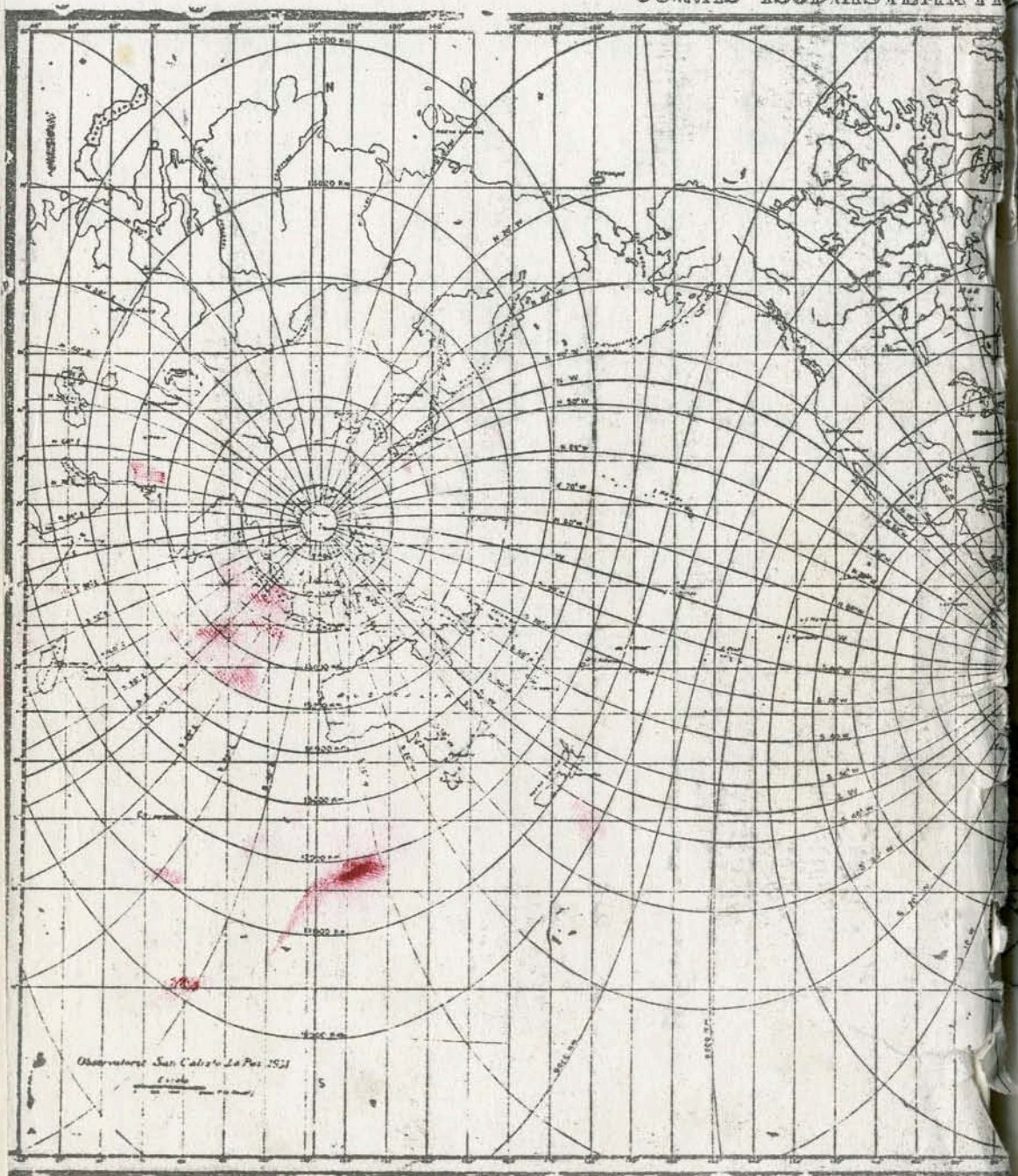
CURVAS ISODIASTEMA TI



RA LA PAZ

SEISMIC BULLETIN

OBSERVATORIO SAN CALIXTO.

LA PAZ — BOLIVIA

1 ENERO — 31 MARZO 1966.

O B S E R V A T O R I O

S A N C A L I X T O

L A P A Z B O L I V I A

S E I S M O L O G I C A L B U L L E T I N

1º ENERO - 31 MARZO

1 9 6 6

Network Director
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Assisted by

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Casilla 283, La Paz,
BOLIVIA, South America.

STATIONS OF THE "SAN CALIXTO OBSERVATORIO" NETWORK

This Bulletin contains seismological information obtained at the following stations of Bolivia:

LOCATION	CODE	LATITUDE	LONGITUDE	ALTITUDE (Mts)	INSTRUMENTS	MAGNIFICATION
Penas	PNS	16° 16' 02"S	68° 28' 24"W	3986	Seismic array of seven short-period vertical Johnson-Matheson, To =1,25 sec	
					Tg=.337 sec	400,000 at 1 cps
					SP Hor. Benioff, To=1 sec, Tg=.2 sec	500,000 at 1 cps
					LP, three components Sprengnether,	
					To= 20 sec., Tg= 30 sec	50,000 at 25 sec
La Paz (WWNSS)	LPB	16° 31'57.6"S	68° 05'54.1"W	3292	SP vertical Benioff, To= 1.sec.Tg=.75sec	50,000 at 1 cps
					SP horizontal Benioff, To= 1.sec.Tg=	
					.75 sec	50.000 at 1 cps
					LP, three components Sprengnether,	
					To= 5 sec., Tg= 100 sec.	1,5000 at 30 sec.
La Paz (Colegio)	LPZ	16° 29'43"S	68° 07'57.7"W	3658	Wilson-Lamison, SP vertical,To=1.2 sec	
					TG= 1.sec.	
					LP, three components, Galitzin-Wilip	
					To= 12 sec., Tg=12.6 sec	1,000 at 12 sec.
					Mainka, NS, To= 14 sec.,EW,To= 12 sec.	180 and 300
					San Calixto Pendulum, NS, EW,To=2.4 sec.	700
Cochabamba	CCH	17° 24' S	66° 07' W	2500	SP vertical Wilson-Lamison to= 3.sec	
Desaguadero	DSG	16° 33'34"S	69° 01'30"W	3810	SP vertical Wilson-Lamison To= 1.sec.	
Samaipata	SMB	18° 10' S	63° 51' W	1650	SP vertical Wilson-Lamison To= 1.sec.	
Sicasica	SCS	17° 17'05"S	67° 48'55"W	3900	SP vertical Wilson-Lamison To= 1.sec.	
Tarija	TRJ	21° 30'47"S	64° 46'34"W	2100	SP vertical Wilson-Lamison To= 3.sec.	

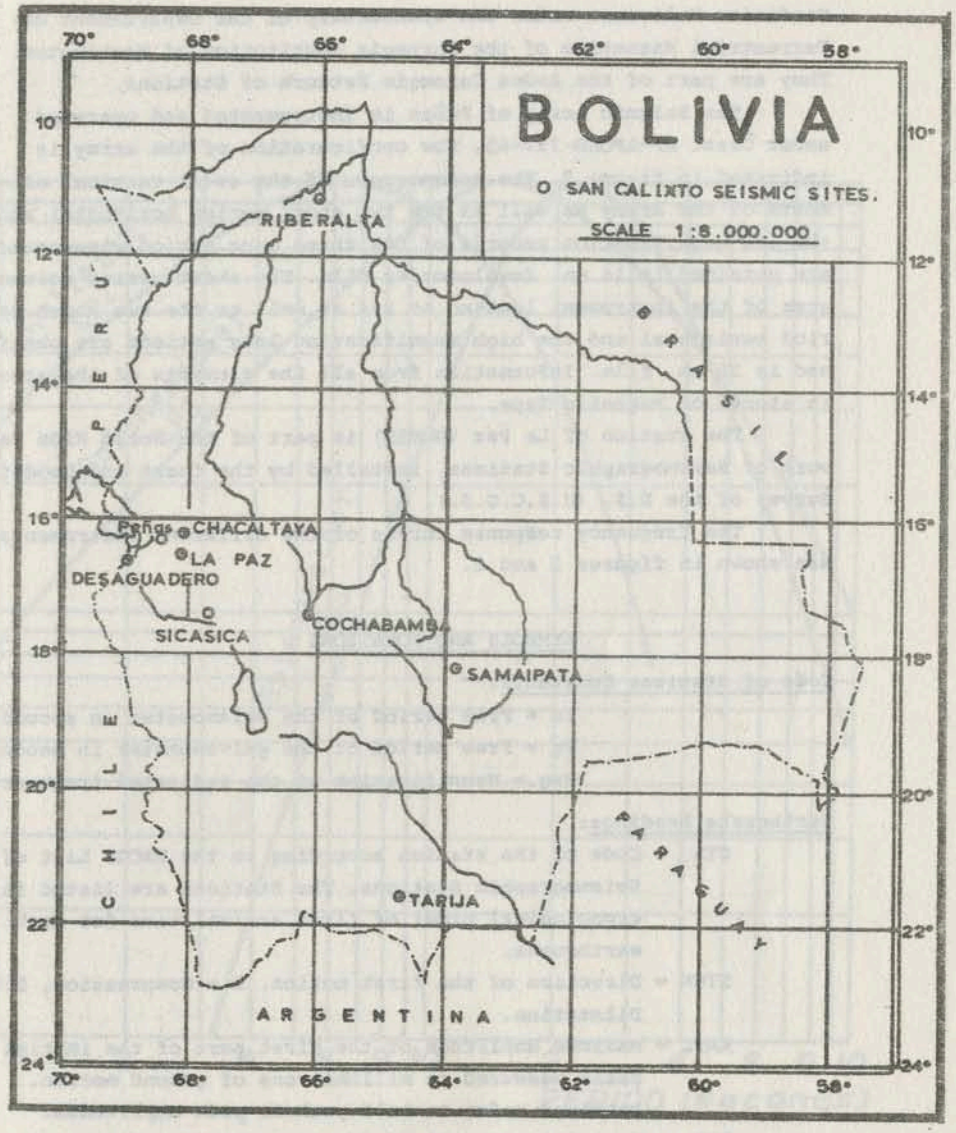


Fig.1. Location of Bolivian network of seismic stations.

The stations of Cochabamba, Desaguadero, Samaipata, Sicasica and Tarija are operated in cooperation with the Instituto Geofisico Boliviano under the sponsorship of the Departament of Terrestrial Magnetism of the Carnegie Institution of Washington. They are part of the Andes Carnegie Network of Stations.

The Seismic Array of Peñas is instrumented and operated under Grant AF-AFOSR-792-65. The configuration of the array is indicated in figure 2. The seismograms of the seven vertical elements of the array as well as the two short period horizontal and the low magnification records of the three long period components are obtained in 16 mm. develocorder film. The short period seismogram of the instrument located at Z-4 as well as the two short period horizontal and the high magnification long petiods are obtained in 35 mm. film. Information from all the elements of the array is stored on Magnetic Tape.

The station of La Paz (WWNSS) is part of the World Wide Network of Seismographic Stations, installed by the Coast and Geodetic Survey of the U.S. (U.S.C.G.S.).

The frequency response curves of the different instruments are shown in figures 2 and 3.

SYMBOLS AND NOTATIONS

Code of Stations Constants:

To = Free period of the seismometer in seconds.
Tg = Free period of the galvanometer in seconds.
Mag.= Magnification at the indicated frequency.

Earthquake Readings:

STA = Code of the station according to the USCGS List of Seismographic Stations. The Stations are listed in cronological order of first arrival time for each earthquake.

SIGN = Direction of the first motion. C = Compression, D = Dilatation.

AMPL = Maximum amplitude of the first part of the initial phase measured in millimicrons of ground motion. Readings refer to half peak-to-peak amplitudes.

PER = Period in seconds of the wave whose amplitude was measured.

DIST = Epicentral distance to La Paz, Bolivia, measured in a map of Isodiastematic Curves centered at La Paz.

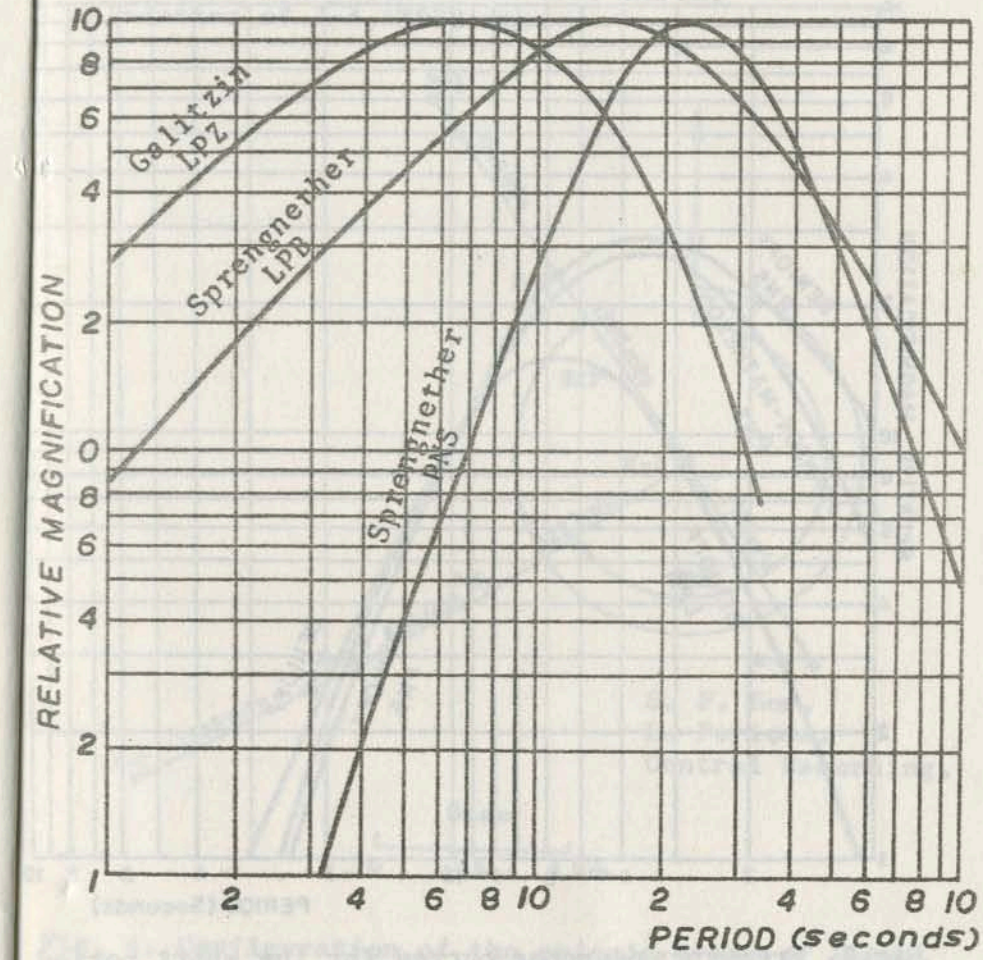


Fig. 2. Frecuency response curves for the long period instruments.

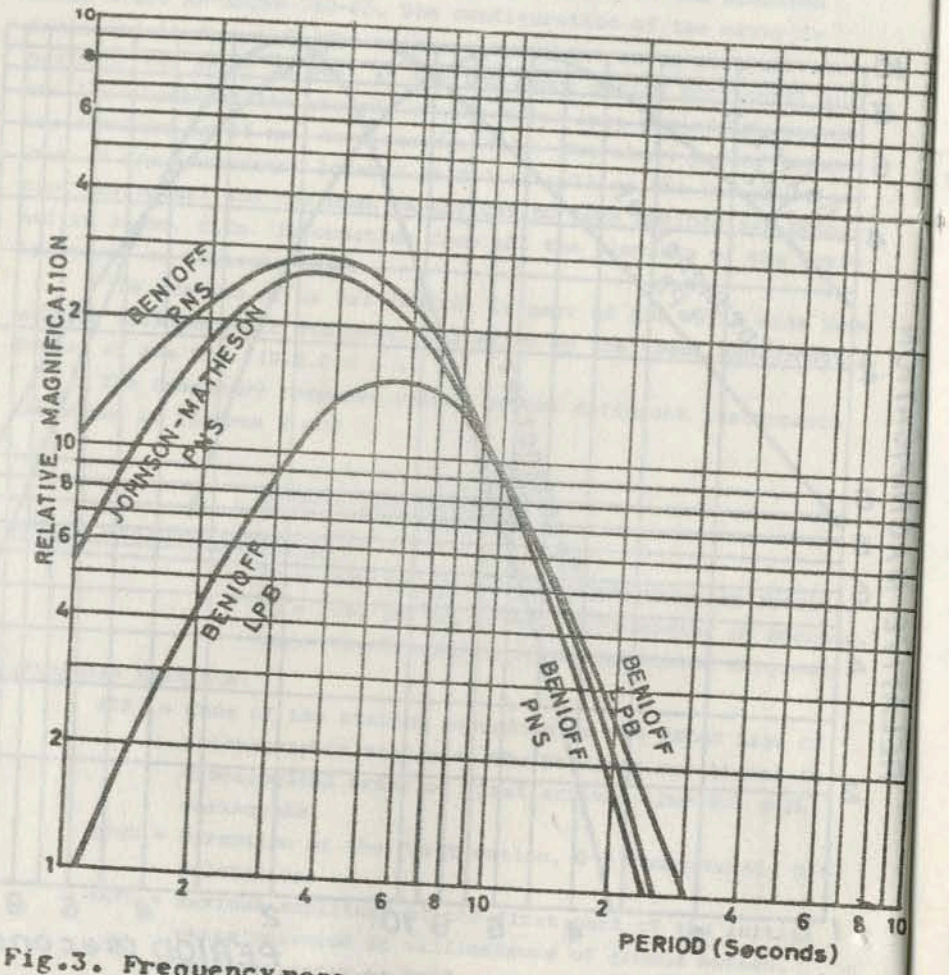
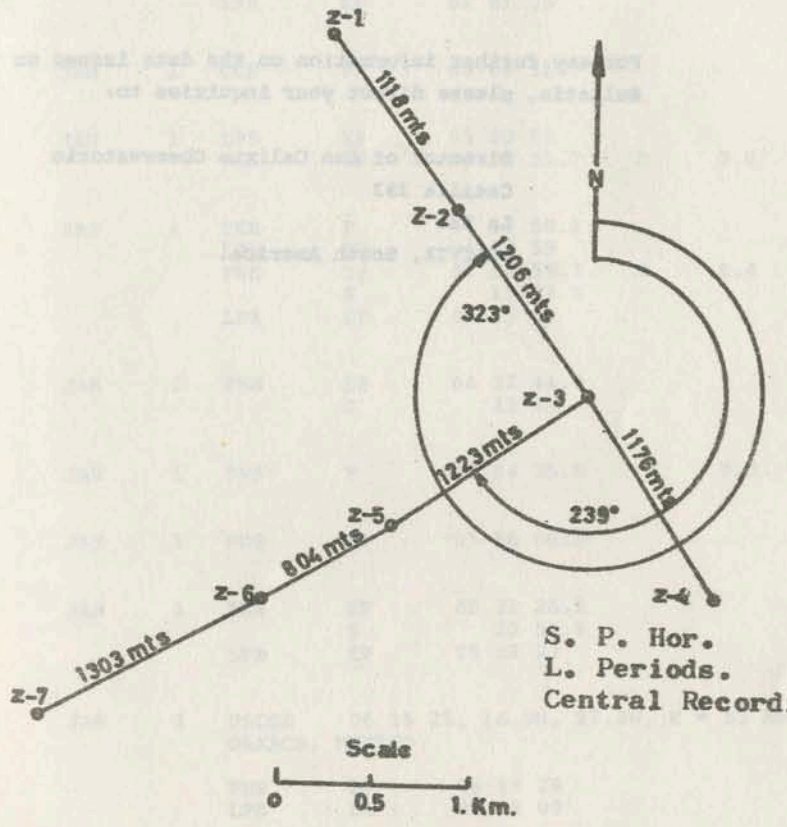


Fig.3. Frequency response curves for the short period instruments.

