	30.9	337	-P	06 13 25.0	0.7		
GYA	31.6	321	P	06 13 31.2	0.9		
TIA	35.2	345	P	06 14 00.0	-1.4		
XAN	36.2	333	-iP	06 14 10.1	-0.3		
CD2	36.5	324	eP	06 14 12.8	-0.1		
TIY	38.0	340	+P	06 14 26.4	1.1		
			LN	$M_s = 4.5$	13.0	0.33	
BJI	39.0	345	eP	06 14 32.5	-1.2		
SNY	39.5	355	+P	06 14 37.8	0.2		
LZH	40.4	329	eP	06 14 46.0	1.1		
			PMZ	$m_b = 5.8$	2.0	0.28	
HHC	41.1	341	eP	06 14 51.0	-0.1		
CN2	41.3	357	eP	06 14 55.0	2.2		
BTO	41.4	339	eP	06 14 53.0	-0.6		
MDJ	42.1	2	eP	06 14 59.0	-0.1		
GTA	45.0	329	-P	06 15 23.0	0.7		
			PMZ	$m_b = 5.7$	5.0	0.55	
			ePP	06 17 04.0	-4.4		
			LE	$M_s = 4.6$	11.5	0.27	
WMQ	54.6	325	P	06 16 36.0	0.0		
KSH	60.0	315	eP	06 17 13.0	-1.2		
			pP	06 17 30.0	-1.0		
			eS	06 25 19.0	-1.3		

SSE	39.0	351	eP	13 56 04.5	-1.3		
GYA	39.4	330	P	13 56 10.2	0.5		
			PcP	13 58 14.6	1.0		
WHN	40.0	342	eP	13 56 15.0	1.0		
NJ2	40.3	349	eP	13 56 16.5	-0.2		
KMI	40.4	324	+P	13 56 20.0	1.7		
CD2	44.5	331	eP	13 56 51.0	0.0		
XAN	45.0	338	+P	13 56 53.4	-1.3		
BJI	48.5	348	eP	13 57 22.5	0.1		
LZH	48.8	335	eP	13 57 25.0	0.4		
			PMZ	$m_b = 5.1$	1.5	0.088	
LSA	50.9	318	+P	13 57 41.5	0.6		
GTA	53.3	333	+iP	13 57 58.0	-0.5		
WMQ	62.5	329	+iP	13 59 01.7	-0.9		

FEB 28d 13h 01m $56.9 \pm 0.14s$, SD1.37 / 34
 23.13 S $\pm 1.96km$, 61.50 W $\pm 1.41km$, h565 $\pm 1.37km$
 Salta Province, Argentina (129)
 $m_b 5.9 / 5$,

FEB 28d 16h 31m $00.3 \pm 0.09s$, SD1.44 / 50
 26.14 N $\pm 1.72km$, 130.66 E $\pm 1.80km$, h38 $\pm 0.70km$
 Ryukyu Islands region (239)
 $M_s 4.5 / 3$, $m_b 4.8 / 1$,

KSH	140.5	55	PKP	13 20 25.0	1.4		
			sPKP	13 23 23.0	-4.4		
			PP	13 23 34.0	2.0		
			PPMZ	$m_b = 6.1$	8.0	1.40	
KMI	165.5	79	PKP	13 20 59.0	1.0		
			PKP2	13 21 59.0	-1.5		
			pPKP	13 23 05.0	-5.0		
			sPKP	13 24 07.0	4.2		
			PP	13 25 50.0	-0.3		
			PPMZ	$m_b = 5.9$	7.0	1.30	
			pPP	13 27 52.0			
			SKKS	13 31 38.0	-2.7		
GYA	168.7	70	PKP	13 21 00.8	0.7		
			PKP2	13 22 20.0	5.2		
			pPKP	13 23 16.0	3.7		
			PP	13 26 07.0	0.4		
			PPMZ	$m_b = 5.6$	10.0	0.95	
			SKKS	13 31 52.0	-5.0		
			SS	13 46 10.0	-1.9		

