



Sta. code	Δ (deg.)	Az (deg.)	Phase	UTC (h min s)	Resid (s)	T (s)	A (μm)	Sta. code	Δ (deg.)	Az (deg.)	Phase	UTC (h min s)	Resid (s)	T (s)	A (μm)	
<p>JUL 1d 03h 59m 14.7 ± 0.15s, SD1.53 / 58 6.39 S ± 1.33km, 147.88 E ± 1.78km, h50 ± 0.78km Eastern New Guinea region M_S5.1 / 18, m_b5.4 / 4, m_b4.9 / 4, (207)</p>								<p>JUL 1d 05h 45m 42.2 ± 0.06s, SD0.86 / 74 28.70 N ± 1.06km, 142.38 E ± 1.24km, h33 ± 0.26km Bonin Islands region M_S4.4 / 16, m_b4.8 / 7, (212)</p>								
QZH	42.2	319	eP	04 07 06.0	1.1			LZH	59.1	319	eP	04 09 13.5	0.6			
			S	04 13 23.0	2.8						PMZ		m _b = 5.1	2.5	0.063	
			SMN		m _b = 5.5	4.0	0.31				LZ		M _S = 4.8	26.0	0.90	
			LE		M _S = 5.1	18.0	1.33	GTA	63.6	320	eP	04 09 41.0	-2.4			
			LZ		M _S = 4.6	28.0	1.19				S	04 18 11.0	0.6			
SSE	45.2	327	eP	04 07 28.5	-0.3						LZ		M _S = 4.8	20.0	0.60	
			sP	04 07 47.2	0.4			WMQ	73.6	319	eP	04 10 44.5	-1.1			
			S	04 14 08.0	4.9						PcP	04 11 02.5	2.3			
			SMN		m _b = 5.4	8.0	0.41				S	04 20 16.0	6.6			
			sS	04 14 28.0	2.3						LZ		M _S = 4.6	40.0	0.69	
			LN		M _S = 5.1	14.0	0.87	<p>JUL 1d 05h 45m 42.2 ± 0.06s, SD0.86 / 74 28.70 N ± 1.06km, 142.38 E ± 1.24km, h33 ± 0.26km Bonin Islands region M_S4.4 / 16, m_b4.8 / 7, (212)</p>								
			LE			14.0	0.70	SSE	18.5	283	eP	05 49 58.0	-0.3			
			LZ		M _S = 4.9	20.0	1.40				pP	05 50 04.5	-1.3			
QZN	45.2	305	eP	04 07 31.7	2.7						sP	05 50 12.0	1.5			
			S	04 14 09.0	5.7						sS	05 53 32.0	-0.8			
			LN		M _S = 4.8	12.0	0.40				LE		M _S = 4.1	16.0	0.49	
NJ2	47.2	326	-P	04 07 49.0	4.3						LZ		M _S = 4.0	16.0	0.53	
			LZ		M _S = 5.0	20.0	1.53	MDJ	18.9	331	eP	05 50 01.5	-1.1			
WHN	48.8	321	eP	04 07 59.5	2.4						eS	05 53 28.0	-0.5			
			PMZ		m _b = 5.6	1.2	0.10				sS	05 53 37.0	-3.6			
			sP	04 08 19.0	3.9						LZ		M _S = 4.0	20.0	0.70	
			eS	04 14 59.0	3.7			DL2	20.0	306	eP	05 50 15.0	0.1			
			LN		M _S = 4.9	12.0	0.31				eS	05 53 52.0	-1.1			
			LE			12.0	0.29				LN		M _S = 4.7	15.0	1.08	
			LZ		M _S = 4.7	20.0	0.75				LE			15.0	1.07	
DL2	51.2	334	eP	04 08 16.0	0.2						LZ		M _S = 4.3	16.0	0.90	
			S	04 15 34.0	6.1			SNY	20.1	316	eP	05 50 15.8	-0.6			
			LZ		M _S = 4.7	21.0	0.85				pP	05 50 23.0	-1.9			
TIA	51.3	328	-P	04 08 15.1	-1.0						eS	05 53 54.0	-2.0			
GYA	51.6	311	P	04 08 18.0	-0.7						LZ		M _S = 4.2	16.0	0.70	
			LN		M _S = 5.1	14.0	0.70	CN2	20.3	323	eP	05 50 17.5	-0.5			
			LE			14.0	0.50				epP	05 50 25.0	-1.5			
SNY	52.9	337	-P	04 08 27.0	-1.2						eS	05 53 58.0	-1.1			
			S	04 15 51.0	0.4						LN		M _S = 4.4	14.0	0.60	
			ScS	04 18 10.0	1.2						LE			14.0	0.30	
			LZ		M _S = 4.9	29.0	1.79	NJ2	20.6	285	+P	05 50 20.6	-0.3			
MDJ	53.4	344	eP	04 08 31.0	-0.9						pP	05 50 29.5	0.0			
			eS	04 15 56.0	-2.5						LZ		M _S = 4.0	18.0	0.60	
			LZ		M _S = 4.9	20.0	1.06	QZH	21.5	266	eP	05 50 31.0	0.0			
XAN	54.5	320	P	04 08 39.5	-1.0						eS	05 54 23.0	-0.1			
BJI	54.7	330	eP	04 08 40.5	-0.9						LE		M _S = 4.2	16.0	0.53	
			esP	04 09 04.0	4.4						LZ		M _S = 4.1	16.0	0.59	
			eS	04 16 17.0	1.1						TIA	22.6	296	eP	05 50 41.0	0.0
			eSS	04 19 54.0	-3.4						BJI	24.3	305	eP	05 50 57.5	-0.8
			LN		M _S = 5.0	17.0	0.74				eS	05 55 12.0	-0.7			
			LZ		M _S = 5.0	21.0	1.54				LE		M _S = 4.5	16.0	0.83	
TIY	54.9	326	eP	04 08 42.5	-0.8						LZ		M _S = 4.5	16.0	1.17	
			S	04 16 17.0	-1.1						WHN	24.4	281	eP	05 51 00.0	0.9
			sS	04 16 38.5	-2.7						PMZ		m _b = 4.9	1.0	0.050	
			LN		M _S = 5.3	19.0	1.55				sP	05 51 09.0	-3.2			
			LZ		M _S = 5.2	22.0	2.09				eS	05 55 16.0	1.7			
CD2	56.2	314	eP	04 08 52.1	-0.2						LN		M _S = 4.3	14.0	0.42	
HHC	57.6	328	eP	04 09 02.4	-0.3						TIY	26.5	298	+P	05 51 20.0	0.8
			S	04 16 55.0	1.0						LE		M _S = 4.4	15.0	0.57	
			LZ		M _S = 5.2	22.0	2.01				LZ		M _S = 4.3	20.0	0.88	
BTO	58.3	327	P	04 09 07.0	-0.3						HHC	27.9	304	eP	05 51 31.6	-0.4
			sP	04 09 30.0	4.7						S	05 56 12.0	0.9			
			S	04 17 04.5	1.9						LE		M _S = 4.7	15.0	1.01	
			LN		M _S = 5.5	21.0	2.10				LZ		M _S = 4.8	16.0	1.78	
			LE			21.0	1.30	XAN	29.0	289	P	05 51 40.5	-0.9			



BTO	29.0 303	eP	05 51 41.5	0.0	15.0 0.70	15.0 1.20
		sP	05 51 52.5	-2.1		
		eS	05 56 25.5	-3.8		
		LN	$M_S = 4.9$			
		LE				
QZN	31.2 259	eP	05 52 00.5	-0.4		
		eS	05 57 03.0	-0.8		
GYA	31.7 275	+P	05 52 05.6	0.3		
		pP	05 52 11.4	-2.9		
		S	05 57 12.4	1.9		
		+iP	05 52 20.5	-0.5		
CD2	33.5 283	-P	05 52 39.0	1.2		
		eS	05 58 08.0	-2.1		
GTA	36.6 298	eP	05 52 46.4	-0.9	18.0 1.00	1.0 0.0090
		PMZ	$m_b = 4.5$			
		LE	$M_S = 4.6$	12.0 0.36		
		LZ	$M_S = 4.5$	14.0 0.59		
WMQ	45.8 305	P	05 54 03.5	0.3		
		pP	05 54 10.7	-1.8		
		sP	05 54 15.2	-1.3		
		PcP	05 55 41.5	1.4		
		eS	06 00 43.2	-1.1		
		LZ	$M_S = 4.2$	32.0 0.47		

JUL 1d 14h 10m $17.8 \pm 0.11s$, SD1.29 / 18
 $0.95 N \pm 1.16km$, $126.73 E \pm 2.21km$, $h34 \pm 0.17km$
 Molucca Passage (266)

BJI	40.1 347	eP	14 17 51.0	-1.0		
SNY	40.8 356	+iP	14 17 58.4	0.4		
GTA	45.5 331	eP	14 18 36.0	-0.3		

JUL 1d 15h 35m $37.8 \pm 0.09s$, SD1.88 / 46
 $36.47 N \pm 2.44km$, $141.41 E \pm 1.84km$, $h57 \pm 1.85km$
 Near east coast of Honshu (228)
 $M_S 4.2 / 1$,

MDJ	12.1 316	eP	15 38 32.0	1.7		
CN2	14.2 306	eP	15 39 00.0	2.0		
SNY	14.8 297	eP	15 39 06.4	0.5		
DL2	15.9 285	eP	15 39 23.4	4.4		
NJ2	19.1 263	eP	15 40 01.0	1.6	18.0 0.30	
		LZ	$M_S = 3.7$			
TIA	19.6 277	eP	15 40 01.0	-2.9		
BJI	20.1 288	eP	15 40 08.0	-1.8		
TIY	23.1 282	eP	15 40 38.8	-1.2	14.0 0.39	20.0 0.75
		LE	$M_S = 4.2$			
		LZ	$M_S = 4.2$			
WHN	23.3 263	eP	15 40 43.2	1.7		
XAN	26.6 274	P	15 41 13.0	0.1		
GYA	31.1 261	P	15 41 53.6	-0.2		
		S	15 46 55.2	2.4		
CD2	31.7 271	eP	15 41 57.9	-0.6		
GTA	32.7 288	eP	15 42 07.4	-0.5		
WMQ	41.1 297	P	15 43 19.5	1.3		

JUL 1d 18h 27m $11.8 \pm 0.10s$, SD1.96 / 44
 $39.16 N \pm 1.80km$, $71.56 E \pm 1.55km$, $h33 \pm 0.31km$
 Afghanistan-USSR border region (717)
 $M_S 4.3 / 5$, $M_L 5.0 / 2$, $m_b 4.5 / 3$,

KSH	3.4 83	Pn	18 28 08.0	4.9	1.4 8.80	1.3 6.60
		Pg	18 28 15.0	2.9		
		SMN	$M_L = 5.2$			
		SME				
WMQ	13.0 64	P	18 30 14.6	-2.1	17.0 0.67	
		S	18 32 40.0	-0.2		
		sS	18 32 51.7	-0.2		
		LZ	$M_S = 3.9$			
		P	18 31 30.0	-0.2		

GTA	21.8 80	+P	18 32 04.4	0.8	15.0 0.70	15.0 1.20
		LN	$M_S = 4.1$			
		PMZ	$m_b = 4.5$			
		eP	18 32 42.5	1.5		
LZH	25.7 87	eP	18 32 42.5	1.5		
CD2	27.5 97	eP	18 32 58.4	0.7		
		PMZ	$m_b = 4.9$	1.5 0.044		
GYA	31.9 103	P	18 33 40.0	3.0		
BJI	34.1 74	eP	18 33 56.5	0.6		
WHN	35.9 90	eP	18 34 11.0	0.0		
CN2	40.0 65	eP	18 34 47.0	1.1		

JUL 2d 05h 28m $28.8 \pm 0.06s$, SD1.45 / 16
 $13.47 S \pm 1.26km$, $167.02 E \pm 2.32km$, $h48 \pm 0.54km$
 Vanuatu (New Hebrides) (186)
 $m_b 4.6 / 1$,

CN2	68.4 329	eP	05 39 27.5	-1.0		
BJI	71.1 321	eP	05 39 44.0	-1.0		
TIY	72.2 317	eP	05 39 50.5	-0.8		
GTA	81.6 314	P	05 40 44.0	-0.3	1.0 0.0080	
		PMZ	$m_b = 4.6$			

JUL 2d 06h 41m $12.4 \pm 0.20s$, SD2.73 / 26
 $53.40 N \pm 2.92km$, $107.83 E \pm 1.79km$, $h35 \pm 0.55km$
 Lake Baykal region (327)
 $M_S 4.2 / 11$, $M_L 4.5 / 1$, $m_b 4.6 / 1$,

HHC	12.8 167	eP	06 44 15.0	-0.2	9.0 0.70	9.0 0.50
		eS	06 46 35.0	-2.7		
		LN	$M_S = 4.3$			
BTO	12.9 173	eP	06 44 15.0	-1.4	9.0 0.70	9.0 0.40
		LN	$M_S = 4.3$			
		LE				
BJI	14.5 154	P	06 44 37.5	-0.1	9.0 0.38	10.0 0.70
		LN	$M_S = 4.1$			
		LZ	$M_S = 4.2$			
GTA	15.0 205	eP	06 44 42.2	-2.2	8.0 0.46	8.0 0.71
		LE	$M_S = 4.2$			
		LZ	$M_S = 4.3$			
CN2	15.1 123	eP	06 44 47.5	2.8		
TIY	16.0 167	eP	06 45 01.4	4.4		
		sS	06 48 09.0	3.8		
WMQ	16.4 242	P	06 45 03.5	2.2	10.0 0.24	5.0 0.27
		LN	$M_S = 4.2$			
		LZ	$M_S = 3.8$	12.0 0.34		
CD2	22.7 189	eP	06 46 12.9	0.6		

JUL 2d 07h 55m $14.0 \pm 0.10s$, SD1.83 / 29
 $24.48 N \pm 1.16km$, $95.73 E \pm 0.92km$, $h18 \pm 0.23km$
 Burma (296)
 $M_S 4.0 / 1$, $M_L 3.9 / 2$,

WHN	17.6 66	eP	07 59 20.7	0.7		
		PP	07 59 37.5	3.6		
TIY	19.4 43	eP	07 59 41.0	-1.4	10.0 0.25	
		LN	$M_S = 4.0$			
WMQ	20.4 343	eP	07 59 51.5	-1.3		
BJI	23.1 43	eP	08 00 21.0	0.4		

JUL 2d 08h 49m $05.4 \pm 0.08s$, SD1.30 / 21
 $18.78 N \pm 0.79km$, $145.29 E \pm 1.72km$, $h616 \pm 0.72km$
 Marianas (216)

QZH	25.5 289	eP	08 53 48.7	-0.6		
WHN	30.4 299	eP	08 54 32.5	1.4		
GYA	36.4 289	+P	08 55 23.0	1.7		
		PP	08 57 02.6	-5.0		
WMQ	54.0 311	S	09 00 24.0	2.5		
		P	08 57 36.8	1.2		

	S	09 04 27.5	1.7				
	ScS	09 06 22.0	3.3				
JUL 2d 18h 26m 31.2 ± 0.09s, SD1.77 / 9							
39.12 N ± 0.66km, 106.80 E ± 0.74km, h9 ± 0.54km							
Northern China (323)							
M _L 3.2 / 9,							
BTO	2.9 58	Pn	18 27 19.8	2.0			
		Sn	18 27 55.0	0.6			
		SMN	M _L = 2.9	0.5	0.050		
		SME		0.5	0.050		
HHC	4.0 63	ePg	18 27 40.6	-2.2			
		Sn	18 28 30.0	6.8			
		SMN	M _L = 3.0	0.6	0.050		
		SME		0.6	0.010		
TIY	4.6 106	ePg	18 27 52.3	-1.0			
		SMN	M _L = 3.1	0.4	0.030		
		SME		0.6	0.020		

JUL 2d 23h 01m 07.8 ± 0.09s, SD2.10 / 12							
23.60 N ± 0.89km, 100.58 E ± 1.13km, h9 ± 0.26km							
Yunnan Province (318)							
M _S 4.0 / 2, M _L 4.1 / 7,							
KMI	2.5 52	Pg	23 01 55.0	3.1			
		Sg	23 02 26.0	0.4			
		SMN	M _L = 4.1	1.0	1.10		
		SME		1.0	1.10		
		LN		8.0	3.80		
		LE		8.0	2.70		
GYA	6.2 61	Pn	23 02 40.0	-0.1			
		Pg	23 03 01.6	4.3			
		SMN	M _L = 3.3	1.0	0.030		
		SME		1.0	0.010		
		LN	M _S = 3.7	8.0	0.50		
		LE		8.0	0.40		
CD2	7.8 21	ePn	23 03 05.5	3.5			
		SMN	M _L = 4.3	1.7	0.10		
		SME		1.3	0.070		
XAN	12.7 33	P	23 04 12.5	0.7			
		LN	M _S = 4.2	8.0	0.42		
		LE		7.0	0.33		

JUL 3d 15h 12m 38.9 ± 0.11s, SD1.53 / 57							
45.49 N ± 2.80km, 151.09 E ± 1.81km, h58 ± 1.62km							
Kurile Islands region (222)							
M _S 4.2 / 2, m _b 5.1 / 3,							
MDJ	15.2 274	eP	15 16 12.7	0.8			
CN2	18.3 274	eP	15 16 50.2	-0.3			
SNY	20.2 269	+P	15 17 11.0	-0.7			
DL2	22.7 264	eP	15 17 41.4	4.4			
BJI	26.1 270	eP	15 18 10.0	0.8			
		sS	15 22 52.0	-4.9			
		LZ	M _S = 3.8	24.0	0.32		
TIA	27.1 262	eP	15 18 19.4	0.3			
HHC	29.0 275	P	15 18 31.6	-4.2			
TIY	29.7 269	+P	15 18 42.4	0.2			
		LE	M _S = 4.5	17.0	0.64		
		LZ	M _S = 4.4	23.0	0.93		
BTO	30.2 275	eP	15 18 45.6	-0.7			
XAN	34.0 265	P	15 19 19.5	-0.3			
LZH	36.5 272	eP	15 19 42.0	0.7			
		PMZ	m _b = 5.1	1.5	0.044		
GTA	37.8 279	+iP	15 19 52.4	0.5			
		PMZ	m _b = 5.8	1.0	0.16		
CD2	39.4 265	eP	15 20 05.1	0.1			
GYA	40.1 257	P	15 20 10.6	-0.2			
WMQ	44.1 291	P	15 20 45.5	1.9			
		LZ	M _S = 4.2	20.0	0.28		

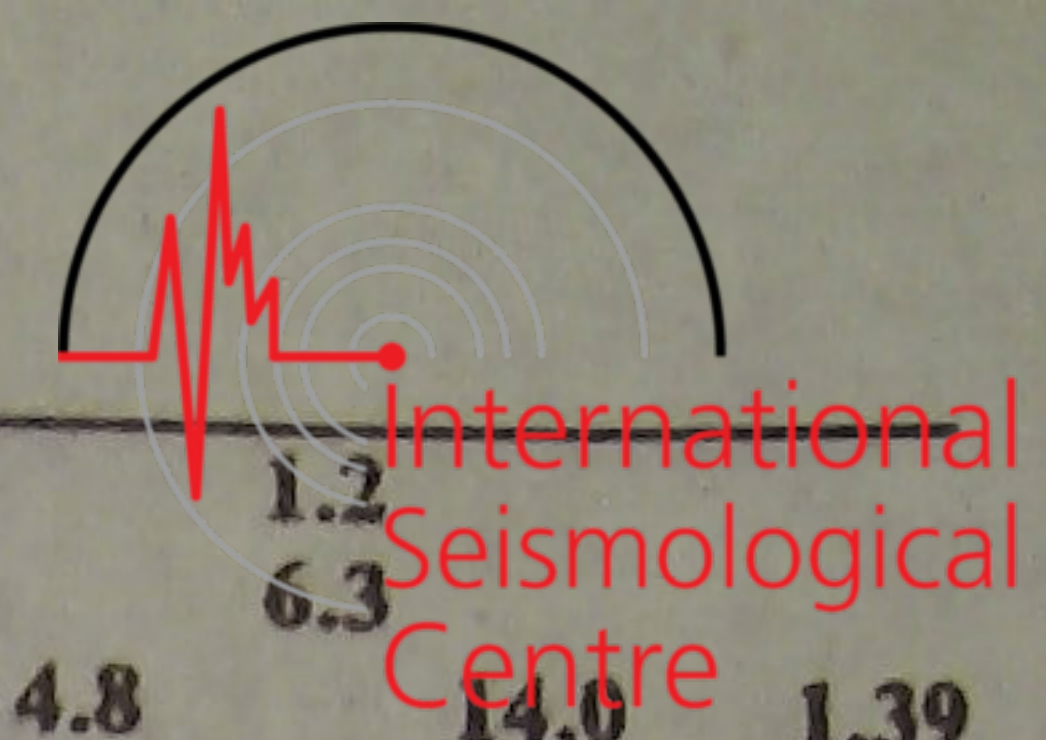
JUL 3d 16h 06m 39.9 ± 0.12s, SD2.54 / 47							
23.93 N ± 2.14km, 122.87 E ± 1.65km, h13 ± 1.58km							
Taiwan region (243)							
M _S 4.1 / 10, M _L 4.0 / 10,							
QZH	4.0 285	ePn	16 07 40.0	-1.7			
		Sn	16 08 25.0	-5.7			
		SMN	M _L = 4.0	1.0	0.34		
		SME		1.0	0.34		
		LN	M _S = 3.5	9.0	0.86		
SSE	7.3 349	eP	16 08 27.5	-1.5			
		SMN	M _L = 4.0	1.2	0.036		
		SME		1.1	0.082		
		LN	M _S = 3.8	10.0	0.81		
		LZ	M _S = 3.9	12.0	0.82		
NJ2	8.8 337	eP	16 08 46.5	-4.0			
		eS	16 10 29.0	-1.8			
		LZ	M _S = 3.5	16.0	0.41		
QZN	13.1 251	eP	16 09 52.0	3.7			
		eS	16 12 18.0	3.4			
XAN	15.8 313	P	16 10 25.0	0.8			
TIY	16.4 329	eP	16 10 35.0	3.4			
		sS	16 13 45.0	3.9			
		LN	M _S = 4.5	12.0	0.58		
		LE		14.0	1.17		
		LZ	M _S = 4.2	16.0	1.07		
BJI	17.0 342	eP	16 10 40.5	0.9			
SNY	17.9 2	eP	16 10 53.2	3.1			
CD2	18.3 296	eP	16 10 53.0	-2.9			
KMI	18.4 278	eP	16 11 00.0	3.5			
HHC	19.4 333	eP	16 11 09.3	1.0			
BTO	19.8 330	eP	16 11 10.2	-3.3			
CN2	19.9 5	eP	16 11 16.0	1.3			
LZH	20.4 311	eP	16 11 20.0	0.1			
GTA	24.9 314	eP	16 12 02.2	-1.9			

JUL 3d 17h 09m 58.0 ± 0.09s, SD0.89 / 90							
51.72 N ± 1.87km, 175.23 W ± 1.35km, h62 ± 0.14km							
Andreanof Islands (7)							
M _S 5.8 / 53, m _B 6.0 / 42, m _b 5.7 / 12,							
MDJ	36.7 281	eP	17 17 00.0	-1.3			
		pP	17 17 16.0	0.1			
		PP	17 18 28.0	1.5			
		S	17 22 38.0	-0.6			
		LE	M _S = 6.1	20.0	19.6		
		LZ	M _S = 5.9	20.0	22.1		
CN2	39.7 283	+iP	17 17 25.5	-0.5			
		PMZ	m _B = 6.1	5.0	1.50		
		pP	17 17 41.5	0.8			
		iPP	17 19 00.0	-1.4			
		eS	17 23 26.0	1.7			
		eSS	17 26 15.0	0.6			
		LN	M _S = 5.9	17.0	9.00		
		LE		17.0	3.70		
		LZ	M _S = 6.1	20.0	27.2		
SNY	41.9 281	+iP	17 17 45.0	0.6			
		PMZ	m _B = 6.0	12.0	2.53		
		pP	17 17 58.2	-1.0			
		PP	17 19 25.5	0.7			
		PcS	17 23 32.0	3.0			
		S	17 24 00.0	3.3			
		LN	M _S = 5.8	21.0	7.66		
		LE		21.0	4.40		
		LZ	M _S = 5.8	22.0	14.3		
DL2	44.8 279	+P	17 18 08.0	-0.3			
		pP	17 18 25.0	1.8			
		PMZ	m _b = 6.0	1.4	0.29		
		eS	17 24 40.0	-0.4			

BJI	47.5	284	LN	$M_s = 5.8$	20.0	6.16	XAN	55.8	283	pP	17 19 41.5	1.5	International Seismological Centre			
			LE		18.0	3.18				S	17 27 02.0	3.8				
			LZ	$M_s = 5.2$	42.0	6.56				SMN	$m_B = 6.1$	8.0		2.11		
			+P	17 18 29.0	0.0	LN				$M_s = 5.9$	16.0	1.49				
			PMZ	$m_B = 6.1$	6.0	1.57				LE		19.0		5.61		
			epP	17 18 44.0	0.1	LZ				$M_s = 5.4$	28.0	4.50				
			ePP	17 20 20.0	0.5	+iP				17 19 31.0	-0.5					
			eS	17 25 18.0	0.2	pP				17 19 48.0	1.3					
			ScS	17 28 17.0	4.1	PP				17 21 38.0	1.3					
			LN	$M_s = 6.1$	19.0	11.3				S	17 27 16.0	5.4				
TIA	49.3	279	LE		19.0	5.69	QZH	56.2	268	LN	$M_s = 6.1$	20.0	7.52			
			LZ	$M_s = 5.9$	24.0	17.9				LE		18.0	4.35			
			+P	17 18 43.5	0.1	+P				17 19 34.0	-0.4					
			PMZ		18.0	1.48				PMZ	$m_B = 6.3$	5.0	1.75			
			S	17 25 44.0	1.3	pP				17 19 50.0	0.3					
			LN	$M_s = 5.7$	19.0	3.20				S	17 27 16.0	-0.1				
			LE		20.0	4.10				SMN	$m_B = 6.0$	7.0	1.50			
			LZ	$M_s = 5.5$	22.0	6.12				LN	$M_s = 5.6$	20.0	2.80			
			+iP	17 18 47.0	0.4	LZ				$M_s = 5.2$	22.0	2.07				
			PMZ	$m_B = 6.1$	6.0	1.30				LZH	57.4	288	eP	17 19 43.5	0.1	
HHC	49.7	288	pP	17 19 04.5	3.1		PMZ	$m_B = 6.1$	6.0	1.40						
			sP	17 19 09.5	1.5		pP	17 20 00.0	1.6							
			PcP	17 20 02.0	-4.0		PcP	17 20 36.0	0.9							
			PP	17 20 48.0	6.7		eS	17 27 40.0	6.2							
			S	17 25 55.0	6.7		SMN	$m_B = 5.5$	9.0	0.68						
			SMN	$m_B = 5.9$	8.0	0.98	ScS	17 29 22.0	0.2							
			SME		7.0	0.60	LN	$M_s = 6.2$	20.0	9.80						
			LN	$M_s = 6.0$	18.0	7.60	LE		22.0	8.10						
			LE		18.0	4.70	LZ	$M_s = 6.1$	22.0	18.2						
			LZ	$M_s = 5.6$	23.0	8.00	GTA	57.5	294	+P	17 19 42.6	-1.3				
SSE	50.2	272	+iP	17 18 50.0	-0.3		PMZ	$m_B = 5.9$	6.5	0.91						
			PMZ	$m_B = 6.2$	1.2	0.34	S	17 27 35.0	1.7							
			PMZ	$m_B = 5.9$	12.0	1.81	LN	$M_s = 6.0$	16.0	6.24						
			pP	17 19 08.0	2.7		LZ	$M_s = 5.9$	18.0	9.42						
			sP	17 19 14.0	2.2		GZH	60.8	271	eP	17 20 06.0	-0.6				
			PP	17 20 46.0	0.0		pP	17 20 19.0	-2.9							
			S	17 26 00.0	4.8		S	17 28 20.0	3.8							
			SMN	$m_B = 5.8$	10.0	1.28	LN	$M_s = 5.7$	19.0	2.90						
			sS	17 26 20.0	-2.4		LE		18.0	1.70						
			LN	$M_s = 5.5$	17.0	2.23	LZ	$M_s = 5.3$	22.0	2.30						
BTO	50.8	289	LE		17.0	1.74	WMQ	61.0	305	P	17 20 07.5	-0.6				
			LZ	$M_s = 5.3$	20.0	2.79				PMZ	$m_B = 5.8$	8.0	0.91			
			+iP	17 18 56.0	1.2					pP	17 20 24.0	0.7				
			PMZ	$m_B = 6.1$	6.0	1.60				PP	17 22 24.3	0.6				
			pP	17 19 12.0	2.4					S	17 28 21.0	2.2				
			PP	17 20 54.0	3.0					SS	17 32 21.6	1.3				
			S	17 26 07.0	3.9					LN	$M_s = 6.1$	18.0	7.85			
			sS	17 26 33.0	2.7					LZ	$M_s = 6.0$	24.0	14.7			
			LN	$M_s = 6.2$	19.0	12.5				CD2	61.1	284	+iP	17 20 08.6	0.1	
			LE		19.0	7.70				pP	17 20 24.5	0.8				
NJ2	51.0	274	+P	17 18 55.3	-1.1		S	17 28 21.5	1.9							
			PMZ	$m_B = 6.2$	6.0	1.82	LE	$M_s = 5.9$	18.0	5.40						
			pP	17 19 12.0	0.7		LZ	$M_s = 5.6$	22.0	4.81						
			PP	17 20 48.0	-5.0		GYA	62.5	278	+P	17 20 19.0	0.9				
			S	17 26 09.0	2.8		PMZ	$m_B = 5.6$	1.2	0.090						
			LN	$M_s = 5.7$	18.0	2.79	PMZ	$m_B = 6.4$	4.0	2.00						
			LE		20.0	2.86	pP	17 20 35.0	1.6							
			LZ	$M_s = 5.6$	25.0	6.99	S	17 28 41.0	3.5							
			-iP	17 18 58.0	0.2		SMN	$m_B = 5.8$	9.0	1.10						
			pP	17 19 15.5	2.8		SME		9.0	0.80						
TIY	51.2	284	PP	17 20 59.0	4.3		LN	$M_s = 6.1$	19.0	3.80						
			sS	17 26 41.0	5.1		LE		19.0	6.20						
			LN	$M_s = 6.0$	19.0	5.76	KMI	65.9	280	+iP	17 20 41.0	0.8				
			LE		18.0	7.40	pP	17 20 57.0	1.5							
			LZ	$M_s = 5.2$	22.0	2.82	PcP	17 21 11.0	1.8							
			+iP	17 19 24.7	-0.1		PP	17 23 10.0	3.5							
			PMZ	$m_B = 5.9$	1.2	0.16	S	17 29 22.0	2.8							
			PMZ	$m_B = 6.4$	6.0	2.78	LN	$M_s = 5.9$	18.0	3.40						