Orientation of Horizontal Instruments.
Radial 141° from true north.
Transversal, 231° from true north.
Elevation of Z-4, 3986 mts.



S. P. Hor.
L. Periods.
Central Recording.

Fig. 4. Configuration of the seismic array of Peñas, PNS.

For earthquakes not identified by the USCGS the epicentral distance has been calculated from the S-P travel times assuming a normal depth of the focus.

For any further information on the data issued on this Bulletin, please direct your inquiries to:

Director of San Calixto Observatorio
Casilla 283
La Paz
BOLIVIA, South America.

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	1	PNS	EP	00 16 16				
JAN	1	USCGS	01 59 53, 16.3S, 73.4W, H = 33 Km					
		NR C OF PERU						
		PNS	IP	02 01 03.0	C	0.5	6.2	4.5
			S	01 54.8				
		LPB	EP	02 01 05				4.9
JAN	1	CCH	P	03 00 31.5				
JAN	1	LPB	EP	03 20 51				
		PNS	IP	03 20 51.7	D	0.8	17.0	
JAN	1	CCH	P	04 14 50.1				
		LPB	EP	04 14 59				
		PNS	IP	04 14 59.3	D	0.4	2.8	2.9
			S	15 33.5				
		LPZ	EP	04 15 00				
JAN	1	PNS	EP	04 22 44.0				4.9
			S	23 40				
JAN	1	PNS	P	05 04 35.9		0.3	2.6	
JAN	1	PNS	EP	05 18 00.5				
JAN	1	PNS	EP	05 22 26.5				2.5
			S	22 56.9				
		LPB	EP	05 22 27				
JAN	1	USCGS	06 36 25, 16.9N, 97.8W, H = 53 Km, M = 4.2					
		OAXACA, MEXICO						
		PNS	EP	06 44 26				
		LPB	EL	06 58 00				44.1
JAN	1	PNS	IP	08 35 21.4	C	0.9	10.7	
		LPZ	EP	08 35 23				
		LPB	EP	08 35 24				
JAN	1	USCGS	09 00 05, 16.4S, 72.1W, H = 40 Km					
		NR C OF PERU						
		PNS	EP	09 00 43.8				5.1
			I	00 59.6				
			S	01 42.0				
		LPB	EP	09 01 03				4.0
			EPG	01 16.5				
			S	01 53.5				
		LPZ	EP	09 01 04				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	
JAN	1	CCH	P	09 13 07.3	C			
		PNS	EP	09 13 40				
			S	14 12.7				
JAN	1	TRJ	P	10 48 45.5	D			
			(S)	49 36.0	D			
		LPB	P	10 48 46.5				
		LPZ	P	10 48 48		1.0	33.0	
		PNS	IP	10 48 49.8	C	0.7	20.2	
			(S)	49 26.8				
JAN	1	LPB	EP	12 36 27				
		PNS	EP	12 36 28				
JAN	1	USCGS	12 24 30.1, 9.7S, 154.7E, H = 33 Km, M = 5.6					
		DENTRECASTEAUX IS REGION						
		PNS	EPKP	12 43 42				
		LPZ	EPKP	12 43 42				
		LPB	EPKP	12 43 42				
			EL	13 41 00				130
JAN	1	USCGS	13 23 38.8, 42.8N, 78.2W, H = 10 Km, M = 4.7					
		NEW YORK						
		LPB	EP	13 33 40				
		PNS	EP	13 33 43				59
JAN	1	TRJ	IP	14 21 46.7	C			
JAN	1	LPB	EP	17 07 03				
		PNS	EP	17 07 04.6		0.5	3.4	
JAN	1	PNS	P	18 11 09.6				
			(S)	11 54.8				3.
		LPB	EP	18 11 22				
		LPZ	EP	18 11 23				
JAN	1	USCGS	19 25 50.9, 6N, 25.4W, H = 33 Km, M = 4.8					
		CENTRAL MID ATLANTIC RIDGE						
		LPB	P	19 34 09				
			SS	44 18		1.2	26.0	48.
			EL	49 00				
		LPZ	EP	19 34 09				
		PNS	EP	19 34 11.2				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	1	USCGS	19 51 54, 7.9S, 74.9W, h = 144 Km, M = 4.0					
		PERU-BRAZIL BORDER REGION						
		PNS	EP	19 54 19.9		0.3	2.6	8.6
			S	55 56.5				
		LPZ	EP	19 54 20				
		LPB	EP	19 54 20				10.8
JAN	1	CCH	IP	21 31 56.8	C			
JAN	1	LPB	EP	21 36 29				2.5
			S	36 59				
		PNS	EP	21 36 35.2		0.3	3.1	3.1
			S	37 11.7				
JAN	1	CCH	IP	23 34 17.6	D			
		LPB	EP	23 35 00				
		PNS	EP	23 35 01				3.1
			S	35 37.3				
JAN	2	USCGS	02 45 39, 30.4S, 67.4W, H = 243 Km, M = 3.9					
		SAN JUAN PROVINCE, ARGENTINA						
		LPB	EP	02 48 17				13.5
		LPZ	EP	02 48 20				
JAN	2	TRJ	IP	03 13 18.1	D			
		LPB	EP	03 14 04				
		PNS	IP	03 14 07.6	C	0.8	13.3	
JAN	2	USCGS	03 53 48, 18.9S, 69.6W, H = 101 Km, M = 4.5					
		N CHILE						
		LPB	IP	03 54 32.3				2.7
			S	54 55				
		LPZ	IP	03 54 32.5				1.8
			S	54 55.0				
		PNS	IP	03 54 33.0	C	0.3	14.4	1.7
			S	54 54.2				
		CCH	IP	03 54 49.6				
		TRJ	IP	03 55 18.9	C			5.8
			S	56 26.4	C			
JAN	2	USCGS	04 04 45.4, 31.3N, 138.2E, H = 394 Km, M = 5.2					
		S OF HONSHU, JAPAN						
		PNS	IPKP	04 23 56.8	D	0.5	16.4	
			PPKP	25 28.8				
		LPZ	EPKP	04 23 57				
		LPB	PKP	04 23 57				151.2

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	2	TRJ	P	04 43 47.8	D			
			S	44 27.4	D			
JAN	2	USCGS	04 52 17.1, 54.3N, 164.5W, H = 57 Km, M = 5					
		UNIMAK IS REGION						
		LPB	EP	05 06 30				
JAN	2	TRJ	P	05 12 12.3	C			
			S	12 44.3				
JAN	2	LPB	P	07 25 35.4				
			S	26 05.5				
		LPZ	EP	07 25 38				
		PNS	P	07 25 44.2	C	0.3	15.4	
			S	26 15				
JAN	2	LPB	EP	10 14 03				
		PNS	IP	10 14 03.1	C	0.4	7.6	
			S	14 54.8				
JAN	2	PNS	EP	11 17 13.2				
JAN	2	PNS	EP	11 19 40				
			(S)	22 39.5				
		LPB	EP	11 19 40				
JAN	2	PNS	EP	11 44 44.5				
			S	45 16.0				
			E	45 44				
		LPB	P	11 44 45		1.0	22.0	
JAN	2	CCH	EP	11 57 55.1				
		PNS	EP	11 58 09.1				
			S	58 29.2				
		LPB	P	11 58 09.5		1.0	30.0	
JAN	2	LPB	EP	12 40 13				
		PNS	IP	12 40 16.6	D	0.5	39.7	
			(S)	40 46				
JAN	2	LPB	EP	12 42 10				
		PNS	EP	12 42 17.0				
			S	42 36.2				
JAN	2	LPB	EP	14 02 10				
		PNS	EP	14 02 11.5				
			S	02 32.0				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	2	LPB	IP	14 44 59		0.8	51.0	
		PNS	P	14 45 04.0				2.2
			S	45 30.4				
JAN	2	LPB	P	15 19 44		0.7	15.6	
			(PG)	19 46				
		PNS	EP	15 19 52				
JAN	2	TRJ	IP	16 28 26.5	D			2.6
			IS	28 57.1	D			
JAN	2	PNS	IP	17 06 37.6	D	0.2	17.1	2.0
			S	07 02.0				
		LPB	EP	17 06 43				
JAN	2	LPB	EP	17 07 01				
		PNS	EP	17 07 02.3				
			E	07 33.3				
JAN	2	CCH	EP	17 16 28.4	D			
JAN	2	PNS	EP	17 25 09.8				
JAN	2	PNS	P	17 40 15.0				
JAN	2	TRJ	P	18 34 24.1	D			
JAN	2	TRJ	IP	21 14 29.4	C			2.6
			IS	15 01.2	C			
JAN	2	TRJ	P	22 23 52.1	D			
JAN	2	PNS	P	23 26 28.9		0.3	4.6	2.0
			S	26 52.7				
		CCH	P	23 26 47.0				
JAN	2	TRJ	P	23 49 41.1	C			
JAN	3	USCGS	00 15 24, 26.8N, 44.1W, H = 33 Km, M = 4.3					
		N ATLANTIC RIDGE						
		LPB	EP	00 24 10				49.3
		PNS	EP	00 24 10.1				
		TRJ	IP	00 24 38.8	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	3	USCGS	00 42 00, 23. S, 179.1E, H = 544 Km, M = 5					
		S OF FIJI IS						
		PNS	EP	00 55 45.4				
		LPZ	EP	00 55 46				
		LPB	EP	00 55 47				
JAN	3	PNS	E(P)	01 43 36				1
		LPZ	EP	01 43 52				
		LPB	EP	01 43 59				
JAN	3	TRJ	IP	03 14 17.3	C			
JAN	3	PNS	IP	05 05 31.4				
			S	06 00		0.3	16.5	
		LPB	EP	05 05 32				
JAN	3	PNS	EP	05 23 58.1				
			S	24 31.3				
JAN	3	PNS	EP	07 57 58.7				
			S	58 22				1
		LPB	EP	07 58 06				
		LPZ	EP	07 58 11				
JAN	3	PNS	EP	09 03 14.4				
JAN	3	TRJ	IP	09 43 38.3	D			
			IS	44 10.7				2
JAN	3	LPB	EP	11 51 11				
		PNS	P	11 51 12.8	D	0.4	8.5	
			S	52 16.5				5
JAN	3	TRJ	P	12 43 12.4	C			
JAN	3	USCGS	13 33 32.6, 20.3S, 178.5W, H = 537 Km, M = 5					
		FIJI IS REGION						
		LPB	EP	13 47 20				
			EL	14 23 00				102
JAN	3	TRJ	IP	14 56 35.8	D			
			IS	57 06.2	D			2.5

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	3	USCGS	15 44 44.9, 18.9S, 169.4E, H = 249 Km, M = 5.4					
		NEW HEBRIDES IS						
		PNS	EPKP	16 03 12.7				
JAN	3	PNS	EP	17 00 24.5		0.7	9.7	
JAN	3	LPB	IP	17 23 18.3	C	1.0	70.	
		LPZ	EP	17 23 20				
JAN	3	PNS	EP	17 40 58.3				2.0
			S	41 22.7				
JAN	3	PNS	EP	17 42 22.7				2.2
			S	42 48.7				
JAN	3	USCGS	18 16 05.9, 4.7N, 76.0W, H = 103 Km, M = 4.8					
		COLOMBIA						
		PNS	EP	18 20 52.3		1.0	18.5	22.0
			S	24 48				
			E	27 48.8				
		LPB	P	18 20 56		0.9	25.5	22.5
			PP	21 13				
			EL	27 00				
		LPZ	EP	18 20 57				
			EL	27 00				
		TRJ	IP	18 21 48.5	C			
JAN	3	TRJ	IP	19 03 37.9	D			2.4
			IS	04 07.0	C			
		LPB	EP	19 04 19				
		LPZ	EP	19 04 22				
		PNS	IP	19 04 23.6	C	0.8	77.7	5.8
			S	05 29.4				
JAN	4	PNS	EP	00 18 34				
JAN	4	USCGS	02 40 48, 18.3N, 108.6W, H = 33 Km, M =4.4					
		REVILLA GIGEDO IS REGION						
		PNS	P	02 49 54.8				
		LPB	EP	02 49 55				52.5
			EL	03 05 00				
		LPZ	EP	02 49 56				
JAN	4	PNS	EP	03 09 26.4		1.2	24.6	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
JAN	4	CCH	IP	03 32 06.0	C		
		LPZ	IP	03 32 42.5			
			(S)	33 09			
		LPB	IP	03 32 44.5			
			S	33 07			
		PNS	IP	03 32 45.5			
			(S)	33 12.0		999	
JAN	4	CCH	IP	03 50 51.1			
			(S)	51 26.1			
		LPZ	P	03 51 22			
		LPB	P	03 51 28.5			
			I	51 30			
			ES	51 52			
		PNS	IP	03 51 29.8	D	0.3	36.0
			S	51 53.0			
JAN	4	PNS	EP	03 59 50			
			S	04 00 14			
JAN	4	PNS	EP	04 01 56.0			
			S	02 20			
		LPB	EP	04 01 57			
			ES	02 19			
JAN	4	PNS	EP	04 11 14.2			
			S	11 39.0			
JAN	4	PNS	EP	04 16 07.7			
JAN	4	PNS	EP	04 23 38.0			
			S	23 59.8			
JAN	4	PNS	EP	04 29 48			
			S	30 18			
JAN	4	LPZ	IP	04 35 18			
		LPB	IP	04 35 19.8	D	0.8	581.0
			(S)	35 46			
		PNS	EP	04 35 20.7			
			S	35 46.0			
		CCH	IP	04 35 31.5			
		TRJ	P	04 36 18.4	C		
JAN	4	PNS	EP	04 53 06.0			
			S	53 28.4			
JAN	4	LPB	EP	04 54 08			
		PNS	EP	04 54 09.2			
			S	54 21.0			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	4	CCH	EP	04 57 05.0	C			
		LPB	EP	04 57 37.5				
		PNS	EP	04 57 40.2				1.9
			S	58 04				
JAN	4	LPZ	IP	05 00 52.5				1.7
			S	01 14				
		LPB	IP	05 00 54.8	D	0.7	542	1.9
			E(S)	01 18				
		PNS	IP	05 00 55.7	D			2.0
			S	01 20				
		CCH	IP	05 01 17.0	C			3.3
			IS	01 56.1				
		TRJ	IP	05 01 53.9	C			
JAN	4	LPB	EP	05 15 53				
		PNS	EP	05 15 55.2				1.8
			S	16 17				
JAN	4	PNS	EP	05 27 54.2				2.0
			S	28 18				
		LPB	EP	05 27 57				
JAN	4	TRJ	IP	06 05 21.1	D			3.4
			IS	06 02.8	D			
JAN	4	LPZ	P	06 17 54.5				
		PNS	IP	06 17 56.8	D	0.4	56.6	2.0
			IS	18 21				
JAN	4	USCGS	06 29 27, 22.3S, 70.2W, H = 52 Km, M = 4.4					
		NR C OF N CHILE						
		TRJ	IP	06 30 43.6	D			5.7
			IS	31 48.4				
		LPZ	IP	06 30 56				6.0
			S	32 05				
		LPB	P	06 30 57.2	C	0.7	156.0	6.3
			ES	32 05				
		PNS	IP	06 30 59.3	C	0.4	99.4	
JAN	4	PNS	EP	06 51 40				2.0
			S	52 04				
		LPB	EP	06 51 41				
JAN	4	PNS	EP	06 54 34.8				1.3
			S	54 52.0				
JAN	4	PNS	EP	07 18 40				2.1
			S	19 04.6				
		LPB	EP	07 18 59				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
JAN	4	TRJ	IP	08 25 29.1	D		
			IS	26 01.0	D		
		PNS	P	08 25 58.6	D	0.5	6.8
JAN	4	LPZ	EP	09 02 20			
		LPB	EP	09 02 21			
		PNS	EP	09 02 27			
			S	02 50		0.8	14.2
JAN	4	TRJ	IP	09 25 32.5	D		
			IS	26 02.0			
		LPB	EP	09 26 11.5			
		PNS	EP	09 26 15.1			
JAN	4	PNS	EP	10 51 55			
		LPB	P	10 52 03			
JAN	4	LPZ	EP	10 57 18			
		LPB	P	10 57 20			
		PNS	EP	10 57 21		0.5	13.0
		CCH	P	10 57 43.6			
JAN	4	CCH	EP	11 11 01.8	C		
		LPB	P	11 12 08.5			
JAN	4	TRJ	IP	11 26 45.5	D		
			IS	27 24.2	D		3.
JAN	4	USCGS	12 48 13.2, 15.4S, 70.9W, H = 189 Km, M = 5.4				
		S PERU					
		PNS	IP	12 48 58.7	D		
		LPZ	IP	12 49 02			
		LPB	IP	12 49 03.5	D		
			ES	49 32			
		TRJ	IP	12 50 11.5	D		2.
			(IS)	51 46.0	C		8.
JAN	4	TRJ	(IP)	13 07 55.5	C		
JAN	4	PNS	EP	14 35 21.2			
		LPB	EP	14 35 25		0.3	3.1