NJ2	11.9	302	+P	16 33 49.4	-1.0		
			LZ	$M_s = 3.8$	15.0	0.59	
WHN	15.0	291	eP	16 34 30.5	-1.3		
TIA	15.3	314	eP	16 34 40.2	4.5		
SNY	16.7	341	eP	16 34 52.0	-1.3		
CN2	18.1	348	eP	16 35 10.5	-0.6		
BJI	18.4	323	eP	16 35 14.0	-0.3		
MDJ	18.5	358	eP	16 35 15.5	0.3		
TIY	19.3	311	eP	16 35 24.5	-0.3		
			eS	16 39 00.0	5.3		
			LN	$M_s = 4.5$	13.0	0.67	
			LE		14.0	0.87	
XAN	20.4	298	+P	16 35 34.0	-2.7		
GYA	21.5	276	P	16 35 51.0	2.6		
HHC	21.6	318	P	16 35 51.5	2.3		
BTO	22.4	315	eP	16 35 59.0	1.7		
			sP	16 36 13.0	1.7		
			eS	16 40 00.0	3.8		
			LN	$M_s = 4.5$	14.0	0.50	
			LE		14.0	0.60	
			LZ	$M_s = 4.4$	14.0	1.00	
CD2	24.1	288	eP	16 36 15.0	1.3		
GTA	29.0	305	-P	16 36 57.4	-1.5		
			LN	$M_s = 4.8$	15.0	1.22	
			LZ	$M_s = 4.4$	17.0	0.85	
WMQ	38.9	308	eP	16 38 24.7	0.4		

FEB 28d 17h 25m $52.2 \pm 0.09s$, SD2.09 / 39
 34.51 N $\pm 2.19km$, 139.32 E $\pm 2.20km$, h131 $\pm 1.74km$
 Near south coast of Honshu (230)

MDJ	12.6	326	eP	17 28 45.5	-2.0		
			sP	17 29 20.0	-2.0		
			eS	17 31 04.0	-1.0		
			LZ			20.0	1.33
NJ2	17.3	268	eP	17 29 45.5	-1.4		
			LN			11.0	0.69
			LE			10.0	0.65
			LZ			18.0	1.19
TIA	18.2	282	eP	17 30 00.0	2.6		
			LN			13.0	1.40
			LE			13.0	0.80
			LZ			18.0	1.90
BJI	19.2	293	P	17 30 09.5	1.0		
WHN	21.4	266	eP	17 30 31.5	0.6		
			LN			17.0	2.31
			LZ			16.0	1.80
TIY	21.9	286	eP	17 30 38.6	2.5		
			LN			13.0	1.67
			LZ			15.0	1.78
XAN	25.1	278	P	17 31 06.6	0.1		
			LN			18.0	4.10
GYA	29.2	263	P	17 31 46.2	2.5		
CD2	30.0	273	eP	17 31 50.0	-1.4		
			LN			15.0	3.29
			LZ			16.0	1.78
WMQ	40.5	299	eP	17 33 24.5	4.2		

FEB 28d 18h 33m 47.3 ± 0.09s, SD1.00 / 32
 2.50 S ± 0.82km, 140.85 E ± 0.42km, h52 ± 0.94km
 West Irian (201)
 m_b 5.2 / 1,

GYA	43.8	313	P	18 41 51.8	1.4		
XAN	47.2	323	-P	18 42 16.1	-0.9		
BJI	48.0	334	eP	18 42 22.0	-1.5		
CN2	48.1	345	P	18 42 23.5	-1.0		
CD2	48.5	316	eP	18 42 28.3	1.0		
BTO	51.3	330	eP	18 42 48.6	-0.4		
LZH	51.6	322	eP	18 42 52.0	0.6		
			PMZ			$m_b = 5.2$	1.5 0.044
GTA	56.2	322	-P	18 43 25.0	0.0		
WMQ	66.2	321	P	18 44 32.6	0.2		

FEB 28d 21h 45m 27.1 ± 0.10s, SD1.24 / 26
 2.04 N ± 0.97km, 126.54 E ± 1.20km, h82 ± 0.80km
 Molucca Passage (266)

XAN	35.8	335	-P	21 52 20.1	-1.1		
BJI	39.0	347	eP	21 52 47.5	0.1		
GTA	44.5	330	eP	21 53 32.0	-0.4		
WMQ	54.0	326	eP	21 54 46.0	0.4		

FEB 28d 21h 57m 50.2 ± 0.08s, SD0.77 / 31
 11.32 S ± 1.48km, 166.38 E ± 0.87km, h64 ± 0.75km
 Santa Cruz Islands (184)
 m_b 5.1 / 1,

NJ2	62.7	315	-P	22 08 10.8	-0.3		
CN2	66.3	329	+P	22 08 33.8	-0.9		
BJI	69.1	321	eP	22 08 51.0	-1.2		
GYA	69.1	304	P	22 08 52.2	-0.1		
TIY	70.2	317	eP	22 08 59.0	0.0		
XAN	70.8	312	-iP	22 09 02.7	0.2		
CD2	73.3	307	eP	22 09 18.2	0.9		
BTO	73.3	319	eP	22 09 18.4	0.8		
LZH	75.4	312	eP	22 09 31.0	1.2		
			PMZ			$m_b = 5.1$	1.5 0.044
GTA	79.7	314	+iP	22 09 54.2	0.5		
WMQ	89.7	315	-iP	22 10 44.0	0.3		