<p>QZN 66.0 271</p> <p>LE 18.0 2.90</p> <p>LZ $M_s=6.0$ 28.0 13.3</p> <p>eP 17 20 41.5 0.7</p> <p>PMZ $m_b=6.1$ 7.0 1.70</p> <p>pP 17 20 57.0 0.7</p> <p>PP 17 23 06.5 -1.1</p> <p>eS 17 29 22.0 0.0</p> <p>SMN $m_b=5.8$ 8.0 0.90</p> <p>sS 17 29 48.5 -0.3</p> <p>SS 17 33 40.0 1.8</p> <p>LE $M_s=5.7$ 20.0 3.10</p> <p>+P 17 21 04.0 1.4</p> <p>sP 17 21 23.0 -1.2</p> <p>S 17 30 07.0 5.4</p> <p>ScS 17 30 57.4 4.7</p> <p>LE $M_s=5.6$ 15.0 1.70</p> <p>+iP 17 21 07.0 0.6</p> <p>pP 17 21 23.5 1.8</p> <p>sP 17 21 30.0 1.7</p> <p>PP 17 23 44.0 1.7</p> <p>eS 17 30 13.0 1.8</p> <p>SKS 17 30 59.0 2.9</p> <p>LN $M_s=6.4$ 18.0 8.60</p> <p>LE 22.0 11.1</p>					<p>24.02 N ± 1.15km, 122.59 E ± 0.97km, h31 ± 1.45km</p> <p>Taiwan region (243)</p> <p>$M_s 4.3 / 19, M_L 4.3 / 12, m_b 4.8 / 5,$</p> <p>QZH 3.8 285</p> <p>iP 10 15 01.8 -1.0</p> <p>IS 10 15 42.4 -4.1</p> <p>SMN $M_L=4.2$ 0.3 0.53</p> <p>SME 0.3 0.66</p> <p>LN $M_s=4.2$ 4.0 2.43</p> <p>LZ $M_s=3.9$ 14.0 2.37</p> <p>SSE 7.2 350</p> <p>-iP 10 15 50.7 -0.2</p> <p>pP 10 15 56.0 -1.4</p> <p>eS 10 17 12.5 0.6</p> <p>SMN $M_L=4.2$ 1.0 0.069</p> <p>SME 1.0 0.13</p> <p>LN $M_s=3.8$ 12.0 1.01</p> <p>LZ $M_s=4.0$ 14.0 1.33</p> <p>NJ2 8.7 338</p> <p>+P 10 16 10.0 -1.7</p> <p>sP 10 16 22.0 -1.2</p> <p>S 10 17 46.0 -3.1</p> <p>LN $M_s=4.2$ 13.0 1.46</p> <p>LE 13.0 1.11</p> <p>LZ $M_s=4.1$ 15.0 1.77</p> <p>WHN 9.8 313</p> <p>eP 10 16 27.5 0.1</p> <p>sP 10 16 42.5 3.7</p> <p>eS 10 18 15.0 -2.5</p> <p>SMN 1.0 0.15</p> <p>SME 1.0 0.090</p> <p>LN $M_s=4.2$ 12.0 1.05</p> <p>LE 12.0 0.90</p> <p>LZ $M_s=3.9$ 16.0 1.07</p> <p>QZN 12.9 250</p> <p>eP 10 17 10.6 1.5</p> <p>eS 10 19 32.5 0.4</p> <p>LN $M_s=3.9$ 15.0 0.60</p> <p>GYA 14.6 283</p> <p>P 10 17 32.6 0.3</p> <p>pP 10 17 40.2 1.0</p> <p>PP 10 17 44.0 0.1</p> <p>SMN 1.6 0.20</p> <p>SME 1.6 0.11</p> <p>LN $M_s=4.3$ 10.0 0.30</p> <p>LE 10.0 0.60</p> <p>DL2 14.9 357</p> <p>-P 10 17 40.0 4.5</p> <p>TIY 16.2 330</p> <p>eP 10 17 55.2 2.7</p> <p>S 10 20 47.5 -2.6</p> <p>LN $M_s=4.5$ 13.0 1.33</p> <p>LZ $M_s=4.4$ 16.0 1.79</p> <p>BJI 16.9 343</p> <p>eP 10 18 03.0 1.9</p> <p>LN $M_s=4.1$ 12.0 0.40</p> <p>LZ $M_s=4.0$ 14.0 0.59</p> <p>SNY 17.8 2</p> <p>+iP 10 18 14.6 2.0</p> <p>eS 10 21 34.0 6.6</p> <p>LZ $M_s=4.1$ 16.0 0.76</p> <p>CD2 18.1 296</p> <p>P 10 18 16.1 0.1</p> <p>HHC 19.2 334</p> <p>P 10 18 30.6 1.1</p> <p>BTO 19.6 330</p> <p>eP 10 18 35.0 0.4</p> <p>pP 10 18 46.5 4.3</p> <p>eS 10 22 08.0 -1.1</p> <p>LN $M_s=4.7$ 14.0 1.20</p> <p>LE 14.0 0.90</p> <p>CN2 19.9 6</p> <p>eP 10 18 36.6 -0.7</p> <p>pP 10 18 46.0 0.7</p> <p>eS 10 22 12.0 -2.5</p> <p>LN $M_s=4.4$ 13.0 0.60</p> <p>LE 13.0 0.30</p> <p>LZ $M_s=4.5$ 13.0 1.20</p> <p>LZH 20.2 311</p> <p>eP 10 18 41.5 1.0</p> <p>PMZ $m_b=4.8$ 1.5 0.066</p> <p>sP 10 18 54.0 1.3</p> <p>LZ $M_s=4.2$ 16.0 0.80</p>				
<p>JUL 3d 19h 04m 37.3 ± 0.08s, SD1.48 / 22</p> <p>2.94 S ± 1.15km, 129.66 E ± 2.50km, h34 ± 0.21km</p> <p>Seram (272)</p> <p>WHN 36.4 337 eP 19 11 42.0 1.5</p> <p>GYA 36.7 324 eP 19 11 45.6 2.0</p> <p>XAN 41.7 334 P 19 12 24.1 -0.5</p> <p>TIY 43.5 340 eP 19 12 41.6 2.0</p> <p>BJI 44.5 345 eP 19 12 48.0 0.1</p> <p>GTA 50.3 330 P 19 13 32.8 -0.4</p> <p>59.8 326 P 19 14 42.0 -0.4</p>					<p>JUL 4d 02h 28m 26.0 ± 0.20s, SD0.88 / 47</p> <p>52.66 N ± 3.22km, 174.00 E ± 2.29km, h35 ± 0.13km</p> <p>Near Islands (5)</p> <p>$m_b 5.3 / 5,$</p> <p>BJI 40.8 276 eP 02 36 07.0 0.9</p> <p>TIA 42.6 271 eP 02 36 21.3 0.0</p> <p>SSE 43.7 262 eP 02 36 28.0 -1.6</p> <p>BTO 44.1 281 P 02 36 35.0 1.3</p> <p>NJ2 44.4 265 +P 02 36 35.5 -0.1</p> <p>TIY 44.5 276 -iP 02 36 38.0 1.4</p> <p>eS 02 43 15.0 5.6</p> <p>LZ $M_s=4.4$ 22.0 0.52</p> <p>WHN 48.2 267 P 02 37 05.5 -0.1</p> <p>PMZ $m_b=5.3$ 1.0 0.040</p> <p>XAN 49.1 275 P 02 37 12.5 0.0</p> <p>LZH 50.8 280 P 02 37 26.5 1.0</p> <p>PMZ $m_b=5.3$ 1.8 0.074</p> <p>GTA 50.9 286 +iP 02 37 27.0 0.1</p> <p>PMZ $m_b=5.1$ 1.0 0.025</p> <p>CD2 54.4 276 eP 02 37 51.8 -0.6</p> <p>WMQ 54.9 298 +iP 02 37 56.2 0.3</p> <p>eS 02 45 39.0 5.5</p> <p>GYA 55.8 270 +P 02 38 02.0 -0.9</p>				
<p>JUL 4d 06h 19m 25.6 ± 0.05s, SD1.36 / 12</p> <p>31.35 N ± 1.30km, 140.45 E ± 1.26km, h38 ± 0.69km</p> <p>South of Honshu (211)</p> <p>CN2 17.2 321 eP 06 23 23.0 -1.4</p> <p>BJI 21.5 300 eP 06 24 11.0 -2.3</p> <p>WHN 22.4 275 eP 06 24 22.2 0.0</p>					<p>JUL 4d 10h 14m 05.6 ± 0.07s, SD1.52 / 68</p>				



MDJ	21.3	14	eP	10 18	53.5	1.1		
GTA	24.6	314	P	10 19	24.8	-0.1		
			PMZ		$m_b=4.7$	0.8	0.026	
			LE		$M_s=4.6$	11.0	0.64	
			LZ		$M_s=4.3$	14.0	0.59	
WMQ	34.7	313	-iP	10 20	55.5	0.5		
			pP	10 21	05.5	1.7		
			eS	10 26	20.0	-2.4		
			LZ		$M_s=4.2$	20.0	0.42	

JUL 4d 13h 02m 52.1 ± 0.08s, SD0.73 / 36
 17.60 S ± 0.95km, 178.82 W ± 2.26km, h550 ± 0.38km
 Fiji region (181)

NJ2	77.4	310	eP	13 13	52.0	-0.6		
MDJ	77.7	325	eP	13 13	54.5	0.4		
CN2	79.5	323	+P	13 14	03.5	-0.3		
			epP	13 16	00.5	-0.3		
			eS	13 23	16.0	-5.4		
WHN	80.1	306	eP	13 14	07.7	1.0		
BJI	83.3	316	eP	13 14	23.0	0.1		
GYA	84.5	300	P	13 14	30.0	0.8		
TIY	84.8	312	eP	13 14	31.0	0.7		
XAN	85.8	308	P	13 14	35.7	0.6		
GTA	94.5	310	eP	13 15	15.2	-0.6		

JUL 4d 13h 18m 44.0 ± 0.14s, SD2.37 / 47
 34.84 N ± 2.39km, 139.62 E ± 2.70km, h39 ± 1.01km
 Near south coast of Honshu (230)
 $M_s=4.7/20$, $m_b=4.4/1$,

MDJ	12.4	325	eP	13 21	43.5	2.1		
CN2	14.1	313	eP	13 22	05.4	1.5		
SNY	14.4	304	eP	13 22	09.0	1.9		
			eS	13 24	52.0	6.1		
			LZ		$M_s=4.2$	17.0	1.35	
DL2	15.0	291	eP	13 22	19.0	4.3		
			LN		$M_s=4.5$	13.0	1.17	
			LE			10.0	0.84	
			LZ		$M_s=4.1$	12.0	0.63	
SSE	15.9	262	eP	13 22	32.0	5.0		
			sS	13 25	40.0	5.0		
			LN		$M_s=4.7$	15.0	2.30	
			LZ		$M_s=4.1$	16.0	0.89	
TIA	18.4	281	eP	13 22	57.4	-0.2		
			S	13 26	20.0	2.9		
			sS	13 26	30.5	-0.9		
			LN		$M_s=4.6$	11.0	0.76	
			LE			12.0	0.80	
BJI	19.3	292	eP	13 23	05.0	-3.7		
			eS	13 26	44.0	5.1		
			LN		$M_s=4.4$	10.0	0.57	
			LE			10.0	0.31	
			LZ		$M_s=4.0$	18.0	0.59	
WHN	21.7	266	eP	13 23	33.0	-0.5		
			pP	13 23	43.0	-0.3		
			sP	13 23	50.0	2.0		
			eS	13 27	28.0	1.9		
			LN		$M_s=4.7$	14.0	1.41	
			LZ		$M_s=4.2$	14.0	0.59	
TIY	22.1	285	eP	13 23	39.0	1.4		
			LN		$M_s=4.7$	13.0	0.83	
			LE			13.0	0.74	
			LZ		$M_s=4.6$	14.0	1.43	
HHC	22.9	294	eP	13 23	41.8	-4.0		
BTO	24.0	293	eP	13 23	53.0	-3.9		
			pP	13 24	04.0	-2.8		
			eS	13 28	03.5	-5.2		
			LN		$M_s=4.8$	16.0	1.20	
			LE			16.0	0.90	

XAN	25.3	277	P	13 24	10.0	1.2		
			S	13 28	35.0	6.3		
			LN		$M_s=4.8$	14.0	1.39	
LZH	29.1	283	eP	13 24	40.0	-3.5		
			LZ		$M_s=4.3$	18.0	0.70	
CD2	30.3	273	eP	13 24	55.2	1.2		
QZN	30.7	247	eP	13 24	56.0	-1.9		
			eS	13 29	56.0	-0.8		
			LN		$M_s=4.6$	13.0	0.50	
GTA	31.9	290	eP	13 25	05.2	-3.2		
			LE		$M_s=4.7$	10.0	0.45	
			LZ		$M_s=4.5$	12.0	0.60	
WMQ	40.6	299	eP	13 26	18.7	-3.2		
			eS	13 32	26.0	-2.5		
			LZ		$M_s=4.2$	16.0	0.27	

JUL 4d 13h 58m 51.1 ± 0.05s, SD2.39 / 6
 47.43 N ± 0.47km, 85.28 E ± 0.48km, h29 ± 0.55km
 Kazakhstan-Xinjiang border region (331)
 $M_L=3.6/5$,

WMQ	4.0	154	Pg	14 00	03.0	1.1		
			Sg	14 00	58.5	2.1		
			SMN		$M_L=3.6$	0.8	0.13	
			SME			0.8	0.13	

JUL 4d 16h 57m 45.9 ± 0.08s, SD1.40 / 11
 30.13 S ± 1.72km, 176.95 W ± 2.93km, h38 ± 0.62km
 Kermadec Islands (178)

MDJ	88.9	325	eP	17 10	39.5	0.8		
CN2	90.5	322	eP	17 10	46.0	0.0		

JUL 4d 17h 28m 22.4 ± 0.09s, SD1.62 / 55
 35.00 N ± 1.63km, 139.32 E ± 1.84km, h36 ± 0.68km
 Near south coast of Honshu (230)
 $M_s=4.5/20$,

MDJ	12.2	325	eP	17 31	18.0	1.7		
CN2	13.9	314	eP	17 31	39.0	0.3		
			epP	17 31	45.7	-0.5		
			eS	17 34	16.0	3.8		
			LN		$M_s=4.1$	13.0	0.60	
			LE			13.0	0.30	
			LZ		$M_s=3.9$	16.0	0.70	
SNY	14.1	304	eP	17 31	44.8	3.0		
			sS	17 34	33.0	3.2		
			LZ		$M_s=4.1$	17.0	1.12	
SSE	15.7	261	eP	17 32	01.5	-1.1		
			sS	17 35	13.0	5.2		
			LN		$M_s=4.5$	14.0	1.35	
			LZ		$M_s=4.2$	12.0	0.82	
NJ2	17.3	266	eP	17 32	22.0	-1.1		
			eS	17 35	30.0	-2.9		
			LN		$M_s=4.2$	11.0	0.46	
			LE			11.0	0.22	
TIA	18.1	280	eP	17 32	34.7	1.9		
			S	17 35	54.0	4.2		
			LN		$M_s=4.4$	13.0	0.60	
			LE			13.0	0.69	
BJI	19.0	292	eP	17 32	44.0	-0.2		
			eS	17 36	14.0	2.7		
			LN		$M_s=4.2$	12.0	0.34	
			LE			12.0	0.37	
			LZ		$M_s=3.6$	32.0	0.39	
WHN	21.4	265	eP	17 33	10.0	0.2		
			pP	17 33	17.5	-1.6		
			LN		$M_s=4.4$	12.0	0.63	
TIY	21.8	285	eP	17 33	12.4	-1.0		
			S	17 37	10.5	3.9		
			sS	17 37	18.0	-4.4		

		LN	$M_s=4.5$	14.0	0.78	BJI	35.0	347	eP	19 49 27.0	-1.0		
		LZ	$M_s=4.3$	16.0	0.95				eScP	19 55 37.0	-1.7		
HHC	22.6	293	eP	17 33 20.0	-1.5	SNY	35.8	357	+P	19 49 34.4	-0.1		
BTO	23.8	292	eP	17 33 32.0	-0.8				PcP	19 52 00.0	-0.9		
		pP		17 33 42.0	-0.1				eS	19 55 06.0	-1.3		
		eS		17 37 44.0	1.3				LE	$M_g=4.5$	23.0	0.68	
		LN	$M_s=4.6$	14.0	0.80				LZ	$M_g=4.1$	28.0	0.41	
		LE		14.0	0.60	LZH	36.1	329	eP	19 49 38.0	0.6		
XAN	25.0	277	P	17 33 43.7	-1.3				PMZ	$m_b=5.1$	1.5	0.053	
LZH	28.8	283	P	17 34 19.0	-0.6				sP	19 49 56.5	1.9		
		LZ	$M_s=4.2$	16.0	0.50				PP	19 51 04.5	5.0		
GYA	29.2	262	P	17 34 24.0	0.5				LZ	$M_g=4.3$	20.0	0.50	
		LN	$M_s=4.7$	14.0	0.70	HHC	37.0	342	P	19 49 45.0	0.1		
		LE		14.0	0.50	BTO	37.3	340	eP	19 49 47.0	-0.2		
CD2	30.0	272	eP	17 34 30.5	0.1				pP	19 49 59.0	-0.2		
GTA	31.6	290	eP	17 34 42.8	-1.7				PP	19 51 16.0	1.6		
		LN	$M_s=4.5$	10.0	0.30				eS	19 55 30.0	-0.5		
		LZ	$M_s=4.5$	12.0	0.60	CN2	37.7	360	eP	19 49 50.0	-0.7		
									sP	19 50 09.0	0.9		
									PcP	19 52 05.2	-1.6		
									eS	19 55 37.0	0.2		
									ScP	19 55 46.0	-2.5		
						MDJ	38.7	4	eP	19 49 59.5	0.8		
						LSA	40.2	310	-P	19 50 14.4	2.0		
						GTA	40.7	329	+P	19 50 15.4	-0.3		
									PMZ	$m_b=4.7$	1.0	0.013	
									LZ	$M_s=4.6$	18.0	0.71	
						WMQ	50.3	325	-P	19 51 31.5	-0.9		
									eS	19 58 39.7	-0.7		
									LZ	$M_s=4.3$	28.0	0.41	
						KSH	55.8	314	eP	19 52 10.6	-2.5		
									eS	19 59 51.0	-4.1		
<p>JUL 4d 19h 42m $37.7 \pm 0.14s$, SD1.30 / 80 $5.95 N \pm 2.11km$, $125.73 E \pm 1.88km$, $h49 \pm 0.05km$ Mindanao (259) $M_s4.5/11$, $m_b5.0/2$, $m_b5.0/8$,</p>													
QZH	20.1	341	P	19 47 10.0	-0.1								
			sP	19 47 26.0	-0.8								
			S	19 50 52.0	4.6								
			SME	$m_b=5.0$	10.0	0.48							
			LN	$M_s=4.5$	24.0	1.62							
			LZ	$M_s=4.3$	24.0	1.35							
QZN	20.2	311	+P	19 47 12.5	1.0								
			eS	19 50 53.0	2.4								
			sS	19 51 06.0	-0.9								
			LN	$M_s=4.5$	11.0	0.70							
GZH	20.8	326	+iP	19 47 17.6	0.0								
			S	19 51 07.0	6.0								
SSE	25.4	351	eP	19 48 02.0	-0.3								
			PMZ	$m_b=4.7$	1.5	0.033							
			pP	19 48 15.7	1.7								
			sP	19 48 22.0	2.6								
			eS	19 52 23.0	0.3								
			LE	$M_s=4.2$	10.0	0.22							
			LZ	$M_s=4.0$	20.0	0.47							
WHN	26.7	338	eP	19 48 15.2	0.5								
			sP	19 48 31.0	-0.8								
			eS	19 52 44.0	-0.5								
			LN	$M_s=4.3$	12.0	0.31							
NJ2	26.8	347	-P	19 48 19.0	3.9								
			sS	19 53 04.0	-1.7								
			LZ	$M_s=3.9$	20.0	0.31							
GYA	27.3	320	+P	19 48 22.0	1.4								
			pP	19 48 31.8	-0.4								
			S	19 52 55.8	1.9								
			sS	19 53 12.0	-3.1								
			LN	$M_s=4.5$	16.0	0.50							
			LE		16.0	0.50							
KMI	29.1	313	+iP	19 48 38.5	1.6								
			pP	19 48 52.0	3.5								
			eS	19 53 22.0	-2.0								
			LZ	$M_s=4.3$	28.0	0.90							
TIA	31.1	346	eP	19 48 53.3	-1.1								
			ScP	19 55 24.0	-1.3								
XAN	32.0	333	P	19 49 01.0	-1.1								
CD2	32.3	323	eP	19 49 04.0	-0.5								
DL2	33.0	354	eP	19 49 11.4	0.6								
TIY	33.9	341	eP	19 49 15.0	-3.2								
			pP	19 49 27.0	-3.2								
			LN	$M_s=4.4$	14.0	0.29							
			LZ	$M_s=4.5$	30.0	1.26							
<p>JUL 5d 13h 28m $40.7 \pm 0.12s$, SD1.66 / 55 $23.98 N \pm 1.79km$, $122.62 E \pm 1.49km$, $h27 \pm 0.68km$ Taiwan region (243) $M_s4.2/17$, $M_L3.9/11$, $m_b4.7/4$,</p>													
QZH	3.8	285	Pn	13 29 38.0	0.2								
			Sn	13 30 19.0	-4.3								
			SMN	$M_L=3.8$	0.4	0.21							
			SME		0.5	0.23							
			LE	$M_s=3.4$	10.0	0.96							
SSE	7.2	350	+P	13 30 26.7	-0.3								
			PMZ	$m_b=5.1$	0.5	0.057							
			SMN	$M_L=3.8$	1.0	0.034							
			SME		1.0	0.047							
			LN	$M_s=3.9$	16.0	1.41							
			LZ	$M_s=3.7$	20.0	0.93							
NJ2	8.7	338	eP	13 30 46.0	-1.9								
			S	13 32 23.0	-2.9								
			LN	$M_s=4.1$	12.0	1.03							
			LE		12.0	0.82							
WHN	9.8	313	eP	13 31 02.0	-1.6								
			pP	13 31 10.5	0.3								
			SMN		1.2	0.13							
			LN	$M_s=4.0$	12.0	0.63							
			LE		12.0	0.59							
			LZ	$M_s=3.8$	16.0	0.83							
QZN	12.9	250	eP	13 31 47.0	2.2								
GYA	14.7	283	P	13 32 09.4	1.0								
			pP	13 32 15.6	0.8								
			S	13 34 45.0	-5.2								
			SMN		1.6	0.10							
			SME		1.6	0.090							
			LN	$M_s=4.3$	8.0	0.30							
			LE		8.0	0.50							
XAN	15.6	313	P	13 32 16.1	-4.6								
TIY	16.2	330	+P	13 32 33.4	4.7								



			LN	$M_s=4.4$	14.0	1.17			LZ	$M_s=4.3$	14.0	0.90
			LZ	$M_s=4.5$	14.0	1.67			HHC	39.1 342	eP	16 23 51.2 -0.2
BJI	16.9 343	eP	13 32 39.0	1.8					BTO	39.4 340	eP	16 23 54.2 0.5
			LZ	$M_s=4.3$	12.0	0.90			CN2	39.7 359	+P	16 23 55.2 -0.5
CD2	18.1 297	eP	13 32 52.2	0.1							sP	16 24 15.0 -1.8
HHC	19.2 334	eP	13 33 06.2	0.6							eS	16 29 52.0 -2.1
BTO	19.7 330	eP	13 33 10.0	-0.7							LZ	$M_s=4.8$ 14.0 0.90
			pP						MDJ	40.5 3	eP	16 24 03.5 0.5
			eS						LSA	42.2 311	eP	16 24 18.0 0.9
			LN	$M_s=4.6$	13.0	1.10			GTA	42.8 329	eP	16 24 21.2 -0.7
			LE		13.0	0.60			WMQ	52.4 325	P	16 25 36.5 -0.5
CN2	19.9 6	eP	13 33 12.4	-0.9							eS	16 32 56.5 -0.4
			esP								ScS	16 35 18.9 2.5
			eS								LZ	$M_s=4.0$ 30.0 0.22
			LN	$M_s=4.3$	14.0	0.60			JUL 5d 20h 30m $05.9 \pm 0.09s$, SD2.41 / 17			
			LZ	$M_s=4.3$	15.0	0.90			34.90 N \pm 2.18km, 139.30 E \pm 5.04km, $h6 \pm 3.93$ km			
LZH	20.2 311	eP	13 33 17.0	0.4					Near south coast of Honshu (230)			
			PMZ	$m_b=4.6$	1.5	0.044			$M_s 4.2 / 6$,			
			LZ	$M_s=4.1$	16.0	0.58			MDJ	12.2 325	eP	20 33 06.0 2.1
GTA	24.7 314	eP	13 34 01.2	0.2					SNY	14.1 304	eP	20 33 33.0 4.0
WMQ	34.7 313	P	13 35 31.6	0.5					BJI	19.0 292	eP	20 34 30.0 -1.4
JUL 5d 16h 16m $27.7 \pm 0.10s$, SD1.06 / 82												
3.99 N \pm 1.58km, 126.63 E \pm 1.90km, $h61 \pm 0.17$ km												
Talaud Islands (263)												
$M_s 4.3 / 2$, $m_b 5.1 / 3$, $m_b 5.1 / 9$,												
QZN	22.2 314	eP	16 21 20.0	-0.3							LZ	$M_s=3.9$ 14.0 0.35
			eS								pP	20 34 58.0 1.0
QZH	22.2 340	eP	16 21 20.0	-0.6							eS	20 35 02.0 0.3
			S								LN	$M_s=4.2$ 13.0 0.42
			LZ	$M_s=4.1$	30.0	1.09			TIY	21.8 285	eP	20 35 03.4 2.4
GZH	22.9 327	-iP	16 21 26.4	-1.1							eS	20 38 53.0 -4.7
			S								SS	20 39 30.0 -3.6
SSE	27.4 350	eP	16 22 10.0	-0.2							LN	$M_s=4.4$ 16.0 0.68
			PMZ	$m_b=5.0$	1.0	0.035					LZ	$M_s=4.3$ 12.0 0.72
			sP						JUL 5d 22h 55m $48.2 \pm 0.09s$, SD1.38 / 50			
			S						48.87 N \pm 3.00km, 154.74 E \pm 1.92km, $h59 \pm 1.41$ km			
			SMN	$m_b=4.7$	10.0	0.21			Kurile Islands (221)			
			LE	$M_s=4.2$	10.0	0.22			MDJ	17.7 266	eP	22 59 53.3 0.7
			LZ	$M_s=4.0$	24.0	0.50			CN2	20.8 267	+P	23 00 27.0 0.1
WHN	28.8 338	eP	16 22 22.5	-0.3							pP	23 00 40.0 0.3
			sP								eS	23 04 12.0 2.0
			eS								LZ	$M_s=3.8$ 20.0 0.40
NJ2	28.8 346	+P	16 22 23.8	0.9					SNY	22.9 264	+P	23 00 50.4 2.5
GYA	29.4 321	P	16 22 28.0	0.0					DL2	25.7 260	eP	23 01 15.0 0.4
			PcP						BJI	28.6 267	eP	23 01 41.0 -0.7
KMI	31.1 315	eP	16 22 44.5	1.1					TIA	30.2 259	eP	23 01 55.2 0.0
TIA	33.2 346	eP	16 23 01.4	-0.1					HHC	31.3 272	eP	23 02 04.6 -0.7
XAN	34.1 333	+P	16 23 08.0	-1.3					TIY	32.4 266	eP	23 02 14.0 -0.6
CD2	34.4 324	eP	16 23 10.6	-0.8							LZ	$M_s=4.4$ 22.0 0.77
DL2	35.0 353	eP	16 23 17.8	0.8					WHN	35.5 254	eP	23 02 43.0 1.0
TIY	36.0 341	eP	16 23 24.0	-1.1							pP	23 02 51.5 -4.6
			sP						XAN	36.8 264	P	23 02 53.3 0.5
			LE	$M_s=4.4$	13.0	0.25			LZH	38.9 270	P	23 03 13.0 2.4
			LZ	$M_s=4.5$	30.0	1.26			GTA	39.8 277	eP	23 03 17.2 -0.1
BJI	37.1 347	eP	16 23 34.5	0.0					CD2	42.2 264	eP	23 03 38.9 1.8
			esP						GYA	43.3 257	P	23 03 46.0 -0.1
			eS								pP	23 04 02.6 2.3
			esS								S	23 10 07.0 -0.1
SNY	37.8 356	+iP	16 23 40.4	0.4					WMQ	45.2 290	P	23 04 01.2 -0.5
			PMZ	$m_b=5.4$	1.0	0.067			QZN	46.7 247	eP	23 04 15.4 2.0
			sP						JUL 6d 15h 01m $40.6 \pm 0.13s$, SD2.05 / 67			
			S						34.90 N \pm 2.09km, 139.51 E \pm 2.85km, $h15 \pm 1.07$ km			
			SME	$m_b=5.1$	12.0	0.42			Near south coast of Honshu (230)			
			LZ	$M_s=4.0$	27.0	0.36			$M_s 5.0 / 35$, $m_b 5.5 / 2$, $m_b 5.2 / 2$,			
LZH	38.2 330	P	16 23 44.5	0.5					MDJ	12.3 325	eP	15 04 40.5 1.6
			PMZ	$m_b=5.1$	1.5	0.048					S	15 06 58.0 1.3
			sP								LN	$M_s=4.7$ 13.0 3.39

CN2	14.0	313	LZ	$M_s=4.5$	16.0	2.62	LN	$M_s=5.1$	15.0	1.80		
			-P	15 05 03.5	2.1		LE		15.0	1.10		
			sP	15 05 13.5	3.3							
SNY	14.3	304	eS	15 07 37.0	-1.0		CD2	30.2	273	eP	15 07 51.0	-1.9
			LN	$M_s=4.6$	13.0	1.90	QZN	30.7	247	eP	15 07 57.5	0.4
			LZ	$M_s=4.4$	18.0	2.20	eS	15 12 54.0	-3.9			
			+P	15 05 08.0	3.4		LE	$M_s=4.8$	15.0	1.00		
			PP	15 05 21.0	5.4		GTA	31.8	290	eP	15 08 05.4	-1.7
SSE	15.8	261	eS	15 07 42.0	-1.7		S	15 13 14.0	-0.7			
			sS	15 07 55.5	3.5		LE	$M_s=5.0$	11.0	1.03		
			LZ	$M_s=4.7$	16.0	3.75	LZ	$M_s=4.8$	14.0	1.47		
			P	15 05 21.0	-3.9		KMI	33.1	263	eP	15 08 17.5	-1.6
			SS	15 08 32.0	-6.2		WMQ	40.5	299	eP	15 09 21.7	0.9
NJ2	17.5	266	LN	$M_s=5.0$	10.0	2.56	pP	15 09 33.5	6.5			
			LE		10.0	1.34	eS	15 15 32.0	2.9			
			LZ	$M_s=4.0$	20.0	0.93	LE	$M_s=4.9$	10.0	0.52		
			-P	15 05 47.4	1.9		LZ	$M_s=4.4$	20.0	0.56		
			sS	15 09 05.0	-1.6		JUL 6d 17h 25m $29.0 \pm 0.18s$, $SD1.56 / 61$ $16.64 S \pm 3.21km$, $177.31 W \pm 2.51km$, $h22 \pm 0.48km$ Fiji region (181) $M_s5.5 / 26$, $m_b5.7 / 9$, $m_b5.5 / 1$,					
TIA	18.3	281	LN	$M_s=4.8$	11.0	1.85	QZH	74.9	302	eP	17 37 10.0	-0.7
			LE		13.0	0.85	S	17 46 42.0	-2.3			
			LZ	$M_s=4.2$	20.0	1.22	sS	17 46 56.0	-2.2			
			eP	15 05 55.1	-0.4		LE	$M_s=5.3$	16.0	0.85		
			eS	15 09 10.5	-5.7		LZ	$M_s=5.1$	31.0	1.60		
BJI	19.2	292	sS	15 09 24.0	-0.7		SSE	75.7	309	P	17 37 20.0	4.4
			LN	$M_s=5.0$	11.5	2.00	S	17 46 56.0	2.1			
			LE		11.5	1.90	LN	$M_s=5.7$	16.0	0.94		
			LZ	$M_s=4.8$	12.0	2.50	LE		16.0	1.47		
			eP	15 06 05.0	-1.8		LZ	$M_s=5.1$	20.0	0.93		
QZH	20.6	247	esP	15 06 15.0	-0.7		MDJ	77.8	324	eP	17 37 26.0	-1.0
			eS	15 09 32.0	-5.3		sP	17 37 42.0	4.3			
			esS	15 09 42.0	-3.9		S	17 47 20.0	4.2			
			LN	$M_s=4.8$	11.0	1.64	LN	$M_s=5.4$	16.0	1.00		
			LZ	$M_s=4.4$	18.0	1.48	LZ	$M_s=5.5$	20.0	2.21		
WHN	21.6	265	eP	15 06 23.0	0.6		NJ2	77.9	309	-P	17 37 29.0	1.0
			eS	15 10 05.0	-2.7		S	17 47 14.0	-3.9			
			sS	15 10 16.0	-1.0		LZ	$M_s=5.2$	22.0	1.26		
			LN	$M_s=4.6$	15.0	1.32	GZH	78.4	298	eP	17 37 32.5	1.8
			LZ	$M_s=4.6$	15.0	1.78	eS	17 47 20.0	-4.6			
TIY	22.0	285	DL2	79.4	316	eP	17 37 41.0	5.1				
			eP	15 06 33.0	0.9		eS	17 47 40.0	5.2			
			sP	15 06 45.5	4.1		LN	$M_s=5.5$	14.0	0.91		
			eS	15 10 24.0	-2.0		LZ	$M_s=5.1$	21.0	0.92		
			sS	15 10 32.0	-3.7		CN2	79.7	322	eP	17 37 37.0	-0.4
HHC	22.8	293	PMZ				PMZ	$m_b=5.7$	5.0	0.50		
			LN	$M_s=5.1$	11.0	2.07	pP	17 37 47.0	2.1			
			LE		13.0	1.90	eS	17 47 34.0	-3.6			
			LZ	$M_s=4.3$	20.0	1.23	SMN	$m_b=5.7$	8.0	0.50		
			eP	15 06 35.0	-1.1		LN	$M_s=5.3$	13.0	0.60		
BTO	23.9	293	sS	15 10 41.5	-1.6		LZ	$M_s=5.5$	18.0	2.00		
			LE	$M_s=4.9$	13.0	1.82	SNY	79.7	319	+P	17 37 37.4	-0.2
			LZ	$M_s=4.8$	14.0	2.26	S	17 47 33.0	-3.3			
			eP	15 06 47.0	2.7		LN	$M_s=5.6$	14.0	0.94		
			eS	15 10 48.5	0.1		LE		18.0	1.05		
XAN	25.2	277	sS	15 10 56.0	-2.1		LZ	$M_s=5.4$	20.0	1.69		
			LN	$M_s=5.1$	14.0	3.30	QZN	79.9	293	eP	17 37 40.0	1.3
			LZ	$M_s=4.8$	14.0	2.10	eS	17 47 39.0	-1.1			
			eP	15 06 55.5	0.0		SKS	17 47 52.0	3.6			
			sP	15 07 06.0	1.4		LE	$M_s=5.5$	17.0	1.10		
GYA	29.4	262	PP	15 07 27.5	-1.0		WHN	80.7	306	eP	17 37 44.0	1.0
			eS	15 11 03.0	-5.6		pP	17 37 52.0	1.6			
			LN	$M_s=5.1$	14.0	2.40	S	17 47 46.0	-0.9			
			LE		14.0	1.60	SMN	$m_b=6.2$	8.0	1.15		
			P	15 07 08.2	0.7		SME		8.0	0.78		