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	4	USCGS	14 51 54, 24.8S, 68.2W, H = 90 Km, M = 4.4					
		CHILE-ARGENTINA BORDER REGION						
		TRJ	IP	14 53 07.4	C			
		LPB	P	14 53 53				8.1
		LPZ	EP	14 53 54				
		PNS	IP	14 53 57.0	C	0.5	57.3	8.1
			ES	55 28.4				
JAN	4	LPZ	EP	15 11 53				
		LPB	EP	15 11 57				
JAN	4	USCGS	16 20 20, 40.7S, 89.3W, H = 33 Km, M = 4.4					
		W CHILE RISE						
		PNS	EP	16 26 30				
			IPP	26 46.2				
		LPB	EP	16 26 30				30.2
			L	35.9				
JAN	4	LPB	EP	16 33 31.5				
		PNS	EP	16 33 37				
JAN	4	LPZ	EP	16 37 34				
		PNS	EP	16 37 35.4				8.1
			I	37 42.0				
			S	39 06.9				
		LPB	EP	16 37 45				
JAN	4	PNS	P	16 48 01.5		0.5	5.1	
JAN	4	TRJ	IP	16 51 29.2	C			
JAN	4	PNS	EP	17 39 39.7				
JAN	4	CCH	P	17 49 47.2				
		PNS	EP	17 49 56.5				
JAN	4	PNS	EP	19 15 55				
		LPB	EP	19 16 09				
JAN	4	PNS	(EP)	19 27 37.4				
		LPB	EP	19 27 38				
JAN	4	PNS	EP	20 11 03		0.7	3.2	
		LPB	EP	20 11 05				
JAN	4	PNS	EP	20 30 23.1		0.3	1.5	1.8
			S	30 46				
		LPB	EP	20 30 28				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
JAN	4	LPB	IP	23 13 53			
			I	13 56	D	0.9	61.4
			S	14 20			
		PNS	IP	23 13 53.4			
			S	14 20	D	0.5	17.0
		LPZ	P	23 13 54			
JAN	4	LPZ	EP	23 46 13			
		LPB	EP	23 46 15			
		PNS	(EP)	23 46 26			
JAN	5	PNS	IP				
			S	00 20 36.8	D	0.3	5.0
				20 51.6			
JAN	5	USCGS	00 25 43, 23.2S, 70.4W, H = 33 Km, M = 4.6				
		NEAR C OF N CHILE					
		TRJ	IP	00 26 41.3	C		
		LPZ	EP	00 27 26			
			PN	27 30			
		LPB	P	00 27 27.5			
			PN	27 32			
			SG	29 29			
		PNS	EP	00 27 29			
			I	27 37.5			
			S	28 52.0			
			E	29 32			
JAN	5	TRJ	P				
		LPB	EP	02 22 35.5	C		
		PNS	EP	02 22 44			
				02 22 44			
JAN	5	PNS	EP				
			S	03 31 49.8			
				32 08			1.
JAN	5	PNS	EP	04 07 27.8		0.3	2.0
JAN	5	LPB	IP				
			I	04 33 12.2	D	0.4	24.0
			IS	33 13.5			1.
		LPZ	IP	33 35			
			S	04 33 12.5			
		PNS	IP	33 35			1.
			S	04 33 12.9	D	0.5	88.6
		CCH	IP	33 38.0			2.
			ES	04 33 34.6	D		
				34 14.1			3.
JAN	5	LPB	EP				
		PNS	EP	04 38 03			
			S	04 38 10			
				38 35			2.1

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	5	USCGS	05 46 54.3, 35.8N, 140.8E, H = 90 Km, M = 4.5					
		NR E COAST OF HONSHU, JAPAN						
		PNS	EPKP	06 06 30				
		LPZ	EPKP	06 06 32				
		LPB	PKP	06 06 32				151.3
			EPKP	06 48				
JAN	5	TRJ	IP	06 17 05.7	C			2.7
			IS	17 38.0				
		LPB	EP	06 17 30				4.6
			S	18 23.5				
		PNS	IP	06 17 33.8	C	0.5	4.9	4.8
			S	18 28.8				
JAN	5	TRJ	IP	09 01 32.0	D			3.0
			S	02 06.9	D			2.0
JAN	5	PNS	EP	09 55 22.0		0.5	1.7	
JAN	5	LPZ	EP	10 00 06				
		LPB	IP	10 00 06.5	D	0.5	300.0	
		PNS	IP	10 00 07.0	D	0.5	166.0	2.1
			I	00 09.2				
			S	00 32				
		CCH	IP	10 00 28.8	C			
		TRJ	EP	10 01 04.9	D			
JAN	5	CCH	P	10 46 18.8				
JAN	5	TRJ	P	10 54 22.5	C			
		LPB	EP	10 55 21				
		PNS	EP	10 55 25				2.3
			S	55 53.2				
JAN	5	PNS	IP	11 21 19.2	D	0.5	3.3	1.8
			S	21 41.0				
JAN	5	PNS	EP	13 40 23.0				1.9
			S	40 46				
JAN	5	TRJ	P	13 57 05.6	C			2.7
			S	57 38.6	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
JAN	5	USCGS	15 25 40, 32.4S, 69.5W, H = 42 Km, M = 4.				
			MENDOZA PROVINCE, ARGENTINA				
		CCH	P	15 28 44.2			
		PNS	P	15 29 01.3			
		LPB	P	15 29 27.6	D	1.3	27.6
			EL	34 00			
JAN	5	PNS	IP	16 47 45.8	D	0.4	1.4
			(S)	48 20			
JAN	5	PNS	IP	17 15 41.3	D	0.5	2.8
JAN	5	USCGS	17 21 28.4, 13.2N, 95.5E, H = 37 Km, M = 5				
			ANDAMAN IS REGION				
		PNS	EPKP	17 41 36			
			I	42 50			
		LPB	PKP	17 41 41			
			PPKP	41 47			1
		LPZ	EL	18 38 00			
			EPKP	17 41 42			
			PPKP	41 46			
JAN	5	USCGS	18 10 00, 21.8N, 146.6E, H = 34 Km, M = 5.6				
			MARIANA IS RLGION				
		PNS	IPKP	18 29 40.0	D	0.8	28.7
			PPKP	29 51.8			
		LPZ	I	33 34.5			
		LPB	PKP	18 29 41			
			PKP	18 29 41			
		TRJ	EL	19 19 00		1.0	7.0
			PKP	18 29 52.3	C		
JAN	5	PNS	EP	20 10 40			
JAN	5	PNS	EP	21 40 13.8			
			S	40 39.3		0.2	1.4
JAN	5	PNS	EP	22 46 40			
			S	47 13.7			
JAN	5	LPB	EP	23 45 15			
			S	45 45.5			
		CCH	EP	23 54 49.7			
		PNS	EP	23 55 22			
			I	55 23.2			
			S	55 55			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	6	TRJ	IP	00 38 28.2	D			
		PNS	IP	00 39 16.4	C	1.0	24.0	
		LPZ	EP	00 39 17				
		LPB	P	00 39 18.5				
JAN	6	TRJ	P	00 45 28.7	D			
		PNS	EP	00 46 16.5				
JAN	6	TRJ	IP	01 19 24.0	D			2.3
			IS	19 52.3				
		CCH	EP	01 19 48.5	D			
		LPB	EP	01 20 01.0	C	1.0	30.0	
		LPZ	EP	01 20 02				
JAN	6	USCGS	04 19 59.3, 6.8N, 73.1W, H = 168 Km, M = 5.3					
			N COLOMBIA					
		PNS	IP	04 24 54.8	C	0.8	131.2	22.5
			S	28 55.1				
			SS	29 48.4				
		LPB	IP	04 24 57.5				23.5
			PP	25 24.2				
			S	29 58				
			EL	32 00				
JAN	6	TRJ	P	05 58 36.7	D			
JAN	6	TRJ	IP	07 11 13.5	D			
		PNS	EP	07 11 44				9.4
			S	13 30				
		LPZ	EP	07 11 46				
		LPB	P	07 11 47.5				
JAN	6	CCH	EP	08 53 58.6	D			
		LPB	EP	08 54 09				
		TRJ	IP	08 54 09.2	C			
		PNS	EP	08 54 13.2		0.6	4.7	
JAN	6	PNS	EP	17 36 27.8		0.6	1.3	14.2
			S	39 05				
		LPB	EP	17 36 46				
JAN	6	TPJ	IP	17 54 17.3	D			3.3
			IS	54 56.1				
		PNS	EP	17 55 27.8				6.9
			S	56 46.5				
JAN	6	PNS	EP	18 00 45	D	1.0	4.5	
		LPB	EP	18 00 46				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
JAN	6	PNS	EP	19 46 13.0		0.4	1.3
JAN	6	PNS	IP	21 41 06.4	D	0.5	2.4
			S	41 37			
JAN	6	LPB	P	22 05 14.8	D	1.0	15.0
		CCH	(P)	22 05 18.2	C		
JAN	6	LPZ	P	22 45 24			
		LPB	IP	22 45 24.5	C	0.5	39.0
			S	46 01.2			
		PNS	IP	22 45 28.6	C	0.5	17.0
			S	46 08.5			
JAN	7	PNS	EP	01 01 24.6		0.5	1.0
		LPB	EP	01 01 25			
JAN	7	PNS	IP	02 59 04.3	C	0.5	3.9
			S	59 35.6			
		LPB	EP	02 59 07			
			S	59 40			
JAN	7	PNS	EP	04 30 12.3		0.7	5.9
		LPB	EP	04 30 15			
JAN	7	PNS	EP	05 52 23		0.4	1.3
			S	52 49			
		LPB	EP	05 52 32			
		LPZ	EP	05 52 38			
JAN	7	CCH	P	07 43 19.3	C		
		LPB	EP	07 43 56			
		PNS	EP	07 43 58.4		0.8	5.2
JAN	7	USCGS	07 45 27.3, 52.6N, 160.0E, H = 92 Km, M = 5.				
		OFF E C OF KAMCHATKA					
		PNS	EPKP	08 04 24.8			
		LPB	LPKP	08 04 25			128
JAN	7	PNS	EP	08 26 29.0			
		LPB	EP	08 26 35			
JAN	7	PNS	IP	08 52 40.0	C	0.5	3.6
			S	53 09.5			2.

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	7	TRJ	IP	12 23 57.5	D			2.6
			IS	24 29.5				
JAN	7	PNS	EP	14 09 42		0.5	1.0	
		LPZ	EP	14 09 45				
		LPB	EP	14 09 47				
		CCH	P	14 09 48.4	D			
JAN	7	USCGS	14 32 24.6, 17.1N, 119.8E, H = 40 Km, M = 4.8					
		P. I. REGION						
		PNS	EPKP	14 52 25.0	D	1.0	4.5	
		LPB	EL	15 51 00				172.5
JAN	7	PNS	IP	14 53 15.2	D	0.6	4.3	
JAN	7	USCGS	14 57 43.8, 5.2S, 152.6E, H = 47 Km, M = 5.3					
		NEW BRITAIN REGION						
		PNS	IPKP	15 17 01.0	C	1.4	39.7	
		LPB	PKP	15 17 02		1.0	14.0	133.4
			EL	16 02 00				
		LPZ	EPKP	15 17 02				
		TRJ	PKP	15 17 02.1	D			
JAN	7	PNS	EP	16 53 28.0		0.6	1.9	
		LPB	EP	16 53 36				
JAN	7	CCH	EP	17 42 56.3	D			
		PNS	EP	17 43 36.6		0.4	1.0	
JAN	7	USCGS	20 17 14, 62.6S, 155.6E, H = 33 Km, M = 5.8					
		BALLENY IS REGION						
		CCH	(IP)	20 29 26.4	D			
		PNS	EP	20 30 34.0		0.9	3.9	
		LPB	EP	20 30 34				94.0
			LSS	48 00				
			EL	21 02 00				
JAN	7	USCGS	21 56 15, 27.3S, 67.2W, H = 145 Km, M = 4.6					
		CATAMARCA PROVINCE, ARGENTINA						
		PNS	IP	21 58 50.3	D	0.3	4.2	10.6
			S	22 00 49				
		LPB	EP	21 58 52				10.5

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
JAN	8	LPB	EP	00 35 01			
		PNS	EP	00 35 03.2		1.0	5.6
JAN	8	PNS	IP	00 42 22.6	D	0.2	3.9
			(S)	42 48			
		CCH	(P)	00 43 15.9	D		
JAN	8	PNS	IP	00 47 52.2	D	0.5	20.7
			S	48 18.0			
		LPB	P	00 47 54.5	D	0.7	22.0
		LPZ	S	48 21.5			
			P	00 47 56			
JAN	8	PNS	EP	04 07 59.3		0.3	2.8
JAN	8	LPZ	EP				
		LPB	EP	06 03 14			
		CCH	EP	06 03 16	C	1.3	16.7
				06 03 57.0	C		
JAN	8	PNS	EP	06 17 47.1		0.3	1.4
JAN	8	USCGS	08 00 56.7, 36.6N, 140.6E, H = 92 Km, M =				
		NR C OF HONSHU, JAPAN					
		CCH	P	08 19 42.3	D		
		LPB	EPKP	08 20 27			
			EPKP2	20 35			
		LPZ	EPKP	08 20 28			
		PNS	EPKP	08 20 32			
JAN	8	TRJ	IP	08 37 28.0	C		
			(S)	38 12.1			
		PNS	EP	08 38 10.8			
JAN	8	CCH	EP				
		PNS	EP	08 43 46	C		
		LPB	EP	08 44 16			
				08 44 20			
JAN	8	PNS	IP	09 43 14.2	D	0.3	3.2
		CCH	IP	09 43 35.2	C		
JAN	8	PNS	IP	12 17 17.8	D	0.5	5.6
JAN	8	PNS	EP	13 27 43.0			
			S	28 06		0.4	1.7
		LPB	EP	13 27 50			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	8	PNS	EP	13 54 23				
JAN	8	USCGS	15 29 26.3, 8.8N, 39.8W, H = 33 Km, M = 4.7					
		CENTRAL MID ATLANTIC						
		LPB	EP	15 36 41.5		0.8	19.6	38.0
			PP	36 49.5				
			EL	47 00				
		PNS	IP	15 36 42.4	C	0.8	25.4	
			PP	36 50				
JAN	8	USCGS	20 00 35.9, 7.9N, 36.7W, H = 38 Km, M = 4.5					
		CENTRAL MID ATLANTIC RIDGE						
		LPB	P	20 08 05	C	1.4	32.0	39.5
			EL	20 19 00				
		PNS	EP	20 08 06.2		1.1	22.5	
JAN	8	CCH	(EP)	22 28 42	D			
		LPB	EP	22 29 04				
		PNS	EP	22 29 05.8		0.5	5.0	
JAN	8	PNS	IP	22 41 39.4	C	0.8	3.0	
		LPB	EP	22 41 42				
JAN	8	USCGS	22 39 17.9, 37.3N, 138.3E, H = 10 Km, M = 5.6					
		NR W C OF HONSHU, JAPAN						
		PNS	EPKP	22 59 02.8	D	1.2	24.7	
		LPZ	EPKP	22 59 07				
		LPB	EPKP	22 59 08.2	D	1.0	47.0	148.9
			PPKP2	59 17				
JAN	8	PNS	EP	23 44 54.8		0.4	2.2	
JAN	9	PNS	(EP)	00 53 25				2.9
			S	53 59				
		LPB	EP	00 53 46				
JAN	9	PNS	IP	01 10 58.5	D	0.3	1.8	2.1
			S	11 23.6				
JAN	9	LPB	EP	02 09 03				
		PNS	EP	02 09 04		0.6	1.2	
		CCH	EP	02 09 22.6	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
JAN	9	LPB	EP	02 12 35			
		PNS	EP	02 12 38.0		0.5	1.0
JAN	9	USCGS	03 04 01, 5.4S, 113.6E, H = 39 Km, M =				
		JAVA SEA					
		TRJ	EPKP	03 23 57.0			
		LPB	PKP	03 24 31			
			PKP2	25 00.2		1.4	32.0
		LPZ	PKP	03 24 31			
			PKP2	25 00			
		PNS	EPKP	03 24 58			
			E	24 32.0			
JAN	9	CCH	P	03 26 06	D		
JAN	9	PNS	EP	03 49 52.5			
		LPB	EP	03 50 05			
JAN	9	USCGS	04 06 30.9, 21.4S, 69.6W, H = 68 Km, M =				
		N CHILE					
		TRJ	IP	04 07 35	C		
		PNS	IP	04 07 46.9	D		
			PP	07 55.4		0.6	30.5
			S	08 44			
		LPZ	EP	04 07 47			
		LPB	IP	04 07 47.2	D	0.7	287
			S	08 48			
			L	09.7			
		CCH	EP	04 07 53.0	D		
JAN	9	TRJ	IP	06 07 04.0	C		
		LPB	P	06 08 03			
			S	09 28		0.6	14.4
		PNS	EP	06 08 03.0			
			S	09 35		0.5	7.6
JAN	9	PNS	EP	07 26 48.5			
JAN	9	PNS	EP	07 42 04.7			
			S	42 40.0		0.5	1.5
		LPZ	EP	07 42 05			
		LPB	EP	07 42 06			
			S	42 40.2			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	9	USCGS	09 11 30.3, 11.5N, 62.3W, H = 156 Km, M = 5.1					
		WINDWARD IS						
		PNS	IP	09 17 11.8	D			28.0
			ES	21 46.5				
		LPB	IP	09 17 13.5	D	0.9	16.6	28.2
			S	21 48				
			EL	25 00				
		CCH	IP	09 17 18.0	D			
		TRJ	IP	09 17 49.5	D			
JAN	9	LPB	EP	09 24 47				
		PNS	(EP)	09 24 47.2				5.9
			S	25 55				
JAN	9	USCGS	09 52 52, 54.1N, 165.0W, H = 153 Km, M = 5.4					
		UNIMAK IS REGION						
		LPB	EL	10 43 00				106.8
JAN	9	CCH	EP	11 19 48.2	C			
JAN	9	CCH	(IP)	11 45 52	C			
JAN	9	PNS	(EP)	11 47 14				
		LPB	EP	11 47 31				
JAN	9	CCH	IP	13 33 07.7	C			
JAN	9	PNS	EP	13 40 57.6		0.3	3.2	
JAN	9	TRJ	P	14 25 13.7	D			2.5
			S	25 45.1				
JAN	9	LPB	EP	16 42 11				
		LPZ	EP	16 42 13				
		TRJ	P	16 42 15.0	D			
		PNS	EP	16 42 16.3		0.6	9.2	3.7
			S	42 59.3				
		CCH	P	16 42 41.0				
JAN	9	CCH	IP	17 35 59.4	D			
JAN	9	USCGS	20 16 53.4, 10.9S, 75.6W, H = 33 Km, M = 4.4					
		PERU						
		PNS	EP	20 19 03.2		1.0	5.5	
		LPZ	EP	20 19 07				
		LPB	EP	20 19 09				9.0

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	9	CCH	EP	22 55 46.2	D			
		LPB	EP	22 56 08				
		PNS	EP	22 56 09.8				
			(S)	59 31.7				
		TRJ	EP	22 56 26.7				
JAN	9	TRJ	IP	22 59 29.1	C			
JAN	10	TRJ	P	00 38 43.1	D			
			S	39 12.2				
JAN	10	USCGS	00 17 27, 54.4N, 161.6W, H = 33 Km, M = 4.					
		ALASKA PENINSULA						
		LPB	EL	01 07 00				
JAN	10	USCGS	01 19 12.1, 13.9N, 120.8E, H = 134 Km, M =					
		MINDORO, P. I.						
		TRJ	EP					
		PNS	EPKP	01 38 00.2	D			
			PPKP	01 39 07.8				
		LPB	PKP	39 35		1.4	22.6	
			PKP2	01 39 08.5	C	1.3	12.6	
			EL	40 30				
		LPZ	EPKP	02 40 00				
		CCH	P	01 39 09				
				01 39 49.8	D			
JAN	10	PNS	IP	02 28 08				
		LPB	P	02 28 08				
JAN	10	PNS	EP	05 35 59.3		0.3	1.8	
JAN	10	LPB	EP	07 43 23				
			S	44 22.5				
		LPZ	EP	07 43 24				
		PNS	EP	07 43 28.8				
			S	44 17				
JAN	10	CCH	IP	08 57 45.1	D			
		PNS	EP	08 57 56		0.3	1.4	
JAN	10	TRJ	P	09 09 35.0	D			
			S	10 07.8	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	10	USCGS	11 13 07.5, 7.4N, 72.4W, H = 87 Km, M = 4.7					
		N COLOMBIA						
		PNS	IP	11 18 15.2	D	0.6	2.1	
		LPZ	P	11 18 17.5				
		LPB	P	11 18 18	D	1.3	56.0	23.8
			PP	18 26				
			EL	24 00				
JAN	10	USCGS	12 58 50.6, 34.6N, 138.3E, H = 91 Km, M = 4.3					
		NR S C OF HONSHU, JAPAN						
		PNS	EPKP	13 18 33				
		LPZ	EPKP	13 18 33				
		LPB	EPKP	13 18 33				149.8
JAN	10	CCH	IP	13 48 42.3	C			
JAN	10	PNS	EP	15 20 31				
JAN	10	USCGS	16 12 14.8, 6.6S, 154.5E, H = 64 Km, M = 5.2					
		SOLOMON ISLANDS						
		LPB	EPKP	16 31 24				131.8
			EPKS	34 48				
			EL	17 14 00				
		PNS	EPKP	16 31 24.6				
		CCH	P	16 31 29.1	(D)			
JAN	10	TRJ	P	20 44 50.6	D			2.5
			S	45 20.4				
JAN	11	USCGS	03 10 53, 7N, 120.2E, H = 33 Km, M = 6.0					
		N CELEBES						
		LPB	EPKP	03 30 55	D	1.2	36.4	167.3
			PPKP	31 03.8				
			EL	04 30 00				
		LPZ	PKP	03 30 55				
		PNS	IPKP	03 30 55.4	D	1.2	39.3	
			I	31 42				
		CCH	IP	03 31 41.6	D			
JAN	11	CCH	IP	04 08 55.3	D			1 8
			S	09 17.5				
JAN	11	PNS	IP	04 27 49.7	D	0.4	8.9	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	11	PNS	EP	04 53 45.0				
		CCH	P	04 53 52.0	C	0.3	1.0	
JAN	11	PNS	EP	05 31 27.0				
JAN	11	PNS	EP					
		LPB	P	06 07 46.2	C	0.7	4.6	
				06 07 47.5		0.9	8.5	
JAN	11	CCH	EP	06 17 29.6				
JAN	11	CCH	EP	06 42 41.1	C			
JAN	11	CCH	(IP)	07 01 25.7	D			
		LPB	EP	07 01 35				
		PNS	EP	07 01 39.8		0.3	2.4	
JAN	11	TRJ	IP					
		LPB	EP	07 59 56.0	D			
		PNS	EP	08 00 51.0		0.9	8.5	
				08 00 55.0		0.6	2.6	
JAN	11	USCGS	09 51 46, 6.8S, 155.2E, H = 69 Km, M = 5.0					
		SOLOMON ISLANDS						
		LPB	EL	10 54 00				1
JAN	11	USCGS	14 06 20.5, 34. N, 137.0E, H = 37 Km, M = 4					
		NR S C OF HONSHU, JAPAN						
		LPB	EPKP	14 26 09				
			PPKP	26 20.5				15
			PKP2	26 26.5				
			SS	49 23				
			EL	15 18 00				
		LPZ	EPKP	14 26 10				
JAN	11	TRJ	P					
			S	14 31 09.3	C			
				31 51.6				3
JAN	11	USCGS	14 16 32.2, 33.7N, 137.2E, H = 33 Km, M = 5.					
		NR S C OF HONSHU, JAPAN						
		LPZ	EPKP	14 36 25				
			EPPKP	36 40				
		LPB	EPKP	14 36 25				
			PPKP	36 39		2.3	182	151
			SS	59 22				
			EL	15 28 00				
JAN	11	PNS	EPKP	14 55 12				
		LPB	EPKP	14 55 12		1.0	2.6	
								151.

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	11	TRJ	P	15 09 08.1	C			2.7
			S	09 40.4				
JAN	11	PNS	EP	15 20 13		1.0	3.5	
JAN	11	LPB	P	16 25 22.5				
		PNS	EP	25 29.2		0.3	1.0	3.7
			E	25 29.2				
			S	26 09				
JAN	11	PNS	EP	16 44 50.0		0.4	1.9	
		LPB	EP	16 44 56				
JAN	11	PNS	IP	16 48 44.6	D	0.5	4.6	1.8
			S	49 07.0				
JAN	11	PNS	EP	18 58 47		0.4	0.8	1.3
			S	59 05				
JAN	11	PNS	EP	19 11 15.6		0.8	2.3	
		LPB	EP	19 11 16.5				
JAN	11	LPB	EP	20 25 04				
		PNS	EP	20 25 17.4		0.5	2.1	
JAN	11	PNS	EP	20 37 18.4		0.4	1.8	
		LPB	EP	20 37 19				
JAN	11	PNS	IP	21 50 38.1	D	0.4	20.1	2.2
			S	51 04.0				
		LPB	EP	21 50 41				
			ES	51 09				
JAN	11	LPB	EP	22 09 04				
		PNS	EP	22 09 06		1.1	8.9	
JAN	12	USCGS	01 38 10, 44.1N, 147.5E, H = 33 Km, M = 4.6					
		E KURILE ISLANDS						
		LPB	EPKP	01 57 39				
			EL	02 48 00				
		TRJ	PKP	01 57 46.9				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
JAN	12	PNS	EP	02 56 00.6			
		LPB	EP	02 56 01	D	0.8	12.5
JAN	12	LPB	P	04 02 03			
JAN	12	PNS	IP	04 57 43.9	C	0.5	13.4
			S	58 28			
		LPZ	EP	04 57 46			
		LPB	P	04 57 48	C	1.0	15.0
			(S)	58 29			
JAN	12	PNS	EP	05 14 52.0	D	0.2	1.9
			S	15 16.4			
JAN	12	PNS	EP	06 02 04.7		0.5	3.7
JAN	12	PNS	EP	06 22 11.6			
			E	22 15.4		0.2	1.3
JAN	12	TRJ	P	06 35 34.0			
		PNS	EP	06 36 34			
JAN	12	LPB	P	07 02 49			
			S	03 21.5			
		PNS	EP	07 02 56.4			
			S	03 33.6		0.2	1.3
JAN	12	USCGS	08 02 09.6, 2.3S, 77.0W, H = 182 Km, M = 4				
			PERU-ECUADOR BORDER REGION				
		PNS	EP	08 05 50.9			
			S	08 47.1		0.7	7.1
		LPZ	EP	08 05 52			
		LPB	EP	08 05 52.5			
			I	05 57.5			
			EL	11 00			
		TRJ	EP	08 06 54.9			
JAN	12	LPB	E(P)	08 09 30.5			
		PNS	EP	08 09 35			
			S	10 08		0.7	10.0
JAN	12	USCGS	10 21 59.7, 36.7N, 141.6E, H = 41 Km, M = 4				
			NR C OF HONSHU, JAPAN				
		PNS	EPKP	10 41 38.0			
		LPZ	EPKP	10 41 38		1.0	4.4
		LPB	EPKP	10 41 38			
			PPKP	41 47			14
			EL	11 31 00			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	12	TRJ	P	12 06 08.5	C			2.9
			S	06 42.6				
JAN	12	PNS	EP	12 19 11		0.6	1.2	
		LPB	EP	12 19 23				
JAN	12	USCGS	12 29 29.1, 15.3N, 94.4W, H = 51 Km, M = 4.7					
			NR C OF OAXACA, MEXICO					
		PNS	EPKP	12 37 04.8		1.0	8.7	
		LPB	EPKP	12 37 06				41.0
			EL	49 00				
		TRJ	PKP	12 37 54.3	C			
JAN	12	LPB	EP	13 28 39				
		PNS	EP	13 28 52.4		0.4	1.2	3.0
			S	29 27.6				
JAN	12	LPB	P	14 53 02				2.7
			S	53 34.5				
		LPZ	EP	14 53 02				
		PNS	IP	14 53 03.2	C	0.5	10.0	2.7
			S	53 35.0				
JAN	12	PNS	EP	17 03 59				
		LPB	P	17 04 02.5				
JAN	12	PNS	EP	17 19 33.2		0.3	1.8	1.6
			I	19 37.7				
			(S)	19 53				
		LPZ	EP	17 19 35				
		LPB	P	17 19 35	C	1.0	20.0	
		TRJ	P	17 20 23.8	C			
JAN	12	PNS	EP	17 33 20.0		0.6	4.2	4.3
			I	33 22.6				
			E	33 32.4				
			S	34 10				
		LPZ	EP	17 33 21				
		LPB	EP	17 33 21	C	1.0	42.0	4.2
			ES	34 10				
JAN	12	PNS	EP	18 05 29.0		0.3	1.0	4.7
			I	05 33.4				
			S	06 22.6				
		LPZ	EP	18 05 29.5				
		LPB	EP	18 05 30				4.9
			I	05 42.2				
			S	06 26				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	12	PNS	IP	18 25 21.8	C	0.4	2.1	
		LPB	EP	18 25 33				
JAN	12	LPB	EP	18 33 12				
			I	33 13.2		0.6	84.0	
			S	33 15.3				
JAN	12	USCGS	18 40 14, 10.4N, 127.3E, H = 67 Km, M = 4					
		P. I. REGION						
		LPB	EPKP	19 00 11				
			EL	20 00 00				
JAN	12	LPB	EP	19 50 47				
		PNS	EP	19 50 59.7		0.3	6.7	
			S	51 25.0				
JAN	12	PNS	EP	19 52 35.4		0.2	1.9	
JAN	12	PNS	EP	20 19 45		0.5	1.5	
		LPB	EP	20 19 45				
JAN	12	PNS	EP	21 48 27.7				
			IS	48 50.5		0.2	3.8	
		LPB	EP	21 48 34.5				
JAN	12	PNS	IP	22 37 08.3	D	0.3	4.5	
			S	37 30.0				
JAN	12	PNS	EP	22 54 14		0.5	1.5	
JAN	12	LPB	P	23 34 27				
		PNS	LP	23 34 39.4		1.3	9.4	
JAN	12	PNS	EP	23 47 14.4		0.2	1.3	
JAN	13	PNS	EP	00 32 47.0				
		LPB	LP	~~00 32~~ 57				
JAN	13	PNS	IP	01 53 34.9	D	0.4	3.8	
		LPB	EP	01 53 35				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	13	PNS	EP	02 25 17.8		0.2	1.2	2.2
			S	25 43.8				
		LPZ	EP	02 25 23				
		LPB	EP	02 25 25				1.7
			S	25 46.2				
JAN	13	TRJ	IP	02 55 14.4	C			3.2
			IS	55 51.7	C			
		LPB	IP	02 56 08.0	C	0.8	237	
		PNS	IP	02 56 12.0	C	0.5	25.3	7.4
			S	57 36				
JAN	13	LPB	EP	03 08 05				
		PNS	EP	03 08 22.0		0.5	1.1	
JAN	13	PNS	IP	03 10 55.0	C	0.2	1.2	
			I	11 22.3				
JAN	13	PNS	IP	03 29 28.8	C	0.4	1.3	
JAN	13	PNS	IP	03 51 58.0	D	0.3	3.2	2.2
			S	52 24.4				
JAN	13	PNS	EP	04 43 13.4				
JAN	13	PNS	IP	06 17 05.0	D	0.3	2.3	1.8
			S	17 27.0				
		LPB	EP	06 17 06				
JAN	13	PNS	IP	07 08 42	D	0.4	2.5	
JAN	13	TRJ	IP	07 19 30.4	D			
JAN	13	TRJ	IP	07 26 05.9	C			2.6
			IS	26 37.4	C			
		LPB	EP	07 26 30				
		PNS	EP	07 26 34.4		0.4	1.3	
JAN	13	PNS	EP	07 54 51.2		0.3	1.4	
JAN	13	PNS	IP	10 04 51.7	D	0.5	22.8	1.8
			S	05 14.0				
		LPZ	P	10 04 52				
		LPB	P	10 04 52		0.9		2.0
			S	05 16				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	13	USCGS	10 30 51.1, 19.1N, 64.7W, H = 41 Km, M =					
		VIRGIN IS						
		CCH	(EP)	10 37 32.6	C			
		LPB	EP	10 37 43				
			PP	37 53.5				
			S	43 16				
			SS	45 45				
			EL	48.2				
		LPZ	EP	10 37 43				
		PNS	EP	10 37 43.8				
			S	43 15		0.6	1.8	
JAN	13	USCGS	10 41 11, 52.9N, 172.0E, H = 14 Km, M = 5					
		NR IS, ALEUTIAN IS						
		PNS	EPKP	11 00 05.1				
		LPB	PKP	11 00 05.5		0.6	2.4	
			EL	39 00				
		TRJ	PKP	11 00 13.7	D			
JAN	13	PNS	EP	11 23 55.6				
			S	24 59.0		0.3	1.4	
		LPB	EP	11 23 59				
			S	25 05				
JAN	13	PNS	EP	11 38 42.2		0.2	1.9	
JAN	13	PNS	EP	13 04 46.8				
			S	05 25.5		0.5	4.6	
JAN	13	TRJ	IP	13 12 50.7	C			
			IS	13 29.9	D			
		PNS	EP	13 14 02.9	D			
			IS	14 25.0		0.3	23.0	
JAN	13	USCGS	14 17 10.8, 8.4S, 74.0W, H = 190 Km, M = 5.					
		PERU-BRAZIL BORDER REGION						
		CCH	EP					
		LPB	EP	14 19 22.8	D			
			PP	14 19 25.5				
			ES	19 32				
		PNS	IP	21 15.5				
			I	14 19 26.8	C	0.9	28.7	
			S	20 44.0				
		TRJ	EP	21 11				
		LPZ	EP	14 20 46.5				
				14 24 26				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	13	CCH	(EP)	15 16 15.3	D			
		PNS	EP	15 16 15.8		0.4	1.7	
JAN	13	TRJ	IP	16 19 20.4	D			2.7
			IS	19 51.6	D			
		PNS	EP	16 20 19.8		0.3	0.9	1.6
			S	20 39.6				
JAN	13	PNS	EP	16 31 24.6				4.6
			(S)	32 18.0				
JAN	13	LPB	EP	17 42 42				
		PNS	IP	17 42 51.5	D	6.5	6.1	1.8
			S	43 14.0				
JAN	13	PNS	P	17 59 36.0	C	0.4	2.5	
JAN	13	TRJ	IP	18 27 23.5	D			
JAN	13	USCGS	19 26 24, 20.8S, 69.3W, H = 110 Km, M = 4.5					
		N CHILE						
		LPB	IP	19 27 31.0				4.4
			PG	27 51.5				
		LPZ	IP	19 27 31.5				
		PNS	IP	19 27 32.8	C	0.5	2.0	3.3
			I	27 35.2				
			S	28 12				
JAN	13	TRJ	(P)	20 01 10.5				2.5
			S	01 40.9	C			
JAN	13	PNS	EP	21 33 10.5		0.2	2.5	2.0
			S	33 35.0				
JAN	13	TRJ	P	21 41 07.2	C			
JAN	13	PNS	IP	23 11 53.6	D	0.3	28	
JAN	13	TRJ	P	23 45 03.7	D			2.6
			S	45 34.6				
JAN	14	TRJ	P	00 07 48.6	D			2.6
			S	08 20.3	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
JAN	14	USCGS	01 07 17, 49.2N, 154.9E, H = 80 Km, M =				
		KURILE ISLANDS					
		LPB	EPKP	01 26 24			
			EL	02 10 00			
		PNS	EPKP	01 26 24.6			
JAN	14	LPB	EP	06 12 17			
		PNS	EP	06 12 20			
			I	12 21.8		6.2	0.6
			S	13 45.0			
JAN	14	PNS	EP	07 58 18			
			E	58 31.2		0.5	2.0
		LPZ	EP	07 58 19			
		LPB	EP	07 58 19			
			S	58 31			
JAN	14	TRJ	IP	09 14 00.8	D		
JAN	14	PNS	EP	09 55 02		0.3	1.8
JAN	14	PNS	EP	10 48 46.2			
			I	48 47.7		0.4	1.7
			S	49 10			
		LPZ	EP	10 48 47			
		LPB	P	10 48 47			
			S	49 54.5			
JAN	14	PNS	EP	14 05 42.4			
			(S)	06 02		0.6	3.7
		LPB	EP	14 05 47			
			S	06 15			
JAN	14	PNS	EP	15 20 18.8			
			S	20 45.6		0.4	1.7
		LPB	EP	15 20 23			
JAN	14	LPB	P	16 59 46.2			
		LPZ	EP	16 59 48		0.9	17.0
		PNS	IP	16 59 50.0	D		
			(S)	17 00 13.0		0.6	8.6
JAN	14	PNS	EP	20 23 35			
			(S)	24 11.0		0.5	1.5