TIA	81.2	312	eP	17 37	44.7	-0.8				sS	20 30	46.0	0.6												
			eS	17 47	58.0	4.6				LN		M _s =4.4													
			LN		M _s =5.6		16.5	1.27		LZ		M _s =4.4													
			LZ		M _s =5.2		26.0	1.45	QZN	19.7	305	eP	20 27	21.0	0.9										
BJI	83.6	315	eP	17 37	59.0	0.9						eS	20 30	56.5	2.9										
			eS	17 48	15.0	-3.3						sS	20 31	10.5	-1.1										
			eSS	17 53	41.0	-5.1						SS	20 31	25.0	3.1										
			LN		M _s =5.4		15.0	0.85				LE		M _s =4.6	16.0	1.40									
			LZ		M _s =5.4		20.0	1.58	GZH	19.7	321	eP	20 27	19.7	-0.7										
TIY	85.2	311	eP	17 38	07.0	0.9						pP	20 27	34.0	1.6										
			pP	17 38	13.5	0.0						eS	20 31	00.0	5.9										
			S	17 48	34.5	2.3			SSE	23.5	348	P	20 27	58.5	0.1										
			sS	17 48	47.0	0.6						pP	20 28	12.0	0.2										
			LN		M _s =5.7		17.0	1.61				S	20 32	10.0	6.4										
			LZ		M _s =5.6		24.0	2.72				SMN		m _b =5.4	8.0	0.81									
GYA	85.3	299	P	17 38	08.6	1.9						sS	20 32	26.0	-1.2										
			S	17 48	40.0	6.6						LN		M _s =4.6	10.0	0.43									
			SME		m _b =5.9		8.0	0.90				LE			10.0	0.45									
			LN		M _s =5.6		20.0	0.90				LZ		M _s =4.3	20.0	0.93									
			LE				20.0	1.10	WHN	25.2	334	eP	20 28	16.0	1.2										
XAN	86.3	307	P	17 38	11.7	0.1						pP	20 28	30.5	2.3										
			S	17 48	43.5	0.4						eS	20 32	35.0	1.8										
HHC	87.1	314	P	17 38	17.6	2.0						LN		M _s =4.8	20.0	2.07									
			pP	17 38	24.0	1.0						LZ		M _s =4.4	20.0	1.23									
			S	17 48	50.0	-0.8						P	20 28	27.6	1.2										
			SMN		m _b =5.6		10.0	0.60	GYA	26.4	316	pP	20 28	44.8	5.1										
			sS	17 49	02.0	-3.1						S	20 32	56.6	4.1										
			LN		M _s =5.6		20.0	1.60				LN		M _s =4.8	15.0	1.30									
			LZ		M _s =5.5		24.0	2.10				LE			15.0	0.60									
BTO	88.1	313	eP	17 38	20.0	-0.3						eP	20 28	45.0	-0.2										
			pP	17 38	31.0	3.3						sP	20 29	07.0	2.0										
			eS	17 48	58.0	-3.9						LE		M _s =4.7	16.0	1.00									
			LN		M _s =5.5		13.0	0.40				LZ		M _s =5.0	20.0	4.00									
			LE				16.0	0.90	TIA	29.4	344	eP	20 28	51.5	-1.3										
KMI	88.2	297	eP	17 38	21.0	0.2						eS	20 33	45.0	4.3										
			pP	17 38	32.0	3.9						LN		M _s =4.4	15.0	0.41									
			S	17 48	57.0	-3.7						P	20 29	02.4	-1.7										
			LE		M _s =5.7		20.0	1.90	XAN	30.7	330	eP	20 29	08.3	0.5										
			LZ		M _s =5.8		20.0	4.10	DL2	31.1	352	S	20 34	11.0	4.6										
CD2	89.3	302	eP	17 38	27.8	2.0						LZ		M _s =4.2	18.0	0.42									
			sS	17 49	22.0	-3.0						P	20 29	10.0	0.3										
			LZ		M _s =5.2		24.0	1.20	CD2	31.3	320	eS	20 34	12.0	1.3										
LZH	90.9	307	eP	17 38	35.0	1.2						LE		M _s =3.9	13.0	0.10									
			PMZ		m _b =5.5		2.5	0.078	TIY	32.3	338	eP	20 29	17.4	-0.9										
			eSKS	17 49	00.0	-1.1						eS	20 34	25.0	-1.1										
			LZ		M _s =5.8		48.0	9.40				sS	20 34	48.0	-2.1										
GTA	95.0	309	eP	17 38	51.8	-0.7						LN		M _s =5.0	21.0	1.79									
			SKS	17 49	30.0	6.0						LE			18.0	1.14									
			sS	17 50	10.5	-5.3						LZ		M _s =4.5	22.0	1.04									
			SS	17 56	24.0	-7.0						eP	20 29	26.0	-0.6										
			LN		M _s =5.4		12.0	0.51	BJI	33.2	345	eS	20 34	42.0	0.9										
			LZ		M _s =5.3		24.0	1.28				eScP	20 35	49.0	4.1										
<p>JUL 6d 20h 06m 14.3 ± 0.05s, SD0.79 / 13 16.35 S ± 0.87km, 176.19 W ± 0.75km, h385 ± 0.45km Fiji region (181)</p>																									
CN2	80.1	321	eP	20 17	43.5	-1.0						LZ		M _s =4.3	20.0	0.61									
WHN	81.4	305	eP	20 17	52.0	0.8						eP	20 29	33.0	1.8										
BJI	84.2	314	eP	20 18	05.0	-0.3						S	20 34	51.5	3.1										
TIY	85.8	311	eP	20 18	14.0	0.7						sS	20 35	11.0	-2.6										
GYA	86.1	299	P	20 18	16.0	1.2						LZ		M _s =4.6	18.0	1.06									
<p>JUL 6d 20h 22m 52.6 ± 0.10s, SD1.14 / 79 8.03 N ± 1.21km, 126.74 E ± 1.86km, h59 ± 0.38km Mindanao (259) M_s4.6 / 19, m_b5.4 / 3, m_b5.4 / 3,</p>																									
QZH	18.5	336	eP	20 27	06.5	-0.3						eP	20 29	40.0	-0.9										
			eS	20 30	27.0	-0.5						PMZ		m _b =5.0	1.5	0.039									
												LZ		M _s =4.7	20.0	1.50									
												P	20 29	45.4	0.4										
												eP	20 29	47.0	-0.2										
												eP	20 29	47.0	-0.7										
												pP	20 30	02.0	0.3										
												PP	20 31	07.5	-0.9										
												eS	20 35	18.0	-1.2										
												LN		M _s =4.7	16.0	0.50									
												LE			16.0	0.50									

MDJ	36.5	3	-P	20 29	56.3	1.6		
			S	20 35	34.0	3.1		
			LZ		$M_S=4.6$	20.0	0.90	
GTA	39.5	327	-P	20 30	19.7	0.2		
			LE		$M_S=4.8$	12.0	0.48	
			LZ		$M_S=4.6$	20.0	0.90	
LSA	39.7	308	eP	20 30	24.0	2.2		
			S	20 36	25.0	5.6		
			SME		$m_B=5.3$	5.0	0.27	
WMQ	49.3	323	+P	20 31	38.5	0.6		
			S	20 38	42.5	5.5		
			LZ		$M_S=4.8$	28.0	1.34	
KSH	55.1	313	eP	20 32	20.0	-1.8		
			eS	20 39	55.0	-3.4		

JUL 7d 04h 39m $36.6 \pm 0.10s$, SD2.09 / 28
 $34.81 N \pm 2.02km$, $139.38 E \pm 2.13km$, $h29 \pm 1.15km$
 Near south coast of Honshu (230)
 $M_S 4.5 / 9$,

MDJ	12.3	325	eP	04 42	36.5	3.0		
CN2	14.0	314	eP	04 42	57.5	1.8		
			eS	04 45	27.0	-4.4		
			LN		$M_S=4.2$	12.5	0.80	
			LZ		$M_S=3.9$	18.0	0.80	
SSE	15.7	261	eP	04 43	17.0	-0.9		
			SS	04 46	26.0	-3.4		
			LN		$M_S=4.9$	14.0	3.43	
			LE			14.0	0.70	
			LZ		$M_S=3.8$	16.0	0.46	
TIA	18.2	281	eP	04 43	48.5	-0.3		
BJI	19.1	293	eP	04 43	58.5	-2.0		
			eS	04 47	33.0	3.5		
			LN		$M_S=4.5$	8.0	0.54	
WHN	21.5	266	eP	04 44	27.0	1.8		
			sP	04 44	38.5	1.3		
			sS	04 48	28.0	-2.1		
			LN		$M_S=4.5$	14.0	0.85	
GYA	29.3	262	P	04 45	39.6	0.7		
WMQ	40.4	299	eP	04 47	17.0	2.5		

JUL 7d 12h 27m $51.3 \pm 0.34s$, SD2.84 / 45
 $36.25 S \pm 6.38km$, $99.06 W \pm 8.56km$, $h7 \pm 1.38km$
 Southern Pacific Ocean (692)
 $M_S 5.6 / 1$,

MDJ	142.5	298	ePKP	12 47	22.4	-3.7		
CN2	145.4	297	ePKP	12 47	30.0	-1.2		
			ePP	12 50	59.0	5.3		
			LZ		$M_S=5.4$	20.0	0.60	
QZH	145.9	261	ePKP	12 47	30.5	-1.5		
SSE	146.3	273	PKP	12 47	33.0	0.4		
			PKP2	12 47	40.5	5.2		
			pPKP2	12 47	45.7			
			LZ		$M_S=5.3$	20.0	0.47	
SNY	146.7	293	ePKP	12 47	33.0	-0.3		
			LZ		$M_S=5.4$	28.0	0.77	
DL2	147.8	287	ePKP	12 47	37.5	2.3		
NJ2	148.5	274	+PKP	12 47	39.0	2.8		
			LZ		$M_S=5.2$	24.0	0.46	
TIA	150.9	281	ePKP	12 47	42.7	2.6		
WHN	151.6	268	ePKP	12 47	46.5	5.4		
BJI	152.1	289	ePKP	12 47	39.0	-2.9		
			ePP	12 51	34.0	2.1		
XAN	157.0	273	ePKP	12 47	52.0	3.4		
GTA	164.8	288	ePKP	12 47	54.8	-2.3		
			LN		$M_S=5.6$	8.0	0.29	
			LZ		$M_S=5.4$	14.0	0.41	
WMQ	170.8	328	ePKP	12 47	59.0	-2.2		
			PKP2	12 49	18.5	-1.6		

			PP	12 53	15.0	3.7		
			LZ		$M_B=5.5$	32.0	1.29	
JUL 7d 16h 13m $36.8 \pm 0.08s$, SD2.57 / 10 $41.84 N \pm 0.84km$, $120.62 E \pm 0.64km$, $h19 \pm 0.35km$ North-Eastern China (658) $M_L 3.0 / 10$,								
SNY	2.2	89	iPg	16 14	13.7	-2.3		
			Sg	16 14	42.0	-4.2		
			SMN		$M_L=3.1$	0.8	0.17	
			SME			0.4	0.10	
CN2	4.1	59	ePg	16 14	50.0	1.4		
			eSg	16 15	45.0	1.0		
			SMN		$M_L=2.9$	0.6	0.027	
			SME			0.6	0.022	

JUL 7d 19h 14m $57.9 \pm 0.08s$, SD1.29 / 37
 $8.04 S \pm 1.13km$, $127.62 E \pm 1.81km$, $h32 \pm 0.15km$
 Timor (289)
 $m_B 4.9 / 1$,

GYA	39.9	330	P	19 22	33.8	3.1		
WHN	40.4	342	eP	19 22	36.0	0.9		
			sP	19 22	51.5	3.2		
NJ2	40.7	349	+P	19 22	39.0	1.3		
KMI	40.9	324	eP	19 22	41.0	1.5		
XAN	45.4	338	P	19 23	14.6	-1.5		
BJI	49.0	348	eP	19 23	44.0	0.2		
LZH	49.3	334	eP	19 23	47.0	0.9		
GTA	53.8	333	eP	19 24	19.4	-0.8		
			PMZ		$m_B=4.9$	0.8	0.014	
WMQ	63.0	329	eP	19 25	23.2	-1.4		

JUL 7d 19h 41m $18.1 \pm 0.10s$, SD0.99 / 84
 $4.83 S \pm 1.27km$, $128.96 E \pm 1.54km$, $h33 \pm 0.31km$
 Banda Sea (280)
 $M_S 5.0 / 32$, $m_B 5.7 / 13$, $m_B 5.5 / 8$,

QZN	30.3	322	+P	19 47	29.0	0.3		
			pP	19 47	39.0	1.1		
			S	19 52	27.8	3.2		
			SS	19 54	10.0	5.5		
			LN		$M_S=5.0$	12.0	1.30	
QZH	31.3	342	-P	19 47	37.0	-0.5		
			S	19 52	40.0	-0.1		
			SME		$m_B=5.5$	6.0	0.69	
			LN		$M_S=5.0$	12.0	0.79	
			LE			12.0	0.85	
			LZ		$M_S=4.7$	24.0	2.03	
GZH	31.7	332	eP	19 47	40.5	-0.5		
			S	19 52	48.0	1.6		
			LN		$M_S=5.0$	13.0	1.39	
SSE	36.5	349	P	19 48	22.0	-0.5		
			PMZ		$m_B=4.7$	1.0	0.012	
			pP	19 48	33.0	1.2		
			S	19 54	00.0	-1.1		
			sS	19 54	19.0	1.5		
			SS	19 56	32.0	3.9		
			LN		$M_S=4.9$	16.0	0.47	
			LE			16.0	0.98	
			LZ		$M_S=4.6$	20.0	0.93	
WHN	37.9	339	eP	19 48	35.0	1.0		
			pP	19 48	45.0	1.7		
			S	19 54	22.0	0.1		
			SME		$m_B=5.8$	5.0	0.81	
			LN		$M_S=5.1$	12.0	0.79	
			LE			10.0	0.61	
			LZ		$M_S=4.8$	22.0	1.83	
GYA	37.9	326	+P	19 48	35.4	1.2		
			sP	19 48	50.0	2.6		



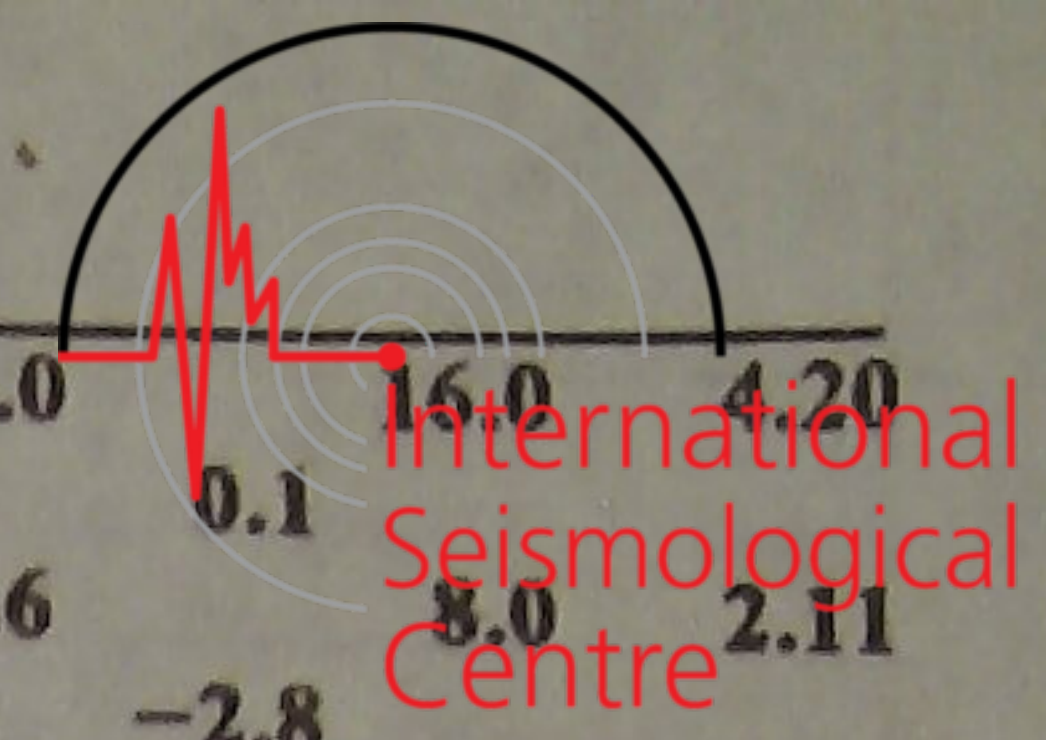
		PP	19 50 08.0	4.4				MDJ	49.2	1	+P	19 50 06.5	0.7			
		PcP	19 50 52.0	2.1							cS	19 57 06.0	-2.6			
		S	19 54 23.0	0.8							LZ	$M_s = 4.7$	30.0	1.30		
		SMN	$m_B = 5.7$	6.0	0.50			LSA	49.9	316	-P	19 50 12.9	1.2			
		SME		6.0	0.70						S	19 57 20.0	2.7			
		ScP	19 54 34.0	0.5							SMN	$m_B = 5.6$	8.0	0.61		
		LN	$M_s = 5.1$	18.0	1.00			GTA	51.6	331	+iP	19 50 23.9	-0.1			
		LE		18.0	1.60						PMZ	$m_b = 5.5$	1.2	0.071		
NJ2	37.9	346	+P	19 48 35.8	1.3						sP	19 50 34.0	-3.2			
			sP	19 48 49.0	1.1						S	19 57 40.0	-0.2			
			S	19 54 23.5	0.5						sS	19 57 52.0	-5.0			
			LN	$M_s = 5.0$	13.0	0.41					LE	$M_s = 5.1$	14.0	0.80		
			LE		14.0	0.85					LZ	$M_s = 4.8$	20.0	0.84		
			LZ	$M_s = 4.5$	24.0	0.91		WMQ	61.0	327	cP	19 51 30.8	-0.7			
KMI	39.2	321	+P	19 48 47.5	2.1						pP	19 51 41.0	0.1			
			PMZ		3.0	0.50					S	19 59 45.5	0.3			
			pP	19 48 57.0	2.5						SME	$m_B = 5.7$	5.0	0.46		
			PP	19 50 21.0	1.7						LZ	$M_s = 4.9$	24.0	1.05		
			S	19 54 46.0	3.7			KSH	65.8	317	P	19 52 02.0	-0.8			
			LN	$M_s = 5.2$	15.0	1.60					pP	19 52 13.0	0.7			
			LZ	$M_s = 5.1$	18.0	2.80					cS	20 00 46.0	0.1			
TIA	42.3	346	eP	19 49 12.6	1.7						LE	$M_s = 5.3$	12.0	0.80		
CD2	42.9	327	+iP	19 49 14.8	-1.2			<p>JUL 7d 20h 40m $04.9 \pm 0.07s$, $SD2.35 / 17$ $25.10 N \pm 0.76km$, $109.31 E \pm 0.69km$, $h10 \pm km$ Eastern China (664) $M_L 3.6 / 9$,</p>								
			S	19 55 36.0	-1.7			GYA	2.7	300	Pn	20 40 50.6	1.0			
			LE	$M_s = 5.2$	13.0	1.20					Sn	20 41 25.2	0.6			
			LZ	$M_s = 4.9$	20.0	1.40					SMN	$M_L = 3.9$	1.2	0.72		
XAN	43.0	335	+P	19 49 16.5	-0.5						SME		1.2	0.32		
DL2	44.0	352	eP	19 49 25.0	0.0						LN		4.0	0.50		
			S	19 55 53.0	-0.9						LE		4.0	0.60		
			LZ	$M_s = 4.5$	20.0	0.60					GZH	4.2	118	Pg	20 41 18.5	-0.5
TIY	45.0	341	eP	19 49 33.0	0.0						Sg	20 42 10.4	-5.9			
			pP	19 49 43.0	0.6						SMN	$M_L = 3.6$	0.8	0.10		
			S	19 56 06.0	-2.2						SME		0.8	0.11		
			LN	$M_s = 5.1$	15.0	0.92					QZN	6.1	175	ePg	20 41 52.6	0.5
			LE		13.0	0.50					eSg	20 43 09.4	-5.5			
			LZ	$M_s = 4.8$	26.0	1.42					SMN	$M_L = 3.3$	0.6	0.010		
BJI	46.2	346	eP	19 49 41.5	-0.5						SME		0.8	0.030		
			eS	19 56 22.0	-3.5						CD2	7.6	321	Pn	20 42 00.1	4.1
			eSS	19 59 43.0	0.4						XAN	8.9	358	P	20 42 15.0	-2.0
			LE	$M_s = 4.8$	12.0	0.37					<p>JUL 7d 21h 45m $37.2 \pm 0.15s$, $SD1.92 / 31$ $3.43 S \pm 1.56km$, $135.61 E \pm 1.89km$, $h34 \pm 0.68km$ West Irian region (196) $m_b 5.0 / 1$,</p>					
			LZ	$M_s = 4.7$	20.0	0.91					WHN	39.4	330	eP	21 53 10.0	4.1
SNY	46.7	354	eP	19 49 46.2	0.1						GYA	40.8	318	P	21 53 21.4	3.6
			sP	19 50 01.0	1.5						KMI	42.7	313	+P	21 53 34.5	1.2
			S	19 56 34.0	2.2						XAN	45.0	328	P	21 53 50.0	-1.4
			LZ	$M_s = 4.8$	26.0	1.27					BJI	46.8	339	eP	21 54 05.0	-0.8
LZH	47.0	332	-P	19 49 49.5	0.7						CN2	47.9	350	P	21 54 15.0	0.5
			PMZ	$m_b = 5.6$	2.0	0.17					MDJ	48.1	354	eP	21 54 17.0	0.6
			pP	19 49 59.0	1.0						LZH	49.3	326	eP	21 54 25.0	-0.3
			sP	19 50 04.0	2.0						GTA	53.9	326	eP	21 54 59.5	-0.4
			eS	19 56 36.0	-1.8						PMZ	$m_b = 5.0$	1.0	0.022		
			SME	$m_B = 5.8$	5.0	0.61					WMQ	63.7	323	P	21 56 07.5	-0.6
			LE	$M_s = 4.9$	12.0	0.50					<p>JUL 7d 22h 37m $05.8 \pm 0.18s$, $SD1.82 / 28$ $3.30 S \pm 2.01km$, $146.81 E \pm 1.98km$, $h33 \pm 0.46km$ Bismarck Sea (203)</p>					
			LZ	$M_s = 4.9$	32.0	2.30					WHN	45.7	320	P	22 45 27.5	1.2
HHC	48.2	342	P	19 49 57.6	-0.3							pP	22 45 38.0	2.2		
			sP	19 50 11.5	0.4						BJI	51.5	330	eP	22 46 15.0	4.4
			S	19 56 54.0	1.1						XAN	51.5	319	P	22 46 10.0	-0.9
			LN	$M_s = 5.0$	16.0	0.80					CD2	53.3	313	P	22 46 24.6	0.3
BTO	48.4	341	eP	19 49 58.0	-1.9											
			eS	19 56 54.0	-3.8											
			LN	$M_s = 4.9$	15.0	0.50										
			LE		15.0	0.40										
CN2	48.5	357	+P	19 50 00.5	0.2											
			sP	19 50 15.0	1.3											
			ScP	19 55 19.0	2.7											
			eS	19 56 59.0	0.4											
			SS	20 00 18.0	-4.9											
			LN	$M_s = 4.9$	10.0	0.40										
			LZ	$M_s = 4.7$	20.0	0.90										

GTA	60.6	319	eP	22 47 16.0	-0.2		
WMQ	70.6	319	eP	22 48 20.4	-0.3		
<p>JUL 7d 23h 29m 36.5 ± 0.15s, SD0.93 / 56 13.53 S ± 1.11km, 166.68 E ± 2.10km, h94 ± 0.66km Vanuatu (New Hebrides) (186) m_b5.3 / 5,</p>							
SSE	62.3	316	-P	23 39 50.5	-0.8		
			PMZ			m _b = 5.3	1.0 0.036
WHN	66.7	312	P	23 40 20.0	-0.2		
MDJ	67.0	332	eP	23 40 21.5	-0.3		
DL2	67.0	323	eP	23 40 22.0	0.0		
			PMZ			m _b = 5.6	1.0 0.082
SNY	67.9	327	+P	23 40 26.8	-0.8		
CN2	68.3	329	+iP	23 40 29.8	-0.5		
GYA	70.6	305	P	23 40 44.6	0.5		
BJI	71.0	321	eP	23 40 46.0	-0.4		
TIY	72.0	317	+P	23 40 53.4	0.7		
XAN	72.5	313	+iP	23 40 55.5	0.2		
KMI	73.2	302	+P	23 41 01.5	1.7		
HHC	74.3	320	eP	23 41 07.0	0.8		
CD2	74.8	308	+iP	23 41 09.7	0.6		
BTO	75.1	319	P	23 41 12.0	1.0		
LZH	77.1	312	eP	23 41 23.0	0.9		
			PMZ			m _b = 5.3	1.5 0.077
GTA	81.4	314	+iP	23 41 46.2	0.7		
			PMZ			m _b = 5.1	1.0 0.028
WMQ	91.5	315	P	23 42 34.0	-0.5		

<p>JUL 8d 00h 48m 10.0 ± 0.14s, SD0.73 / 59 17.61 S ± 1.60km, 172.90 W ± 1.15km, h47 ± 0.77km Tonga (173) M_s5.4 / 3, m_b5.5 / 1, m_b5.4 / 3,</p>							
QZH	79.0	301	-P	01 00 11.0	-0.3		
SSE	79.7	307	eP	01 00 14.0	-1.0		
			eS	01 10 12.0	-0.5		
			LZ			M _s = 5.1	20.0 0.93
MDJ	81.1	322	eP	01 00 22.2	-0.3		
NJ2	81.9	307	+P	01 00 26.5	-0.2		
			LZ			M _s = 5.0	20.0 0.61
DL2	83.1	314	eP	01 00 33.2	0.4		
CN2	83.1	320	+iP	01 00 32.6	-0.3		
			eS	01 10 46.9	-0.8		
			LZ			M _s = 4.9	22.0 0.60
SNY	83.2	318	+P	01 00 33.7	0.1		
			PMZ			m _b = 5.5	1.2 0.060
			eS	01 10 53.0	3.9		
WHN	84.7	304	eP	01 00 42.0	0.8		
			sP	01 00 55.0	-3.6		
TIA	85.0	310	eP	01 00 42.2	-0.4		
BJI	87.3	313	eP	01 00 54.0	0.1		
			PMZ			m _b = 5.5	8.0 0.35
			epP	01 01 04.0	-2.4		
			eS	01 11 29.0	-0.2		
			LZ			M _s = 4.6	24.0 0.32
TIY	89.0	310	-P	01 01 02.8	0.6		
			S	01 11 41.0	-2.4		
			LE			M _s = 5.2	14.0 0.39
			LZ			M _s = 5.2	20.0 0.88
GYA	89.5	298	+P	01 01 05.4	1.0		
			sP	01 01 19.0	-2.9		
			S	01 11 49.0	1.4		
XAN	90.3	306	P	01 01 08.4	0.2		
HHC	90.9	313	P	01 01 11.2	0.3		
BTO	91.9	312	eP	01 01 15.5	0.0		
KMI	92.4	295	+P	01 01 18.5	0.4		
CD2	93.4	301	eP	01 01 22.6	0.3		
LZH	94.9	306	eP	01 01 29.0	-0.5		

GTA	98.9	308	eP	01 01 47.6	0.0		
			LZ			M _s = 5.1	22.0 0.62
<p>JUL 8d 03h 46m 58.1 ± 0.09s, SD1.09 / 88 49.86 N ± 1.07km, 78.76 E ± 1.22km, h9 ± 0.22km Eastern Kazakhstan (329) M_s4.7 / 13, M_i5.7 / 5, m_b5.5 / 16,</p>							
WMQ	8.6	131	+iP	03 49 05.0	-1.2		
			LN			M _s = 5.2	4.0 5.06
KSH	10.5	192	eP	03 49 33.0	0.2		
			eS	03 51 32.5	0.2		
			LN			M _s = 4.8	8.0 2.90
GTA	18.2	117	-iP	03 51 12.4	-0.9		
			LN			M _s = 4.4	7.0 0.42
			LZ			M _s = 4.3	10.0 0.64
LSA	22.2	150	eP	03 51 59.0	1.6		
LZH	22.8	118	-P	03 52 03.5	0.5		
			PMZ			m _b = 5.2	1.5 0.14
			LZ			M _s = 4.2	12.0 0.50
BTO	23.7	101	P	03 52 12.5	0.5		
			pP	03 52 19.0	2.1		
			LN			M _s = 4.7	11.0 0.60
			LE				9.0 0.60
HHC	24.6	99	P	03 52 21.0	0.8		
			eS	03 56 39.0	0.2		
			LN			M _s = 4.9	10.0 0.70
			LE				10.5 1.10
			LZ			M _s = 5.0	10.0 2.20
CD2	26.6	126	+iP	03 52 40.2	0.7		
TIY	26.9	104	eP	03 52 43.0	0.8		
			eS	03 57 20.0	2.2		
			LN			M _s = 4.6	11.0 0.40
			LE				9.0 0.29
			LZ			M _s = 4.6	12.0 0.96
XAN	27.2	114	+P	03 52 44.8	0.2		
BJI	28.0	96	+P	03 52 52.0	0.4		
			LN			M _s = 4.6	10.0 0.34
			LE				9.0 0.36
			LZ			M _s = 4.6	12.0 0.90
TIA	30.8	102	+P	03 53 17.5	0.4		
KMI	30.9	134	+P	03 53 18.0	-0.1		
GYA	31.7	127	+P	03 53 25.6	0.4		
			PMZ			m _b = 6.2	1.2 0.51
			PcP	03 56 16.6	0.6		
			S	03 58 35.2	2.1		
SNY	31.8	87	+iP	03 53 25.1	-0.8		
			PMZ			m _b = 5.7	0.7 0.10
			PcP	03 56 16.3	0.0		
CN2	32.1	83	+iP	03 53 29.0	0.8		
			sP	03 53 34.0	-2.2		
			PcP	03 56 16.0	-1.0		
DL2	32.1	93	eP	03 53 29.0	0.5		
WHN	32.9	112	+P	03 53 35.5	0.2		
			PMZ			m _b = 6.0	0.5 0.12
			pP	03 53 43.0	2.4		
			PcP	03 56 19.2	0.0		
			LN			M _s = 5.0	12.0 0.79
			LE				12.0 0.73
NJ2	34.6	106	-P	03 53 50.8	0.7		
			PcP	03 56 24.0	0.0		
			LZ			M _s = 4.2	14.0 0.30
SSE	36.7	105	-P	03 54 08.0	0.1		
			PMZ			m _b = 5.3	1.0 0.052
GZH	38.0	122	+P	03 54 17.5	-1.3		
QZN	39.5	130	+P	03 54 32.1	0.7		
QZH	39.6	114	eP	03 54 32.0	0.2		