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	14	USCGS	20 41 07.5, 17.4S, 166.7E, H = 33 Km, M = 5.4					
		NEW HEBRIDES IS						
		LPZ	EL	20 36 00				
		PNS	EPKP	20 59 51				
			E	21 00 58.6				
		LPB	EPKP	20 59 52				116.4
			ESS	16 35				
			L	36.1				
JAN	14	USCGS	21 49 38.3, 37.8S, 73.4W, H = 33 Km, M = 5.0					
		NR C OF CENTRAL CHILE						
		TRJ	IP	21 53 49.1	D			
		LPB	P	21 54 30.5	C	1.0	55.0	21.6
		LPZ	P	21 54 31				
		PNS	IP	21 54 32.0	C	1.0	46.2	
JAN	14	LPB	EP	21 58 42				
		PNS	EP	21 58 54.2		0.5	2.0	2.0
			S	58 18.0				
JAN	14	PNS	IP	22 04 08.6	D	0.2	3.8	2.3
			S	04 35.4				
JAN	14	CCH	P	22 05 30.7				
		PNS	EP	22 05 38				
JAN	14	CCH	(IP)	22 20 48.5				
JAN	14	PNS	EP	22 23 47.1		0.3	1.4	3.6
			S	24 29.0				
JAN	15	LPB	EP	01 30 50				2.3
			ES	31 18.2				
JAN	15	LPZ	EP	01 35 08				
		LPB	P	01 35 08.2	C	0.8	11.2	2.8
			S	35 41				
		PNS	IP	01 35 09.5	C	0.7	7.2	2.9
			S	35 44.5				
JAN	15	PNS	EP	02 50 23.1		0.3	1.4	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	15	USCGS	03 34 20, 20.3S, 69.1W, H = 127 Km, M =					
		N CHILE						
		CCH	P	03 35 18.3	C			
		LPB	P	03 35 19.2		0.7	26.0	
			I	35 31.2				
			PG	35 38				
			S	36 04.5				
		LPZ	P	03 35 20.0				
			PG	35 37.5				
		TRJ	IP	03 35 20.1	D			
		PNS	IP	03 35 22.8	D	0.7	32.6	
			S	36 06.5				
JAN	15	PNS	EP	04 37 27.4		0.4	4.2	
			S	38 51.3				
		LPZ	EP	04 37 34				
		LPB	EP	04 37 35				
		TRJ	P	04 38 30.0	C			
JAN	15	LPB	EP	04 52 22				
		PNS	EP	04 52 22.2		0.5	1.5	
JAN	15	USCGS	05 09 11, 30.8S, 71.7W, H = 52 Km, M =					
		NR C OF CENTRAL CHILE						
		TRJ	EP	05 11 47.7	D			
		LPZ	P	05 12 36				
		LPB	P	05 12 36.5	C	1.0	20.0	
			EL	16.7				
		PNS	IP	05 12 38	C	1.0	11.1	
			IPP	12 50.1				
			S	15 07				
JAN	15	PNS	EP	06 44 40.6				
			S	46 50.5		0.5	2.0	
		LPB	EP	06 44 43				
			S	47 04				
		LPZ	EP	06 44 44				
		CCH	EP	06 44 44.5	C			
JAN	15	TRJ	IP	07 03 11.1	D			
			IS	03 41.7	C			
JAN	15	TRJ	IP	08 13 55.9	C			
		LPB	EP	08 14 43				
		PNS	EP	08 14 45.5		1.0	4.4	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	15	USCGS	09 01 15, 31. N, 140.8E, H = 33 Km, M = 4.2					
		S OF HONSHU, JAPAN						
		LPB	EPKP	09 21 02				149.9
		PNS	EPKP	09 21 02				
		CCH	(P)	09 21 27.2				
JAN	15	PNS	EP	10 03 01		0.6	12.8	2.5
			S	03 31				
		LPB	P	10 03 26.5	C	1.0	11.0	
			S	03 31				
JAN	15	CCH	(P)	10 48 31.4	D			
		PNS	EP	10 48 47.1				
JAN	15	USCGS	11 16 19, 19.7N, 108.8W, H = 33 Km, M = 4.5					
		REVILLA GIGEDO IS REGION						
		PNS	EP	11 25 38		1.8	33.5	
			PP	25 48.5				
		LPB	EP	11 25 41				54.0
			PP	25 51				
			ES	33 20				
			EL	42 00				
		LPZ	EP	11 25 41				
JAN	15	USCGS	11 59 58.6, 59.5N, 144.6W, H = 33 Km, M = 5.1					
		GULF OF ALASKA						
		CCH	(EP)	12 13 05.5				
		LPB	EP	12 13 29				97.2
			ESS	31 28				
			EL	12 46 00				
JAN	15	PNS	EP	15 18 04.0		0.5	1.5	
JAN	15	PNS	EP	15 55 15		1.0	2.2	
		CCH	IP	15 55 44.2	C			
JAN	15	CCH	(EP)	16 26 54.1	D			
		TRJ	IP	16 27 09.0	C			
		LPB	P	16 27 09.8				4.0
			IS	27 56				
		LPZ	P	16 27 11				
		PNS	IP	16 27 13.1	C	0.7	79.6	3.3
			I	27 31.0				
			S	27 52.4				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	15	CCH	(EP)	17 03 20.7	C			
		PNS	EP	17 03 46.4		0.2	2.5	
			S	04 10.5				
JAN	15	PNS	EP	17 52 09				
		LPB	EP	17 52 26				
JAN	15	USCGS	19 28 56.2, 33.6S, 70.1W, H = 33 Km, M =					
		CHILE-ARGENTINA BORDER REGION						
		LPB	P	19 32 55				
			PP	33 32		1.2	83.0	
			ES	36 04				
		PNS	IP	19 32 57.5	D			
			S	35 47		1.4	51.8	
			SS	36 05				
			I	37 03.2				
JAN	15	USCGS	19 29 35, 33.5S, 69.9W, H = 36 Km, M = 5.5					
		CHILE-ARGENTINA BORDER REGION						
		LPZ	IP	19 33 32				
		LPB	IP	19 33 33				
		PNS	IP	19 33 35.7	C	1.2	89.8	
			S	36 15.5				
			SS	36 44.7				
JAN	15	PNS	EP	20 26 24.0				
JAN	15	PNS	IP	20 48 48.2	D	0.3	13.8	
			S	49 13				
JAN	15	PNS	EP	20 51 38.6		0.5	1.5	
JAN	15	PNS	IP	21 08 14.8	D	0.4	10.6	
			S	08 37.5				
		CCH	IP	21 08 41.9	D			
JAN	15	PNS	P	21 32 59.6		0.5	3.5	
JAN	15	PNS	EP	23 16 53				
			S	17 15.5				
JAN	15	PNS	EP	23 28 38.9				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	16	TRJ	EP	00 20 30.5				
		PNS	EP	00 20 45		0.8	3.2	2.6
			S	20 15.6				
		LPZ	EP	00 20 46				
		LPB	EP	00 20 46.5	C	0.8	15.4	1.8
			S	21 09.5				
			G	38.8				
			L	43.1				
		CCH	EP	00 20 51.8	C			
JAN	16	PNS	EP	01 19 25		0.8	2.4	
		CCH	EP	01 19 32.1	C			
JAN	16	PNS	EP	01 22 01		0.3	1.6	
		CCH	(EP)	01 22 10.2				
JAN	16	PNS	EP	02 02 10		0.6	5.8	
			I	02 15.5				
		LPB	P	02 02 12		1.3	28.0	
		LPZ	EP	02 02 13				
JAN	16	PNS	EP	02 49 37.4		0.5	5.3	2.2
			S	50 03				
JAN	16	TRJ	P	02 57 17.4	D			2.4
			S	57 46.3				
JAN	16	LPB	P	03 08 08.8	D	1.4	48.0	3.9
			S	08 54				
		LPZ	EP	03 08 10				
		PNS	EP	03 08 10.8		0.6	4.1	2.6
			S	08 41.7				
		TRJ	P	03 08 20.7	C			
JAN	16	TRJ	IP	03 35 39.7	D			2.6
			IS	36 11.5	D			
JAN	16	PNS	EP	06 00 24		0.6	1.7	
		LPZ	EP	06 00 25				
		LPB	P	06 00 26				
JAN	16	TRJ	IP	06 32 45.4	D			2.7
			IS	33 18.1				
		LPB	P	06 33 06				
		PNS	EP	06 33 10.1	C	0.5	4.8	
		CCH	(EP)	06 33 28.3	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
JAN	16	PNS	EP	06 37 22.1			
		LPZ	P	06 37 28		0.7	8.2
		LPB	P	06 37 29.8			
		TRJ	P	06 38 30.0			
JAN	16	USCGS	07 07 56.9, 9.2N, 93.8E, H = 33 Km, M =				
		NICOBAR IS REGION					
		LPB	EPKP	07 27 58			
			PKP2	28 37			
		PNS	EPKP	07 27 58			
			E	29 34.2			
		TRJ	EPKP	07 27 58.8			
JAN	16	USCGS	09 11 50, 52.9N, 171.9E, H = 25 Km, M =				
		NR IS, ALEUTIAN IS					
		PNS	EPKP	09 30 42.2			
		LPB	EPKP	09 30 50			
			EL	10 10 00			
		TRJ	PKP	09 30 53.3			
		CCH	(EP)	09 31 00.6	D		
JAN	16	TRJ	P	09 37 14.7	C		
			S	37 44.4			
JAN	16	LPB	EP	09 40 00			
		CCH	IP	09 40 07.1			
		PNS	EP	09 40 54.4		0.3	8.7
JAN	16	LPB	EP	09 58 48			
		PNS	IP	09 59 31.2	C	0.3	3.1
			S	59 53			
JAN	16	PNS	EP	10 16 07		0.4	4.0
JAN	16	TRJ	EP	10 39 50.2			
			S	40 24.9	D		
JAN	16	PNS	EP	11 48 36			
JAN	16	TRJ	P	12 33 26.0	C		
		LPB	P	12 33 58			
			EL	46 00			
		PNS	EP	12 33 59.8		0.9	4.5
JAN	16	TRJ	P	13 08 25.9	C		

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	16	PNS	EP	14 50 06.2		0.8	4.8	
		LPB	EP	14 50 07				
JAN	16	PNS	EP	15 06 38.6		0.3	1.3	
JAN	16	PNS	EP	18 23 03		0.2	1.2	
JAN	16	PNS	IP	18 43 44	C	1.0	14.6	4.2
			S	44 33				
		LPZ	EP	18 43 49				
		LPB	P	18 43 49.2		0.9	13.5	4.8
			S	44 44				
JAN	16	USCGS	18 52 00.8, 33.2N, 26.2E, H = 33 Km, M = 5.0					
		E MEDITERRANEAN SEA						
		LPB	EPKP	19 05 52				102.6
JAN	16	PNS	EP	19 50 00.2		0.8	1.6	
JAN	16	PNS	EP	19 51 53				0.4
			S	52 00				
JAN	16	USCGS	19 44 39.5, 54.9N, 165.8E, H = 15 Km, M = 5.6					
		KOMANDORSKY IS REGION						
		PNS	EPKP	20 03 38.9				
		LPB	EPKP	20 03 40				124.2
			EL	43 00				
		LPZ	EL	20 43 00				
JAN	16	LPB	EP	20 19 04				
		PNS	EP	20 19 34				2.6
			S	20 05.4				
JAN	16	PNS	EP	20 29 02		0.6	1.2	8.0
			S	30 30.5				
		LPB	EP	20 29 07				
JAN	16	LPB	EP	21 07 10				
		PNS	EP	21 07 13.3		0.6	4.1	2.2
			S	07 39				
JAN	16	PNS	EP	21 37 10.6				2.7
			S	37 43				
		LPB	EP	21 37 50				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
JAN	16	PNS	EP	22 55 13		0.2	1.2
JAN	16	PNS	EP	23 24 26.3		0.4	1.6
JAN	16	USCGS	23 41 58.3, 37.3N, 140.9E, H = 55 Km, M				
		HONSHU, JAPAN					
		LPB	PKP	00 01 31.2			
			EL	50 00			
		PNS	EPKP	00 01 32			
			PPKP	01 45.2			
			E	01 50.6			
JAN	17	PNS	EP	00 31 52.3		0.3	6.6
			S	32 18.2			
JAN	17	LPB	EP	01 31 44			
		PNS	EP	01 31 49		0.3	3.7
JAN	17	TRJ	IP	01 50 03.7	D		
JAN	17	PNS	EP	03 17 21.3		0.3	1.4
JAN	17	PNS	IP	03 47 43.0	D	0.7	46.9
			S	48 07			
		LPB	IP	03 47 44.5	D	0.9	90.0
		LPZ	S	48 04.0			
			IP	03 47 45.5			
JAN	17	PNS	EP	04 10 47.7			
		LPB	EP	04 10 48			
JAN	17	TRJ	P	04 31 07.6	D		
			IS	31 36.9			
JAN	17	PNS	IP	04 33 50.8	D	0.3	4.1
			S	34 22			
		LPB	EP	04 34 50			
JAN	17	PNS	EP	05 21 08			
JAN	17	PNS	EP	05 24 48			
JAN	17	TRJ	IP	05 38 04.4	D		
			IS	38 37.4	C		

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	17	LPB	EP	05 46 30				
		PNS	EP	05 46 35				
JAN	17	USCGS	06 12 08, 15.5N, 104.6W, H = 33 Km, M = 5.2					
		OFF C OF MICHOACAN, MEXICO						
		PNS	EP	06 20 44		1.2	8.4	
		LPB	P	06 20 47	C	1.2	15.5	48.2
			EL	36 00				
		LPZ	P	06 20 47.5				
JAN	17	USCGS	06 24 46, 3.4S, 79.3W, H = 138 Km, M = 3.7					
		NR C OF ECUADOR						
		LPB	EP	06 28 36				16.7
		PNS	EP	06 28 38				
			E	28 47.4				
JAN	17	USCGS	06 57 04.2, 11.5S, 75.9W, H = 98 Km, M = 4.3					
		PERU						
		PNS	IP	06 59 08.6	D	0.5	3.0	7.9
			S	07 00 38.7				
		LPB	P	06 59 14				8.9
JAN	17	PNS	EP	08 30 08.8		0.3	1.4	
		LPB	EP	08 30 21				
JAN	17	PNS	EP	11 23 00.6		0.5	2.0	
JAN	17	TRJ	IP	13 09 11.8	D			2.1
			S	09 47.5	C			
JAN	17	USCGS	14 42 22.9, 14. N, 91.7W, H = 126 Km, M = 4.6					
		NR C OF GUATEMALA						
		PNS	EP	14 49 34		1.0	5.5	
		LPB	EP	14 49 38				38.5
			EL	15 01 00				
JAN	17	PNS	EP	17 10 48.2				
JAN	17	USCGS	17 49 59.3, 20.8S, 178.5W, H = 543 Km, M = 5.7					
		FIJI IS REGION						
		PNS	EP	18 03 02				
		LPB	EL	18 38 00				102.4

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	17	LPB	EP	18 18 55				
		PNS	EP	18 18 58		0.7	7.2	
JAN	17	USCGS	18 09 05.9, 21.6N, 142.9E, H = 324 Km,					
		MARIANA IS REGION						
		PNS	EP	18 28 21.6				
		LPB	PKP	18 28 22.5		1.0	11.0	
			EL	19 20 00		1.0	210.0	
		LPZ	EPKP	18 28 23				
JAN	17	PNS	EP	18 56 53				
			S	57 16.6		0.4	2.1	
JAN	17	LPB	EP	22 53 35.5				
		PNS	IP	22 53 35.5	D			
			S	54 00		0.3	6.9	
JAN	17	LPB	P	23 34 15.5	C	1.0	16.0	
		LPZ	EP	23 34 16				
		PNS	EP	23 34 18.7		0.8	10.1	
JAN	18	LPB	EP	00 50 08				
		PNS	IP	00 50 10	D			
			S	50 40.0		0.4	8.4	
JAN	18	TRJ	IP	00 59 16.7	D			
JAN	18	USCGS	01 13 15.8, 29.3N, 130.4E, H = 33 Km, M =					
		RYUKYU IS						
		LPB	PKP	01 33 14				
			EL	57 00				
		LPZ	EPKP	01 33 14				
		PNS	EPKP	01 33 14.7				
JAN	18	PNS	EP	03 17 45				
		LPB	EP	03 17 46				
JAN	18	LPB	EP	05 27 17				
			ES	29 20				
		PNS	EP	05 27 23				
			S	29 25.4		0.4	1.3	
JAN	18	USCGS	06 27 12.7, 18.6S, 177.8W, H = 364 Km, M =					
		FIJI IS REGION						
		LPB	EP	06 40 31				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	18	TRJ	IP	07 17 32.1	D			
		LPB	EP	07 18 05				
		PNS	EP	07 18 07.6		0.9	7.6	
JAN	18	LPB	EP	08 41 14				
		PNS	EP	08 41 16		0.2	0.6	4.7
			S	42 10				
JAN	18	USCGS	10 25 58, 3.5S, 80.9W, H = 66 Km, M = 4.5					
		PERU-ECUADOR BORDER REGION						
		PNS	EP	10 30 02.8		0.9	13.3	
		LPZ	P	10 30 05				
		LPB	P	10 30 05.5				17.8
			EL	36 00				
JAN	18	PNS	IP	13 58 09.2		0.3	1.4	
JAN	18	PNS	EP	14 58 10		0.6	1.8	
		LPB	EP	14 58 12				
JAN	18	PNS	IP	15 01 00.5	D	0.3	5.5	2.3
			S	01 28.0				
		LPB	EP	15 01 08				
JAN	18	PNS	EP	15 56 48.6		0.4	1.3	1.9
			S	57 11.2				
JAN	18	PNS	IP	16 18 05.2	C	0.8	4.2	
		LPB	EP	16 18 09				
JAN	18	PNS	EP	17 38 01		0.8	4.2	
JAN	18	LPB	P	18 23 01	C	0.7	24.7	2.2
			S	23 28.5				
		PNS	IP	18 23 01.9	C	0.4	23.2	2.3
			S	23 30				
		LPZ	EP	18 23 02				
JAN	18	LPB	EP	18 46 13				
JAN	18	USCGS	20 19 25.6, 2.6S, 138.8E, H = 54 Km, M = 5.5					
		W NEW GUINEA						
		LPB	EPKP	20 39 05				147.2
			EL	21 09 00				
		LPZ	EPKP	20 39 06				
		PNS	IPKP	20 39 07.0	C	0.9	66.7	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
JAN	18	LPB	EP	21 49 32			
		LPZ	EP	21 49 34		1.0	16.0
		PNS	EP	21 49 36.0			
			S	51 09.2		0.8	6.7
JAN	18	PNS	EP	22 49 51.5			
JAN	19	TRJ	IP	00 47 10.3	D		
			(IS)	47 51.8			
		LPB	P	00 48 03	D		
			S	49 29.5		-0.5	28.6
		LPZ	EP	00 48 04			
		PNS	IP	00 48 07.6	D		
			S	49 35		0.4	20.1
JAN	19	USCGS	01 45 26.1, 3.4N, 97.3E, H = 33 Km, M =				
		N SUMATRA					
		LPB	EPKP	02 05 15			
JAN	19	USCGS	04 44 28.9, 17.8S, 71.3W, H = 50 Km, M				
		NR C OF PERU					
		PNS	IP	04 45 21.4			
			S	43 00			
		LPZ	IP	04 45 23			
		LPB	IP	04 45 24.0	C	0.8	448.0
			S	45 42			
			SS	46 17			
			L	46.7			
		TRJ	IP	04 46 12.7	C		
JAN	19	LPB	EP	06 27 46.5			
			ES	28 09			
		PNS	EP	06 27 47			
			S	28 11		0.3	1.7
JAN	19	PNS	EP	06 50 04.6			
		LPB	EP	06 50 06		0.8	3.2
JAN	19	TRJ	IP	09 41 56.3	D		
JAN	19	TRJ	IP	10 15 18.0	C		
			IS	15 51.1			
JAN	19	PNS	EP	11 29 49.4			
			S	30 28		0.3	0.9
		LPB	EP	11 29 51			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	19	PNS	EP	12 26 27.4		0.7	2.7	
		LPB	EP	12 26 28				
JAN	19	USCGS	12 47 54, 51.1N, 175.2E, H = 33 Km					
		RAT IS, ALEUTIAN IS						
		LPB	EPKP	13 09 23				113.4
			EL	41 00				
JAN	19	USCGS	21 06 33, 22.6N, 143.2E, H = 127 Km, M = 4.6					
		VOLCANO IS REGION						
		PNS	EPKP	21 26 11.0		1.0	11.5	
		LPB	PKP	21 26 12.5	D	1.7	72.0	149.8
JAN	20	LPB	EP	00 24 18				
		PNS	IP	00 24 18.3	C	0.3	8.7	1.9
			S	24 41.0				
JAN	20	USCGS	01 44 49.5, 37.9N, 138.0E, H = 33 Km, M = 5.5					
		NR W C OF HONSHU, JAPAN						
		LPB	PKP	02 04 32.5	D	1.0	14.0	148.5
			I	04 35.5				
			EL	56 00				
		PNS	EPKP	02 04 32.8		2.0	392.0	
		LPZ	EPKP	02 04 33				
		TRJ	EPKP	02 04 41.7				
JAN	20	TRJ	P	02 36 16.7	D			
		PNS	EP	02 37 14.8				
JAN	20	LPB	EP	04 10 06				
		PNS	EP	04 10 06.7		0.5	4.8	3.2
			S	10 45.1				
JAN	20	USCGS	04 27 44.9, 15.1S, 168.0E, H = 28 Km, M = 5.5					
		NEW HEBRIDES IS						
		LPZ	EPKP	04 46 30				
		LPB	EPKP	04 46 30.5				115.7
			PS	57 21				
			SS	05 04 16				
			L	22.6				
		PNS	EPKP	04 46 32.5		2.0	36.3	
JAN	20	USCGS	05 34 45.1, 15.2S, 168.2E, H = 33 Km, M = 4.7					
		NEW HEBRIDES IS						
		LPB	EPKP	05 54 22				115.5
			ESS	06 10 23				
			EL	06 30 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	A
JAN	20	TRJ	P	06 47 46.4	D		
		PNS	EP	06 48 45.4		0.3	
JAN	20	USCGS	07 14 04.6, 14.9S, 75.6W, H = 49 Km,				
		NR C OF PERU					
		PNS	IP	07 15 48.8	C	1.1	13
			S	17 07.8			
		LPZ	EP	07 15 53			
		LPB	P	07 15 53.5		1.0	6
			S	17 17			
		TRJ	P	07 16 57.9	D		
JAN	20	TRJ	P	08 06 31.4	D		
		PNS	EP	08 07 02.4		1.1	6
		LPB	EP	08 09 55			
JAN	20	LPB	EL	08 55 00			
JAN	20	LPB	EL	09 51 00			
JAN	20	LPB	EP	09 55 00			
			S	55 37.5			
		LPZ	EP	09 55 01			
		PNS	EP	09 55 05.6		0.5	1
			S	55 43			
		TRJ	IP	09 55 19.7	C		
JAN	20	LPB	EL	10 31 00			
JAN	20	LPB	EP	10 59 57			
		PNS	EP	11 00 00		1.0	5
JAN	20	TRJ	P	13 13 30.8	D		
		PNS	EP	13 14 20.6		0.8	4
JAN	20	USCGS	14 46 06.2, 53. N, 171.8E, H = 29 Km,				
		NR IS ALEUTIAN IS					
		PNS	EPKP	15 04 57.8		0.7	2
		LPB	EL	15 44 00			
JAN	20	USCGS	15 01 53.4, 15.3S, 173.0W, H = 33 Km,				
		SAMOA IS REGION					
		LPB	EL	15 49 00			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	20	USCGS	16 32 19.9, 52.4N, 169.6W, H = 19 Km, M = 5.3					
		FOX IS, ALEUTIAN IS						
		LPB	EL	17 24 00				109.9
JAN	20	USCGS	21 31 24.5, 5. S, 79.7W, H = 53 Km, M = 4.1					
		ECUADOR						
		LPB	P	21 35 51.5				15.8
JAN	21	USCGS	00 27 16, 11.3N, 62.1W, H = 158 Km, M = 3.8					
		WINDWARD IS						
		LPB	EP	00 33 03				28.6
			EL	38 00				
JAN	21	LPB	EP	00 39 17		1.0	10.0	
JAN	21	LPB	P	00 47 42	C	0.9	15.0	
JAN	21	LPB	EP	04 25 09				
JAN	21	TRJ	P	05 22 22.7	D			2.5
			S	22 52.8				
JAN	21	TRJ	P	05 39 47.6	C			
JAN	21	USCGS	12 39 43, 12. N, 43.8E, H = 33 Km, M = 4.7					
		W ARABIAN PENINSULA						
		LPB	EL	13 34 00				114.1
JAN	21	PNS	IP	18 00 03.9	D	0.3	8.5	1.8
			S	00 26.4				
		LPB	EP	18 00 55				
JAN	21	USCGS	18 03 30.6, 51.3N, 179.3E, H = 48 Km, M = 4.7					
		RAT IS, ALEUTIAN IS						
		PNS	EPKP	18 22 20				
		LPB	EL	18 59 00				117.1