JUL 8d 07h 43m 34.7 ± 0.13s, SD1.79 / 24



1.29 N ± 1.64km, 126.43 E ± 3.53km, h92 ± 0.33km Molucca Passage (266)					QZH 23.8 353										
QZN	24.0	318	+P	07 48 43.4	1.6					LZ			M _S = 5.0	16.0	4.20
NJ2	31.4	348	-P	07 49 48.8	-0.8					-P	10 38 18.0	0.1		8.0	2.11
XAN	36.5	335	P	07 50 31.4	-1.6					PMZ			m _B = 5.6		
TIY	38.5	342	eP	07 50 53.0	3.3					pP	10 38 25.0	-2.8			
BJI	39.7	348	P	07 51 03.0	3.3					S	10 42 28.0	0.9			
LZH	40.5	331	eP	07 51 06.0	-0.4					sS	10 42 40.0	-4.4			
GTA	45.0	331	eP	07 51 42.6	-1.0					LN			M _S = 5.0	13.0	2.05
WMQ	54.5	326	P	07 52 55.8	-0.3					LZ			M _S = 4.9	18.0	3.27
KSH	59.6	316	eP	07 53 28.0	-3.9					P	10 39 05.0	-0.7			
			eS	08 01 32.0	-1.6					PP	10 40 02.0	2.9			
-----					GYA 28.9 332										
JUL 8d 09h 31m 56.1 ± 0.12s, SD0.96 / 68					SSE 29.8 359										
52.98 N ± 1.96km, 159.76 E ± 1.34km, h32 ± 0.27km					P										
Off east coast of Kamchatka (219)					PMZ										
M _S 4.6 / 5, m _B 5.1 / 7,					PMZ										
MDJ	21.4	259	eP	09 36 43.5	-0.3					S	10 44 02.0	-2.6			
CN2	24.4	262	+P	09 37 12.0	-0.6					LN			M _S = 5.2	16.0	2.35
			epP	09 37 20.0	-1.3					LE				16.0	1.47
			eS	09 41 26.0	-1.4					LZ			M _S = 4.8	20.0	2.05
			LE		M _S = 4.1	14.0	0.30			-P	10 39 15.0	0.2			
			LZ		M _S = 4.3	18.0	0.90			PMZ			m _B = 5.7	9.0	1.30
SNY	26.6	260	eP	09 37 33.8	-0.2					pP	10 39 25.0	0.2			
DL2	29.6	257	eP	09 38 00.0	-1.0					S	10 44 07.0	-0.5			
BJI	32.2	264	eP	09 38 23.0	-0.4					LN			M _S = 5.2	16.0	2.90
			LZ		M _S = 4.2	24.0	0.65			LZ			M _S = 5.1	18.0	4.30
TIA	34.1	258	eP	09 38 39.0	-1.1					P	10 39 16.0	1.0			
SSE	35.4	247	P	09 38 51.1	-0.5					PMZ			m _B = 5.8	9.0	1.46
			sP	09 39 03.5	-1.0					pP	10 39 26.0	0.7			
TIY	35.9	264	-P	09 38 56.1	0.5					PP	10 40 15.0	2.1			
			ScP	09 45 08.0	3.6					LN			M _S = 5.5	16.0	5.00
			LN		M _S = 4.6	16.0	0.54			LE				12.0	1.71
			LZ		M _S = 4.5	20.0	0.75			LZ			M _S = 5.4	18.0	7.29
NJ2	36.0	251	+P	09 38 56.4	-0.3					-P	10 39 23.4	1.1			
			LZ		M _S = 4.1	20.0	0.31			PMZ			m _B = 5.7	10.0	1.22
WHN	39.7	254	P	09 39 28.2	0.5					LN			M _S = 5.3	11.0	2.08
			sP	09 39 37.0	-3.8					LE				10.0	0.65
QZH	41.6	244	-P	09 39 45.0	1.5					LZ			M _S = 5.1	20.0	4.27
LZH	42.1	269	eP	09 39 48.0	0.3					P	10 39 49.8	-0.7			
			PMZ		m _B = 5.0	1.5	0.039			pP	10 39 56.5	-4.3			
			PcP	09 41 42.5	0.8					PP	10 41 05.0	0.6			
			LZ		M _S = 4.5	16.0	0.50			S	10 45 13.0	1.5			
GTA	42.4	276	+iP	09 39 50.6	0.6					LE			M _S = 5.4	14.0	3.40
			PMZ		m _B = 5.2	0.8	0.029			LZ			M _S = 5.0	16.0	2.20
CD2	45.8	264	P	09 40 16.7	-0.2					P	10 39 55.7	-1.0			
WMQ	46.8	289	+iP	09 40 26.0	0.8					LN			M _S = 5.5	15.0	4.55
			PcP	09 41 58.0	0.3					-P	10 39 59.0	-0.5			
			ScP	09 45 47.0	-0.4					S	10 45 28.1	0.2			
			eS	09 47 13.2	0.2					LN			M _S = 5.1	15.0	1.40
			LZ		M _S = 4.5	24.0	0.67			LE				12.0	0.75
GYA	47.3	257	P	09 40 29.0	0.1					+iP	10 40 19.0	0.7			
			PcP	09 42 00.2	0.9					PP	10 41 47.5	1.7			
QZN	51.2	248	+P	09 41 01.4	2.3					S	10 46 09.0	7.0			
-----					DL2 37.6 0										
JUL 8d 10h 33m 07.4 ± 0.12s, SD0.88 / 90					LZH 38.4 337										
1.16 N ± 1.39km, 121.56 E ± 1.47km, h39 ± 0.27km					+P										
Minahassa Peninsula (Celebes) (265)					PMZ										
M _S 5.3 / 47, m _B 5.7 / 24, m _B 5.3 / 12,					PMZ										
QZN	21.1	328	-P	10 37 51.0	-0.6					PP	10 41 56.0	-3.0			
			PP	10 38 15.0	0.2					eS	10 46 20.0	-0.1			
			S	10 41 40.0	1.1					SME			m _B = 5.3	10.0	0.62
			LN		M _S = 5.1	12.0	2.20			sS	10 46 42.0	4.7			
			LE			15.0	2.90								
GZH	23.2	340	eP	10 38 11.0	-1.0										
			sS	10 42 29.0	-4.7										
			LN		M _S = 5.3	13.0	3.60								
			LE			12.0	2.90								

BJI	39.0 353	LE	$M_s = 5.2$	14.0	1.60	HHC	55.7 294	P	11 06 30.4	0.4			
		LZ	$M_s = 5.3$	16.0	3.70	TIA	55.7 286	-P	11 06 29.7	-0.3			
		eP		10 40 32.0	-0.2	BTO	56.7 295	P	11 06 37.5	0.1			
		PMZ	$m_b = 5.7$	8.0	1.06	SSE	56.9 279	+P	11 06 39.0	0.5			
		PP		10 42 07.0	1.2			PMZ	$m_b = 5.4$	1.5	0.074		
		eS		10 46 28.0	-0.3			pP		11 06 50.2	2.2		
LSA	40.5 317	LN	$M_s = 4.9$	12.0	0.67			LN	$M_s = 5.2$	17.0	1.07		
		LZ	$M_s = 5.2$	16.0	2.64	TIY	57.4 291	+P	11 06 42.8	0.9			
		eP		10 40 47.4	2.1	NJ2	57.6 282	-P	11 06 43.0	-0.5			
		pP		10 40 53.5	-1.7	WHN	61.4 284	-P	11 07 09.5	0.1			
		S		10 46 55.9	5.8	XAN	62.0 290	P	11 07 13.4	-0.2			
		LN	$M_s = 5.0$	13.0	0.58	GTA	63.1 300	+P	11 07 20.4	-0.5			
SNY	40.5 2	LE		16.0	0.67			PMZ	$m_b = 5.2$	1.4	0.048		
		-iP		10 40 44.8	0.0	LZH	63.3 295	-P	11 07 22.0	-0.7			
		ScP		10 46 31.0	-0.4			PMZ	$m_b = 5.5$	2.0	0.14		
		S		10 46 51.0	0.9	WMQ	65.7 311	-P	11 07 38.0	0.0			
		LN	$M_s = 5.2$	12.0	0.93	CD2	67.2 291	P	11 07 47.8	0.2			
		LE		15.0	1.06	GYA	68.9 286	P	11 07 58.4	0.2			
HHC	40.5 348	LZ	$M_s = 5.2$	19.0	3.58	KMI	72.2 288	-P	11 08 18.5	0.2			
		-iP		10 40 46.0	1.0	KSH	74.4 316	eP	11 08 29.0	-1.9			
		PP		10 42 24.0	2.2	LSA	75.1 299	-P	11 08 37.0	1.7			
		S		10 46 56.0	5.8	JUL 8d 14h 44m $05.4 \pm 0.09s$, $SD1.25 / 30$							
		LN	$M_s = 5.5$	19.0	3.90	9.02 N $\pm 1.51km$, 138.02 E $\pm 1.49km$, $h32 \pm 0.26km$							
		LE		16.0	1.10	Western Caroline Islands (209)							
BTO	40.6 346	LZ	$M_s = 5.2$	18.0	3.40	WHN	30.8 317	eP	14 50 21.5	1.1			
		P		10 40 45.0	-0.8	BJI	36.5 331	eP	14 51 10.0	-0.1			
		pP		10 40 55.0	-1.0	XAN	36.5 317	P	14 51 10.3	0.0			
		PP		10 42 21.0	-1.8	CD2	38.6 309	eP	14 51 28.0	0.2			
		S		10 46 50.0	-1.7	GTA	45.6 318	eP	14 52 24.7	-0.2			
		eSS		10 49 44.0	-4.4	WMQ	55.7 318	eP	14 53 41.3	-0.1			
CN2	42.6 4	LN	$M_s = 5.6$	16.0	3.70	JUL 8d 20h 03m $54.7 \pm 0.11s$, $SD0.90 / 51$							
		LE		19.0	2.40	55.20 N $\pm 2.01km$, 165.41 E $\pm 1.24km$, $h58 \pm 0.26km$							
		LZ	$M_s = 5.2$	18.0	3.40	Komandorsky Islands region (4)							
		-iP		10 41 01.0	-0.9	$M_s 4.8 / 6, m_b 5.2 / 3,$							
		PMZ	$m_b = 5.7$	7.0	0.80	MDJ	25.1 260	eP	20 09 15.0	-1.0			
		epP		10 41 11.0	-1.3	CN2	28.0 263	eP	20 09 40.5	-1.7			
GTA	42.9 335	ePP		10 42 46.0	2.6			eS	20 14 24.0	3.9			
		eS		10 47 20.5	-1.2			LN	$M_s = 4.4$	14.0	0.40		
		LN	$M_s = 5.2$	14.0	1.40			LZ	$M_s = 4.4$	18.0	0.80		
		LZ	$M_s = 5.1$	20.0	2.40	DL2	33.3 259	eP	20 10 28.6	-1.1			
		-iP		10 41 05.6	0.8	BTO	38.8 272	eP	20 11 18.0	1.8			
		PMZ	$m_b = 5.4$	1.2	0.066			pP	20 11 28.0	-2.1			
MDJ	43.9 8	pP		10 41 11.5	-3.6			eS	20 17 15.9	6.5			
		PP		10 42 48.0	1.3			LN	$M_s = 4.8$	14.0	0.50		
		S		10 47 28.0	2.4			LE		14.0	0.50		
		sS		10 47 40.0	-4.2	SSE	39.3 251	eP	20 11 22.0	1.8			
		LE	$M_s = 5.4$	15.0	2.08			pP	20 11 34.8	0.5			
		LZ	$M_s = 5.2$	16.0	2.33			LZ	$M_s = 4.3$	20.0	0.60		
WMQ	52.1 329	-P		10 41 12.0	-0.1			BTO	38.8 272	eP	20 11 18.0	1.8	
		S		10 47 36.0	-3.1			pP	20 11 28.0	-2.1			
		LZ	$M_s = 5.4$	20.0	5.31			eS	20 17 15.9	6.5			
		-P		10 42 15.7	-0.3			LN	$M_s = 4.8$	14.0	0.50		
		ScS		10 52 00.5	2.0			LE		14.0	0.50		
		LZ	$M_s = 5.1$	18.0	1.76			LZ	$M_s = 4.3$	20.0	0.47		
KSH	56.4 318	-P		10 42 48.0	0.1			TIY	39.4 266	eP	20 11 21.9	1.0	
		pP		10 42 56.0	-2.4			LN	$M_s = 4.7$	15.0	0.57		
		eS		10 50 34.0	-0.4			LZ	$M_s = 4.3$	20.0	0.50		
		sS		10 50 48.0	-4.0			WHN	43.5 257	eP	20 11 54.7	0.0	
		LE	$M_s = 5.4$	14.0	1.50			XAN	44.0 265	P	20 11 58.7	0.0	
								GTA	45.4 278	-iP	20 12 11.0	0.7	
JUL 8d 10h 56m $53.8 \pm 0.10s$, $SD0.81 / 60$								PMZ	$m_b = 5.1$	0.6	0.015		
52.83 N $\pm 2.46km$, 164.14 W $\pm 1.09km$, $h33 \pm 0.04km$								LE	$M_s = 4.8$	15.0	0.57		
South of Alaska (17)								LZ	$M_s = 4.8$	13.0	0.71		
$M_s 5.0 / 2, m_b 5.3 / 6,$								LZ	$M_s = 4.8$	13.0	0.71		
MDJ	43.0 287	eP		11 04 52.5	-0.2	LZH	45.4 272	eP	20 12 11.0	0.6			
CN2	45.9 288	+iP		11 05 16.0	0.2			PMZ	$m_b = 5.2$	1.0	0.035		
SNY	48.2 287	-iP		11 05 35.4	1.5			LZ	$M_s = 4.7$	16.0	0.70		
		PMZ		$m_b = 5.2$	1.2	0.039		LZ	$M_s = 4.7$	16.0	0.70		
BJI	53.6 290	eP		11 06 15.0	0.1			WMQ	49.2 291	P	20 12 40.0	0.5	
								LZ	$M_s = 4.4$	22.0	0.40		
								CD2	49.2 267	P	20 12 40.4	0.4	
								GYA	51.0 261	P	20 12 53.6	0.4	
								sP	20 13 08.4	-5.0			

$M_S 4.3 / 1,$

BJI	19.0	292	eP	03 26 50.0	-1.0		
WHN	21.4	265	P	03 27 18.2	1.1		
TIY	21.7	285	eP	03 27 22.3	1.4		
			LN		$M_S = 4.3$	15.0	0.57
			LZ		$M_S = 4.3$	14.0	0.71
WMQ	40.2	299	P	03 30 03.5	-2.6		

JUL 9d 09h 46m $39.9 \pm 0.11s, SD1.85 / 19$
 $1.87 S \pm 3.20km, 15.61 W \pm 1.90km, h4 \pm 0.51km$
 North of Ascension Island (407)

$M_S 5.7 / 3,$

WMQ	100.9	46	eP	10 00 29.4	-3.3		
			pP	10 00 41.0	3.9		
			SKS	10 11 14.0	4.1		
			LZ		$M_S = 5.1$	28.0	0.82
GYA	119.5	61	PKP	10 05 36.6	4.5		
WHN	124.8	54	ePKP	10 05 42.0	-0.1		
CN2	125.8	34	PKP	10 05 44.5	0.3		
			ePP	10 07 40.2	0.3		
			LE		$M_S = 5.4$	15.0	0.40
			LZ		$M_S = 5.5$	22.0	1.20
SNY	125.9	37	ePKP	10 05 46.6	2.2		
			PP	10 07 36.0	-4.7		
			LN		$M_S = 5.8$	18.0	0.81
			LE			18.0	0.75
			LZ		$M_S = 5.7$	20.0	1.57
MDJ	127.5	31	ePKP	10 05 48.0	0.5		

JUL 9d 10h 46m $03.7 \pm 0.13s, SD3.60 / 8$
 $44.85 N \pm 1.37km, 81.29 E \pm 1.18km, h5 \pm km$
 Kazakhstan-Xinjiang border region (331)

$M_L 3.6 / 7,$

WMQ	4.7	100	Pg	10 47 31.0	3.9		
			Sg	10 48 32.0	0.6		
			SMN		$M_L = 3.6$	0.6	0.070
			SME			0.8	0.10

JUL 9d 15h 31m $42.1 \pm 0.04s, SD1.13 / 10$
 $23.51 N \pm 0.64km, 122.69 E \pm 0.67km, h49 \pm 1.33km$
 Taiwan region (243)

$M_L 3.4 / 5,$

QZH	4.0	292	eP	15 32 42.7	0.1		
			S	15 33 24.0	-3.7		
			SMN		$M_L = 3.4$	0.2	0.090
			SME			0.2	0.060
SSE	7.7	350	P	15 33 33.5	-0.5		

JUL 9d 17h 27m $53.7 \pm 0.07s, SD1.09 / 25$
 $0.30 S \pm 0.68km, 123.18 E \pm 1.13km, h121 \pm 0.64km$
 Minahassa Peninsula (Celebes) (265)

QZN	23.2	326	eP	17 32 53.0	1.9		
			eS	17 36 57.0	6.1		
GYA	31.0	330	P	17 34 02.6	0.3		
WHN	31.8	345	eP	17 34 10.5	1.4		
			pP	17 34 38.0	2.6		
CD2	36.1	331	eP	17 34 45.4	-0.6		
XAN	36.7	340	P	17 34 50.2	-0.7		
GTA	44.9	334	P	17 35 59.2	0.5		
WMQ	54.1	329	eP	17 37 08.8	-0.2		

JUL 9d 17h 46m $26.5 \pm 0.15s, SD2.09 / 20$
 $57.16 S \pm 2.50km, 23.93 W \pm 3.64km, h31 \pm 0.74km$
 South Sandwich Islands region (153)

GTA	139.9	91	ePKP	18 05 49.8	-3.3		
SSE	144.5	122	PKP	18 06 00.0	-1.0		
			pPKP	18 06 11.5	1.7		
			LZ		$M_S = 5.3$	20.0	0.47

TIY	145.4	105	ePKP	18 06 02.2	-0.5		
TIA	146.7	112	-PKP	18 06 06.3	1.5		
BJI	149.1	106	ePKP	18 06 12.5	3.9		

JUL 9d 20h 07m $44.4 \pm 0.12s, SD1.93 / 33$
 $57.07 N \pm 1.07km, 122.60 E \pm 1.81km, h27 \pm 0.54km$
 Eastern Russia (656)

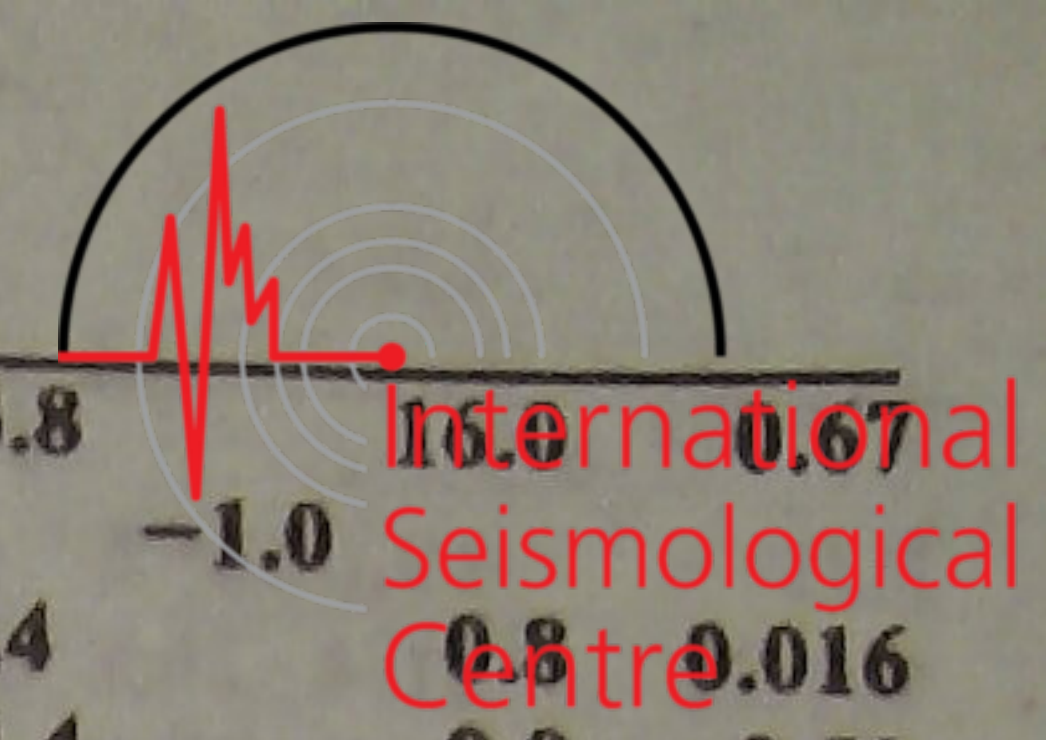
$M_S 4.7 / 8, M_L 4.8 / 1,$

CN2	13.4	171	eP	20 10 53.8	-1.9		
			LN		$M_S = 5.1$	8.0	1.40
			LE			8.0	3.60
			LZ		$M_S = 4.4$	12.0	1.60
BJI	17.5	197	eP	20 11 47.5	-1.5		
			eS	20 15 06.0	4.2		
			LE		$M_S = 4.8$	10.0	1.57
			LZ		$M_S = 4.2$	16.0	0.88
HHC	17.7	208	eP	20 11 50.8	-0.7		
BTO	18.4	212	eP	20 12 02.0	2.3		
			pP	20 12 09.0	2.7		
			eS	20 15 20.0	-1.2		
			LN		$M_S = 4.6$	11.0	0.90
			LE			11.0	0.70
GTA	23.1	230	eP	20 12 50.0	0.4		
			LE		$M_S = 4.9$	5.0	0.69
			LZ		$M_S = 4.5$	12.0	0.90
LZH	24.5	219	eP	20 13 04.5	1.6		
			LE		$M_S = 4.6$	7.0	0.40
NJ2	25.1	187	-P	20 13 10.8	1.6		
			LZ		$M_S = 4.1$	14.0	0.41
WMQ	25.5	254	eP	20 13 12.0	-1.1		
			eS	20 17 32.0	-5.0		
			LZ		$M_S = 4.1$	16.0	0.40

JUL 9d 20h 43m $22.0 \pm 0.12s, SD2.38 / 24$
 $34.80 N \pm 2.21km, 139.26 E \pm 3.13km, h8 \pm 1.73km$
 Near south coast of Honshu (230)

$M_S 4.4 / 9,$

MDJ	12.3	326	eP	20 46 25.0	4.3		
			S	20 48 42.0	3.3		
			LZ		$M_S = 4.2$	16.0	1.31
SNY	14.2	304	eP	20 46 48.0	2.6		
			eS	20 49 18.0	-5.8		
			LZ		$M_S = 4.2$	14.0	1.18
SSE	15.6	261	eP	20 47 03.0	-1.4		
			eS	20 49 57.0	-1.2		
			LN		$M_S = 4.5$	14.0	1.35
			LE			14.0	0.70
			LZ		$M_S = 3.8$	16.0	0.45
BJI	19.1	293	eP	20 47 47.0	-0.4		
			eS	20 51 15.0	-1.9		
			LN		$M_S = 4.2$	12.0	0.34
			LE			12.0	0.37
			LZ		$M_S = 3.7$	20.0	0.36
WHN	21.4	266	eP	20 48 14.5	2.0		
			sS	20 52 16.0	2.7		
			LN		$M_S = 4.6$	14.0	0.98
TIY	21.8	285	eP	20 48 16.0	-0.9		
			LN		$M_S = 4.5$	13.0	0.50
			LE			13.0	0.58
			LZ		$M_S = 4.4$	14.0	0.95
LZH	28.8	283	eP	20 49 21.5	-1.6		
			LN		$M_S = 4.3$	9.0	0.20
			LZ		$M_S = 4.1$	20.0	0.50
QZN	30.4	247	eP	20 49 35.5	-2.1		
GTA	31.6	290	eP	20 49 46.0	-2.2		
			LZ		$M_S = 4.4$	16.0	0.58
WMQ	40.3	299	eP	20 51 03.0	0.7		



<p>JUL 10d 04h 58m 15.6 ± 0.08s, SD1.31 / 25 6.05 S ± 1.46km, 103.29 E ± 1.85km, h33 ± 0.15km South-west of Sumatera (273)</p>					<p>GTA 19.1 81 eP 18 26 51.5 -1.0 16.0 0.67 PMZ m_b = 4.4 0.8 0.016 LE M_S = 4.4 9.0 0.59 LZ M_S = 4.3 10.0 0.64</p>				
<p>QZN 25.7 14 eP 05 03 47.7 2.5 XAN 40.2 7 P 05 05 51.0 -0.2 BJI 47.4 13 eP 05 06 49.0 0.1 WMQ 51.6 346 P 05 07 22.0 0.6 CN2 53.5 20 P 05 07 34.0 -1.6</p>					<p>LZH 22.9 89 eP 18 27 32.5 0.5 PMZ m_b = 4.6 2.0 0.047 LE M_S = 4.0 11.0 0.20 LZ M_S = 4.2 16.0 0.70</p>				
<p>JUL 10d 06h 00m 55.6 ± 0.10s, SD0.80 / 21 5.10 S ± 0.77km, 153.53 E ± 1.52km, h83 ± 1.36km New Ireland region (190) m_b 5.0 / 2,</p>					<p>BTO 26.7 76 eP 18 28 09.0 0.7 sP 18 28 19.0 -0.8 eS 18 32 41.5 1.2 LN M_S = 4.4 12.0 0.30 LE 11.0 0.30</p>				
<p>GYA 55.2 307 -P 06 10 23.2 0.6 XAN 57.3 316 +P 06 10 37.2 -0.9 CD2 59.5 310 -iP 06 10 52.7 -0.3 LZH 62.0 316 eP 06 11 10.0 0.1 PMZ m_b = 5.1 1.5 0.039 GTA 66.4 317 +iP 06 11 39.0 0.4 PMZ m_b = 4.9 0.8 0.014</p>					<p>JUL 10d 22h 55m 35.4 ± 0.13s, SD1.83 / 63 19.36 N ± 2.02km, 121.10 E ± 2.12km, h32 ± 0.65km Luzon (249) M_S 4.4 / 18, M_L 3.8 / 4,</p>				
<p>JUL 10d 14h 46m 54.2 ± 0.12s, SD1.86 / 57 23.59 N ± 1.68km, 94.30 E ± 1.21km, h68 ± 0.32km Burma-India border region (294) M_S 4.3 / 4, M_L 4.3 / 2, m_b 4.6 / 3,</p>					<p>QZH 6.0 338 eP 22 57 01.5 -3.1 SMN M_L = 3.5 0.3 0.030 SME 0.3 0.040 LE M_S = 3.9 13.0 1.49 LZ M_S = 3.8 20.0 1.50</p>				
<p>LSA 6.7 336 P 14 48 33.1 0.3 S 14 49 47.1 -0.8 LN M_S = 4.4 4.0 1.50 KMI 7.8 77 +P 14 48 53.0 4.7 LN M_S = 4.0 10.0 1.00 LZ M_S = 4.0 18.0 1.80</p>					<p>GZH 8.1 299 eP 22 57 34.2 0.1 QZN 10.6 270 eP 22 58 07.5 -1.4 S 23 00 01.8 -5.9 LN M_S = 4.2 14.0 1.40 SSE 11.7 0 eP 22 58 23.5 0.4 pP 22 58 29.0 -1.0 sS 23 00 40.0 -4.5</p>				
<p>CD2 11.1 47 P 14 49 33.2 0.3 GYA 11.6 73 P 14 49 40.0 1.1 pP 14 49 47.2 -0.1 PP 14 49 50.0 0.6 LZH 14.9 31 eP 14 50 25.0 1.7 PMZ m_b = 5.0 1.5 0.039 LZ M_S = 3.8 24.0 0.70</p>					<p>WHN 12.7 333 eP 22 58 35.0 -1.8 sP 22 58 46.0 -2.5 eS 23 00 54.0 -4.2 LN M_S = 4.4 12.0 1.10 LE 12.0 0.78 LZ M_S = 4.2 16.0 1.47</p>				
<p>GTA 16.5 15 eP 14 50 40.0 -2.4 XAN 16.5 48 P 14 50 44.0 1.2 WHN 19.1 64 eP 14 51 12.5 -2.2 pP 14 51 25.0 -2.5 WMQ 20.9 347 P 14 51 34.6 1.3 S 14 55 13.0 -3.7 LZ M_S = 3.6 16.0 0.17</p>					<p>NJ2 12.8 351 +P 22 58 37.5 -0.6 GYA 15.1 301 P 22 59 09.8 2.0 TIA 17.2 349 eP 22 59 37.4 2.9 LZ M_S = 3.7 25.0 0.53 KMI 17.9 292 eP 22 59 49.0 4.6 eS 23 03 06.0 5.0 LE M_S = 4.5 14.0 1.30 LZ M_S = 4.6 16.0 2.10</p>				
<p>TIY 21.0 44 eP 14 51 32.5 -1.5 S 14 55 25.0 7.0 LZ M_S = 4.0 20.0 0.63</p>					<p>XAN 18.2 326 P 22 59 50.0 2.4 CD2 19.4 310 P 23 00 02.4 0.2 sP 23 00 16.0 1.7 eS 23 03 38.0 3.6 LZ M_S = 4.5 9.0 0.90 TIY 19.8 339 eP 23 00 07.4 1.2 sS 23 03 58.0 4.0 LN M_S = 4.7 13.0 1.50 LZ M_S = 4.4 20.0 1.50</p>				
<p>KSH 22.2 320 eP 14 51 48.5 1.8 eS 14 55 49.0 6.6 TIA 23.4 52 eP 14 51 56.8 -0.9 BJI 24.7 43 eP 14 52 13.5 3.1 sS 14 56 49.0 -2.8 SSE 25.0 67 P 14 52 13.0 -0.3 PMZ m_b = 4.6 1.0 0.026 sS 14 57 00.0 3.1 LN M_S = 4.5 8.0 0.41 LZ M_S = 4.0 22.0 0.48</p>					<p>BJI 21.0 349 eP 23 00 20.0 0.8 eS 23 04 10.0 2.9 LZ M_S = 4.1 16.0 0.59 SNY 22.5 5 -P 23 00 35.3 1.5 S 23 04 32.0 -1.3 LN M_S = 4.3 18.0 0.59 LZ M_S = 4.3 16.0 0.76</p>				
<p>JUL 10d 18h 22m 29.1 ± 0.07s, SD2.06 / 26 39.12 N ± 1.23km, 75.18 E ± 1.10km, h27 ± 0.36km Tadzhikistan-Xinjiang border region (719) M_S 4.4 / 5, M_L 4.5 / 4, m_b 4.5 / 2,</p>					<p>LZH 22.5 321 eP 23 00 35.0 0.6 PMZ 3.0 0.16 sS 23 04 46.0 -3.0 LE M_S = 4.4 11.0 0.50 LZ M_S = 5.0 16.0 4.30</p>				
<p>KSH 0.7 55 iPg 18 22 43.0 0.8 Sg 18 22 53.0 0.9 LN 5.0 70.6 WMQ 10.5 59 P 18 25 00.5 -0.7 S 18 26 56.0 -2.6</p>									

GTA	55.7	30	LZ	$M_s=4.9$	27.0	1.40	NJ2	39.8	355	-P	17 43	59.6	0.8			
			eP	02 51	16.0	-1.1	CD2	42.6	335	eP	17 44	22.4	0.5			
			LE		$M_s=5.3$	11.0	0.79	XAN	43.6	343	P	17 44	30.2	0.0		
XAN	57.1	40	LZ	$M_s=5.0$	20.0	1.44	TIY	46.3	348	+P	17 44	50.6	-0.5			
			P	02 51	26.0	-1.0	DL2	46.4	359	eP	17 44	51.6	-0.5			
			S	02 59	23.0	4.7	LZH	47.2	339	P	17 44	59.0	1.0			
WHN	58.7	47	LN	$M_s=5.4$	15.0	1.24	BJI	48.0	353	eP	17 45	03.0	-1.0			
			LE			12.0	0.52	HHC	49.5	349	P	17 45	15.0	-0.7		
			eP	02 51	39.5	1.0	BTO	49.6	347	eP	17 45	15.4	-0.9			
TIY	61.6	39	pP				GTA	51.6	337	-P	17 45	31.6	0.2			
			S	02 59	42.0	2.0	MDJ	52.5	6	eP	17 45	36.5	-1.3			
			sS	02 59	51.0	-1.8	WMQ	60.4	331	-P	17 46	33.5	-0.4			
BTO	62.0	35	LE	$M_s=5.4$	20.0	1.72				PMZ	$m_b=4.3$	1.0	0.013			
			eP	02 51	56.8	-1.4				PcP	17 47	17.5	2.1			
			S	03 00	20.5	3.7				eS	17 54	25.0	-2.7			
NJ2	62.8	48	LN	$M_s=5.5$	14.0	0.97	JUL 12d 18h 43m $14.9 \pm 0.09s$, SD0.80 / 48									
			LE			13.0	0.91	19.09 S $\pm 2.31km$, 177.53 W $\pm 2.37km$, h572 $\pm 0.89km$								
			LZ		$M_s=5.2$	20.0	1.63	Fiji region (181)								
HHC	63.0	36	eP	02 52	01.0	0.1	QZH	76.0	303	+P	18 54	05.7	-0.3			
			sP	02 52	07.0	-3.8	SSE	77.1	309	eP	18 54	11.5	-0.5			
			eS	03 00	25.0	1.8	NJ2	79.3	309	-P	18 54	23.8	0.1			
SSE	64.1	50	LN	$M_s=5.3$	14.0	0.70	MDJ	79.6	325	eP	18 54	25.5	0.3			
			LE			14.0	0.70	DL2	81.0	316	eP	18 54	32.6	0.2		
			eP	02 52	04.2	-2.0	SNY	81.4	320	eP	18 54	34.4	-0.1			
BJI	65.3	39	eS	03 00	30.0	-3.2	CN2	81.5	322	-iP	18 54	34.5	-0.2			
			LN	$M_s=5.3$	13.0	0.58	WHN	82.0	306	+P	18 54	38.0	0.8			
			LE			13.0	0.55	TIA	82.7	312	eP	18 54	40.4	-0.3		
SNY	71.0	41	PP	02 54	32.0	4.9	BJI	85.2	315	eP	18 54	53.5	0.3			
			LN	$M_s=5.5$	15.0	0.90	TIY	86.7	312	-P	18 55	00.9	0.6			
			LE			14.0	1.20	XAN	87.6	307	P	18 55	05.2	0.4		
CN2	73.2	40	LZ	$M_s=5.0$	32.0	1.70	HHC	88.7	314	+P	18 55	10.6	0.7			
			eP	02 52	14.5	0.0	KMI	89.1	297	-P	18 55	13.0	1.1			
			LN	$M_s=5.4$	14.0	0.67	BTO	89.6	313	eP	18 55	14.2	0.0			
MDJ	76.2	40	LE			14.0	1.05	GTA	96.4	309	eP	18 55	44.8	-0.4		
			LZ	$M_s=5.0$	18.0	0.91	JUL 13d 00h 54m $21.3 \pm 0.09s$, SD2.06 / 15									
			eP	02 52	23.0	0.4	38.34 N $\pm 1.14km$, 72.79 E $\pm 1.00km$, h76 $\pm 0.53km$									
WHN	58.7	47	eS	03 01	05.0	0.5	Tadzhikistan (715)									
			eSKS	03 02	13.0	0.9	KSH	2.7	63	iP	00 55	09.0	4.9			
			LN	$M_s=5.1$	13.0	0.46				S	00 55	40.0	4.6			
GTA	55.7	30	LZ	$M_s=4.9$	20.0	0.79				LN			4.0	4.10		
			-P	02 52	57.2	-0.9	WMQ	12.5	59	P	00 57	16.3	-1.9			
			S	03 02	12.0	1.1	JUL 13d 02h 02m $22.7 \pm 0.09s$, SD0.96 / 68									
WHN	39.0	348	LZ	$M_s=5.0$	24.0	1.00	13.20 S $\pm 1.79km$, 167.25 E $\pm 2.91km$, h206 $\pm 0.89km$									
			eP	02 53	11.4	0.4	Vanuatu (New Hebrides) (186)									
			epP	02 53	16.6	-1.3	$m_b=5.2 / 10,$	QZH	60.7	309	eP	02 12	14.5	-0.6		
GTA	55.7	30	eS	03 02	39.0	1.7				PcP	02 12	58.5	2.2			
			LN	$M_s=5.3$	13.0	0.60	SSE	62.4	316	+P	02 12	26.0	-0.4			
			LE			13.0	0.40				PMZ	$m_b=5.2$	1.0	0.047		
GTA	55.7	30	LZ	$M_s=5.0$	22.0	1.00				PcP	02 13	04.0	0.9			
			eP	02 53	25.5	-2.9	NJ2	64.6	315	+P	02 12	37.2	-3.3			
			LZ	$M_s=5.0$	25.0	0.95				S	02 20	36.0	1.6			
GTA	55.7	30	eP	02 53	25.5	-2.9	QZN	65.0	298	eP	02 12	44.3	1.1			
			LN	$M_s=5.3$	13.0	0.60	WHN	66.9	312	+P	02 12	55.0	-0.4			
			LE			13.0	0.40				PcP	02 13	23.0	1.3		
GTA	55.7	30	LZ	$M_s=5.0$	22.0	1.00				eS	02 21	34.0	3.2			
			eP	02 53	25.5	-2.9	MDJ	66.9	332	eP	02 12	56.0	0.5			
			LZ	$M_s=5.0$	25.0	0.95	DL2	67.1	323	+P	02 12	56.0	-0.4			
GTA	55.7	30	eP	02 53	25.5	-2.9				PMZ	$m_b=5.6$	1.2	0.15			
			LN	$M_s=5.3$	13.0	0.60				S	02 21	34.0	2.6			
			LE			13.0	0.40	SNY	67.9	326	+P	02 13	01.6	-0.1		
GTA	55.7	30	LZ	$M_s=5.0$	22.0	1.00				TIA	68.2	318	eP	02 13	02.7	-0.7
			eP	02 53	25.5	-2.9				CN2	68.3	329	+iP	02 13	04.5	0.3
			LZ	$M_s=5.0$	25.0	0.95										
GTA	55.7	30	eP	02 53	25.5	-2.9										
			LN	$M_s=5.3$	13.0	0.60										
			LE			13.0	0.40									
GTA	55.7	30	LZ	$M_s=5.0$	22.0	1.00										
			eP	02 53	25.5	-2.9										
			LZ	$M_s=5.0$	25.0	0.95										
GTA	55.7	30	eP	02 53	25.5	-2.9										
			LN	$M_s=5.3$	13.0	0.60										
			LE			13.0	0.40									
GTA	55.7	30	LZ	$M_s=5.0$	22.0	1.00										
			eP	02 53	25.5	-2.9										
			LZ	$M_s=5.0$	25.0	0.95										
GTA	55.7	30	eP	02 53	25.5	-2.9										
			LN	$M_s=5.3$	13.0	0.60										
			LE			13.0	0.40									
GTA	55.7	30	LZ	$M_s=5.0$	22.0	1.00										
			eP	02 53	25.5	-2.9										
			LZ	$M_s=5.0$	25.0	0.95										
GTA	55.7	30	eP	02 53	25.5	-2.9										
			LN	$M_s=5.3$	13.0	0.60										
			LE			13.0	0.40									
GTA	55.7	30	LZ	$M_s=5.0$	22.0	1.00										
			eP	02 53	25.5	-2.9										
			LZ	$M_s=5.0$	25.0	0.95										
GTA	55.7	30	eP	02 53	25.5	-2.9										
			LN	$M_s=5.3$	13.0	0.60										
			LE			13.0	0.40									
GTA	55.7	30	LZ	$M_s=5.0$	22.0	1.00										
			eP	02 53	25.5	-2.9										
			LZ	$M_s=5.0$	25.0	0.95										
GTA	55.7	30	eP	02 53	25.5	-2.9										
			LN	$M_s=5.3$	13.0	0.60										
			LE			13.0	0.40									
GTA	55.7	30	LZ	$M_s=5.0$	22.0	1.00										
			eP	02 53	25.5	-2.9										
			LZ	$M_s=5.0$	25.0	0.95										
GTA	55.7	30	eP	02 53	25.5	-2.9										
			LN	$M_s=5.3$	13.0	0.60										
			LE			13.0	0.40									
GTA	55.7	30	LZ	$M_s=5.0$	22.0	1.00										
			eP	02 53	25.5	-2.9										
			LZ	$M_s=5.0$	25.0	0.95										
GTA	55.7	30	eP	02 53	25.5	-2.9										
			LN	$M_s=5.3$	13.0	0.60										
			LE			13.0	0.40									
GTA	55.7	30	LZ	$M_s=5.0$	22.0	1.00										
			eP	02 53	25.5	-2.9										
			LZ	$M_s=5.0$	25.0	0.95										
GTA	55.7	30	eP	02 53	25.5	-2.9										
			LN	$M_s=5.3$	13.0	0.60										
			LE			13.0	0.40									

		LZ		$M_s = 5.5$	26.0	1.30
SNY	125.6	37	ePKP	16 02 24.8	2.5	
MDJ	127.1	31	ePKP	16 02 24.5	-0.8	
SSE	129.6	50	PKP	16 02 32.0	1.9	
			PP	16 04 42.0	-1.4	
			SS	16 22 06.0	2.6	
			LE	$M_s = 5.4$	14.0	0.35
			LZ	$M_s = 5.3$	20.0	0.65

JUL 14d 17h 19m $43.2 \pm 0.14s$, SD1.98 / 25
 23.11 N $\pm 2.48km$, 121.79 E $\pm 2.71km$, h15 $\pm 2.18km$
 Taiwan region (243)
 $M_L 3.6 / 10$,

QZH	3.4	303	Pn	17 20 36.5	-0.2	
			SMN	$M_L = 3.3$	0.2	0.090
			SME		0.2	0.080
SSE	8.0	356	eP	17 21 43.0	1.5	
WHN	9.9	320	P	17 22 06.5	-2.4	
			eS	17 23 57.0	-4.3	
			SMN		1.0	0.050
QZN	11.9	252	eP	17 22 36.5	1.4	
GYA	14.1	287	P	17 23 06.2	0.7	
XAN	15.7	317	P	17 23 25.0	-0.6	
LZH	20.2	314	P	17 24 17.0	-3.9	

JUL 14d 20h 42m $45.8 \pm 0.13s$, SD1.17 / 92
 8.14 S $\pm 1.63km$, 125.26 E $\pm 2.07km$, h58 $\pm 0.21km$
 Timor (289)
 $M_s 6.4 / 50$, $m_B 6.7 / 52$, $m_b 6.6 / 20$,

QZN	31.0	331	+P	20 49 00.0	-0.2	
			PMZ	$m_B = 6.6$	8.0	8.80
			pP	20 49 15.5	1.8	
			PP	20 50 03.0	0.5	
			iS	20 54 00.0	0.9	
			SMN	$m_B = 6.5$	10.0	10.0
			SME		12.0	10.0
			sS	20 54 18.0	-4.9	
			SS	20 55 46.0	0.8	
			LE	$M_s = 6.2$	12.0	20.2
GZH	33.1	340	+P	20 49 19.0	-0.1	
			PMZ	$m_B = 6.6$	9.0	9.70
			S	20 54 37.0	4.8	
			LN	$M_s = 6.4$	12.0	27.5
			LE		10.0	7.50
			LZ	$M_s = 6.2$	32.0	66.9
QZH	33.5	349	+P	20 49 22.0	-0.3	
			PMZ	$m_B = 6.4$	4.0	2.31
			S	20 54 37.0	-0.8	
			SMN	$m_B = 6.5$	10.0	10.5
			SS	20 56 44.0	-0.4	
			ScS	20 59 40.0	0.9	
			LN	$M_s = 6.1$	12.0	11.1
			LE		12.0	11.2
			LZ	$M_s = 5.7$	20.0	15.6
GYA	38.8	333	+P	20 50 08.8	1.4	
			PMZ		3.0	6.80
			PP	20 51 43.0	2.6	
			PcP	20 52 18.0	0.8	
			S	20 55 58.0	-1.5	
			SMN	$m_B = 6.7$	9.0	8.80
			SME		9.0	11.3
			LN	$M_s = 6.3$	13.0	8.40
			LE		13.0	17.8
			LZ	$M_s = 6.0$	36.0	38.8
SSE	39.2	354	+P	20 50 10.0	-0.3	
			PMZ	$m_b = 6.3$	1.7	0.82
			PMZ	$m_B = 6.7$	12.0	16.1
			pP	20 50 22.0	-2.2	

		PP	20 51 50.0	5.5	
		PcS	20 56 05.0	-1.7	
		S	20 56 08.0	3.0	
		sS	20 56 26.0	-4.0	
		SS	20 58 54.0	1.3	
		LN	$M_B = 6.2$	13.0	8.65
		LE		14.0	12.1
		LZ	$M_s = 5.7$	22.0	11.6
KMI	39.7	327	+P	20 50 16.5	2.0
		PMZ	$m_B = 6.8$	4.0	5.90
		pP	20 50 33.0	4.9	
		PP	20 51 49.0	-0.7	
		iS	20 56 13.0	-0.4	
		LN	$M_s = 6.5$	15.0	33.0
		LE		16.0	10.8
		LZ	$M_s = 6.5$	30.0	108
WHN	39.9	345	+iP	20 50 18.0	2.3
		PMZ	$m_b = 6.6$	1.5	1.29
		PMZ	$m_B = 6.9$	8.0	15.3
		sP	20 50 39.0	3.1	
		iS	20 56 16.0	0.3	
		SMN		14.0	2.46
		SME		9.0	6.75
		sS	20 56 42.0	2.2	
		LE	$M_s = 6.5$	16.0	36.2
		LZ	$M_s = 6.2$	20.0	38.3
NJ2	40.4	352	+iP	20 50 21.0	0.5
		PMZ	$m_B = 6.6$	5.0	4.97
		sP	20 50 42.0	1.3	
		S	20 56 26.0	2.7	
		SMN	$m_B = 6.6$	12.0	10.8
		SME		10.0	7.94
CD2	44.0	333	+iP	20 50 49.8	0.4
		pP	20 51 02.0	-1.4	
		sP	20 51 10.0	0.5	
		iS	20 57 17.0	0.7	
		LN	$M_s = 6.5$	14.0	24.7
		LZ	$M_s = 6.1$	14.0	16.0
XAN	44.7	341	+iP	20 50 55.0	-0.5
		pP	20 51 12.0	2.5	
		S	20 57 30.6	4.5	
		LN	$M_s = 6.4$	12.0	15.2
		LE		12.0	8.90
TIA	44.8	351	+P	20 50 55.3	-0.6
		PMZ	$m_B = 6.4$	9.0	4.97
		S	20 57 28.5	1.7	
		SMN	$m_B = 6.7$	8.0	7.48
		SME		8.0	6.50
		LZ	$M_s = 6.2$	40.0	56.3
DL2	46.9	356	+iP	20 51 12.0	-0.9
		PMZ	$m_B = 6.9$	8.0	12.8
		sP	20 51 35.0	1.9	
		S	20 58 00.0	2.5	
		LN	$M_s = 6.4$	12.0	5.44
		LE		14.0	17.0
		LZ	$M_s = 5.8$	42.0	23.8
TIY	47.2	346	iP	20 51 14.4	-0.5
		PMZ	$m_b = 6.3$	1.4	0.52
		PMZ	$m_B = 6.6$	8.0	6.60
		pP	20 51 32.0	3.1	
		S	20 58 02.0	1.1	
		LN	$M_s = 6.4$	14.0	20.0
		LZ	$M_s = 6.3$	18.0	28.2
LZH	48.4	337	P	20 51 25.5	0.9
		PMZ	$m_b = 7.0$	1.5	3.04
		PMZ	$m_B = 7.0$	7.0	12.6
		sP	20 51 44.0	-0.5	
		PP	20 53 22.0	6.1	

		LN		$M_s = 4.0$	12.0	1.26	GTA	102.5	308	eP	22 24 40.0	-0.2		
		LE			12.0	0.58	WMQ	112.6	309	PKP	22 29 17.0	-1.5		
		LZ		$M_s = 4.0$	13.0	1.34	KSH	119.6	301	ePKP	22 29 33.0	0.7		
NJ2	9.4	336	+P	22 29 39.2	-1.8									
		LZ		$M_s = 4.1$	12.0	1.22	JUL 17d 02h 26m $38.0 \pm 0.05s$, SD0.57 / 27 $53.54 N \pm 1.31km$, $169.39 W \pm 0.65km$, $h112 \pm 0.08km$ Fox Islands (9)							
WHN	10.7	313	eP	22 29 53.0	-5.0		BTO	53.5	291	eP	02 35 51.0	1.0		
TIY	17.0	329	eP	22 31 19.2	-2.4		TIY	54.1	287	eP	02 35 54.8	0.4		
		sP		22 31 30.5	-0.2		WHN	58.1	279	+P	02 36 22.7	-0.1		
		LN		$M_s = 4.5$	13.0	1.17	GTA	59.9	296	P	02 36 34.8	-0.6		
BJI	17.6	342	eP	22 31 30.0	1.0		WMQ	62.8	308	P	02 36 54.5	-0.2		
		LE			11.0	0.33	CD2	64.0	287	eP	02 37 03.2	0.7		
SNY	18.3	1	eP	22 31 43.0	5.1		GYA	65.7	282	P	02 37 14.0	0.6		
		eS		22 35 02.0	2.8		JUL 17d 07h 52m $05.6 \pm 0.14s$, SD3.04 / 12 $23.36 N \pm 1.34km$, $121.98 E \pm 2.02km$, $h21 \pm 2.18km$ Taiwan region (243) $M_L 3.7 / 9$,							
		LZ		$M_s = 4.2$	13.0	0.77	QZH	3.5	298	ePn	07 53 00.0	1.2		
CD2	18.9	297	eP	22 31 44.8	-0.5					SMN	$M_L = 3.6$	1.0	0.22	
CN2	20.4	4	eP	22 32 00.6	-0.8					SME		1.0	0.16	
		eS		22 35 42.0	-2.3		SSE	7.7	355	eP	07 54 06.0	6.0		
		LN		$M_s = 4.2$	12.0	0.40				SME	$M_L = 3.8$	1.2	0.027	
		LZ		$M_s = 4.2$	15.0	0.70	JUL 17d 08h 04m $49.6 \pm 0.08s$, SD1.44 / 17 $14.82 S \pm 2.90km$, $173.66 W \pm 1.65km$, $h36 \pm 0.25km$ Tonga (173)							
BTO	20.4	330	eP	22 32 04.0	1.8		CN2	80.5	320	eP	08 17 01.0	0.7		
		eS		22 35 50.0	4.0		SNY	80.7	318	eP	08 17 01.4	0.1		
		LN		$M_s = 4.6$	12.0	0.80	BJI	84.9	314	eP	08 17 24.0	1.1		
		LE			12.0	0.50	TIY	86.7	310	eP	08 17 33.0	1.2		
LZH	21.0	311	eP	22 32 09.0	0.5					LZ	$M_s = 5.2$	14.0	0.71	
		PMZ		$m_b = 4.6$	2.0	0.055	BTO	89.5	312	P	08 17 47.4	2.2		
GTA	25.5	314	eP	22 32 53.2	1.0		JUL 17d 15h 09m $27.6 \pm 0.16s$, SD2.75 / 26 $55.86 S \pm 4.04km$, $26.91 W \pm 5.73km$, $h29 \pm 0.81km$ South Sandwich Islands region (153)							
WMQ	35.6	314	eP	22 34 21.8	0.3		GTA	141.6	92	ePKP	15 28 53.6	-3.8		
		eS		22 39 54.7	-1.6		XAN	142.7	107	PKP	15 28 56.0	-3.3		
		LZ		$M_s = 4.3$	12.0	0.34	NJ2	146.3	121	-PKP	15 29 06.5	1.1		
JUL 16d 00h 11m $12.5 \pm 0.05s$, SD1.28 / 23 $11.46 N \pm 2.67km$, $126.14 E \pm 2.68km$, $h44 \pm 1.34km$ Leyte (256)							SSE	146.6	125	PKP	15 29 07.2	1.3		
NJ2	21.6	343	eP	00 16 02.5	2.0		TIY	147.4	107	ePKP	15 29 08.4	1.1		
WHN	21.9	332	eP	00 16 03.0	-0.9		BTO	148.1	100	PKP	15 29 11.4	2.9		
		pP		00 16 12.5	-2.1		TIA	148.7	114	ePKP	15 29 10.2	0.8		
GYA	23.6	312	P	00 16 20.2	-0.9		BJI	151.1	108	ePKP	15 29 18.0	5.0		
XAN	27.4	328	P	00 16 55.2	-1.5		CN2	158.6	113	ePKP	15 29 17.5	-5.8		
BJI	29.8	345	eP	00 17 16.0	-1.8		JUL 17d 21h 44m $40.5 \pm 0.13s$, SD1.27 / 39 $31.51 N \pm 1.66km$, $49.49 E \pm 1.42km$, $h43 \pm 0.62km$ Western Iran (347) $M_s 4.8 / 1$, $m_b 5.0 / 3$,							
GTA	36.3	325	eP	00 18 15.4	0.7		KSH	22.9	62	eP	21 49 43.0	1.0		
WMQ	46.2	321	P	00 19 35.6	0.0					eS	21 53 48.0	3.6		
JUL 16d 22h 10m $53.3 \pm 0.08s$, SD1.03 / 61 $29.89 S \pm 5.22km$, $178.50 W \pm 2.20km$, $h103 \pm 1.58km$ Kermadec Islands region (177) $m_b 5.6 / 10$,										LE	$M_s = 4.8$	9.0	0.90	
QZH	81.3	305	eP	22 22 58.5	-2.0		WMQ	32.4	57	P	21 51 08.5	-0.3		
SSE	83.4	311	-P	22 23 11.5	0.0					eS	21 56 21.0	2.2		
		PMZ		$m_b = 5.4$	0.8	0.048	GTA	41.3	65	+P	21 52 24.8	0.7		
GZH	84.0	301	+iP	22 23 14.0	-0.3					PMZ	$m_b = 4.7$	0.8	0.010	
QZN	84.4	296	P	22 23 16.8	0.6		LZH	44.9	69	eP	21 52 54.0	0.4		
NJ2	85.6	311	+iP	22 23 23.0	0.9		XAN	49.4	70	P	21 53 29.5	0.7		
		PMZ		$m_b = 5.5$	1.0	0.060	GYA	49.8	81	P	21 53 31.8	0.1		
WHN	87.7	307	-P	22 23 32.8	0.4		TIY	51.3	65	eP	21 53 43.2	-0.1		
		PMZ		$m_b = 5.5$	1.0	0.050	BJI	53.6	61	eP	21 53 58.0	-2.5		
MDJ	88.0	326	eP	22 23 32.5	-1.2		WHN	54.8	73	eP	21 54 09.5	0.3		
DL2	88.3	318	-P	22 23 35.0	-0.2		NJ2	58.0	70	+P	21 54 31.2	-0.5		
		PMZ		$m_b = 6.0$	1.4	0.22	CN2	59.4	55	eP	21 54 42.0	0.2		
SNY	89.1	321	-P	22 23 39.0	-0.1		SSE	60.2	70	eP	21 54 51.0	4.1		
		PMZ		$m_b = 5.6$	1.2	0.059								
TIA	89.3	313	eP	22 23 40.2	0.2									
GYA	90.9	300	P	22 23 48.4	0.6									
BJI	92.3	316	eP	22 23 54.0	0.2									
TIY	93.2	312	-P	22 23 57.7	-0.5									
XAN	93.5	307	P	22 24 00.0	0.7									
HHC	95.6	314	-P	22 24 09.8	0.8									
BTO	96.4	313	eP	22 24 13.0	0.2									



PMZ				$m_b = 5.3$	0.5	0.019							
<p>JUL 18d 09h 27m $36.4 \pm 0.10s$, SD1.62 / 18 $76.90 N \pm 1.81km$, $13.32 E \pm 1.54km$, $h10 \pm 0.05km$ Svalbard region (643)</p>													
WMQ	44.3	93	P	09 35 49.0	0.5								
			LZ		$M_S = 4.7$	14.0	0.60						
GTA	51.2	83	eP	09 36 43.0	0.2								
CN2	52.5	58	eP	09 36 52.0	-0.1								
			epP	09 36 56.7	-0.9								
<p>JUL 18d 10h 41m $12.9 \pm 0.11s$, SD1.07 / 71 $53.40 N \pm 2.09km$, $160.37 E \pm 1.88km$, $h33 \pm 0.21km$ Off east coast of Kamchatka (219) $M_S 5.0 / 18$, $m_b 5.1 / 1$, $m_b 5.2 / 11$,</p>													
MDJ	21.9	259	eP	10 46 04.5	-0.5								
			sP	10 46 20.0	2.1								
			S	10 49 58.0	-1.2								
			SS	10 50 36.0	-1.7								
CN2	24.8	261	+iP	10 46 32.4	-1.1								
			PMZ		$m_b = 5.1$	4.0	0.30						
			pP	10 46 42.0	-0.3								
			eS	10 50 50.0	-1.3								
			LE		$M_S = 4.8$	16.0	1.70						
			LZ		$M_S = 5.0$	18.0	3.80						
SNY	27.1	260	+P	10 46 53.9	-0.8								
			eS	10 51 26.0	-2.9								
			sS	10 51 40.0	-3.9								
			LN		$M_S = 4.9$	15.0	1.14						
			LE			16.0	1.08						
			LZ		$M_S = 4.9$	20.0	3.50						
DL2	30.1	257	eP	10 47 20.8	-1.0								
			eS	10 52 13.0	-4.1								
			LN		$M_S = 5.1$	17.0	2.27						
			LZ		$M_S = 4.8$	22.0	2.55						
BJI	32.6	264	eP	10 47 43.0	-0.7								
			eS	10 52 56.0	-0.1								
			eScS	10 58 08.0	0.6								
			LN		$M_S = 4.9$	16.0	1.26						
			LZ		$M_S = 4.7$	20.0	1.58						
TIA	34.5	258	eP	10 47 59.6	-1.1								
HHC	34.8	269	-P	10 48 03.5	0.2								
			LN		$M_S = 5.3$	15.0	1.90						
			LE			15.0	1.40						
			LZ		$M_S = 4.9$	26.0	2.70						
BTO	35.9	270	eP	10 48 12.0	-0.5								
			sP	10 48 25.0	-0.5								
			PP	10 49 35.0	1.3								
			eS	10 53 49.0	1.0								
			LN		$M_S = 5.3$	17.0	1.70						
			LE			20.0	2.70						
SSE	35.9	247	eP	10 48 13.0	0.4								
			PMZ		$m_b = 5.0$	1.0	0.024						
			pP	10 48 21.8	0.0								
			eS	10 53 54.0	5.8								
			LE		$M_S = 4.7$	11.0	0.48						
			LZ		$M_S = 4.6$	20.0	0.93						
TIY	36.3	264	eP	10 48 16.3	0.5								
			pP	10 48 27.0	2.1								
			ScP	10 54 24.5	2.0								
			LN		$M_S = 5.1$	17.0	1.28						
			LE			15.0	0.92						
			LZ		$M_S = 4.9$	20.0	2.00						
NJ2	36.5	251	-P	10 48 17.6	0.1								
			PcP	10 50 41.2	0.6								
			LZ		$M_S = 4.8$	21.0	1.86						
WHN	40.2	254	eP	10 48 46.5	-1.9								
			PMZ		$m_b = 5.5$	0.7	0.050						
XAN	40.9	263	PcP							10 50 53.0	0.9		
LZH	42.5	269	+P							10 48 54.0	0.0		
										10 49 08.0	0.5		
			PMZ		$m_b = 5.3$						1.5	0.677	
			LE		$M_S = 4.9$						11.0	0.50	
			LZ		$M_S = 5.0$						20.0	2.20	
GTA	42.7	276	+iP							10 49 09.8	0.4		
			PMZ		$m_b = 5.5$						0.6	0.042	
			LN		$M_S = 5.0$						13.5	0.94	
			LZ		$M_S = 4.9$						16.0	1.17	
CD2	46.2	264	eP							10 49 36.4	-0.4		
WMQ	47.0	289	+iP							10 49 44.8	1.2		
			ScP							10 55 06.0	1.0		
			ScS							10 59 32.2	0.3		
			LE		$M_S = 5.3$						15.0	1.57	
			LZ		$M_S = 5.3$						28.0	4.50	
GYA	47.7	258	-P							10 49 49.4	0.2		
			sP							10 50 03.6	1.3		
			PcP							10 51 19.0	1.3		
			S							10 56 41.0	-0.4		
QZN	51.7	249	P							10 50 22.1	2.6		
LSA	54.6	273	eP							10 50 42.2	0.9		
KSH	56.5	293	eP							10 50 55.0	0.3		
			eS							10 58 43.0	0.5		
<p>JUL 18d 18h 35m $40.3 \pm 0.06s$, SD1.13 / 17 $5.64 S \pm 0.66km$, $146.35 E \pm 0.78km$, $h59 \pm 0.27km$ New Guinea (202) $m_b 4.7 / 1$,</p>													
SSE	43.7	328	iP							18 43 42.0	0.0		
			PMZ		$m_b = 4.7$						1.0	0.012	
CN2	52.7	341	-P							18 44 52.4	0.7		
CD2	54.6	314	eP							18 45 04.7	-0.7		
GTA	62.1	320	eP							18 45 57.2	-0.6		
<p>JUL 18d 19h 20m $15.6 \pm 0.10s$, SD0.68 / 55 $51.31 N \pm 2.37km$, $176.77 W \pm 1.08km$, $h33 \pm 0.05km$ Andreanof Islands (7) $M_S 5.0 / 8$, $m_b 5.2 / 2$,</p>													
MDJ	35.8	281	eP							19 27 14.7	0.1		
			PP							19 28 42.0	6.3		
			LZ		$M_S = 4.6$						20.0	1.15	
CN2	38.8	282	eP							19 27 40.0	0.5		
			LN		$M_S = 4.6$						15.0	0.40	
			LZ		$M_S = 4.5$						15.0	0.60	
SNY	41.0	281	+P							19 27 57.8	-0.2		
			eS							19 34 13.0	4.6		
			LZ		$M_S = 4.7$						22.0	1.06	
BJI	46.6	283	eP							19 28 43.0	-0.1		
			eS							19 35 31.0	1.5		
			esS							19 35 48.0	2.9		
			eSS							19 38 51.0	3.4		
			LZ		$M_S = 4.6$						16.0	0.59	
TIA	48.4	279	eP							19 28 57.5	0.2		
HHC	48.9	287	eP							19 29 01.7	0.5		
SSE	49.3	271	eP							19 29 04.5	0.8		
			PMZ		$m_b = 4.9$						1.0	0.017	
			eS							19 36 10.0	3.3		
			sS							19 36 24.0	1.6		
			LZ		$M_S = 4.5$						20.0	0.47	
BTO	50.0	288	P							19 29 11.0	1.5		
			pP							19 29 20.0	1.2		
			S							19 36 20.0	4.0		
			LN		$M_S = 5.2$						15.0	0.80	
			LE								15.0	0.80	
NJ2	50.1	273	+P							19 29 10.0	0.0		
			LZ		$M_S = 4.6$						18.0	0.60	
TIY	50.4												



	S	19 36 24.0	3.1						WHN	71.0 312	eP	24 03 57.5	3.1		
	LN	$M_s = 5.0$	15.0	0.69					GYA	74.6 305	P	24 04 20.0	4.1		
	LZ	$M_s = 4.9$	18.0	1.22					BJI	75.5 321	eP	24 04 18.0	-2.5		
WHN	53.9 275	P	19 29 38.5	-0.3							LZ	$M_g = 4.5$	24.0	0.32	
	pP	19 29 47.5	-0.9						TIY	76.4 317	eP	24 04 25.0	-1.0		
XAN	54.9 282	P	19 29 45.2	-1.0							LZ	$M_g = 4.8$	20.0	0.50	
LZH	56.6 288	+P	19 29 58.5	-0.1					XAN	76.8 312	P	24 04 27.2	-0.8		
	PMZ	$m_b = 5.5$	2.0	0.14					HHC	78.8 319	eP	24 04 38.4	-0.8		
	LE	$M_s = 5.0$	16.0	0.60					BTO	79.6 318	eP	24 04 43.2	-0.5		
	LZ	$M_s = 5.1$	18.0	1.50					LZH	81.4 312	eP	24 04 53.0	-0.3		
GTA	56.8 293	+iP	19 29 59.2	-0.4							PMZ	$m_b = 5.5$	2.5	0.14	
	LE	$M_s = 5.1$	15.0	0.71					GTA	85.8 313	eP	24 05 15.2	-0.2		
	LZ	$M_s = 5.1$	16.0	1.17					WMQ	95.8 314	P	24 06 01.2	-1.3		
CD2	60.2 283	eP	19 30 23.7	0.1					JUL 19d 03h 14m 09.2 ± 0.10s, SD1.06 / 60						
WMQ	60.4 304	P	19 30 24.5	-0.6					7.27 S ± 1.38km, 154.39 E ± 1.91km, h50 ± 0.65km						
	eS	19 38 34.0	-2.8						New Britain region (192)						
	LZ	$M_s = 4.9$	28.0	1.39					$m_b 5.4 / 4,$						
GYA	61.6 278	P	19 30 32.6	-0.3					NJ2	51.7 321	+P	03 23 15.8	1.6		
KSH	69.6 308	eP	19 31 24.5	0.3					WHN	53.7 316	+P	03 23 30.2	1.3		
	eS	19 40 30.0	0.7								sP	03 23 46.5	-0.5		
JUL 18d 20h 13m 12.9 ± 0.11s, SD0.98 / 12															
51.36 N ± 0.79km, 177.38 W ± 0.96km, h31 ± 1.04km															
Andreasof Islands (7)															
BJI	46.3 283	eP	20 21 37.0	-0.7					DL2	55.1 329	eP	03 23 38.2	-0.7		
BTO	49.6 287	eP	20 22 05.7	1.5					TIA	55.6 324	-P	03 23 42.1	-0.8		
GTA	56.4 293	eP	20 22 53.4	-1.1					MDJ	56.3 339	eP	03 23 46.5	-1.0		
CD2	59.9 283	eP	20 23 19.4	0.8					SNY	56.4 333	eP	03 23 47.2	-1.2		
JUL 18d 21h 01m 27.5 ± 0.10s, SD0.95 / 30															
50.98 N ± 1.12km, 176.60 W ± 0.84km, h41 ± 0.95km															
Andreasof Islands (7)															
$m_b 5.1 / 1,$															
SNY	41.2 281	+P	21 09 11.2	0.7					GYA	57.1 308	P	03 23 54.8	0.9		
BJI	46.8 284	eP	21 09 56.0	0.3					CN2	57.2 335	eP	03 23 53.0	-1.0		
BTO	50.2 288	eP	21 10 23.0	0.8					BJI	58.8 326	eP	03 24 05.0	-0.4		
TIY	50.5 284	eP	21 10 25.0	0.3					TIY	59.4 322	eP	03 24 07.7	-2.1		
WHN	54.1 276	eP	21 10 50.2	-0.7							eS	03 32 12.0	-1.5		
XAN	55.1 283	P	21 10 57.0	-1.5					XAN	59.5 317	P	03 24 10.0	-0.1		
LZH	56.8 288	eP	21 11 11.0	-0.1					CD2	61.5 311	P	03 24 24.6	0.5		
	PMZ	$m_b = 5.1$	1.5	0.038					BTO	62.7 323	eP	03 24 32.0	0.0		
GTA	57.0 293	+iP	21 11 11.1	-1.2					LZH	64.1 316	eP	03 24 41.5	0.4		
CD2	60.4 284	P	21 11 37.0	1.1							PMZ	$m_b = 5.1$	1.5	0.038	
GYA	61.7 278	P	21 11 44.4	-0.6					GTA	68.5 317	-iP	03 25 10.5	1.2		
JUL 18d 21h 24m 01.0 ± 0.14s, SD0.94 / 31															
30.99 N ± 1.12km, 49.65 E ± 1.10km, h41 ± 0.76km															
Western Iran (347)															
KSH	23.0 61	eP	21 29 05.0	1.2					WMQ	78.6 317	P	03 26 08.6	0.4		
		eS	21 33 10.0	2.7							S	03 36 05.2	7.0		
WMQ	32.5 56	P	21 30 31.0	0.2					KSH	85.8 311	eP	03 26 47.5	2.2		
		eS	21 35 42.7	0.5							eS	03 37 18.5	5.5		
		LZ	$M_s = 4.0$	20.0	0.28				JUL 19d 04h 44m 54.7 ± 0.08s, SD0.79 / 26						
GTA	41.4 64	+P	21 31 46.5	0.9					6.93 S ± 0.62km, 130.14 E ± 2.00km, h32 ± 0.23km						
LZH	45.0 68	eP	21 32 15.0	0.3					Banda Sea (280)						
BTO	49.0 61	eP	21 32 47.4	0.8					$m_b 5.1 / 1,$						
XAN	49.5 70	P	21 32 49.6	-0.2					WHN	40.2 339	-P	04 52 32.0	1.6		
GYA	49.7 80	P	21 32 51.2	-0.8					GYA	40.3 326	P	04 52 31.4	0.6		
TIY	51.4 64	eP	21 33 04.8	0.1					XAN	45.4 335	P	04 53 12.6	-0.3		
BJI	53.8 61	eP	21 33 21.5	-0.6					BJI	48.5 346	eP	04 53 37.0	0.2		
WHN	54.8 73	eP	21 33 29.5	-0.5					LZH	49.4 332	eP	04 53 44.0	-0.2		
CN2	59.6 54	eP	21 34 03.0	-0.7							PMZ	$m_b = 5.1$	1.6	0.040	
		epP	21 34 13.0	-1.8					MDJ	51.3 359	eP	04 53 58.5	0.0		
JUL 18d 23h 52m 36.7 ± 0.26s, SD1.79 / 22															
17.58 S ± 0.47km, 168.92 E ± 3.04km, h30 ± 1.67km															
Vanuatu (New Hebrides) (186)															
$m_b 5.5 / 1,$															
JUL 19d 21h 10m 48.6 ± 0.12s, SD2.74 / 20															
29.42 N ± 1.17km, 105.65 E ± 1.12km, h15 ± 0.16km															
Sichuan Province (307)															
$M_s 3.8 / 2, M_L 3.7 / 9,$															
CD2	2.2 313	Pg	21 11 25.4	-2.4					GTA	54.0 331	P	04 54 18.4	-0.2		
		Sg	21 11 55.1	-2.9					WMQ	63.4 327	-P	04 55 24.0	-0.1		
		SMN	$M_L = 3.7$	0.7	0.48				JUL 19d 21h 10m 48.6 ± 0.12s, SD2.74 / 20						
		SME		0.5	0.50				29.42 N ± 1.17km, 105.65 E ± 1.12km, h15 ± 0.16km						
		LN		3.0	2.80				Sichuan Province (307)						
GYA	3.1 163	Pn	21 11 38.8	1.5					$M_s 3.8 / 2, M_L 3.7 / 9,$						
		Sn	21 12 15.6	-0.1					CD2 2.2 313 Pg 21 11 25.4 -2.4						
		SMN	$M_L = 3.7$	1.0	0.24				Sg 21 11 55.1 -2.9						
		SME		1.0	0.31				SMN $M_L = 3.7$ 0.7 0.48						