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMP
JAN	21	USCGS NR W C OF COLOMBIA	18 20 24.4, 5.6N, 77.6W, H = 14 Km, M				
		PNS	EP	18 25 32.0		0.6	4.
		LPZ	EP	18 25 38			
		LPB	EP	18 25 39			
			S	30 00			
			L	34.2			
JAN	21	PNS	EP	22 28 55.8	C	0.5	2.
JAN	22	LPB	EP	00 21 52			
			(S)	22 26.5			
		PNS	IP	00 21 52.6	D	0.3	8.
			S	22 29.5			
JAN	22	USCGS TURKEY	00 23 42.7, 37.7N, 30.0E, H = 23 Km,				
		LPB	EP	00 37 55			
			EL	01 14 00			
		PNS	EP	00 37 59			
JAN	22	USCGS KERMADEC IS	03 54 52.8, 28.9S, 176.8W, H = 33 Km,				
		LPB	EP	04 08 23			
			EL	41 00			
JAN	22	TRJ	EP	04 21 55.6	C		
			S	22 36.8			
JAN	22	LPB	P	05 19 04	C	1.0	16.
			S	20 00.5			
		LPZ	EP	05 19 04			
		PNS	EP	05 19 04.5		0.3	27.
			S	19 48			
JAN	22	LPB	P	06 12 25			
			S	13 02			
		PNS	EP	06 12 30			
JAN	22	TRJ	P	06 54 16.4	D		
			S	54 54.4			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	22	USCGS CHIAPAS, MEXICO	07 36 49.3, 17.4N, 94.1W, H = 139 Km, M = 4.9					
		PNS	IP	07 44 28.3	D	1.0	38.0	41.0
			S	50 36				
		LPZ	P	07 44 31				
		LPB	EP	07 44 31	D	1.2	46.9	42.3
		TRJ	IP	07 45 17.3	D			
JAN	22	USCGS GUERRERO, MEXICO	07 47 44.8, 18.8N, 101.2W, H = 115 Km, M = 4.1					
		PNS	IP	07 56 11.7	C	0.8	10.3	
		LPZ	EP	07 56 12				
		LPB	EP	07 56 12				47.7
JAN	22	PNS	IP	10 43 44.0	C	0.5	28.3	3.2
			S	44 22.5				
		LPZ	IP	10 43 48				
		LPB	IP	10 43 48.5	C	0.8	50.5	3.8
			(S)	44 32.5				
JAN	22	USCGS FIJI IS REGION	11 01 05.3, 17.9S, 178.5W, H = 598 Km, M = 5.3					
		LPB	EPKP	11 14 06				103.5
JAN	22	USCGS JUJUY PROVINCE, ARGENTINA	12 42 04.8, 22.3S, 65.8W, H = 243 Km, M = 4.3					
		TRJ	IP	12 42 48.6	D			
		PNS	IP	12 43 43.8	D	0.6	31.4	6.6
			S	44 59				
		LPZ	IP	12 43 49				
		LPB	IP	12 43 49.5	D	0.9	98.5	6.3
			PG	43 53.5				
			S	44 50				
JAN	22	USCGS PERU	14 05 41, 10.3S, 74.7W, H = 96 Km, M = 4.2					
		PNS	EP	14 07 41.4				7.9
			S	09 11				
		LPB	EP	14 07 49.5				8.8
JAN	22	USCGS S OF ALASKA	14 27 07.9, 56. N, 153.7W, H = 33 Km, M = 5.8					
		LPB	EP	14 40 51				101.6
			SKS	51 36				
			ESS	59 07				
			EL	15 16 00				
		PNS	EP	14 40 51.2				
			EPP	50 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AM
JAN	22	USCGS	19 02 49, 10.8N, 43.5W, H = 33 Km,				
		N ATLANTIC RIDGE					
		LPB	EP	19 09 53.5			
		PNS	P	19 09 54.3	C	1.0	14
JAN	22	PNS	P	19 17 04.8		0.5	3
JAN	22	PNS	EP	20 01 01.1			
JAN	22	PNS	EP	22 13 21.6			
JAN	22	USCGS	22 07 35, 62.1N, 141.3W, H = 46 Km,				
		CENTRAL ALASKA					
		PNS	EP	22 21 02.8			
		LPB	EL	22 53 00			
JAN	23	PNS	EP	00 06 38.8		0.3	1
JAN	23	PNS	EP	00 59 37.5		0.3	3
JAN	23	USCGS	00 57 22, 16.3N, 94.9W, H = 32 Km,				
		OAXACA, MEXICO					
		LPB	EP	01 05 03			
			EL	17 00			
		PNS	EP	01 05 04		1.0	13
			SS	14 30			
JAN	23	USCGS	01 56 38, 37. N, 106.9W, H = 10 Km,				
		NEW MEXICO					
		PNS	EP	02 07 16		1.3	10
		LPB	P	02 07 17.2	D	1.4	24
			EL	26 00			
JAN	23	PNS	EP	02 16 15.7		0.4	2
			S	16 39			
JAN	23	PNS	IP	02 44 17.9	D	0.3	8
			S	44 41			
		LPB	EP	02 44 18			
			S	44 43			
JAN	23	TRJ	P	04 29 07.6	C		
			S	29 42.8	D		

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	23	PNS	EP	05 12 04.3		0.4	2.0	2.2
			S	12 31.0				
JAN	23	TRJ	P	06 45 35.2	C			
		LPB	EP	06 45 56				
		PNS	EP	06 45 58.5		0.3	0.8	
JAN	23	PNS	EP	07 08 03.2		0.4	3.3	2.3
			(S)	08 31.0				
JAN	23	PNS	EP	07 59 28.3		0.3	1.7	
JAN	23	PNS	EP	08 05 24.5		0.2	11.6	1.0
			(S)	05 38				
		LPB	P	08 05 30				
JAN	23	PNS	EP	09 41 28		0.4	1.1	
		LPB	EP	09 41 43				
JAN	23	PNS	EP	09 54 45.8		0.3	2.5	2.3
			S	55 14.2				
		LPB	EP	09 54 50				2.5
			S	55 20.5				
JAN	23	PNS	EP	11 19 04.7		0.2	1.5	
JAN	23	USCGS	11 15 54.8, 36.5N, 138.1E, H = 7 Km, M = 4.4					
		HONSHU, JAPAN						
		PNS	EPKP	11 35 48		1.3	6.9	
		LPB	EPKP	11 35 50				149.5
			EL	12 26 00				
JAN	23	LPB	P	11 52 33.2				
		PNS	EP	11 52 36		0.8	3.8	
JAN	23	LPB	EP	13 45 40				
		PNS	EP	13 45 49.6		0.3	1.7	2.3
			S	46 17				
JAN	23	PNS	EP	14 07 30		0.7	4.6	6.7
			S	08 46				
		LPB	EP	14 07 40				6.8
			S	08 57				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AM
JAN	23	PNS	EP	14 23 29.3		0.2	1.
			S	24 13			
JAN	23	LPB	EP	14 38 00			
		PNS	EP	14 38 00.5		0.6	1.
JAN	23	USCGS	15 04 10, 27.9S, 176.9W, H = 47 Km,				
		KERMADEC IS					
		LPB	EP	15 17 42			
			EL	50 00			
JAN	23	PNS	IP	15 51 47.8	D	0.6	30.
			S	52 11			
		LPZ	EP	15 51 50			
		LPB	EP	15 51 50.5			
JAN	23	PNS	EP	16 10 35.0		0.6	1.
			E	10 47.0			
			(S)	12 04			
		LPZ	EP	16 10 48			
		LPB	EP	16 10 49			
			(S)	12 12			
JAN	23	PNS	IP	18 22 42.5	D	0.4	3.
			S	23 06			
JAN	23	PNS	IP	21 15 51.5	D	0.3	8.
JAN	23	LPB	EP	21 21 22.5			
			(S)	21 30			
		LPZ	EP	21 21 24			
		PNS	IP	21 21 27.8	C	0.8	6.
JAN	23	USCGS	23 09 17.9, 35.9N, 140.5E, H = 70 Km,				
		NR C OF HONSHU, JAPAN					
		PNS	EPKP	23 28 55		1.0	8.
		LPZ	EPKP	28 28 58			
		LPB	PKP	23 28 58.5	D	0.8	12.
			PPKP	29 14.5			
JAN	23	TRJ	IP	23 36 49.6	C		
			S	37 14.6			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	23	LPB	EP	23 49 12.5				2.3
			S	49 39.8				
		PNS	EP	23 49 21		0.5	8.3	2.9
			S	49 55				
JAN	24	PNS	EP	00 12 01		0.5	1.0	
		LPB	EP	00 12 05				
JAN	24	PNS	EP	00 37 12		0.5	1.5	
JAN	24	PNS	EP	01 46 38.2		0.2	1.3	
JAN	24	LPB	EP	02 25 24				
		PNS	EP	02 25 39.8		0.2	1.5	
JAN	24	USCGS	02 15 27.7, 32.7N, 67.6E, H = 33 Km, M = 5.2					
		AFGHANISTAN						
		PNS	PKP	02 34 34				
		LPB	EL	03 15				127.8
JAN	24	USCGS	03 46 58, 12.4N, 88.3W, H = 48 Km, M = 4.5					
		OFF C OF CENTRAL AMERICA						
		PNS	EP	03 53 46		1.4	16.4	
		LPB	EP	03 53 49				34.9
			EL	04 04 00				
JAN	24	PNS	EP	07 10 53.8				
JAN	24	USCGS	07 23 07.6, 29.9N, 69.7E, H = 12 Km, M = 5.8					
		W PAKISTAN						
		TRJ	EPKP	07 41 31.0				
		LPZ	PKP	07 42 38				
		LPB	PKP	07 42 38.2				139.2
			EPKS	46 06				
			ESS	08 03 20				
			EL	29 00				
		PNS	PKP	07 42 38.8		1.5	38.3	
JAN	24	LPB	EP	09 15 10				2.3
			S	15 37.5				
		PNS	EP	09 15 15.4		0.4	1.7	2.6
			S	15 46				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMP
JAN	24	USCGS	09 42 02.2, 6.9N, 73.0W, H = 155 Km,				
		COLOMBIA					
		LPB	EP	09 46 58			
		PNS	EP	09 46 58.9			
			E	47 33			
JAN	24	TRJ	P	10 18 30.1	D		
			S	19 01.8			
JAN	24	PNS	EP	10 24 03.6		0.2	1
JAN	24	USCGS	10 48 05, 3. N, 123.3E, H = 282 Km,				
		N CELEBES					
		TRJ	PKP	11 07 34.1	D		
		LPB	EPKP	11 07 37			
			PKP2	08 22			
			EL	12 04 00			
		PNS	EPKP	11 07 38.6		1.0	5
JAN	24	USCGS	15 32 48.1, 29.9N, 69.8E, H = 4 Km,				
		W PAKISTAN					
		LPB	EPKP	15 51 43			
			EL	16 38 00			
JAN	24	USCGS	21 07 39, 23.6S, 64.2W, H = 14 Km,				
		JUJUY PROVINCE, ARGENTINA					
		TRJ	IP	21 08 18.6	C		
		LPZ	EP	21 09 37			
			EL	12.6			
		LPB	EP	21 09 37.5			
			PP	09 49.5			
			S	10 28.5			
			SS	10 56			
			L	12.7			
JAN	25	TRJ	EP	02 33 16.3	C		
		LPB	P	02 33 42.5	C	0.9	11
			S	34 08.5			
		LPZ	P	02 33 44			
JAN	25	LPB	EP	03 15 52			
JAN	25	TRJ	IP	08 52 48.7	D		