			LN		$M_s = 3.6$	4.0	0.41
			LE			4.0	0.76
XAN	5.4	30	Pn	21 12	10.7	1.8	
			Sn	21 13	13.0	0.3	
			SMN		$M_L = 3.9$	1.0	0.13
			SME			1.0	0.13
			LN		$M_s = 3.9$	6.0	0.64
			LE			6.0	0.63
WHN	7.6	79	ePn	21 12	42.1	2.4	
			Sn	21 14	06.8	-1.5	
			SMN		$M_L = 3.6$	1.0	0.020
GTA	11.1	336	eP	21 13	28.0	-1.9	
BTO	11.7	17	eP	21 13	36.0	-2.6	
CN2	21.3	42	eP	21 15	38.0	0.3	

JUL 20d 00h 52m $15.4 \pm 0.06s$, SD1.90 / 9
 43.37 N $\pm 0.68km$, 87.66 E $\pm 0.52km$, h28 $\pm 0.12km$
 Northern Xinjiang Province (332)
 $M_L 3.6 / 6$,

WMQ	0.4	5	Pg	00 52	25.2	0.7	
			Sg	00 52	32.0	0.6	
GTA	10.0	109	eP	00 54	37.4	-2.6	

JUL 20d 04h 41m $58.5 \pm 0.06s$, SD0.89 / 87
 4.42 N $\pm 0.85km$, 126.67 E $\pm 1.34km$, h62 $\pm 0.27km$
 Talaud Islands (263)
 $M_s 4.5 / 1$, $m_b 5.3 / 6$,

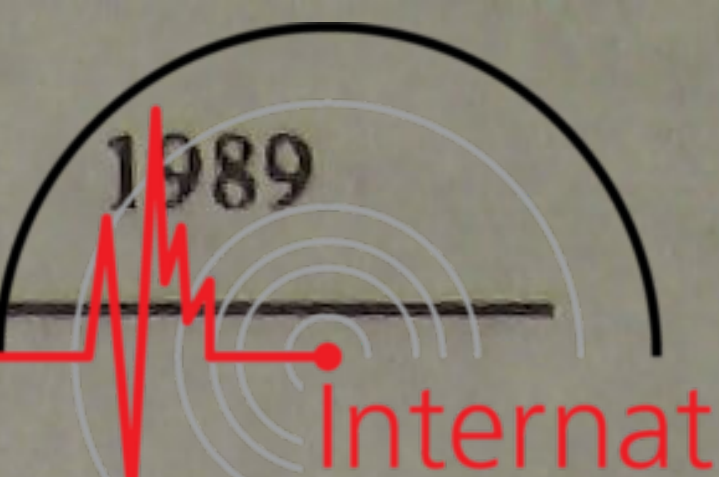
QZH	21.8	340	eP	04 46	48.0	0.5	
QZN	21.9	313	eP	04 46	49.0	0.6	
GZH	22.6	326	-P	04 46	53.4	-1.5	
SSE	27.0	350	P	04 47	38.0	0.8	
			PMZ		$m_b = 5.1$	1.2	0.054
			sP	04 48	02.2	4.0	
			sS	04 52	32.0	-1.1	
			LZ		$M_s = 4.2$	20.0	0.65
NJ2	28.4	346	+P	04 47	51.0	1.0	
WHN	28.5	337	P	04 47	50.5	0.4	
			pP	04 48	07.5	3.1	
GYA	29.1	321	-P	04 47	56.0	0.1	
			PcP	04 51	03.4	1.7	
KMI	30.9	314	+P	04 48	13.0	1.4	
TIA	32.8	346	eP	04 48	28.2	-0.5	
XAN	33.8	333	+iP	04 48	35.5	-1.4	
CD2	34.1	323	+iP	04 48	38.3	-1.0	
DL2	34.6	353	eP	04 48	45.4	1.2	
			PMZ		$m_b = 5.5$	1.0	0.080
TIY	35.6	340	-iP	04 48	52.3	-0.2	
			LN		$M_s = 4.5$	10.0	0.25
			LZ		$M_s = 4.6$	22.0	1.04
BJI	36.7	346	eP	04 49	02.0	0.3	
SNY	37.3	356	+P	04 49	07.8	0.7	
			PMZ		$m_b = 5.4$	0.8	0.054
			eS	04 54	55.0	5.3	
LZH	37.9	329	+P	04 49	12.0	0.2	
			PMZ		$m_b = 5.5$	1.0	0.082
			LZ		$M_s = 4.4$	24.0	0.80
HHC	38.7	342	P	04 49	19.6	0.8	
BTO	39.0	340	eP	04 49	21.0	-0.1	
MDJ	40.1	3	eP	04 49	29.4	-0.8	
LSA	41.9	311	P	04 49	46.8	1.1	
GTA	42.5	329	+iP	04 49	49.6	-0.2	
			LZ		$M_s = 4.5$	20.0	0.60
WMQ	52.1	325	-iP	04 51	05.0	-0.2	
			PcS	04 56	13.7	1.7	
			S	04 58	20.0	-1.7	
			LZ		$M_s = 4.5$	22.0	0.50
KSH	57.5	315	P	04 51	44.5	-0.3	
			eS	04 59	34.5	-1.4	

JUL 20d 04h 53m $20.1 \pm 0.08s$, SD1.11 / 35 2.88 N $\pm 1.20km$, 99.12 E $\pm 0.65km$, h186 $\pm 1.15km$ Northern Sumatera (706) $m_b 4.8 / 1$,							
QZN	19.2	32	P	04 57	33.4	1.5	
GYA	24.5	16	P	04 58	25.2	0.7	
LSA	27.7	345	P	04 58	53.5	-0.6	
CD2	28.2	8	eP	04 58	57.8	-0.4	
XAN	32.3	15	+P	04 59	32.5	-1.7	
LZH	33.3	7	eP	04 59	42.0	-1.0	
GTA	36.4	1	eP	05 00	09.1	0.5	
BJI	40.1	20	eP	05 00	39.5	0.1	
WMQ	42.0	348	+iP	05 00	56.0	0.8	
			S	05 07	00.5	1.7	
			ScS	05 10	38.0	3.5	

JUL 20d 06h 27m $30.2 \pm 0.13s$, SD1.24 / 91 4.98 N $\pm 1.69km$, 95.72 E $\pm 1.54km$, h136 $\pm 0.37km$ Northern Sumatera (706) $m_b 5.9 / 12$, $m_b 5.7 / 23$,							
QZN	19.6	43	+iP	06 31	51.5	1.1	
			PMZ			3.0	1.94
			pP	06 32	14.0	-3.1	
			PP	06 32	18.0	2.7	
			iS	06 35	21.0	1.5	
			SMN		$m_b = 5.9$	9.0	3.40
KMI	21.1	18	+iP	06 32	07.5	1.5	
			pP	06 32	33.0	-2.8	
			sP	06 32	52.0	3.1	
			S	06 35	54.0	6.8	
			sS	06 36	37.0	1.1	
			LE			11.0	2.10
GYA	23.8	25	+P	06 32	32.6	0.9	
			PMZ		$m_b = 5.1$	1.2	0.10
			PMZ			3.0	2.70
			PP	06 33	05.0	-6.1	
			PcP	06 36	14.0	1.6	
			S	06 36	37.0	3.6	
			sS	06 37	28.0	4.6	
			PcS	06 39	52.8	2.4	
			ScS	06 43	26.6	4.5	
GZH	24.8	42	+P	06 32	40.0	-0.9	
			pP	06 33	14.0	5.3	
			sS	06 37	44.0	4.3	
			LN			10.0	1.57
			LE			9.0	1.39
LSA	25.0	351	+iP	06 32	43.0	-0.3	
			pP	06 33	12.0	1.4	
			sP	06 33	28.9	2.0	
			S	06 36	59.0	5.6	
			LE			12.0	0.89
CD2	26.9	15	+iP	06 33	00.0	-0.6	
			LE			10.0	2.68
QZH	29.6	46	-P	06 33	26.5	1.5	
WHN	30.9	32	+iP	06 33	37.0	0.6	
			PMZ		$m_b = 5.9$	1.2	0.26
			pP	06 34	07.5	2.3	
			PcP	06 36	30.6	1.3	
XAN	31.4	21	+iP	06 33	39.5	-1.4	
			pP	06 34	12.0	2.3	
			S	06 38	40.0	3.5	
			LN			10.0	0.88
			LE			10.0	1.09
LZH	31.8	13	+P	06 33	43.5	-1.4	
			PMZ		$m_b = 5.9$	2.0	0.47
			PMZ			3.0	1.20
			pP	06 34	14.0	0.4	



			PP	06 34 55.0	0.5				DL2	41.1	31	+P	06 35 03.5	0.7		
			PcS	06 40 17.0	1.9							PMZ	$m_b = 6.0$			
			ScS	06 44 03.0	4.7							pP	06 35 35.0	2.1		
			LE			12.0	1.00					S	06 41 09.0	4.2		
			LZ			40.0	2.20					LE			14.0	1.35
GTA	34.5	6	+iP	06 34 06.3	-1.1							LZ			30.0	0.40
			PMZ	$m_b = 5.9$		1.6	0.31		SNY	44.3	30	+iP	06 35 28.6	0.0		
			pP	06 34 36.0	-0.7							PMZ	$m_b = 6.0$		1.4	0.35
			PcP	06 36 40.8	1.6							pP	06 36 00.0	1.2		
			S	06 39 31.0	6.9							S	06 41 51.0	0.0		
			ScS	06 44 16.8	4.9							LZ			14.0	1.29
NJ2	34.6	36	+P	06 34 08.6	0.6				CN2	46.7	30	+iP	06 35 47.4	-0.1		
			pP	06 34 32.0	-5.4							PMZ	$m_b = 5.8$		4.0	0.70
			PcP	06 36 40.8	1.3							PcP	06 37 19.0	0.3		
			ScP	06 40 15.0	4.5							ScP	06 41 00.0	2.2		
SSE	35.3	40	+P	06 34 15.6	1.2							S	06 42 25.0	0.1		
			PMZ	$m_b = 5.5$		1.5	0.16					LN			13.0	0.60
			pP	06 34 47.0	3.0							LZ			18.0	0.60
			PP	06 35 34.0	-2.5				MDJ	49.4	32	+P	06 36 08.6	0.4		
			PcP	06 36 43.3	1.6							pP	06 36 41.0	2.0		
			eS	06 39 40.0	2.0							S	06 43 04.0	1.5		
			ScP	06 40 17.5	4.3							LN			14.0	0.72
			LZ			20.0	0.75					LZ			14.0	1.33
TIY	36.0	23	+iP	06 34 20.0	-0.1				JUL 20d 12h 09m $53.0 \pm 0.13s$, $SD0.81 / 59$ $18.77 S \pm 1.97km$, $175.43 W \pm 1.55km$, $h240 \pm 0.63km$ Tonga (173) $m_b 5.6 / 1$, $m_b 5.5 / 15$,							
			PMZ	$m_b = 5.7$		1.6	0.24		QZH	77.5	302	-P	12 21 24.0	-0.5		
			pP	06 34 53.0	3.4				SSE	78.5	308	P	12 21 29.0	-0.7		
			PcS	06 40 31.0	1.3							PMZ	$m_b = 5.4$		1.0	0.079
			sS	06 40 40.0	0.3				MDJ	80.5	324	eP	12 21 40.4	-0.2		
			LN			13.0	1.08		NJ2	80.7	308	-P	12 21 41.4	0.0		
			LE			15.0	1.60					PMZ	$m_b = 5.5$		1.0	0.10
			LZ			20.0	2.00		DL2	82.2	315	-iP	12 21 49.0	-0.1		
TIA	36.8	30	+P	06 34 26.8	0.0							PMZ	$m_b = 5.5$		1.6	0.17
			PcP	06 36 47.0	1.0				CN2	82.4	321	-iP	12 21 50.0	-0.6		
			LN			12.0	0.79					S	12 31 48.0	6.6		
			LE			12.0	0.95		SNY	82.5	319	-iP	12 21 50.5	-0.2		
BTO	37.7	18	+iP	06 34 35.0	0.3							PMZ	$m_b = 5.4$		1.8	0.14
			pP	06 35 06.0	1.6				WHN	83.4	305	-iP	12 21 56.0	0.6		
			PP	06 36 08.0	2.7							PMZ	$m_b = 5.7$		1.5	0.25
			eS	06 40 15.0	0.1							S	12 31 51.0	6.5		
			LN			12.0	1.30		TIA	83.9	311	-P	12 21 57.8	-0.3		
			LE			13.0	0.80		BJI	86.4	314	-P	12 22 10.5	0.3		
HHC	38.4	19	+iP	06 34 42.0	1.2							esP	12 23 33.0	0.8		
			pP	06 35 15.0	4.5							eS	12 32 22.0	-2.4		
			PP	06 36 20.0	6.3							esS	12 34 04.0	-0.3		
			sS	06 41 20.0	2.3				GYA	87.9	299	-P	12 22 18.4	0.8		
			LN			10.0	0.50		TIY	88.0	311	-iP	12 22 18.0	0.3		
			LE			11.0	0.50					PMZ	$m_b = 5.6$		1.3	0.15
KSH	38.8	335	+iP	06 34 43.0	-0.5							sP	12 23 39.0	-0.7		
			pP	06 35 13.0	-0.2							eS	12 32 37.0	-2.2		
			PP	06 36 17.0	-0.6							sS	12 34 19.0	-1.4		
			S	06 40 30.0	0.5				XAN	89.0	306	P	12 22 23.4	0.6		
			SME	$m_b = 6.3$		5.0	3.00		KMI	90.7	296	-P	12 22 32.5	1.6		
			LE			9.0	1.20		CD2	91.9	302	eP	12 22 36.5	0.3		
WMQ	39.3	351	+iP	06 34 47.0	-1.0				LZH	93.7	307	-P	12 22 45.0	0.7		
			PMZ	$m_b = 6.0$		2.0	0.57					PMZ	$m_b = 5.6$		1.5	0.12
			pP	06 35 18.0	0.2				GTA	97.8	309	eP	12 23 03.1	0.1		
			S	06 40 38.2	0.4				JUL 20d 17h 22m $20.3 \pm 0.06s$, $SD0.72 / 45$ $17.32 S \pm 0.89km$, $167.99 E \pm 2.00km$, $h36 \pm 0.27km$ Vanuatu (New Hebrides) (186) $m_b 5.1 / 1$,							
			SME	$m_b = 5.6$		4.0	0.47									
			LZ			36.0	2.41									
BJI	39.5	25	+P	06 34 51.0	1.8											
			PMZ	$m_b = 6.0$		4.0	1.22									
			pP	06 35 21.0	1.9											
			PP	06 36 28.0	2.5											
			ScP	06 40 33.0	4.3											
			eS	06 40 43.0	2.0											
			ScS	06 44 43.0	3.0											
			LE			15.0	1.17									
			LZ			20.0	0.91									



NJ2	68.0	316	+P	17 33 18.4	-0.2		
WHN	70.2	312	eP	17 33 32.3	0.3		
DL2	70.8	323	eP	17 33 36.4	0.8		
MDJ	70.9	332	eP	17 33 37.0	0.7		
CN2	72.2	329	P	17 33 44.0	-0.2		
GYA	73.8	305	P	17 33 54.0	0.5		
BJI	74.7	321	eP	17 33 58.5	-0.3		
TIY	75.6	318	eP	17 34 04.5	0.3		
			sS	17 43 55.0	-3.8		
			LZ	$M_s=5.0$		20.0	0.75
XAN	75.9	313	P	17 34 05.6	-0.4		
KMI	76.3	302	-P	17 34 08.5	0.5		
HHC	78.0	320	eP	17 34 17.5	-0.1		
CD2	78.1	308	eP	17 34 19.0	0.7		
BTO	78.8	319	eP	17 34 23.0	0.9		
LZH	80.6	312	eP	17 34 32.0	0.4		
			PMZ	$m_b=5.1$		2.0	0.046
GTA	85.0	314	eP	17 34 54.2	0.1		
WMQ	95.0	314	P	17 35 40.4	-1.1		

JUL 21d 02h 22m 58.9±0.15s, SD1.26 / 23
16.83 S±2.06km, 167.70 E±2.10km, h34±0.35km
Vanuatu (New Hebrides) (186)

WHN	69.6	312	eP	02 34 06.5	-1.1		
MDJ	70.3	332	eP	02 34 11.5	-0.2		
CN2	71.6	329	P	02 34 19.2	-0.5		
GYA	73.2	305	P	02 34 29.8	0.5		
BJI	74.1	321	eP	02 34 34.0	-0.4		
TIY	75.1	318	eP	02 34 44.3	4.4		
XAN	75.4	313	P	02 34 41.8	0.0		
LZH	80.0	312	eP	02 35 08.0	0.4		
WMQ	94.5	314	P	02 36 17.7	-0.1		

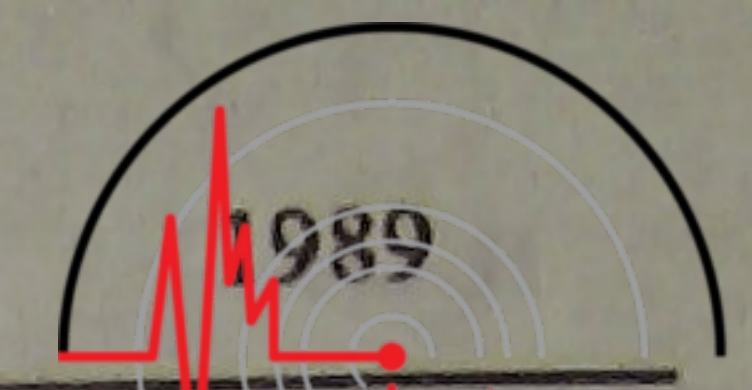
JUL 21d 03h 09m 13.6±0.10s, SD1.98 / 89
29.99 N±0.93km, 99.49 E±0.99km, h13±0.12km
Tibet (306)
 $M_s=5.9/52, M_L=5.7/1, m_b=5.9/17,$

CD2	3.8	75	Pn	03 10 17.2	4.9		
			Pg	03 10 27.0	6.3		
			Sn	03 11 05.0	6.3		
			Sg	03 11 11.0	-1.7		
			LE	$M_s=5.6$		4.0	52.4
KMI	5.6	148	ePn	03 10 37.0	-0.8		
			LN	$M_s=5.6$		8.0	52.2
			LZ	$M_s=5.7$		15.0	107
LZH	7.1	30	ePn	03 11 02.0	4.4		
			PMZ	$m_b=5.4$		2.0	0.52
			PMZ			3.0	1.20
			Sn	03 12 20.0	-0.3		
			LE	$M_s=5.8$		8.0	55.2
			LZ	$M_s=5.6$		10.0	39.5
GYA	7.2	117	Pn	03 11 03.0	3.3		
			Sn	03 12 22.0	-2.0		
			LN	$M_s=5.7$		8.0	32.0
			LE			8.0	42.1
			LZ	$M_s=5.2$		12.0	18.1
LSA	7.2	270	Pn	03 11 03.0	2.9		
			Sn	03 12 24.0	-0.1		
			LN	$M_s=5.7$		8.0	36.0
			LE			8.0	28.0
XAN	9.0	61	+P	03 11 26.0	0.0		
			LN	$M_s=5.6$		10.0	23.3
			LE			10.0	21.7
GTA	9.4	2	P	03 11 32.1	0.0		
			PMZ	$m_b=5.3$		2.0	0.23
			LZ	$M_s=5.4$		18.0	38.3
WHN	12.9	84	eP	03 12 17.0	-2.1		
			PMZ	$m_b=5.4$		1.0	0.080

			sP	03 12 31.0	3.4		
			S	03 14 40.0	-2.8		
			LN	$M_s=5.9$		10.0	36.1
			LE			10.0	16.8
TIY	13.2	51	eP	03 12 23.4	-0.6		
			PP	03 12 34.5	0.4		
			sS	03 14 58.0	-1.7		
			LN	$M_s=5.8$		13.0	29.8
			LE			15.0	26.8
			LZ	$M_s=5.6$		7.0	16.7
BTO	13.6	36	P	03 12 29.0	-0.3		
			pP	03 12 37.0	2.9		
			S	03 15 00.0	-1.0		
			LN	$M_s=6.2$		10.0	63.8
			LE			10.0	29.5
GZH	14.2	116	P	03 12 33.0	-3.5		
			S	03 15 11.0	-3.2		
			LN	$M_s=6.2$		10.0	52.0
			LE			10.0	29.8
			LZ	$M_s=5.8$		10.0	28.2
QZN	14.4	137	eP	03 12 38.6	-1.0		
			sP	03 12 49.0	0.8		
			eS	03 15 14.0	-6.3		
			LN	$M_s=6.2$		12.5	60.5
			LE			12.5	48.8
HHC	14.6	39	+P	03 12 43.0	0.5		
			LN	$M_s=5.9$		10.0	16.7
			LE			9.0	20.5
			LZ	$M_s=5.7$		14.0	34.3
TIA	16.0	63	+P	03 13 00.1	-0.4		
			eS	03 15 56.5	-1.7		
			sS	03 16 10.0	3.8		
			LN	$M_s=5.5$		9.0	8.13
			LE			10.0	3.79
			LZ	$M_s=5.1$		10.0	5.84
WMQ	16.7	329	P	03 13 07.6	-1.4		
			PMZ	$m_b=5.5$		3.5	0.87
			S	03 16 10.0	-2.8		
			LZ	$M_s=5.4$		20.0	21.6
NJ2	16.7	78	+P	03 13 09.0	-0.5		
			PMZ	$m_b=5.6$		5.0	1.56
			S	03 16 20.0	6.0		
			LN	$M_s=5.8$		9.0	11.3
			LE			9.0	10.2
BJI	16.9	49	eP	03 13 12.0	0.0		
			PMZ	$m_b=5.6$		4.0	1.20
			epP	03 13 20.0	3.0		
			eS	03 16 17.0	-2.1		
			LN	$M_s=5.9$		12.0	22.8
			LE			13.0	19.2
			LZ	$M_s=5.4$		12.0	12.6
QZH	17.7	102	+P	03 13 20.8	-0.6		
			S	03 16 36.0	0.3		
			sS	03 16 50.0	5.5		
			LN	$M_s=6.1$		10.0	29.1
			LE			10.0	13.0
			LZ	$M_s=5.4$		12.0	12.1
SSE	18.7	81	-P	03 13 34.5	0.1		
			PMZ	$m_b=5.5$		1.5	0.31
			PMZ	$m_b=6.0$		5.0	3.29
			pP	03 13 44.5	5.2		
			sP	03 13 47.0	4.0		
			sS	03 17 10.0	1.8		
			SS	03 17 30.0	6.2		
			LN	$M_s=5.8$		9.0	11.5
			LE			9.0	6.08
			LZ	$M_s=5.3$		16.0	11.1
DL2	20.3	58	-IP	03 13 52.0	0.1		



		PMZ	$m_b = 5.7$	1.4	0.51	HHC	24.4	79	eP	06 26 04.0	1.7			
		PMZ	$m_b = 5.6$	6.0	1.84				S	06 30 24.0	5.5			
		pP	03 13 56.0	-1.5					LN	$M_s = 4.8$	9.0	0.60		
		LN	$M_s = 5.5$	12.0	6.12				LE		9.0	0.80		
		LE		10.0	5.61				LZ	$M_s = 4.8$	14.0	2.10		
		LZ	$M_s = 5.0$	14.0	4.73	XAN	24.5	97	+P	06 26 03.5	0.6			
KSH	21.5	303	P	03 14 04.0	-0.8				S	06 30 20.0	0.2			
			pP	03 14 14.0	3.6				LN	$M_s = 4.8$	12.0	0.79		
			sP	03 14 17.0	3.4				LE		10.0	0.65		
			PP	03 14 29.0	0.9									
			S	03 17 56.0	-1.4									
			LE	$M_s = 6.1$	9.0	23.2								
SNY	22.7	52	-iP	03 14 17.0	0.2				LE	$M_s = 4.9$	11.0	1.18		
			PMZ	$m_b = 5.5$	1.2	0.22			LZ	$M_s = 4.9$	14.0	2.14		
			PMZ	$m_b = 5.8$	6.0	2.55	GYA	26.9	114	P	06 26 25.4	0.0		
			S	03 18 22.0	2.3				S	06 31 05.6	6.2			
			LN	$M_s = 5.7$	9.0	5.68			LN	$M_s = 4.6$	12.0	0.50		
			LE		11.0	5.97			LE		12.0	0.40		
			LZ	$M_s = 5.5$	14.0	11.8	BJI	28.0	79	eP	06 26 36.0	0.2		
CN2	24.8	49	-P	03 14 36.0	-0.9				LN	$M_s = 4.6$	9.0	0.49		
			PMZ	$m_b = 5.9$	5.0	2.20			LZ	$M_s = 4.6$	12.0	0.90		
			pP	03 14 40.0	-2.7									
			eS	03 18 56.0	-0.4				TIA	29.9	87	eP	06 26 52.1	-0.3
			LN	$M_s = 5.9$	12.0	16.2			WHN	30.2	99	-iP	06 26 55.5	0.5
			LZ	$M_s = 5.6$	12.0	11.2			sP	06 27 02.0	-1.1			
MDJ	27.9	50	eP	03 15 05.0	-0.3				PcP	06 29 54.5	-1.3			
			S	03 19 47.0	1.1				eS	06 31 54.0	0.9			
			LZ	$M_s = 5.7$	12.0	10.9			LN	$M_s = 4.6$	10.0	0.44		
<p>JUL 21d 03h 27m 07.4 ± 0.13s, SD2.85 / 25 29.85 N ± 1.39km, 99.02 E ± 1.42km, h15 ± 0.47km Tibet (306) $M_L 4.4 / 5,$</p>						DL2	32.4	79	eP	06 27 14.8	0.2			
CD2	4.2	74	Pg	03 28 23.7	1.5				SNY	33.0	73	+P	06 27 19.7	-0.7
			Sg	03 29 13.4	-6.5				LE	$M_s = 4.6$	13.0	0.53		
			SMN	$M_L = 3.8$	1.2	0.19			CN2	34.0	69	+P	06 27 27.5	-0.9
			SME		1.3	0.19			epP	06 27 33.9	0.3			
LZH	7.4	32	ePg	03 29 24.5	5.8				eS	06 32 50.5	-2.3			
GYA	7.5	115	Pn	03 28 57.8	0.3				LN	$M_s = 4.7$	11.0	0.50		
TIA	16.4	63	eP	03 30 59.0	-0.5				LZ	$M_s = 4.8$	14.0	1.20		
WMQ	16.6	330	eP	03 31 03.0	1.5			QZN	34.0	121	eP	06 27 32.0	2.9	
			eS	03 34 06.2	1.0				eS	06 32 55.0	1.1			
BJI	17.3	50	eP	03 31 09.5	-1.1				eSS	06 35 03.0	2.9			
<p>JUL 21d 06h 20m 42.0 ± 0.11s, SD1.71 / 71 40.86 N ± 1.31km, 79.21 E ± 1.41km, h8 ± 0.32km Southern Xinjiang Province (321) $M_s 4.9 / 26, M_L 5.4 / 2, m_b 4.8 / 4,$</p>						SSE	35.1	93	eP	06 27 38.0	0.3			
									LN	$M_s = 4.5$	13.0	0.40		
									pP	06 27 43.0	0.1			
									eS	06 33 10.0	0.5			
									LE	$M_s = 4.9$	14.0	1.05		
									LZ	$M_s = 4.4$	14.0	0.53		
									MDJ	36.7	67	eP	06 27 52.4	0.5
									S	06 33 36.0	1.7			
									LZ	$M_s = 5.1$	12.0	1.85		
<p>JUL 21d 07h 37m 50.5 ± 0.44s, SD1.59 / 17 33.87 N ± 2.19km, 140.98 E ± 4.62km, h5 ± km South of Honshu (211) $m_b 4.7 / 1,$</p>						CN2	15.6	314	eP	07 41 32.8	-0.5			
WMQ	6.9	62	iPn	06 22 28.5	4.0	6.0	17.0		SNY	15.9	305	-iP	07 41 35.2	-1.2
			Sn	06 23 44.5	-1.5				PMZ	$m_b = 4.7$	1.0	0.037		
LSA	14.8	135	P	06 24 15.0	1.1				NJ2	18.7	271	+P	07 42 11.2	-0.3
			sP	06 24 23.5	2.2				TIA	19.7	284	eP	07 42 25.1	1.7
			S	06 27 01.9	4.0				WHN	22.8	269	eP	07 42 53.0	-2.2
			LE	$M_s = 4.4$	5.0	0.44			TIY	23.4	288	eP	07 43 00.8	-1.1
GTA	15.8	89	-iP	06 24 24.0	-3.1				GTA	33.3	292	eP	07 44 31.0	-0.7
			PMZ	$m_b = 5.6$	1.0	0.30			<p>JUL 21d 16h 36m 34.4 ± 0.09s, SD2.72 / 9 38.39 N ± 1.00km, 89.42 E ± 0.66km, h15 ± 0.01km Southern Xinjiang Province (321) $M_L 4.0 / 7,$</p>					
			LN	$M_s = 4.6$	10.0	1.41			WMQ	5.6	347	Pn	16 38 01.1	3.7
			LZ	$M_s = 4.9$	7.0	2.30			Sg	16 39 28.2	-0.8			
LZH	19.8	96	eP	06 25 17.0	0.5				SMN	$M_L = 4.2$	0.5	0.20		
			PMZ	$m_b = 4.8$	2.0	0.082								
			LN	$M_s = 5.0$	10.0	1.60								
			LE		10.0	1.70								
			LZ	$M_s = 4.9$	10.0	2.40								
CD2	22.2	109	eP	06 25 42.6	2.3									
BTO	23.3	80	eP	06 25 52.8	1.3									