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	25	USCGS	10 38 06, 36.9N, 107.2W, H = 33 Km, M = 4.4					
		NEW MEXICO						
		LPB	EP	10 48 50				65.7
JAN	25	LPB	IP	12 54 42.2	D	0.7	91.0	
		LPZ	EP	12 54 44				
JAN	25	LPZ	EP	16 50 22				
		LPB	EP	16 50 25				
JAN	25	USCGS	16 59 53, 8.8N, 82.8W, H = 71 Km, M = 4.1					
		PANAMA-COSTA RICA BORDER REGION						
		LPB	EP	17 05 32				29.0
JAN	25	USCGS	18 05 54.4, 1.6N, 117.8E, H = 42 Km					
		BORNEO						
		LPB	EPKP	18 26 04				
			EL	19 24 00				
JAN	25	USCGS	22 53 49, 20.8S, 69.6W, H = 110 Km, M = 4.4					
		NORTHERN CHILE						
		TRJ	IP	22 54 48.8	C			4.1
			S	55 35.0				
		LPZ	EP	22 54 56				
		LPB	EP	22 54 56.5	D	1.2	57.0	4.5
JAN	26	TRJ	IP	00 45 13.8	D			2.5
			IS	45 44.1				
JAN	26	USCGS	01 00 15.2, 59.6S, 26.3W, H = 80 Km, M = 5.6					
		S SANDWICH IS REGION						
		TRJ	IP	01 08 39.2	C			
		LPB	EP	01 09 23.2	C	1.3	196.0	55.4
			IPP	09 43.7				
			EL	26.7				
		LPZ	EP	01 09 23.5				
JAN	26	USCGS	01 22 25, 47.9N, 145.4E, H = 474 Km, M = 4.3					
		SEA OF OKHOTSK						
		LPB	EPKP	01 40 05				138.5
			EL	02 27 00				
JAN	26	LPB	IP	02 07 31.0	D	0.8	23.7	2.2
			S	07 57.5				
		LPZ	P	02 07 32				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AM
JAN	26	USCGS JAVA	04 20 28, 7.1S, 110.4E, H = 238 Km				
		LPB	EPKP	04 40 33.5			
JAN	26	LPB	EP	04 55 42			
			S	55 55.5			
		LPZ	EP	04 55 43			
		TRJ	EP	04 56 35.6	D		
JAN	26	USCGS IS CORDILLERA	05 49 06, 48.9S, 111.1W, H = 33 Km,				
		LPB	EP	05 57 40			
		LPZ	EP	05 57 40			
JAN	26	TRJ	IP	06 29 10.3	D		
		LPB	EP	06 29 53			
		LPZ	EP	06 30 00			
JAN	26	LPB	P	07 05 47.5	C	0.8	84
			(S)	06 45			
		LPZ	P	07 05 48			
		TRJ	EP	07 07 04.2	D		
JAN	26	TRJ	P	07 47 12.9	D		
		LPB	EP	07 47 46			
JAN	26	TRJ	EP	08 07 07.7			
			S	07 38.8	C		
JAN	26	USCGS P.I. REGION	11 18 15.7, 19.9N, 121.3E, H = 38 Km,				
		LPB	EPKP	11 38 25			
			EL	12 40 00			
JAN	26	TRJ	IP	14 51 46.8	D		
			S	52 19.1	D		
JAN	26	TRJ	P	15 37 06.2	D		
			S	37 36.2	D		
JAN	26	USCGS NEW HEBRIDES IS	15 30 42.7, 14.3S, 167.3E, H = 207 Km				
		LPB	EPKP	15 49 05			
			EL	16 26 00			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	26	LPB	EP	16 16 18				1.5
			IS	16 37				
		LPZ	EP	16 16 20				
JAN	26	LPZ	EP	17 40 30				
		LPB	EP	17 40 31				
JAN	26	LPB	P	18 35 18.2		1.0	9.0	
JAN	26	LPB	EL	19 24 00				
JAN	26	TRJ	P	19 52 35.3				
		LPB	EP	19 52 49		1.2	23.4	6.7
			(S)	54 05.5				
		LPZ	EP	19 52 50				
JAN	26	LPB	EP	21 30 50				
JAN	26	TRJ	IP	22 00 36.1	C			
		LPB	IP	22 01 21.8	C	1.2	117.0	
		LPZ	IP	22 01 22				
JAN	26	USCGS BONIN IS REGION	22 54 13, 28.8N, 139.5E, H = 441 Km, M = 4.3					
		LPB	EPKP	23 14 17				154.5
			EL	00 07 00				
JAN	26	TRJ	P	23 26 33.1	D			2.4
			S	27 03.0				
JAN	26	TRJ	IP	23 55 59.0	D			
JAN	27	LPB	EP	00 06 49				
JAN	27	LPB	EP	00 16 13		1.3	22.4	5.7
			(S)	17 18.2				
		TRJ	EP	00 17 09.5				
JAN	27	USCGS FIJI IS REGION	02 01 36.7, 17.9S, 178.6W, H = 600 Km, M = 5.1					
		LPB	EP	02 14 28				103.5
			EL	45 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
JAN	27	USCGS	02 27 01, 3.1N, 100.4W, H = 33 Km, M				
		CENTRAL PACIFIC OCEAN					
		LPB	P	02 34 05	C	1.2	23.
			EL	46 00			
		LPZ	EP	02 34 05			
JAN	27	LPB	EP	04 56 22			
			(S)	56 40			
JAN	27	TRJ	EP	05 22 40.9			
			S	23 19.6			
JAN	27	LPB	EP	09 38 00			
		LPZ	EP	09 38 00			
JAN	27	USCGS	10 19 56, 53.7N, 163.7W, H = 33 Km, M				
		UNIMAK IS REGION					
		TRJ	IP	10 32 29.9	C		
		LPZ	EP	10 33 28			
		LPB	EP	10 33 28			
			ESKS	44 18			
			EL	11 10 00			
JAN	27	LPB	P	11 31 52	C	1.0	24.7
JAN	27	TRJ	IP	12 16 21.6	D		
			S	16 55.6			
JAN	27	USCGS	12 00 29.1, 40.2N, 140.5E, H = 65 Km,				
		HONSHU, JAPAN					
		LPB	EPKP	12 19 55			
JAN	27	LPB	EP	13 42 37.5			
JAN	27	LPZ	EP	14 34 30			
		LPB	EP	14 34 30			
JAN	27	LPB	EP	15 40 46		0.9	15.1
JAN	27	LPB	EL	16 26.6			
JAN	27	LPB	EP	18 06 31			
		LPZ	EP	18 06 32			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	27	USCGS	17 15 55, 20. S, 168.6E, H = 33 Km,					
		LOYALTY IS						
		LPB	EL	18 10 00				
JAN	27	LPZ	EP	19 11 50				
		LPB	EP	19 11 52				
JAN	27	TRJ	IP	19 20 40.2	C			4.0
			IS	21 26.2				
		LPB	P	19 20 49	C	1.2	363.0	4.3
			I	20 50.5				
			S	21 39				
			L	22.1				
		LPZ	P	19 20 50				4.1
			ES	21 38				
JAN	27	USCGS	19 39 04.5, 51.1N, 178.1E, H = 41 Km, M = 5.4					
		RAT IS, ALEUTIAN IS						
		LPB	EL	20 35 00				117.8
JAN	28	USCGS	04 36 46.1, 17.5S, 176.9E, H = 558 Km, M = 5.6					
		FIJI IS REGION						
		LPB	EP	04 49 52				107.6
			EL	05 25 00				
JAN	28	LPB	EP	05 36 16				
		LPZ	EP	05 36 16				
		TRJ	IP	05 36 19.0	C			
JAN	28	LPB	EP	05 45 57		0.7	91.0	
JAN	28	LPB	EP	05 50 03.6		1.2	312.0	
		LPZ	EP	05 50 04				
JAN	28	USCGS	05 42 16.4, 17.1S, 168.4E, H = 24 Km, M = 5.7					
		NEW HEBRIDES IS						
		TRJ	EP	06 00 59.3				
		LPZ	EP	06 01 00				
			EL	37 00				
		LPB	EP	06 01 00				114.9
			EPP	02 04				
			SS	17 53				
			L	36 00				
JAN	28	LPB	EP	06 51 14				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AM
JAN	28	USCGS	07 59 58, 2.7N, 95.3W, H = 33 Km, M				
			GALAPAGOS IS REGION				
		LPB	EP	08 06 32			
			PP	11 39			
			S	11 57			
			EL	15 00			
		LPZ	P	08 06 32			
			EL	15 00			
		TRJ	P	08 07 16.7	C		
JAN	28	LPB	EP	08 38 28			
JAN	28	USCGS	08 52 02.2, 39.3N, 73.1E, H = 20 Km,				
			TADZHIK-SINKIANG BORDER REGION				
		LPB	EPKP	09 11 31			
			EL	58 00			
		LPZ	EPKP	09 11 31			
JAN	28	USCGS	09 27 34.3, 17.9S, 178.5W, H = 579				
			FIJI IS REGION				
		LPB	EP	09 40 57			
JAN	28	USCGS	14 01 52, 12.8N, 142.4E, H = 89 Km,				
			S OF MARIANA ISLANDS				
		LPB	PKP	14 21 36.5	C	1.2	2
			EL	15 12 00			
JAN	28	TRJ	IP	15 51 35.6	D		
JAN	28	PNS	IP	17 16 00	D	0.5	
JAN	28	USCGS	19 07 14.4, 51.7N, 177.0W, H = 54 K				
			ANDREANOF IS, ALEUTIAN IS				
		LPZ	EPKP	19 25 45			
		LPB	EPKP	19 25 45			
			EL	20 01 00			
JAN	28	USCGS	21 25 23, 3.5S, 81.2W, H = 33 Km, M				
			NR C OF N PERU				
		LPB	P	21 29 36	C	1.1	6
			EL	35 00			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	28	USCGS	22 38 12.2, 51.6N, 157.0E, H = 107 Km, M = 5.6					
			NR E C OF KAMCHATKA					
		TRJ	EPKP	22 56 14.5				
		LPB	EPKP	22 56 34				121.4
			PPKP	57 09				
			EL	23 31 00				
		LPZ	EPKP	22 56 34				
		PNS	EPKP	22 57 12		1.4	33.0	
			IPKS	23 00 37				
JAN	29	LPB	EP	01 12 41				
		PNS	EP	01 12 44		0.2	1.8	3.4
			(S)	13 24.6				
JAN	29	LPB	EP	02 09 50				
		PNS	EP	02 10 10				
JAN	29	TRJ	IP	02 55 46.8	C			
		LPB	EP	02 57 10				
		PNS	EP	02 57 12.8				
JAN	29	USCGS	03 18 58, 5.6N, 76.1W, H = 85 Km, M = 4.6					
			COLOMBIA					
		PNS	EP	03 23 59				
		LPB	EP	03 24 00				23.0
			EL	31 00				
JAN	29	LPB	P	04 35 27.5	D			3.5
			S	36 08.5				
		PNS	EP	04 35 28.0		0.2	12.0	3.9
			S	36 13				
		TRJ	IP	04 35 45.0	D			5.2
			IS	36 44.1				
JAN	29	LPB	EP	04 37 35				2.6
			S	38 05.8				
		PNS	IP	04 37 36.6	D	0.5	58.8	2.0
			S	38 00.8				
JAN	29	PNS	EP	05 02 14.6				4.2
			S	03 03.7				
		LPB	EP	05 02 15				
JAN	29	PNS	EP	05 14 38.8		0.5	1.4	
JAN	29	TRJ	IP	06 56 50.9	D			2.4
			S	57 19.2				
		PNS	EP	06 57 30.8		0.3	1.3	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	A
JAN	29	PNS	EP	08 03 22.3		0.9	
JAN	29	USCGS	07 52 08.8, 45.8N, 151.5E, H = 33 K				
		KURILE IS					
		LPB	EPKP	08 11 14			
			EL	58 00			
JAN	29	TRJ	EP	08 38 59.2			
			IS	39 36.3			
		PNS	EP	08 39 26			3
JAN	29	LPB	EP	09 44 29			
			S	45 07.5			
		PNS	EP	09 44 31		0.2	1
			S	45 20.5			
JAN	29	TRJ	IP	10 05 44.3	D		
JAN	29	PNS	EP	10 16 25.4		0.4	1
		LPB	EP	10 16 37			
JAN	29	PNS	EP	13 17 54.4		1.0	7
JAN	29	LPB	EP	14 47 31			
		PNS	EP	14 47 33.5			
			S	48 06.6			
		TRJ	IP	14 48 48.3	C		
JAN	29	USCGS	14 40 26.5, 16.6N, 91.2W, H = 7 Km,				
		MEXICO-GUATEMALA BORDER REGION					
		LPB	EP	14 47 57			
			ES	54 08			
			EL	59 00			
		PNS	P	14 47 58.4		0.9	8
JAN	29	PNS	EP	15 26 24		0.9	12
JAN	29	PNS	EP	16 46 31.6		0.5	2

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	29	USCGS	16 53 38, 6.8N, 73.0W, H = 154 Km, M = 4.8					
		N COLOMBIA						
		PNS	EP	16 58 34.6		0.5	3.2	
			PP	59 07.6				
		LPB	EP	16 58 37				23.4
			PP	59 11				
			EL	17 04 00				
JAN	29	LPB	P	17 25 23		0.8	47.5	
		PNS	IP	17 25 27.5	C	0.9	44.4	7.0
			S	26 47				
JAN	29	PNS	EP	19 28 49.4				
JAN	29	PNS	EP	20 18 45.4				
JAN	29	PNS	EP	22 29 53				11.4
			S	32 00.4				
JAN	29	LPB	IP	22 45 03.0	C	0.7	101.4	2.2
			(S)	45 29				
		PNS	IP	22 45 11.2	C	0.4	17.7	2.9
			S	45 46				
JAN	29	LPB	EP	23 01 58				
		PNS	EP	23 02 06.2		0.3	1.7	2.8
			S	02 39.2				
JAN	29	PNS	EP	23 08 17				2.8
			S	08 50				
JAN	29	PNS	EP	23 19 19.3				3.2
			S	19 57.3				
JAN	30	USCGS	01 55 06, 51.4N, 30.0W, H = 33 Km, M = 4.5					
		ATLANTIC RIDGE						
		LPB	EP	02 06 49				75.4
JAN	30	LPB	EP	02 08 53				
		PNS	IP	02 08 54.8	C	0.7	7.3	
JAN	30	TRJ	IP	02 48 10.0	C			2.7
			IS	48 45.2				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
JAN	30	USCGS	03 17 43, 6.9N, 73.1W, H = 163 Km,				
		N COLOMBIA					
		PNS	IP	03 22 38.0		0.5	4.
			IPP	23 12.0			
		LPB	EP	03 22 42			
			EL	39 00			
JAN	30	PNS	IP	04 09 13.7	D	0.5	7.
			S	09 36.2			
		LPB	EP	04 09 16			
JAN	30	LPB	EP	05 07 53			
		PNS	EP	05 07 54.0			
JAN	30	PNS	P	09 22 56.1		0.4	5.
			S	23 19			
JAN	30	PNS	P	09 34 43.6		0.4	2.
			S	36 44			
		LPB	EP	09 34 47			
JAN	30	PNS	EP	09 54 06			
JAN	30	PNS	P	10 45 02.7		0.5	5.
			S	46 02			
		LPB	P	10 45 05.5	C	0.7	19.
			(S)	46 08.5			
		TRJ	P	10 45 57.0	C		
JAN	30	LPB	EP	11 02 07			
		PNS	P	11 02 10.0			
			S	02 55.4			
JAN	30	TRJ	EP	12 48 37.5			
			S	49 09.8			
JAN	30	TRJ	P	18 33 20.1			
			S	33 33.2	D		
JAN	30	TRJ	P	23 55 31.5	D		
JAN	31	LPB	EP	01 44 34			
		PNS	EP	01 45 26.2			
			(S)	47 58			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	31	USCGS	02 35 05.8, 27.9N, 99.6E, H = 33 Km, M = 5.6					
		YUNNAN PROVINCE, CHINA						
		PNS	EPKP	02 55 09				
		LPB	EL	03 53 00				164.1
JAN	31	USCGS	04 53 50, 31.7N, 141.6E, H = 93 Km, M = 4.3					
		S OF HONSHU, JAPAN						
		LPB	EPKP	05 12 40				149.1
			EL	53 00				
		PNS	EPKP	05 13 20.6				
			PKP2	13 32.0				
JAN	31	LPB	P	05 23 30.2	C	0.7	13.0	5.2
			S	24 29				
		LPZ	EP	05 23 31				
		TRJ	P	05 24 11.9	C			
		PNS	P	05 24 32.0		0.3	3.4	
JAN	31	PNS	(EP)	06 40 35		1.0	8.2	
JAN	31	LPB	EP	06 46 50				5.9
			E(S)	47 57				
			L	49 00				
		LPZ	EP	06 46 51				
		PNS	E(P)	06 46 54.6				5.6
			(S)	47 58.8				
			E	49 00				
JAN	31	TRJ	IP	08 12 34.5	D			
JAN	31	PNS	EP	08 46 06.9		0.3	0.8	
JAN	31	LPB	P	09 30 15.5				
		PNS	EP	09 30 18.4		0.9	7.1	
		TRJ	P	09 30 28.3	D			
JAN	31	PNS	EP	09 54 16.0		0.4	2.7	2.0
			(S)	54 40.5				
JAN	31	PNS	IP	10 59 42.3		0.5	2.8	3.2
			(S)	11 00 20.3				
JAN	31	PNS	EP	13 15 58.5		0.5	2.3	2.7
			S	16 31.0				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
JAN	31	USCGS	13 54 23.1, 1.5S, 78.1W, H = 155 Km, M				
		ECUADOR					
		PNS	P	13 57 17.2			
		LPZ	EP	13 57 20		0.7	8.7
		LPB	P	13 57 21.5	D	0.8	18.1
JAN	31	USCGS	14 01 25.4, 24.8S, 64.4W, H = 43 Km, M				
		SALTA PROVINCE, ARGENTINA					
		TRJ	IP	14 02 14.0	C		
		LPB	EP	14 03 34			
			S	04 23			
			L	05.8			
		PNS	P	14 03 40.0			
			I	04 27.4		1.0	66.3
			S	05 16.4			
			SS	05 35.6			
		LPZ	EP	14 03 40			
			S	04 27.5			
			L	05.7			
JAN	31	LPZ	EP	14 46 20			
		PNS	P	14 46 22.8			
			S	46 45.2		0.2	5.8

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FEB	1	USCGS	00 15 09.9, 52.3S, 5.2W, H = 33 Km, M =				
		S ATLANTIC RIDGE					
		TRJ	P	00 24 36.4	C		
		LPB	P	00 25 20			
			S	33 39			
			G	40.4			
			L	44.2			
		PNS	EP	00 25 23			
FEB	1	TRJ	P	00 28 28.1	D		
FEB	1	LPB	EP	04 39 38			
FEB	1	USCGS	05 06 06, 36.6S, 72.9W, H = 28 Km, M = 4.				
		C OF CENTRAL CHILE					
		TRJ	P	05 09 56.8	D		
		LPB	P	05 10 37			
			EL	16 00		0.7	39.0
		LPZ	EP	05 10 40			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	1	USCGS	05 38 36, 17.6S, 69.8W, H = 150 Km, M = 4.2					
		PERU-BOLIVIA BORDER REGION						
		LPZ	IP	05 39 10.5				2.0
			S	39 39				
		LPB	IP	05 39 11	D	0.8	22.0	2.2
			IS	39 39				
		TRJ	IP	05 39 53.7	C			
		CCH	P	05 40 01.4	C			
FEB	1	USCGS	09 07 55.9, 6.6N, 73.0W, H = 181 Km, M = 3.9					
		N COLOMBIA						
		LPB	P	09 12 55.7		1.0	10.0	23.3
			EL	19 00				
FEB	1	USCGS	08 20 48.9, 15.8S, 167.2E, H = 30 Km, M = 5.2					
		NEW HEBRIDES IS						
		LPB	EL	09 16 00				116.6
		CCH	P	09 16 38.5	C			
FEB	1	CCH	P	11 38 30.6	C			
		LPZ	IP	11 38 34.5				
		LPB	P	11 38 35.0	C	1.0	105.0	4.7
			S	39 29				
		TRJ	P	11 39 42.1	D			
FEB	1	LPZ	EP	12 10 50				
		LPB	P	12 10 50.5	C	0.9	15.3	
FEB	1	USCGS	13 47 20, 34.7S, 112.0W, H = 33 Km, M = 4.4					
		E IS CORDILLERA						
		TRJ	EP	13 55 08.4				
		LPB	EP	13 55 19.5				42.8
			ES	14 01 30				
			EL	08 00				
		PNS	EP	13 55 19.9				
		LPZ	EP	13 55 20				
FEB	1	USCGS	14 25 05, 35.2S, 113.0W, H = 33 Km, M = 4.6					
		E IS CORDILLERA						
		LPB	EP	14 33 12				44.1
			ES	39 40				
			EL	45.7				
FEB	1	USCGS	15 59 41.9, 45.4N, 150.0E, H = 24 Km, M = 4.7					
		KURILE IS						
		LPB	EPKP	16 19 07				137.3

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
FEB	1	LPB	P	17 17 11.5	D	1.0	30.
FEB	1	USCGS	19 22 14, 16.6N, 99.5W, H = 33 Km, M =				
			NR C OF GUERRERO, MEXICO				
		LPB	EL	19 44 00			
FEB	2	TRJ	IP	00 28 35.5	C		
		LPB	P	00 28 48.5	D	0.9	136.0
			(S)	29 39.6			
		LPZ	IP	00 28 49			
FEB	2	TRJ	P	02 24 59.3	D		
FEB	2	TRJ	P	05 00 53.6	C		
FEB	2	USCGS	05 34 01.8, 17.8S, 173.2W, H = 33 Km,				
			TONGA IS				
		LPB	EPKP	05 47 47.5			
			SKS	53 35		1.0	10.0
			PS	58 27			
			L	06 20.3			
FEB	2	TRJ	IP	06 08 54.4	D		
			S	09 27.7	C		
FEB	2	USCGS	09 20 07.5, 33.9N, 73.0E, H = 26 Km, M =				
			W PAKISTAN				
		LPB	EPKP	09 39 39			
FEB	2	LPB	EP	14 58 36		0.7	12.0
FEB	2	USCGS	17 10 34.5, 21.6S, 176.7W, H = 231 Km				
			FIJI IS REGION				
		LPB	EP	17 23 55			
			ES	35 40			
			L	58 00			
FEB	2	TRJ	IP	19 01 17.8	D		