		LN	$M_s=4.9$	6.0	3.00				
		LZ	$M_s=4.9$	6.0	3.40				
SNY	12.7 186	eP	12 04 32.0	-0.6					
		LN	$M_s=4.8$	7.0	1.18				
		LE			8.0	1.69			
		LZ	$M_s=4.4$	10.0	1.47				
BJI	15.7 207	eP	12 05 12.0	-0.3					
		eS	12 08 07.0	0.5					
		LN	$M_s=5.6$	9.0	6.00				
		LE			9.0	11.2			
		LZ	$M_s=4.9$	8.0	2.80				
DL2	15.8 191	eP	12 05 17.2	4.2					
HHC	16.5 220	eP	12 05 24.0	1.8					
		S	12 08 29.0	5.3					
		LE	$M_s=5.3$	10.0	6.20				
		LZ	$M_s=4.8$	9.0	2.50				
BTO	17.3 223	eP	12 05 32.0	-0.5					
		sP	12 05 38.5	-2.9					
		eS	12 08 43.0	-0.3					
		LN	$M_s=5.1$	9.0	2.70				
		LE			9.0	1.20			
TIY	19.0 213	eP	12 05 53.3	0.0					
		LN	$M_s=5.4$	10.0	4.20				
		LE			12.0	6.16			
TIA	19.1 201	P	12 05 54.7	-0.4					
		LN	$M_s=4.7$	11.0	1.09				
		LE			8.0	0.40			
		LZ	$M_s=4.6$	12.0	1.41				
NJ2	22.9 195	-P	12 06 35.0	1.0					
		S	12 10 40.0	2.2					
		LN	$M_s=4.5$	11.0	0.42				
		LE			10.0	0.39			
		LZ	$M_s=4.1$	20.0	0.61				
GTA	22.9 240	eP	12 06 32.8	-1.8					
		S	12 10 36.8	-1.8					
		LN	$M_s=5.2$	10.0	2.61				
		LZ	$M_s=4.9$	10.0	2.07				
XAN	23.5 216	P	12 06 39.6	-0.4					
		LN	$M_s=5.3$	12.0	2.57				
		LE			12.0	3.65			
SSE	23.5 189	+P	12 06 41.5	1.1					
		PMZ	$m_b=4.8$	1.0	0.039				
		pP	12 06 46.0	-0.6					
		S	12 10 55.0	5.5					
		sS	12 11 04.0	3.6					
		SS	12 11 30.0	-7.0					
		LN	$M_s=4.7$	17.0	1.11				
		LE			16.0	1.08			
LZH	23.7 228	eP	12 06 46.5	4.4					
		PMZ	$m_b=4.8$	1.6	0.064				
		LN	$M_s=5.3$	18.0	3.60				
		LE			14.0	3.60			
		LZ	$M_s=5.3$	5.0	2.50				
WHN	25.2 203	eP	12 06 57.0	0.5					
		sP	12 07 04.5	-1.3					
		sS	12 11 26.0	-2.8					
		LN	$M_s=5.0$	12.0	1.05				
		LE			12.0	1.23			
WMQ	26.6 262	P	12 07 10.0	0.3					
		S	12 11 42.0	0.8					
		LZ	$M_s=4.7$	10.0	1.08				

		S	22 49 21.0	4.2					
		LZ	$M_s=3.6$	18.0	0.27				
WHN	18.0 342	eP	22 46 10.5	0.8					
NJ2	18.6 355	+P	22 46 19.2	1.7					
TIA	22.9 353	eP	22 47 04.9	2.2					
XAN	23.1 335	+P	22 47 03.7	-0.9					
CD2	23.3 321	eP	22 47 06.0	-0.6					
TIY	25.2 345	eP	22 47 25.0	-0.6					
		S	22 51 44.0	-1.4					
		sS	22 52 06.5	4.8					
		LN	$M_s=4.6$	20.0	1.20				
		LZ	$M_s=4.2$	20.0	0.75				
BJI	26.8 353	eP	22 47 39.0	-0.8					
		LZ	$M_s=4.0$	16.0	0.29				
LZH	27.1 329	eP	22 47 45.5	2.5					
SNY	28.4 5	-P	22 47 53.6	-0.9					
		eS	22 52 38.0	0.3					
		LZ	$M_s=4.0$	18.0	0.35				
CN2	30.5 7	eP	22 48 13.0	-0.6					
GTA	31.7 328	eP	22 48 22.0	-1.9					
MDJ	32.0 12	eP	22 48 29.0	2.4					
WMQ	41.3 323	P	22 49 46.2	0.8					

JUL 24d 01h 36m $37.9 \pm 0.24s$, SD1.54 / 20
 7.23 S $\pm 2.52km$, 76.07 W $\pm 2.05km$, h109 $\pm 2.15km$
 Northern Peru (111)

BJI	145.5 343	ePKP	01 56 04.0	-0.3				
BTO	146.3 352	ePKP	01 56 06.0	0.2				
GTA	147.8 6	PKP	01 56 08.5	0.3				
TIY	148.7 347	ePKP	01 56 10.8	1.2				
SSE	151.3 328	PKP	01 56 11.4	-2.1				
WHN	154.8 338	ePKP	01 56 16.5	-2.0				

JUL 24d 03h 27m $48.7 \pm 0.13s$, SD1.39 / 90
 36.13 N $\pm 1.77km$, 71.13 E $\pm 1.67km$, h94 $\pm 0.39km$
 Hindu Kush region (718)
 $m_b 6.0 / 35$, $m_b 5.4 / 9$,

KSH	5.1 47	P	03 29 06.5	2.3				
		S	03 30 06.0	4.1				
		LE			7.0	23.6		
WMQ	14.8 54	-P	03 31 12.5	-2.5				
		pP	03 31 26.0	-2.3				
		S	03 33 53.0	-3.8				
		LZ			8.0	14.0		
LSA	18.0 105	P	03 31 52.0	-2.7				
		PMZ			3.0	5.60		
		pP	03 32 09.1	-0.5				
		iS	03 35 07.6	-1.8				
		LE			8.0	1.80		
		LZ			8.0	2.10		
GTA	22.9 73	P	03 32 46.4	1.2				
		PMZ	$m_b=6.0$		5.0	3.34		
		pP	03 33 08.0	3.0				
		sP	03 33 20.0	3.3				
		iS	03 36 51.0	6.8				
		LN			10.0	7.17		
		LZ			18.0	7.06		
LZH	26.4 80	P	03 33 20.0	1.5				
		PMZ	$m_b=5.8$		2.0	0.47		
		PMZ	$m_b=5.8$		5.0	1.30		
		pP	03 33 41.0	2.3				
		sP	03 33 55.0	4.6				
		S	03 37 45.0	2.9				
		SME	$m_b=5.9$		10.0	3.93		
		LN			8.0	4.70		
		LE			9.0	2.80		
		LZ			30.0	8.50		
CD2	27.6 91	P	03 33 30.6	0.8				

JUL 23d 22h 42m $00.9 \pm 0.11s$, SD1.50 / 56
 13.45 N $\pm 1.65km$, 120.57 E $\pm 2.01km$, h35 $\pm 0.31km$
 Mindoro (250)
 $M_s 4.5 / 2$,

QZN	11.7 300	eP	22 44 47.5	-1.0				
SSE	17.6 2	P	22 46 07.6	2.6				



DL2	77.3	319	LZ	$M_s = 5.2$	25.0	1.42	GTA	38.1	301	eP	16 58 27.5	-1.8		
			eP	11 05 07.0	1.2		WMQ	47.6	306	eP	16 59 48.2	2.4		
			sP	11 05 14.0	-2.0		JUL 24d 19h 46m $30.2 \pm 0.09s$, SD1.08 / 28 $18.68 S \pm 1.77km$, $176.91 E \pm 1.61km$, $h38 \pm 0.57km$ South of Fiji (171) $m_b 5.4 / 1$,							
			eS	11 15 00.0	5.9									
WHN	77.7	308	LZ	$M_s = 5.0$	23.0	0.94	WHN	77.5	308	eP	19 58 23.5	-1.0		
			+P	11 05 07.5	-0.2		CN2	78.0	325	P	19 58 26.5	-0.6		
			PMZ	$m_b = 5.4$	1.2	0.050				pP	19 58 36.5	-1.1		
			sP	11 05 19.0	1.2					eS	20 08 10.2	-6.9		
			S	11 15 00.0	3.7					LZ			2.4	0.30
			LE	$M_s = 5.6$	20.0	1.72	BJI	81.3	317	eP	19 58 44.0	-0.8		
			LZ	$M_s = 5.4$	24.0	2.18				eS	20 08 46.0	-5.5		
SNY	77.9	322	+P	11 05 10.4	1.1					LZ	$M_s = 4.6$	22.0	0.31	
			pP	11 05 16.0	-0.3		GYA	81.6	301	P	19 58 46.4	-0.2		
			S	11 15 00.0	0.7		TIY	82.5	314	+P	19 58 51.8	0.4		
			LZ	$M_s = 5.1$	22.0	1.12				sS	20 09 18.0	-4.1		
CN2	78.2	325	+P	11 05 10.0	-0.5					LZ	$M_s = 4.9$	20.0	0.50	
			PMZ	$m_b = 5.9$	5.0	0.70	XAN	83.2	309	P	19 58 55.0	0.0		
			pP	11 05 16.8	-0.7		CD2	85.8	304	P	19 59 08.3	0.6		
			eS	11 15 03.0	-0.2		LZH	87.9	309	eP	19 59 19.0	1.0		
			LN	$M_s = 5.2$	15.0	0.50				PMZ	$m_b = 5.4$	1.5	0.048	
TIA	78.7	315	+P	11 05 12.7	-0.7		GTA	92.1	311	eP	19 59 37.8	-0.2		
BJI	81.4	317	eP	11 05 28.0	0.0		JUL 25d 03h 18m $17.9 \pm 0.10s$, SD1.02 / 33 $0.06 S \pm 0.93km$, $123.90 E \pm 0.64km$, $h168 \pm 1.00km$ Minahassa Peninsula (Celebes) (265) $m_b 5.4 / 1$,							
			eS	11 15 37.0	-0.4									
			LZ	$M_s = 5.2$	20.0	1.20	WHN	31.8	344	P	03 24 30.0	1.4		
GYA	81.7	301	+P	11 05 30.0	0.3		NJ2	32.3	352	+P	03 24 33.4	0.2		
TIY	82.7	314	+P	11 05 35.5	0.9		CD2	36.3	330	eP	03 25 06.8	-0.2		
			sP	11 05 43.0	-1.6		XAN	36.7	339	P	03 25 10.5	-0.4		
			sS	11 16 02.5	0.5		TIY	39.0	346	eP	03 25 31.2	0.8		
			SS	11 21 14.0	-0.1		MDJ	44.8	6	eP	03 26 16.5	-0.2		
			LN	$M_s = 5.6$	17.0	1.28	GTA	45.0	333	eP	03 26 19.0	-0.1		
			LZ	$M_s = 5.3$	24.0	1.77	WMQ	54.3	328	P	03 27 28.2	-1.3		
XAN	83.4	309	P	11 05 38.5	0.3		JUL 25d 04h 19m $40.3 \pm 0.05s$, SD1.13 / 11 $3.78 N \pm 0.63km$, $126.28 E \pm 1.07km$, $h87 \pm 0.49km$ Talaud Islands (263)							
KMI	84.4	299	+P	11 05 44.0	0.6									
			LZ	$M_s = 5.6$	28.0	3.40	XAN	34.2	334	P	04 26 18.1	-1.5		
HHC	84.8	316	P	11 05 46.6	1.0		BJI	37.2	347	eP	04 26 45.0	-0.5		
BTO	85.7	315	P	11 05 51.0	0.9		JUL 25d 07h 57m $38.7 \pm 0.12s$, SD2.63 / 12 $27.33 N \pm 2.24km$, $130.16 E \pm 2.40km$, $h28 \pm 0.69km$ Ryukyu Islands (238)							
			sP	11 05 59.0	-1.0									
			eS	11 16 15.0	-5.9		SSE	8.7	298	eP	07 59 50.0	4.3		
			S	11 16 22.0	3.1		CN2	16.9	348	eP	08 01 36.8	2.1		
CD2	85.9	304	P	11 05 51.4	0.5		BJI	17.2	321	eP	08 01 39.5	1.0		
			S	11 16 20.2	-0.4		JUL 25d 09h 07m $22.8 \pm 0.11s$, SD2.09 / 28 $27.40 N \pm 1.99km$, $129.89 E \pm 2.05km$, $h28 \pm 0.48km$ Ryukyu Islands (238) $M_s 4.1 / 5$,							
			LZ	$M_s = 5.3$	22.0	1.40								
LZH	88.0	309	eP	11 06 02.5	1.3		SSE	8.4	298	eP	09 09 31.0	4.7		
			PMZ	$m_b = 6.0$	2.5	0.31				LN	$M_s = 3.7$	10.0	0.47	
			PMZ	$m_b = 6.0$	5.0	0.65	NJ2	10.7	298	+P	09 09 56.6	-0.2		
			sS	11 16 52.0	-2.1		SNY	15.3	342	eP	09 11 00.0	1.5		
			LZ	$M_s = 5.6$	25.0	3.20	CN2	16.7	349	eP	09 11 20.0	2.8		
GTA	92.3	311	P	11 06 21.7	0.5					pP	09 11 24.0	0.0		
			LZ	$M_s = 5.3$	22.0	1.08				LN	$M_s = 4.2$	11.0	0.50	
JUL 24d 13h 56m $23.4 \pm 0.11s$, SD2.35 / 11 $25.57 N \pm 1.15km$, $100.36 E \pm 0.62km$, $h8 \pm 0.45km$ Yunnan Province (318) $M_L 3.6 / 5$,							BJI	17.0	321	eP	09 11 21.5	1.5		
												TIY	17.9	309
GYA	5.7	80	Pu	13 57 50.0	0.6					LN	$M_s = 4.5$	12.0	0.58	
CD2	6.1	29	Pg	13 58 10.0	-1.3					LE		13.0	0.83	
			SMN	$M_L = 3.5$	1.0	0.030				LZ	$M_s = 4.5$	13.0	1.44	
			SME		1.2	0.030	JUL 24d 16h 51m $11.0 \pm 0.13s$, SD1.87 / 24 $26.13 N \pm 1.99km$, $142.79 E \pm 2.62km$, $h35 \pm 0.35km$ Volcano Islands region (213)							
SSE	19.6	290	eP	16 55 41.0	1.8									
SNY	22.3	320	eP	16 56 08.8	2.1									
WHN	25.4	287	eP	16 56 37.5	0.4									
XAN	30.2	293	P	16 57 19.2	-2.1									
GYA	32.3	279	P	16 57 43.4	3.7									
CD2	34.5	287	P	16 57 56.7	-1.7									

XAN	19.2	295	P	09 11 45.0	-2.3		
GYA	20.7	273	P	09 12 07.0	3.0		
			PP	09 12 25.0	-0.4		
GTA	27.7	303	eP	09 13 08.5	-2.6		

JUL 25d 11h 22m 25.0 ± 0.05s, SD1.65 / 7
29.06 N ± 0.40km, 104.76 E ± 0.55km, h16 ± 0.16km
Sichuan Province (307)

CD2	2.0	335	Pg	11 22 59.1	-2.1		
			Sg	11 23 24.7	-4.3		
			SMN		$M_L = 3.4$	0.8	0.19
			SME			0.8	0.43
GYA	3.1	146	ePn	11 23 14.4	0.6		
			Sn	11 23 46.0	-6.2		
			SMN		$M_L = 3.0$	1.0	0.060
			SME			1.0	0.060

JUL 25d 17h 50m 44.6 ± 0.08s, SD2.94 / 7
40.99 N ± 1.27km, 94.79 E ± 1.03km, h5 ± km
Gansu Province (322)

GTA	4.2	111	Pn	17 51 48.3	-1.0		
			Sg	17 52 57.2	2.3		
			SMN		$M_L = 3.5$	1.0	0.099
			SME			1.0	0.095
WMQ	6.0	301	ePn	17 52 15.0	1.1		
			SMN		$M_L = 3.7$	0.8	0.020
			SME			0.8	0.10

JUL 25d 21h 54m 22.8 ± 0.14s, SD0.93 / 94
7.06 S ± 1.59km, 122.85 E ± 1.60km, h610 ± 0.72km
Flores Sea (279)

QZN	28.9	334	+iP	21 59 36.5	0.0		
			PMZ			3.0	1.10
			S	22 03 45.0	-1.7		
			ScS	22 09 06.5	2.3		
			SMN		$m_B = 5.2$	7.0	0.90
			SME			7.0	0.60
GZH	31.4	343	+iP	21 59 57.0	-0.3		
			PMZ			3.0	1.08
			sP	22 02 48.0	4.1		
			S	22 04 20.0	-4.4		
QZH	32.1	353	+P	22 00 03.1	-0.2		
			S	22 04 32.0	-3.2		
GYA	36.8	335	+P	22 00 43.0	0.2		
			PMZ			3.0	1.10
			PP	22 02 32.0	2.4		
			PcP	22 02 48.2	0.3		
			S	22 05 42.8	-3.6		
			SMN		$m_B = 5.5$	5.0	1.40
			ScS	22 09 46.0	0.1		
KMI	37.5	329	+P	22 00 50.0	1.6		
			PMZ			3.0	1.00
			pP	22 02 32.0	5.2		
			sP	22 03 39.0	1.4		
			S	22 05 57.0	0.8		
			ScS	22 09 53.0	3.3		
SSE	38.0	358	-iP	22 00 52.7	0.7		
			PMZ		$m_B = 5.9$	0.9	0.27
			pP	22 02 36.0	5.1		
			PcP	22 02 51.0	-0.5		
			sP	22 03 44.0	2.4		
			ScP	22 05 40.5	-0.6		
			S	22 05 58.0	-5.0		
			ScS	22 09 52.0	-0.4		
WHN	38.3	348	+iP	22 00 55.7	1.3		

			PMZ		$m_B = 5.8$		
			pP	22 02 38.0	4.5		
			ScP	22 05 42.5	0.3		
			S	22 06 06.0	-1.3		
			SMN		$m_B = 5.5$	7.0	1.91
NJ2	39.1	355	+iP	22 01 01.7	0.8		
			PMZ		$m_B = 5.8$	4.0	1.08
			pP	22 02 44.5	3.7		
			ScP	22 05 45.2	-0.1		
			IS	22 06 17.0	-3.1		
CD2	41.9	335	+iP	22 01 24.0	0.1		
			pP	22 03 13.0	4.4		
			IS	22 06 57.0	-4.3		
			ScS	22 10 16.0	-0.3		
XAN	42.9	343	+iP	22 01 31.2	-0.5		
			pP	22 03 19.5	2.4		
			PP	22 03 25.5	2.8		
			sP	22 04 25.5	2.2		
			ScP	22 06 00.8	0.0		
TIA	43.4	353	+P	22 01 33.8	-1.2		
			PcP	22 03 09.0	-0.4		
			S	22 07 15.0	-5.3		
			SMN		$m_B = 5.5$	7.0	1.61
			SME			9.0	0.61
TIY	45.6	348	+P	22 01 50.8	-1.3		
			PMZ		$m_B = 5.4$	0.6	0.070
			pP	22 03 42.0	2.9		
			sP	22 04 50.0	5.2		
			S	22 07 47.0	-4.2		
			ScS	22 10 38.0	-1.6		
DL2	45.7	359	+P	22 01 52.0	-1.2		
			pP	22 03 42.0	1.6		
			S	22 07 50.0	-3.4		
			SMN		$m_B = 5.7$	6.0	1.16
			SME			6.0	1.16
			ScS	22 10 40.0	-0.7		
LZH	46.5	339	eP	22 01 59.0	-0.1		
			PcP	22 03 21.0	0.5		
			pP	22 03 50.0	3.4		
			S	22 08 03.0	-0.6		
			SMN		$m_B = 5.7$	7.0	1.79
			ScS	22 10 46.0	0.4		
			sS	22 11 20.0	3.1		
BJI	47.3	353	+P	22 02 04.0	-0.7		
			PcP	22 03 23.0	-0.3		
			epP	22 03 54.5	1.5		
			esP	22 04 58.0	-0.4		
			ScP	22 06 19.0	0.4		
			eS	22 08 11.0	-4.4		
			ScS	22 10 50.0	-0.8		
LSA	47.6	322	+P	22 02 08.8	1.2		
			sP	22 05 02.8	1.9		
			iS	22 08 27.0	6.4		
			SME		$m_B = 5.5$	6.0	0.90
SNY	48.6	1	+iP	22 02 14.0	-1.1		
			PMZ		$m_B = 5.0$	0.8	0.038
			pP	22 04 00.0	-4.3		
			sP	22 05 05.0	-4.5		
			S	22 08 30.0	-3.3		
			SMN		$m_B = 5.6$	8.0	1.09
			SME			7.0	0.92
			ScS	22 11 01.0	0.9		
HHC	48.8	349	P	22 02 15.5	-0.8		
			S	22 08 33.5	-1.7		
			SMN		$m_B = 5.5$	7.0	0.98
			SME			7.0	0.50
BTO	48.9	347	+P	22 02 16.0	-0.9		
			pP	22 04 05.0	-1.1		

$m_b 4.8 / 1,$

WHN	26.9	335	eP	14 38 25.0	0.1		
XAN	32.3	331	+P	14 39 12.0	-0.6		
CD2	32.8	321	P	14 39 16.4	-0.4		
TIY	34.0	339	eP	14 39 27.4	0.4		
BJI	35.0	345	eP	14 39 36.0	0.5		
LZH	36.5	328	eP	14 39 49.0	0.8		
			PMZ	$m_b = 4.8$		1.5	0.044
MDJ	38.3	3	-P	14 40 03.5	0.6		
GTA	41.1	327	P	14 40 26.8	0.6		

JUL 27d 16h 26m $07.0 \pm 0.12s$, SD1.43 / 36
 5.11 N $\pm 1.43km$, 123.34 E $\pm 2.22km$, h565 $\pm 0.92km$
 Celebes Sea (262)

$m_b 4.8 / 2,$

WHN	26.7	343	eP	16 31 04.5	1.0		
CD2	31.6	327	P	16 31 46.2	0.4		
XAN	31.7	337	-P	16 31 47.0	-0.2		
DL2	33.7	358	eP	16 32 03.6	0.3		
TIY	33.9	344	-P	16 32 06.2	0.6		
BJI	35.4	350	eP	16 32 17.5	0.1		
LZH	35.7	332	eP	16 32 21.5	1.5		
			PMZ	$m_b = 4.9$		1.5	0.044
CN2	38.6	2	P	16 32 42.5	-1.1		
GTA	40.2	331	-iP	16 32 58.1	1.0		
WMQ	49.7	326	P	16 34 10.5	0.5		

JUL 28d 08h 51m $10.4 \pm 0.05s$, SD1.45 / 9
 40.48 N $\pm 0.46km$, 122.51 E $\pm 0.46km$, h15 $\pm 0.17km$
 North-Eastern China (658)

$M_L 3.3 / 9,$

SNY	1.6	31	iPg	08 51 38.3	0.1		
			Sg	08 51 59.0	-0.7		
			SMN	$M_L = 2.9$		0.4	0.036
			SME			0.4	0.24
DL2	1.7	204	Pg	08 51 40.0	-0.7		
			Sg	08 52 02.5	-1.7		
			SMN	$M_L = 3.3$		0.4	0.22
			SME			0.4	0.37
CN2	4.0	32	ePg	08 52 23.0	2.4		
			eSg	08 53 12.4	-2.5		
			SMN	$M_L = 3.0$		0.6	0.032

JUL 28d 14h 06m $59.8 \pm 0.07s$, SD1.66 / 39
 37.53 N $\pm 2.38km$, 143.11 E $\pm 2.79km$, h20 $\pm 1.57km$
 Off east coast of Honshu (229)

$M_S 4.2 / 2,$

DL2	16.9	281	eP	14 10 58.8	1.3		
TIA	20.8	274	eP	14 11 41.0	-1.9		
BJI	21.1	285	eP	14 11 47.0	1.0		
WHN	24.8	262	-P	14 12 23.5	1.6		
			sP	14 12 31.0	-1.0		
BTO	25.8	287	eP	14 12 31.0	-0.7		
XAN	27.9	273	P	14 12 50.1	-0.6		
GYA	32.6	261	P	14 13 34.2	1.1		
CD2	33.0	270	eP	14 13 36.0	-0.4		
GTA	33.7	287	eP	14 13 43.6	1.1		
WMQ	41.8	297	P	14 14 52.4	1.9		

JUL 28d 16h 18m $16.4 \pm 0.20s$, SD2.12 / 30
 23.54 N $\pm 1.87km$, 121.63 E $\pm 1.80km$, h32 $\pm 0.13km$
 Taiwan (244)

$M_S 3.9 / 1, M_L 4.0 / 11,$

QZH	3.1	297	Pn	16 19 03.5	-0.1		
			Sn	16 19 36.8	-4.4		
			SMN	$M_L = 4.0$		0.2	0.60
			SME			0.2	0.44
SSE	7.5	357	eP	16 20 06.3	-0.6		

$M_L = 3.7$

WHN	9.5	319	P	16 20 34.5	0.0		
			pP	16 20 38.0	-3.3		
			SMN			1.0	0.090
			SME			1.0	0.090
QZN	11.9	250	eP	16 21 06.8	0.3		
			S	16 23 15.4	-3.1		
GYA	13.9	285	P	16 21 36.0	2.6		
TIY	16.2	333	eP	16 22 08.0	4.7		
			SS	16 25 14.0	-6.2		
			LE	$M_S = 3.9$		12.0	0.29
			LZ	$M_S = 3.9$		16.0	0.48
CD2	17.5	299	eP	16 22 23.0	3.2		
BTO	19.6	333	eP	16 22 49.0	3.7		

JUL 29d 00h 10m $31.2 \pm 0.05s$, SD0.96 / 20
 5.26 S $\pm 0.71km$, 148.61 E $\pm 1.36km$, h47 $\pm 0.67km$
 New Britain region (192)

XAN	54.2	319	P	00 19 54.6	0.0		
CD2	55.9	313	eP	00 20 07.1	-0.4		
GTA	63.2	319	eP	00 20 57.6	-0.2		
WMQ	73.3	319	eP	00 22 02.0	1.6		

JUL 29d 03h 05m $01.0 \pm 0.06s$, SD0.92 / 38
 1.11 N $\pm 0.83km$, 121.51 E $\pm 1.56km$, h42 $\pm 0.10km$
 Minahassa Peninsula (Celebes) (265)

WHN	30.1	348	P	03 11 09.7	0.9		
CD2	34.1	332	P	03 11 44.1	0.0		
XAN	34.8	342	P	03 11 49.3	-1.1		
TIY	37.4	348	eP	03 12 12.3	0.3		
			LZ	$M_S = 4.2$		28.0	0.60
BJI	39.1	353	eP	03 12 26.0	0.1		
SNY	40.6	2	-P	03 12 37.8	-0.8		
GTA	43.0	335	-iP	03 12 59.2	0.8		
MDJ	43.9	8	eP	03 13 06.0	0.1		
WMQ	52.1	329	P	03 14 09.0	-0.5		
KSH	56.4	318	eP	03 14 41.0	-0.3		

JUL 29d 05h 48m $15.2 \pm 0.16s$, SD1.37 / 34
 20.61 S $\pm 2.77km$, 173.79 W $\pm 2.81km$, h36 $\pm 0.41km$
 Tonga (173)

$M_S 5.0 / 1, m_b 4.9 / 1,$

MDJ	82.9	323	eP	06 00 38.0	-0.5		
NJ2	83.0	308	+P	06 00 36.0	-3.0		
DL2	84.6	315	eP	06 00 48.0	1.2		
CN2	84.8	321	+P	06 00 48.4	0.2		
			S	06 11 07.7	-3.5		
			LZ	$M_S = 4.8$		16.0	0.30
WHN	85.7	305	P	06 00 53.0	0.5		
TIA	86.3	311	eP	06 00 54.9	-0.5		
BJI	88.8	314	eP	06 01 07.0	-0.3		
			eSKS	06 11 29.0	-1.5		
			eS	06 11 45.0	-5.4		
			LZ	$M_S = 4.7$		20.0	0.30
TIY	90.3	310	eP	06 01 15.8	1.1		
			LZ	$M_S = 5.0$		26.0	0.71
XAN	91.4	306	P	06 01 19.6	0.0		
HHC	92.3	313	P	06 01 24.6	0.7		
KMI	92.9	296	eP	06 01 25.0	-2.0		

JUL 29d 11h 44m $06.4 \pm 0.13s$, SD2.07 / 22
 5.99 S $\pm 1.35km$, 142.18 E $\pm 1.59km$, h56 $\pm 0.59km$
 New Guinea (202)

WHN	45.1	325	P	11 52 16.5	-2.5		
XAN	50.7	324	P	11 53 06.5	3.1		
BJI	51.7	335	eP	11 53 13.0	2.5		
CD2	51.9	317	eP	11 53 11.0	-1.3		

				South of Honshu				(211)						
	sS	04 45 41.0	-1.1											
	SS	04 45 49.0	6.6											
	LE	$M_s=4.5$	12.0	1.06	MDJ	14.3 326	eP	08 34 33.5	3.7					
	LZ	$M_s=4.1$	20.0	0.93	CN2	16.0 316	eP	08 34 51.0	-0.2					
TIA	19.8 285	eP	04 42 49.8	-0.8	SNY	16.2 307	eP	08 34 54.2	1.0					
	eS	04 46 24.5	-0.6		DL2	16.6 295	eP	08 34 55.4	-2.8					
	LN	$M_s=4.8$	13.0	1.08	SSE	16.8 268	P	08 35 06.5	4.8					
	LE		13.0	1.60										
	LZ	$M_s=4.4$	23.0	1.90	NJ2	18.6 272	+P	08 35 24.0	0.6					
BJI	20.9 296	eP	04 43 02.0	-0.6	BJI	20.9 296	P	08 35 49.0	0.7					
	ePP	04 43 27.0	-0.5		WHN	22.7 270	+P	08 36 07.6	1.8					
	eS	04 46 48.0	0.5					08 36 24.0	-3.1					
	esS	04 47 08.0	-2.3		TIY	23.6 289	-P	08 36 16.7	2.3					
	LN	$M_s=4.8$	20.0	2.40										
	LZ	$M_s=4.3$	34.0	1.88										
QZH	21.2 253	eP	04 43 05.5	0.2	HHC	24.5 296	eP	08 36 21.0	-2.8					
	LN	$M_s=4.7$	8.0	0.85	BTO	25.7 295	eP	08 36 35.6	1.0					
WHN	22.7 270	eP	04 43 21.0	0.7										
	PMZ	$m_b=5.3$	0.7	0.11	XAN	26.6 281	P	08 36 42.5	-0.6					
	pP	04 43 35.0	-0.2		GYA	30.4 266	P	08 37 16.4	-0.8					
	S	04 47 21.0	1.6		GTA	33.4 293	eP	08 37 41.5	-2.6					
	LN	$M_s=4.7$	16.0	1.50	WMQ	42.3 300	P	08 38 59.2	1.3					
	LZ	$M_s=4.2$	20.0	0.88										
TIY	23.6 289	-P	04 43 29.0	0.3	KSH	51.7 297	eP	08 40 11.0	-0.9					
	S	04 47 39.5	5.1					08 47 27.0	0.1					
	LN	$M_s=5.0$	14.0	1.65										
	LE		15.0	1.60										
	LZ	$M_s=4.9$	14.0	2.62										
HHC	24.6 296	P	04 43 39.0	0.9	JUL 30d 09h 22m 31.3 ± 0.09s, SD1.37 / 26									
	LN	$M_s=4.7$	13.0	0.70	7.95 S ± 1.39km, 121.13 E ± 1.80km, h34 ± 0.31km									
	LE		15.0	0.90	Flores region (286)									
	LZ	$M_s=4.6$	29.0	2.50	$M_s=4.9 / 3,$									
BTO	25.7 295	P	04 43 50.0	1.2	WHN	38.8 351	eP	09 29 57.0	2.0					
	sP	04 44 10.0	-2.1		CD2	42.1 337	P	09 30 22.5	0.5					
	S	04 48 15.0	5.4		BJI	48.0 355	eP	09 31 09.0	-0.1					
	LN	$M_s=4.8$	15.0	1.20	GTA	51.1 339	eP	09 31 31.8	-1.5					
	LE		15.0	0.90										
XAN	26.6 281	eP	04 43 56.5	-0.9										
	S	04 48 20.0	-5.0											
	LN	$M_s=5.0$	16.0	1.96										
GYA	30.4 266	-P	04 44 31.0	-0.6	JUL 30d 09h 29m 15.3 ± 0.11s, SD1.35 / 43									
	pP	04 44 44.4	-2.6		52.49 S ± 2.39km, 13.12 E ± 3.15km, h12 ± 0.41km									
	S	04 49 23.0	-2.7		South-west of Africa (413)									
	PcS	04 51 11.6	0.0		$M_s=5.9 / 9, m_b=6.0 / 2,$									
	LE	$M_s=4.6$	11.0	0.50	QZN	108.9 83	PKP	09 47 40.0	-5.2					
	LZ	$M_s=4.5$	12.0	0.60										
QZN	31.2 251	eP	04 44 38.1	-0.3										
	eS	04 49 38.0	-0.9											
CD2	31.5 276	eP	04 44 38.9	-2.2	WMQ	115.4 51	PKP	09 47 57.6	-0.4					
	eS	04 49 42.0	-1.7											
	LN	$M_s=5.1$	15.0	1.97										
	LZ	$M_s=4.7$	16.0	1.34										
GTA	33.5 292	eP	04 44 57.0	-1.4										
	eS	04 50 14.0	-0.6											
	SS	04 52 21.0	0.4											
	LN	$M_s=5.1$	18.0	2.01										
	LZ	$M_s=4.5$	18.0	0.88										
KMI	34.2 266	+P	04 45 04.0	-0.6										
WMQ	42.3 300	P	04 46 13.2	1.1										
	PcS	04 51 56.0	0.8											
	S	04 52 29.0	2.0											
	LZ	$M_s=4.6$	14.0	0.60										
KSH	51.7 297	eP	04 47 25.4	-0.7										
	sP	04 47 48.0	-2.1											
	eS	04 54 41.0	-0.7											
JUL 30d 08h 31m 08.6 ± 0.11s, SD1.98 / 55														
33.27 N ± 1.99km, 140.91 E ± 2.25km, h64 ± 1.05km														
					SSE	124.7 83	ePKP	09 48 18.0	2.0					
					HHC	125.7 68	PKP	09 48 18.2	0.1					

BJI	127.8	71	PKP	09 48 21.0	-1.0					KMI	21.5	18	eP	19 19 27.0	0.7												
			PP	09 50 28.0	1.1								pP	19 19 33.0	-0.5												
			eSS	10 07 42.0	6.2								S	19 23 24.0	6.1												
			LZ			$M_s=5.5$	24.0	1.30					LN		$M_g=5.5$	12.0	5.40										
DL2	130.3	76	ePKP	09 48 26.0	-0.7					GYA	24.2	25	-P	19 19 52.0	-0.2												
			PP	09 50 36.0	-7.0								LE			12.0	4.30										
			LZ			$M_s=5.3$	20.0	0.60					eS	19 24 24.0	2.3												
SNY	133.3	74	iPKP	09 48 32.0	-0.5					GZH	25.1	41	eP	19 20 02.6	1.6												
			PP	09 51 00.0	-2.0								eS	19 24 24.0	2.3												
			LZ			$M_s=5.6$	19.0	1.13					LN		$M_g=5.4$	11.0	4.25										
CN2	135.6	73	PKP	09 48 36.6	-0.1					LSA	25.4	351	P	19 20 04.3	0.2												
			PP	09 51 17.0	0.4								pP	19 20 12.0	0.9												
			PKS	09 52 08.0	-2.3								S	19 24 30.0	4.5												
			LN			$M_s=5.8$	18.0	1.10					SME		$m_b=5.5$	6.0	0.90										
			LZ			$M_s=5.8$	20.0	1.80					SS	19 25 30.0	2.7												
MDJ	138.5	75	ePKP	09 48 44.0	1.9								LE		$M_s=4.9$	15.0	1.70										
			PP	09 51 32.0	-3.1								eP	19 20 19.6	-1.8												
			LN			$M_s=5.9$	18.0	1.41					S	19 24 53.0	-3.9												
													LE		$M_s=5.4$	12.0	4.36										
<p>JUL 30d 10h 41m $53.5 \pm 0.08s$, SD1.10 / 19 6.76 N \pm 1.35km, 127.10 E \pm 1.49km, h33 \pm 0.08km Mindanao (259)</p>										CD2	27.3	15	eP	19 20 19.6	-1.8												
QZN	20.7	308	eP	10 46 35.0	0.9								LZ		$M_s=5.2$	12.0	3.88										
XAN	31.9	331	P	10 48 17.5	-1.2					WHN	31.2	32	P	19 20 57.0	0.1												
CD2	32.5	321	P	10 48 23.3	-0.3								PMZ		$m_b=5.2$	1.5	0.060										
BJI	34.6	345	eP	10 48 41.0	-0.3								sP	19 21 09.0	1.0												
GTA	40.7	327	eP	10 49 34.2	0.8								S	19 26 00.0	-0.1												
KSH	56.2	314	eP	10 51 34.0	0.5								LN		$M_s=5.6$	12.0	3.40										
			eS	10 59 25.0	5.2								LE			12.0	3.17										
													LZ		$M_s=4.9$	12.0	1.46										
<p>JUL 30d 16h 42m $33.6 \pm 0.12s$, SD0.99 / 61 13.26 N \pm 1.29km, 144.08 E \pm 0.62km, h117 \pm 0.91km South of the Marianas (210) $m_b 5.3 / 8$,</p>										XAN	31.8	21	P	19 21 00.0	-1.7												
SSE	27.5	314	eP	16 48 07.0	-4.7								S	19 26 14.0	5.4												
NJ2	29.7	313	+P	16 48 30.4	-0.9								LN		$M_s=5.5$	11.0	1.23										
WHN	32.4	307	-P	16 48 55.0	0.7								LE			16.0	4.85										
			PMZ			$m_b=5.4$	1.0	0.070					eP	19 21 05.0	-0.8												
			pP	16 49 22.0	2.3								PMZ		$m_b=5.7$	2.5	0.31										
DL2	32.4	326	eP	16 48 54.5	0.2								PMZ			3.0	0.40										
			PMZ			$m_b=5.3$	1.0	0.055					eS	19 26 17.0	0.1												
MDJ	33.6	341	eP	16 49 04.0	-1.1								LN		$M_s=5.2$	13.0	0.90										
CN2	34.4	336	P	16 49 12.0	0.3								LE			13.0	1.70										
BJI	36.2	323	eP	16 49 27.5	0.2								LZ		$M_s=4.6$	33.0	1.90										
TIY	37.2	317	-P	16 49 36.6	0.8					GTA	34.9	6	P	19 21 27.4	-1.2												
			PMZ			$m_b=5.3$	1.0	0.050					PMZ		$m_b=5.4$	0.8	0.050										
GYA	37.4	296	P	16 49 39.0	1.6								pP	19 21 33.7	-2.4												
XAN	38.0	309	P	16 49 42.0	-0.2								eS	19 27 02.0	4.2												
HHC	39.5	320	eP	16 49 55.0	0.1								LN		$M_s=5.1$	10.0	1.10										
BTO	40.4	319	P	16 50 02.8	0.9								LZ		$M_s=5.0$	12.0	1.80										
KMI	40.6	293	-P	16 50 05.5	1.3					NJ2	34.9	36	+P	19 21 31.4	2.8												
CD2	41.0	302	-iP	16 50 07.4	0.3								eS	19 26 54.0	-3.8												
LZH	42.6	309	eP	16 50 21.5	1.0								LN		$M_s=5.2$	10.0	0.52										
			PMZ			$m_b=5.4$	1.5	0.097					LE			9.0	1.22										
			pP	16 50 46.0	-0.6					SSE	35.6	39	eP	19 21 37.5	2.6												
GTA	46.8	312	-iP	16 50 54.0	0.1								PMZ		$m_b=4.6$	1.0	0.012										
			PMZ			$m_b=5.3$	1.0	0.047					pP	19 21 45.5	2.8												
WMQ	56.8	314	-P	16 52 08.0	-0.5								eS	19 27 09.0	-0.3												
			pP	16 52 36.0	0.1								sS	19 27 19.0	-3.2												
													LN		$M_s=5.3$	11.0	1.46										
													LE			10.0	0.67										
													LZ		$M_s=4.7$	20.0	1.40										
<p>JUL 30d 19h 14m $36.4 \pm 0.13s$, SD1.40 / 85 4.58 N \pm 2.35km, 95.70 E \pm 2.19km, h24 \pm 0.32km Northern Sumatera (706) $M_s 5.4 / 36$, $m_b 5.4 / 4$, $m_b 5.3 / 6$,</p>										TIY	36.3	23	-iP	19 21 44.0	3.0												
QZN	19.9	43	eP	19 19 11.0	1.4								S	19 27 24.0	4.6												
			eS	19 22 47.0	-0.6								LE		$M_s=5.4$	13.0	2.89										
			LN			$M_s=5.3$	15.0	4.50					LZ		$M_s=5.3$	13.0	3.11										
			LE				16.0	6.10					+P	19 21 47.2	-0.4												
													eS	19 27 31.0	-1.5												
													LN		$M_s=5.3$	13.0	0.90										
													LE			13.0	1.71										

BTO	38.1	18	eP	19 21 55.0	-0.8			GTA	52.7	330	-iP	19 45 29.5	0.2			
			pP	19 22 02.0	-1.5			WMQ	62.2	326	-P	19 46 37.0	0.4			
			S	19 27 44.0	-2.1						sP	19 47 00.0	3.5			
			LN			$M_s = 5.8$	12.0	4.70			S	19 54 55.0	-0.2			
			LE				12.0	2.50	KSH	67.2	317	eP	19 47 09.5	0.5		
HHC	38.8	19	eP	19 22 02.0	0.2						eS	19 55 59.5	1.4			
			eS	19 28 00.0	1.7				<hr/> <p>JUL 30d 20h 29m 07.7 ± 0.23s, SD1.29 / 62 7.70 S ± 1.54km, 130.55 E ± 4.28km, h61 ± 0.84km Tanimbar Islands region (281) $m_b 5.3 / 6,$</p>							
			LN			$M_s = 5.5$	14.0	3.00	SSE	39.6	347	eP	20 36 36.5	1.3		
			LE				11.0	1.20			PMZ		$m_b = 5.0$	1.0	0.023	
			LZ			$M_s = 5.4$	14.0	3.80	WHN	41.1	339	eP	20 36 48.5	1.1		
KSH	39.1	335	eP	19 22 05.0	0.7						PMZ		$m_b = 5.4$	1.5	0.090	
			eS	19 28 02.0	-0.7						pP	20 37 01.2	-0.8			
			SME				1.6	2.40	GYA	41.1	326	P	20 36 48.6	0.8		
WMQ	39.7	351	P	19 22 09.0	-0.1						pP	20 37 04.0	1.7			
			S	19 28 08.5	-1.9				KMI	42.4	321	eP	20 36 59.0	0.5		
			LZ			$M_s = 4.9$	28.0	2.21	TIA	45.5	345	eP	20 37 21.7	-1.3		
BJI	39.8	25	eP	19 22 10.5	0.3				CD2	46.2	328	eP	20 37 28.0	-0.7		
			ePP	19 23 48.0	2.2				XAN	46.3	335	P	20 37 28.0	-1.7		
			eS	19 28 12.0	-1.4				DL2	47.1	350	eP	20 37 37.8	1.9		
			LN			$M_s = 5.2$	14.0	1.35	TIY	48.2	341	eP	20 37 44.0	-0.9		
			LE				14.0	0.99			PcS	20 43 07.5	2.6			
			LZ			$M_s = 5.1$	14.0	2.06	BJI	49.3	345	eP	20 37 53.5	0.4		
DL2	41.5	31	eP	19 22 24.0	0.3						ePcP	20 39 17.0	2.6			
			eS	19 28 43.0	5.2				SNY	49.7	353	+P	20 37 57.1	1.1		
			LN			$M_s = 5.3$	12.0	0.68			PMZ		$m_b = 5.1$	1.0	0.023	
			LE				14.0	1.79	LZH	50.3	332	eP	20 38 01.0	0.3		
			LZ			$M_s = 4.7$	18.0	0.88			PMZ		$m_b = 5.5$	1.5	0.088	
SNY	44.7	30	+P	19 22 49.2	-0.4						LZ		$M_s = 4.4$	30.0	0.60	
			S	19 29 24.0	0.8				HHC	51.4	342	eP	20 38 08.6	-0.3		
CN2	47.0	29	eP	19 23 09.0	0.5				CN2	51.5	355	eP	20 38 09.5	0.0		
			pP	19 23 16.5	0.2						pP	20 38 25.5	1.1			
			S	19 29 56.0	-1.3						eS	20 45 21.0	-2.2			
			LN			$M_s = 5.3$	14.0	1.00			LZ		$M_s = 4.6$	20.0	0.60	
			LE				14.0	1.00	BTO	51.6	340	eP	20 38 10.0	-1.0		
			LZ			$M_s = 4.9$	18.0	1.20	MDJ	52.1	359	eP	20 38 15.0	0.9		
MDJ	49.7	31	eP	19 23 33.0	3.7				GTA	54.8	331	eP	20 38 33.8	-0.9		
<hr/> <p>JUL 30d 19h 36m 17.6 ± 0.08s, SD0.92 / 81 4.98 S ± 1.12km, 130.96 E ± 1.27km, h56 ± 0.23km Banda Sea (280) $M_s 4.8 / 1, m_b 5.3 / 9,$</p>																
QZN	31.7	319	+P	19 42 38.9	0.8				WMQ	64.3	327	P	20 39 39.6	0.1		
SSE	37.1	346	-P	19 43 24.6	0.1						sP	20 40 03.6	2.4			
			PMZ			$m_b = 5.1$	1.2	0.040			eS	20 48 09.5	-1.3			
WHN	38.7	337	-iP	19 43 40.0	1.6				KSH	68.9	317	eP	20 40 09.5	0.4		
			PMZ			$m_b = 5.1$	1.0	0.030			eS	20 49 05.0	-2.4			
			pP	19 43 52.0	0.1				<hr/> <p>JUL 30d 21h 09m 45.1 ± 0.10s, SD0.78 / 63 7.69 S ± 0.85km, 130.58 E ± 1.99km, h32 ± 0.17km Tanimbar Islands region (281) $m_b 5.2 / 4,$</p>							
			S	19 49 31.0	0.9				SSE	39.6	347	+P	21 17 16.5	1.0		
GYA	39.1	324	P	19 43 42.0	0.2						PMZ		$m_b = 4.8$	0.8	0.014	
			pP	19 43 56.0	0.8				WHN	41.1	338	+P	21 17 29.0	1.2		
			S	19 49 36.0	0.0						PMZ		$m_b = 5.1$	1.0	0.030	
KMI	40.6	319	-P	19 43 55.5	1.4						pP	21 17 39.7	2.6			
TIA	43.0	344	-P	19 44 12.8	-0.7				GYA	41.1	326	P	21 17 28.6	0.3		
XAN	44.0	333	P	19 44 21.5	-0.7						pP	21 17 39.0	1.6			
CD2	44.2	326	P	19 44 22.7	-0.3				KMI	42.4	321	eP	21 17 40.0	1.0		
DL2	44.5	350	P	19 44 26.7	0.9				TIA	45.5	345	eP	21 18 03.3	-0.1		
TIY	45.8	339	iP	19 44 36.5	0.0				CD2	46.2	327	-iP	21 18 08.8	-0.5		
			PMZ			$m_b = 5.3$	1.0	0.040	XAN	46.3	335	P	21 18 09.2	-0.9		
BJI	46.8	344	-P	19 44 44.0	-0.1				TIY	48.2	341	-P	21 18 25.4	0.0		
SNY	47.1	352	-P	19 44 45.6	-0.5				BJI	49.3	345	P	21 18 33.5	-0.1		
LZH	48.1	330	eP	19 44 55.0	0.5				SNY	49.7	353	+P	21 18 36.7	0.2		
			PMZ			$m_b = 5.5$	1.5	0.10	LZH	50.3	332	eP	21 18 41.0	-0.2		
			sP	19 45 14.0	0.2						PMZ		$m_b = 5.4$	1.5	0.079	
CN2	48.8	355	eP	19 44 58.6	-1.1				HHC	51.4	342	eP	21 18 49.1	-0.3		
HHC	48.9	340	eP	19 45 01.0	0.1											
BTO	49.3	339	eP	19 45 03.0	-0.3											
MDJ	49.4	359	eP	19 45 03.5	-0.6											
LSA	51.4	315	P	19 45 20.7	0.5											

CN2	51.5	355	+P	21 18 49.7	-0.2
BTO	51.6	340	eP	21 18 51.4	-0.1
MDJ	52.1	359	eP	21 18 55.0	0.5
GTA	54.8	331	+iP	21 19 15.0	-0.3
WMQ	64.3	327	P	21 20 20.5	0.4
			eS	21 28 49.0	-5.6

JUL 31d 07h 00m 18.8 ± 0.07s, SD0.91 / 21
54.07 N ± 1.74km, 164.21 W ± 1.13km, h58 ± 0.52km

Unimak Island region (10)

CN2	45.5	287	eP	07 08 34.4	-0.4
TIY	56.9	290	eP	07 10 01.5	0.7
WHN	61.0	283	eP	07 10 29.5	0.1
XAN	61.5	289	P	07 10 32.0	-0.7
WMQ	64.9	311	eP	07 10 54.5	-0.3
CD2	66.7	291	eP	07 11 07.2	0.4
GYA	68.5	286	P	07 11 19.0	1.0

JUL 31d 09h 43m 23.0 ± 0.13s, SD1.67 / 31
3.58 N ± 1.49km, 126.63 E ± 2.44km, h93 ± 1.24km

Talau Islands (263)

SSE	27.8	350	eP	09 49 06.5	0.4
WHN	29.2	338	eP	09 49 18.2	-0.1
TIA	33.6	346	eP	09 49 57.4	0.4
XAN	34.5	334	P	09 50 03.0	-1.5
CD2	34.7	324	eP	09 50 02.9	-3.3
TIY	36.4	341	eP	09 50 25.2	4.8
BJI	37.5	347	eP	09 50 30.0	0.2
SNY	38.2	356	+P	09 50 36.6	1.3

JUL 31d 09h 58m 18.7 ± 0.03s, SD2.67 / 7
40.96 N ± 0.38km, 78.13 E ± 0.42km, h13 ± 0.01km

Kirgiziya-Xinjiang border region (320)

M_L3.4 / 7,

KSH	2.2	230	ePn	09 58 56.0	0.1
			eSn	09 59 26.5	1.6
			SMN	M _L =3.3	0.3 0.40
			SME		0.5 0.040
WMQ	7.6	65	ePn	10 00 13.6	3.3
			SMN	M _L =3.3	1.0 0.010
			SME		1.0 0.010

JUL 31d 12h 56m 45.7 ± 0.07s, SD1.27 / 52
40.62 N ± 1.67km, 144.68 E ± 1.37km, h8 ± 0.46km

Off east coast of Honshu (229)

m_b5.1 / 1,

MDJ	11.8	295	+P	12 59 38.0	0.2
CN2	14.6	289	eP	13 00 15.5	0.7
SNY	15.9	281	eP	13 00 32.2	0.1
DL2	17.8	272	eP	13 00 55.0	-0.8
BJI	21.7	278	eP	13 01 39.0	-0.5
			eS	13 05 33.5	-1.6
TIA	22.0	267	eP	13 01 42.5	0.1
NJ2	22.4	256	+P	13 01 47.0	0.2
TIY	25.1	274	eP	13 02 14.0	1.2
BTO	26.2	281	eP	13 02 25.1	1.8
WHN	26.5	257	eP	13 02 26.5	0.5
XAN	29.0	268	P	13 02 50.0	1.1
LZH	32.1	275	eP	13 03 19.0	2.5
			PMZ	m _b =5.1	1.5 0.044
GTA	34.1	283	eP	13 03 34.0	0.4
CD2	34.3	267	eP	13 03 36.9	1.5
GYA	34.4	258	P	13 03 35.8	-0.4
WMQ	41.6	294	eP	13 04 37.8	1.4
			PcP	13 06 36.0	2.6

JUL 31d 13h 40m 34.9 ± 0.08s, SD1.14 / 29
21.02 S ± 1.82km, 174.20 W ± 2.31km, h31 ± 0.28km

Tonga (173)

MDJ	83.0	323	eP	13 52 59.4	0.0
DL2	84.6	315	eP	13 53 07.8	0.5
CN2	84.9	321	eP	13 53 08.5	-0.5
			pP	13 53 18.5	0.3
BJI	88.8	314	eP	13 53 28.0	0.2
XAN	91.3	306	P	13 53 40.5	0.9

JUL 31d 17h 07m 25.2 ± 0.29s, SD2.15 / 84
8.00 S ± 4.40km, 121.33 E ± 3.71km, h14 ± 0.36km

Flores region (286)

M_s6.3 / 51, m_b6.6 / 29, m_b6.4 / 20,

QZN	29.1	337	eP	17 13 28.6	0.2
			pP	17 13 38.5	4.1
			PP	17 14 17.0	-5.1
			ScP	17 20 12.5	-2.8
			eS	17 18 17.0	-1.9
			sS	17 18 31.5	2.5
			PcS	17 20 17.5	0.5
			LN	M _s =6.2	16.0 32.4
GZH	31.9	346	+P	17 13 56.4	3.9
			iS	17 19 02.0	0.2
			LN	M _s =6.4	14.0 19.2
			LE		16.0 28.9
			LZ	M _s =6.0	20.0 33.9
QZH	32.8	355	eP	17 14 02.0	1.0
			S	17 19 14.0	-2.3
			sS	17 19 26.0	-1.3
			LN	M _s =5.8	15.0 5.79
			LE		15.0 8.04
			LZ	M _s =5.9	24.0 27.7
GYA	37.1	338	P	17 14 36.8	-0.7
			sP	17 14 51.0	4.6
			S	17 20 26.0	4.1
			LN	M _s =6.5	16.0 25.3
			LE		16.0 34.5
			LZ	M _s =6.1	16.0 26.5
KMI	37.6	332	eP	17 14 42.0	0.4
			PMZ	m _B =6.4	5.0 3.60
			PP	17 16 08.0	-1.2
			S	17 20 24.0	-5.2
			sS	17 20 43.0	2.7
			LN	M _s =6.4	15.0 30.0
SSE	38.9	360	eP	17 14 53.0	0.8
			PMZ	m _b =6.7	1.3 1.63
			PMZ	m _B =6.8	5.0 8.02
			pP	17 15 02.0	3.6
			PP	17 16 30.0	5.2
			S	17 20 50.0	1.1
			sS	17 21 03.0	2.9
			SS	17 23 38.0	6.5
			LN	M _s =6.2	18.0 17.0
			LE		16.0 7.35
			LZ	M _s =5.9	20.0 16.3
WHN	38.9	350	eP	17 14 54.5	2.0
			PMZ	m _B =6.7	6.0 8.68
			S	17 20 48.0	-1.4
			SMN	m _B =6.7	7.0 7.42
			SME		8.0 5.88
			PcS	17 20 54.0	2.7
			LN	M _s =6.2	16.0 15.4
			LE		14.0 11.8
			LZ	M _s =5.8	24.0 17.8
NJ2	39.9	357	-iP	17 15 01.0	0.3
			PMZ	m _b =6.9	2.0 4.24
			S	17 21 00.0	-4.3
			LN	M _s =6.1	16.0 8.02
			LE		17.0 11.4

CD2	42.2 337	LZ	$M_s = 6.1$	18.0	23.3	S	17 23 26.5	1.8	SMN	$m_B = 6.5$	11.0	5.82																	
		eP	17 15 17.3	-2.5	SME								10.0	2.59															
		pP	17 15 24.0	-1.8																									
		S	17 21 40.0	1.6																									
		LE	$M_s = 6.8$	16.0											57.5														
LZ	$M_s = 6.2$	16.0	28.0																										
XAN	43.4 345	P	17 15 28.0	-1.9	GTA	51.2 339	P	17 16 35.1	4.1	PMZ	$m_B = 6.3$	1.6	0.74																
		PMZ	$m_B = 6.5$	8.0										6.38															
		S	17 22 00.0	3.5																									
		LN	$M_s = 6.1$	18.0										8.04															
		LE		13.0										9.52															
TIA	44.1 355	-P	17 15 34.5	-1.1	CN2	51.7 4	eP	17 16 32.2	-2.2	PMZ	$m_B = 6.3$	7.0	3.30																
		S	17 22 12.0	5.0																									
		SMN		13.0										11.1															
		SME		12.0										7.50															
		LE	$M_s = 6.2$	17.0										15.0															
TIY	46.2 350	LZ	$M_s = 6.0$	28.0	24.6	pP	17 16 43.0	2.4	ScP	17 21 44.0	2.0	S	17 23 50.0	-3.2															
		eP	17 15 51.0	-1.3																									
		PMZ	$m_B = 6.9$	6.0	10.8																								
		S	17 22 39.0	2.2																									
		LN	$M_s = 6.3$	18.0	21.0																								
DL2	46.7 0	+iP	17 15 56.0	0.4	MDJ	52.9 7	eP	17 16 41.5	-2.0	pP	17 16 50.0	0.3	S	17 24 09.0	-0.7														
		S	17 22 40.0	-3.0																									
		LN	$M_s = 6.3$	15.0												9.74													
		LE		15.0												11.3													
		LZ	$M_s = 5.6$	40.0												14.4													
LZH	46.8 341	eP	17 15 56.0	-1.2	WMQ	59.9 332	P	17 17 32.2	-1.5	S	17 25 48.0	5.5	SME	$m_B = 7.0$	11.0	22.5													
		PMZ	$m_B = 5.6$	1.2													0.10												
		pP	17 16 03.5	0.4																									
		sP	17 16 07.0	0.9																									
		PP	17 17 45.0	-1.3																									
		eS	17 22 50.0	3.2																									
		SME	$m_B = 6.9$	5.0													8.07												
		sS	17 23 01.0	4.2																									
		LN	$M_s = 6.5$	18.0													20.9												
		LE		17.0													24.4												
		LZ	$M_s = 6.2$	30.0													39.4												
		LSA	47.4 324	P													17 16 04.0	2.0	NJ2	66.7 316	+P	21 39 49.0	-0.8	WHN	68.9 312	P	21 40 03.7	0.0	
				S													17 22 58.5	4.9											
				SME													$m_B = 6.5$	7.0											4.90
				SS													17 26 15.0	0.2											
LN	$M_s = 6.3$			19.0	18.0																								
BJI	48.0 355	eP	17 16 05.5	-0.9	MDJ	69.3 332	eP	21 40 05.5	-0.7	DL2	69.3 323	eP	21 40 06.0	-0.2															
		PMZ	$m_B = 6.5$	5.0											4.08														
		ePP	17 17 57.0	-0.1																									
		eS	17 23 02.0	-1.4																									
		eSS	17 26 26.0	-0.1																									
HHC	49.4 350	LN	$M_s = 6.1$	16.0	10.7	BJI	73.3 321	eP	21 40 30.0	0.2	TIY	74.3 317	-P	21 40 36.4	0.8														
		LZ	$M_s = 6.1$	18.0	18.7																								
		eP	17 16 16.0	-1.4																									
		sP	17 16 30.0	3.7																									
		S	17 23 28.0	6.0																									
BTO	49.5 349	SMN		14.0	5.50	XAN	74.7 313	P	21 40 38.0	0.1	KMI	75.2 302	+P	21 40 42.0	0.9														
		SME		13.5	6.40																								
		LN	$M_s = 6.3$	15.0	11.2																								
		LE		17.0	9.50																								
		LZ	$M_s = 6.0$	23.0	18.9																								
SNY	49.6 2	-iP	17 16 17.0	-0.6	CD2	27.2 15	eP	22 11 57.4	-0.6	WHN	31.1 32	eP	22 12 34.5	1.5															
		pP	17 16 27.0	3.4																									
		PP	17 18 09.0	-2.4																									
		S	17 23 21.5	-1.0																									
		LN	$M_s = 6.3$	17.0											13.1														
GTA	51.2 339	LE		17.0	10.8	XAN	31.7 21	P	22 12 36.0	-2.1	GTA	34.8 5	eP	22 13 03.7	-1.7														
		PMZ	$m_B = 6.4$	1.4	0.83																								
		PMZ	$m_B = 6.4$	10.0	5.93																								
		PcP	17 17 39.0	-0.6																									
		LN	$M_s = 6.3$	17.0	13.1																								
WMQ	59.9 332	LN	$M_s = 6.3$	17.0	13.1	WMQ	39.7 351	eP	22 13 49.8	3.4	GTA	34.8 5	eP	22 13 03.7	-1.7														
		LE		17.0	10.8																								
		LZ	$M_s = 6.0$	23.0	18.9																								
		-iP	17 16 17.0	-0.6																									
		pP	17 16 27.0	3.4																									
KSH	63.2 322	PP	17 17 45.0	-1.3	KSH	63.2 322	eP	17 17 55.0	-1.3	pP	17 18 06.0	3.6	PP	17 20 14.0	-1.8														
		eS	17 22 50.0	3.2																									
		SME	$m_B = 6.9$	5.0												8.07													
		sS	17 23 01.0	4.2																									
		LN	$M_s = 6.5$	18.0												20.9													
KSH	63.2 322	LN	$M_s = 6.5$	18.0	20.9	LN	$M_s = 6.8$	20.0	44.7	eS	17 26 24.0	-2.4	LN	$M_s = 6.8$	20.0	44.7													
		LE		17.0	24.4																								
		LZ	$M_s = 6.2$	30.0	39.4																								
		P	17 16 04.0	2.0																									
		S	17 22 58.5	4.9																									
KSH	63.2 322	SME	$m_B = 6.5$	7.0	4.90	GTA	51.2 339	P	17 16 35.1	4.1	PMZ	$m_B = 6.3$	1.6	0.74															
		SS	17 26 15.0	0.2																									
		LN	$M_s = 6.3$	19.0	18.0																								
		eP	17 16 05.5	-0.9																									
		PMZ	$m_B = 6.5$	5.0	4.08																								
KSH	63.2 322	ePP	17 17 57.0	-0.1	KSH	63.2 322	eP	17 17 55.0	-1.3	pP	17 18 06.0	3.6	PP	17 20 14.0	-1.8														
		eS	17 23 02.0	-1.4																									
		eSS	17 26 26.0	-0.1																									
		LN	$M_s = 6.1$	16.0												10.7													
		LZ	$M_s = 6.1$	18.0												18.7													
KSH	63.2 322	eP	17 16 16.0	-1.4	KSH	63.2 322	eP	17 17 55.0	-1.3	pP	17 18 06.0	3.6	PP	17 20 14.0	-1.8														
		sP	17 16 30.0	3.7																									
		S	17 23 28.0	6.0																									
		SMN		14.0												5.50													
		SME		13.5												6.40													
KSH	63.2 322	LN	$M_s = 6.3$	15.0	11.2	KSH	63.2 322	eP	17 17 55.0	-1.3	pP	17 18 06.0	3.6	PP	17 20 14.0	-1.8													
		LE		17.0	9.50																								
		LZ	$M_s = 6.0$	23.0	18.9																								
		-iP	17 16 17.0	-0.6																									
		pP	17 16 27.0	3.4																									
KSH	63.2 322	PP	17 17 45.0	-1.3	KSH	63.2 322	eP	17 17 55.0	-1.3	pP	17 18 06.0	3.6	PP	17 20 14.0	-1.8														
		eS	17 22 50.0	3.2																									
		SME	$m_B = 6.9$	5.0												8.07													
		sS	17 23 01.0	4.2																									
		LN	$M_s = 6.5$	18.0												20.9													
KSH	63.2 322	LN	$M_s = 6.5$	18.0	20.9	KSH	63.2 322	eP	17 17 55.0	-1.3	pP	17 18 06.0	3.6	PP	17 20 14.0	-1.8													
		LE		17.0	24.4																								
		LZ	$M_s = 6.2$	30.0	39.4																								
		P	17 16 04.0	2.0																									
		S	17 22 58.5	4.9																									
KSH	63.2 322	SME	$m_B = 6.5$	7.0	4.90	KSH	63.2 322	eP	17 17 55.0	-1.3	pP	17 18 06.0	3.6	PP	17 20 14.0	-1.8													
		SS	17 26 15.0	0.2																									
		LN	$M_s = 6.3$	19.0	18.0																								
		eP	17 16 05.5	-0.9																									
		PMZ	$m_B = 6.5$	5.0	4.08																								
KSH	63.2 322	ePP	17 17 57.0	-0.1	KSH	63.2 322	eP	17 17 55.0	-1.3	pP	17 18 06.0	3.6	PP	17 20 14.0	-1.8														
		eS	17 23 02.0	-1.4																									
		eSS	17 26 26.0	-0.1																									
		LN	$M_s = 6.1$	16.0												10.7													
		LZ	$M_s = 6.1$	18.0												18.7													
KSH	63.2 322	eP	17 16 16.0	-1.4	KSH	63.2 322	eP	17 17 55.0	-1.3	pP	17 18 06.0	3.6	PP	17 20 14.0	-1.8														
		sP	17 16 30.0	3.7																									
		S	17 23 28.0	6.0																									
		SMN		14.0												5.50													
		SME		13.5												6.40													
KSH	63.2 322	LN	$M_s = 6.3$	15.0	11.2	KSH	63.2 322	eP	17 17 55.0	-1.3	pP	17 18 06.0	3.6	PP	17 20 14.0	-1.8													
		LE		17.0	9.50																								
		LZ	$M_s = 6.0$	23.0	18.9																								
		-iP	17 16 17.0	-0.6																									
		pP	17 16 27.0	3.4																									
KSH	63.2 322	PP	17 17 45.0	-1.3	KSH	63.2 322	eP	17 17 55.0	-1.3	pP	17 18 06.0	3.6	PP	17 20 14.0	-1.8														
		eS	17 22 50.0	3.2																									
		SME	$m_B = 6.9$	5.0												8.07													
		sS	17 23 01.0	4.2																									
		LN	$M_s = 6.5$	18.0												20.9													
KSH	63.2 322	LN	$M_s = 6.5$	18.0	20.9	KSH	63.2 322	eP	17 17 55.0	-1.3	pP	17 18 06.0	3.6	PP	17 20 14.0	-1.8													
		LE		17.0	24.4																								
		LZ	$M_s = 6.2$	30.0	39.4																								
		P	17 16 04.0	2.0																									
		S	17 22 58.5	4.9																									
KSH	63.2 322	SME	$m_B = 6.5$	7.0	4.90	KSH	63.2 322	eP	17 17 55.0	-1.3	pP	17 18 06.0	3.6	PP	17 20 14.0	-1.8													
		SS	17 26 15.0	0.2																									
		LN	$M_s = 6.3$	19.0	18.0																								
		eP	17 16 05.5	-0.9																									
		PMZ	$m_B = 6.5$	5.0	4.08																								
KSH	63.2 322	ePP	17 17 57.0	-0.1	KSH	63.2 322	eP	17 17 55.0	-1.3	pP	17 18 06.0	3.6	PP	17 20 14.0	-1.8														
		eS	17 23 02.0	-1.4																									
		eSS	17 26 26.0	-0.1																									
		LN	$M_s = 6.1$	16.0												10.7													
		LZ	$M_s = 6.1$	18.0												18.7													
KSH	63.2 322	eP	17 16 16.0	-1.4	KSH	63.2 322	eP	17 17 55.0	-1.3	pP	17 18 06.0	3.6	PP	17 20 14.0	-1.8														
		sP	17 16 30.0	3.7																									
		S	17 23 28.0	6.0																									
		SMN		14.0												5.50													
		SME		13.5												6.40													
KSH	63.2 322	LN	$M_s = 6.3$	15.0	11.2	KSH	63.2 322	eP	17 17 55.0	-1.3	pP	17 18 06.0	3.6	PP	17 20 14.0	-1.8													
		LE																											