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	3	USCGS	00 47 19.2, 21.7S, 68.4W, H = 116 Km, M = 5.3					
			CHILE-BOLIVIA BORDER REGION					
		TRJ	IP	00 48 13.4	C			
		SCS	IP	00 48 29.5	D			
		LPB	IP	00 48 38.0	D	0.7	221.0	4.9
			PP	48 46				
			S	49 38				
			L	50.2				
		LPZ	IP	00 48 38.2				5.2
			IPG	49 00				
			S	49 37.8				
FEB	3	TRJ	IP	00 59 29.1	C			
FEB	3	SCS	P	01 51 53.9	D			
FEB	3	USCGS	02 05 54.8, 33.8S, H = 70.1W, H = 6 Km, M = 4.8					
			CHILE-BOLIVIA BORDER REGION					
		TRJ	EP	02 08 59.4	D			
		LPB	EP	02 09 52				17.1
			EL	14.7				
		LPZ	EP	02 09 58				
FEB	3	SCS	P	02 17 36.3	D			
FEB	3	TRJ	IP	02 35 07.4	D			
			IS	35 34.0				
		LPB	EP	02 35 44	D	0.9	39.0	5.1
			(S)	36 43				
		LPZ	EP	02 35 45				
FEB	3	USCGS	02 19 43, 49.6N, 154.8E, H = 118 Km, M = 5.0					
			KURILE IS					
		LPB	EL	03 21 00				131.9
FEB	3	LPB	EP	04 32 35.8	D	0.9	32.5	
FEB	3	USCGS	05 48 06.1, 1 N, 123.5E, H = 131 Km, M = 5.9					
			N CELEBES					
		TRJ	IPKP	06 07 51.3	C			
		LPZ	EPKP	06 07 53				
			ESKS	15 08				
			EL	07 03 00				
		LPB	EPKP	06 07 54.7	C	1.8		160.3
			IPKP2	08 41				
			ESKS	15 33				
			ESS	32 14				
			EL	07 04 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	3	TRJ	P	06 53 52.0	C			
			S	54 33.5	C			
FEB	3	USCGS	07 22 08, 19.7S, 71.0W, H = 33 Km, M =					
		OFF C OF N CHILE						
		LPB	EP	07 23 09				
		LPZ	EP	07 23 10				
		TRJ	P	07 23 37.0	C			
FEB	3	USCGS	11 58 35.3, 16.6N, 120.0E, H = 69 Km, M					
		LUZON, P. I.						
		LPZ	EPKP	12 18 12				
			EL	13 20 00				
		TRJ	EPKP	12 18 37.0	D			
		LPB	EPKP	12 18 42				
			PKP2	20 07.5		1.0	18.0	
			EL	13 20 00				
FEB	3	PNS	EP	16 37 45.2				
			I	37 52.2		0.2	1.9	
			S	38 42				
		LPZ	EP	16 37 50				
		LPB	EP	16 37 56				
			S	38 53				
FEB	3	LPB	EP	16 47 51				
		PNS	EP	16 47 54.5				
						0.5	5.5	
FEB	3	TRJ	P	17 13 47.0	D			
		LPB	EP	17 13 53				
			S	14 56.5		1.0	43.0	
		PNS	EP	17 13 53.5				
			S	14 22.4		0.3	3.2	
			I	15 01.6				
		LPZ	EP	17 13 56				
FEB	3	USCGS	17 11 17.2, 24. N, 121.8E, H = 24 Km, M =					
		TAIWAN						
		PNS	EPKP	17 31 26.4				
			E	32 32.6		1.2	8.4	
		LPB	EPKP	17 31 26.5				
			ESS	31 38		1.0	8.0	16
			EL	18 20 00				
FEB	3	USCGS	17 21 10, 24.4N, 121.7E, H = 55 Km, M = 4.9					
		TAIWAN						
		LPB	EPKP	17 41 14				
			EL	18 19 00				167
		LPZ	EPKP	17 41 16				
		PNS	EPKP	17 41 24				
						1.2	5.0	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	3	USCGS	17 57 42.2, 24.1N, 122.0E, H = 38 Km, M = 4.8					
		TAIWAN REGION						
		LPB	EPKP	18 17 47				167.6
		LPZ	EPKP	18 17 47				
		PNS	EPKP	18 17 47				
FEB	3	LPB	EP	20 15 13				
		PNS	EP	20 15 23				
FEB	3	USCGS	20 00 07.1, 46.7N, 153.3E, H = 33 Km, M = 4.4					
		KURILE IS						
		LPB	EL	21 04 00				134.6
FEB	3	PNS	EP	20 37 17		0.3	1.4	
FEB	3	PNS	EP	20 55 40.4		0.2	9.6	2.2
			(S)	56 06.6				
		LPB	EP	20 55 46				
FEB	3	PNS	IP	22 35 44.2		0.5	3.0	2.2
			S	36 10.2				
FEB	3	LPB	P	22 46 56.5	C	0.9	17.0	3.2
			S	47 34				
		PNS	EP	22 46 57.8		0.5	2.0	2.9
			S	47 31.6				
FEB	4	PNS	EP	03 51 04.4		0.2	1.3	
FEB	4	USCGS	04 02 46, 15.2S, 173.4W, H = 33 Km, M = 5.0					
		TONGA IS						
		PNS	EP	04 16 24				
		LPB	EL	04 50 00				99.8
FEB	4	PNS	IP	04 58 03.2	D			2.0
			S	58 27				
		LPB	EP	04 58 07				
FEB	4	USCGS	05 04 24, 21.4S, 174.1W, H = 26 Km, M = 4.6					
		TONGA IS						
		LPB	EP	05 17 40				98.1
			ES	29 13				
			EL	50 00				
FEB	4	PNS	EP	05 39 12		0.3	2.8	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
FEB	4	PNS	EP	06 24 28.6			
			S	25 18.0		0.2	1.3
FEB	4	TRJ	P	07 02 28.0	C		
			S	02 56.9			
FEB	4	LPB	EP	07 17 48			
		PNS	EP	07 17 58.8		0.2	1.3
FEB	4	USCGS	08 38 01.1, 34.3N, 24.0E, H = 21 Km, M =				
		CRETE					
		LPB	EP	08 51 49			
			EL	09 26 00			
FEB	4	PNS	EP	09 15 22		0.2	1.3
FEB	4	PNS	EP	09 30 05.4			
			S	30 40		0.2	1.9
FEB	4	USCGS	10 39 12.2, 15.9S, 167.9E, H = 190 Km, M =				
		NEW HEBRIDES IS					
		LPB	EPKP	10 57 22			
			PPKP	58 15.5			
			PP	58 38			
			SKS	11 04 08			
			SS	14 50			
			L	33.1			
		LPZ	EPKP	10 57 23			
			SKS	11 04 08			
			EL	33 00			
		PNS	EPKP	10 57 33			
			PP	58 37		1.2	8.6
			PS	11 08 08.2			
			E	12 05.2			
FEB	4	PNS	EP	12 32 45			
		LPB	EP	12 32 46			
FEB	4	TRJ	IP	12 49 42.9	C		
			IS	50 12.8	C		
FEB	4	TRJ	IP	14 28 41.9	C		
		PNS	IP	14 29 09.1	D		
			S	30 00		0.7	14.6
		LPB	EP	14 29 06			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	4	PNS	EP	15 02 12		0.7	5.1	
			I	02 04.8				
		LPB	EP	15 02 16				
		TRJ	IP	15 03 13.4	D			
FEB	4	TRJ	P	15 25 40.9	D			
			S	26 13.4				
FEB	4	USCGS	15 36 31, 21.3S, 174.3W, H = 27 Km, M = 5.0					
		TONGA IS						
		PNS	EP	15 50 06.1				
		LPB	ES	16 00 45				98.2
			EL	22.4				
FEB	4	USCGS	16 15 56, 6.6N, 82.2W, H = 33 Km, M = 4.4					
		S OF PANAMA						
		LPZ	EP	16 21 29				
		LPB	EP	16 21 30				26.1
		PNS	EP	16 21 33		1.0	3.3	
FEB	4	PNS	EP	16 45 57.2		0.4	2.6	
FEB	4	USCGS	17 59 39, 17.5N, 46.4W, H = 33 Km, M = 4.4					
		ATLANTIC RIDGE						
		LPB	EP	18 07 11.5				40.2
			EL	19 00				
		LPZ	EP	18 07 12				
			EL	19 00				
		PNS	EP	18 07 13.8		1.0	10.0	
FEB	4	TRJ	EP	18 24 48.9	D			
			IS	25 29.6	C			
		SCS	EP	18 24 54.0				
		PNS	IP	18 25 06	D	0.6	31.0	4.7
			S	25 59.7				
FEB	4	PNS	IP	18 50 25.8	D	0.5	10.2	2.3
			S	50 53.0				
FEB	4	LPB	P	19 07 47				
		PNS	IP	19 07 50.5	C	0.5	5.6	
FEB	4	USCGS	20 44 55.7, 45.9S, 123.0E, H = 33 Km, M = 5.3					
		S OF AUSTRALIA						
		LPB	EL	21 40 00				117.1

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	4	USCGS SOLOMON IS	22 14 42.3, 7.1S, 155.1E, H = 88 Km, M =					
		PNS	EPKP	22 33 47				
		LPB	EPKP	22 33 56		0.9	3.9	
			EL	58 00				
		LPZ	EPKP	22 33 56				
			EL	58 00				
FEB	5	PNS	IP	01 38 32.2	D	0.3	7.0	
			S	39 03				
FEB	5	USCGS GREECE	02 01 48.3, 39.2N, 22.0E, H = 38 Km, M =					
		LPB	EP	02 15 31				
			ES	27 04				
			EL	50 00				
		LPZ	EP	02 15 33				
			EL	50 00				
		PNS	EP	02 15 35.0				
		TRJ	EP	02 15 35.2		0.9	3.8	
FEB	5	TRJ	P	02 34 05.8	D			
FEB	5	USCGS GREECE	02 58 00.6, 39.2N, 22.2E, H = 45 Km, M =					
		LPZ	EP	03 11 29				
		LPB	EP	03 11 30				
			EL	50 00				
		PNS	EP	03 11 44.9				
FEB	5	PNS	IP	03 57 54.9	C	0.3	3.2	
FEB	5	TRJ	IP	04 53 40.3	D			
			S	54 12.8	C			
FEB	5	PNS	P	06 08 10				
FEB	5	PNS	P	06 15 47.0				
			(S)	16 31				
		LPZ	EP	06 15 54				
		LPB	EP	06 15 56				
FEB	5	PNS	P	06 56 47.0	D	0.5	5.6	
			S	57 14.0				
		LPB	P	06 56 58.5	D	1.1	39.0	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	5	USCGS LOYALTY IS REG	07 08 52.9, 21.5S, 170.4E, H = 165 Km, M = 5.4					
		LPB	EPKP	07 27 16				111.2
			EL	08 01 00				
		PNS	EPKP	07 27 17				
FEB	5	USCGS PERU	07 36 56.2, 14.9S, 71.5W, H = 114 Km, M = 3.7					
		PNS	IP	07 37 52.0	C	0.6	44.0	3.5
			S	38 32.6				
		LPZ	P	07 37 56				
		LPB	P	07 37 57	C	0.7	45.5	3.6
			S	37 43.5				
FEB	5	TRJ	P	07 39 06.9	C			
FEB	5	PNS	EP	08 26 54.1				
FEB	5	LPB	EP	09 25 28				
		PNS	IP	09 25 29.0	D	0.5	5.6	1.8
			S	25 51.3				
FEB	5	LPB	EP	09 43 14				
		LPZ	EP	09 43 14				
		PNS	EP	09 43 15.8				22.0
			(S)	46 07				
FEB	5	PNS	E(P)	11 02 28				
		LPB	P	11 02 29.0				
FEB	5	SCS	IP	12 00 12.7	D			
		LPB	IP	12 00 20.2	C	0.7	36.5	3.2
			S	00 58				
		LPZ	P	12 00 21				
		PNS	IP	12 00 23.9	C	0.7	51.3	3.3
			S	01 02.7				
		TRJ	IP	12 00 29.3	C			
FEB	5	TRJ	P	12 19 05.2	D			
FEB	5	USCGS NR E C OF KAMCHATKA	14 24 45, 52.8N, 158.8E, H = 44 Km, M = 5.2					
		LPB	EPKP	14 43 47				128.8
			EL	15 26 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
FEB	5	LPB	EP	15 25 21			
			S	26 09.5			
		PNS	EP	15 25 58			
			S	26 06		0.3	5.6
FEB	5	USCGS	15 12 29.1, 26.1N, 103.1E, H = 15 Km, M				
		YUNNAN PROVINCE, CHINA					
		LPB	EPKP	15 32 32			
			PPKP	32 42			
			EL	16 30 00			
		LPZ	EPKP	15 32 32			
			EL	16 31 00			
		PNS	EPKP	15 32 38			
			I	33 46		1.5	24.4
			PPP	41 23.3			
FEB	5	LPB	EP	15 41 19			
FEB	5	PNS	EP	15 43 31.0			
			I	43 47		0.6	4.3
			(S)	45 17			
FEB	5	USCGS	16 16 01, 50.2N, 155.1E, H = 98 Km, M =				
		KURILE IS					
		PNS	PKP	16 35 05.3			
			PKS	38 19.2		1.2	22.3
			PS	47 28.4			
		LPZ	PKP	16 35 05.5			
			EPPKP	16 35 29.0			
		LPB	PKP	16 35 06	C	1.1	39.0
			EPPKP	35 29.2			
			PKS	35 37.5			
			EL	17 18 21			
FEB	5	PNS	IP	17 56 13.4			
			S	56 38.0		0.3	23.3
FEB	5	USCGS	18 33 41, 17.9S, 67.9W, H = 262 Km, M = 3.				
		BOLIVIA					
		SCS	IP	18 34 11.9	D		
		LPZ	IP	18 34 18			
		LPB	IP	18 34 19.5	C		
		PNS	IP	18 34 23.4	C	0.7	88.0
			IS	34 46.1			
		TRJ	IP	18 34 25.1	D		
			IS	35 07.5	D		
FEB	5	LPB	EP	21 29 53			
		PNS	EP	21 29 54			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	5	USCGS	23 14 25.3, 7.1S, 155.4E, H = 70 Km, M = 5.0					
		SOLOMON IS						
		PNS	EPKP	23 33 31.4				
		LPB	EPKP	23 33 33				130.9
			EL	00 15 00				
FEB	5	USCGS	23 34 24.7, 19.6S, 69.6W, H = 87 Km, M = 5.4					
		N CHILE						
		SCS	IP	23 35 12.6	C			
		LPB	IP	23 35 20				3.6
			(PN)	35 28				
			S	35 53				
		LPZ	IP	23 35 20.5				
		PNS	IP	23 35 21.3	C			
		TRJ	IP	23 35 41.3	C			
FEB	6	LPB	EP	00 09 14				
		PNS	EP	00 09 15		0.4	2.1	2.5
			S	09 45				
FEB	6	TRJ	P	01 40 33.3	D			
FEB	6	TRJ	IP	02 18 55.5	D			
			IS	19 27.2	C			
FEB	6	USCGS	02 17 04, 10.9N, 126.7E, H = 33 Km, M = 5.9					
		P. I. REGION						
		LPB	EPKP	02 37 08				165.3
			EL	03 33 00				
		PNS	EPKP	02 37 09				
FEB	6	PNS	EP	03 35 00				
FEB	6	USCGS	04 12 26.9, 15.9N, 93.6W, H = 92 Km, M = 5.2					
		NR C OF CHIAPAS, MEXICO						
		PNS	EP	04 19 58		1.1	27.1	
		LPZ	EP	04 19 59				
		LPB	EP	04 20 00		1.0	10.0	40.9
			EL	30 00				
FEB	6	LPB	EP	05 26 44				
FEB	6	TRJ	P	05 39 31.8	C			
			IS	40 02.1	C			
		LPB	P	05 40 03.5				
		PNS	IP	05 40 07.5	D	0.5	7.7	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
FEB	6	PNS	IP	05 53 22.8	D	0.4	7.3
FEB	6	TRJ	IP	08 50 21.1	D		
			S	50 52.1			
FEB	6	USCGS	09 13 19.6, 26.2N, 103.1E, H = 5 Km, M =				
			YUMMAN PROVINCE, CHINA				
		PNS	EPKP	09 33 24.6			
			PK2	33 30.5			
			E	39 34.6			
		LPB	EPKP	09 33 25			
			E	33 30			
			PPKP	33 36.5			
			EL	10 31 00			
		LPZ	EPKP	09 33 26			
			EL	10 32 00			
FEB	6	TRJ	P	09 38 49.7	D		
			S	39 31.6			
FEB	6	USCGS	09 52 30.2, 56.8S, 25.4W, H = 13 Km, M =				
			S SANDWICH IS REG				
		TRJ	(IP)	10 01 03.0			
		SCS	P	10 01 32.1	C		
		LPZ	IP	10 01 37			
			PP	01 47			
		LPB	IP	10 01 37.5			
			ES	08 56			
			EL	17 00			
		PNS	IP	10 01 40.8	C		
FEB	6	TRJ	IP	10 06 29.1	C		
		SCS	IP	10 07 08.2	D		
		LPB	IP	10 07 13.8	C		
			IS	07 27.5		0.7	32.5
		PNS	IP	10 07 17.0	C		
			S	07 52.3		0.6	78.7
FEB	6	TRJ	P	10 17 14.2	D		
		PNS	P	10 18 14.0	D	0.4	4.7
FEB	6	USCGS	10 16 18, 40.2N, 127.3W, H = 33 Km, M = 4.				
			OFF C OF N CALIFORNIA				
		PNS	EP	10 28 14.6			
		LPB	EP	10 28 15			
FEB	6	LPB	EP	11 00 49			
		PNS	IP	11 00 58			
		LPZ	EP	11 00 59	D	0.9	21.3

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	6	PNS	IP	11 13 16.2	D	0.5	11.8	2.3
			S	13 43.5				
		LPZ	EP	11 13 17				
		LPB	EP	11 13 18				
FEB	6	USCGS	10 59 27, 6.8S, 128.7E, H = 208 Km, M = 4.9					
			BANDA SEA					
		LPB	EPKP	11 18 54		1.0	4.0	151.0
		PNS	PKP	11 19 00	D	0.9	12.6	
FEB	6	TRJ	EP	12 11 38.7				
		PNS	EP	12 12 00.6				7.9
			I	12 07.2				
			S	13 29.8				
		LPZ	P	12 12 03				
		LPB	P	12 12 04.8				
FEB	6	TRJ	IP	12 52 29.7	D			
FEB	6	TRJ	IP	15 24 52.2	D			
FEB	6	TRJ	P	15 48 52.2	D			
		PNS	EP	15 49 40				
FEB	6	PNS	IP	16 03 23.4	D	0.2	16.1	
FEB	6	PNS	EP	16 28 11				16.0
			S	31 18				
FEB	6	PNS	P	16 28 33.7				1.9
			S	28 57.2				
FEB	6	TRJ	P	17 47 26.4	C			
		LPZ	P	17 47 32				
		LPB	P	17 47 33.5	C	0.8	12.6	
		PNS	P	17 47 36.0	C	0.8	9.4	
FEB	6	PNS	EP	18 44 03.7		0.3	7.0	3.2
			S	44 41.6				
		LPB	EP	18 44 08				3.7
			S	44 51.5				
FEB	6	USCGS	19 05 17.7, 36.8N, 137.8E, H = 37 Km, M = 4.4					
			HONSHU, JAPAN					
		LPB	EPKP	19 05 06				149.5
			EL	20 16 00				
		PNS	EPKP	19 25 06				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
FEB	6	PNS	EP	20 36 43.2			
FEB	6	PNS	EP	21 23 21.5			
			S	23 46.7		0.4	3.0
FEB	6	LPZ	EP	23 43 38			
		PNS	IP	23 43 44.1	D		
			S	44 06.5		0.2	18.0
FEB	7	PNS	EP	00 54 08.4			
			S	54 41.2		0.5	2.2
FEB	7	PNS	EP	01 16 33.5			
			(S)	17 18		0.2	1.4
FEB	7	PNS	EP	01 48 00			
			S	48 24		0.3	2.6
FEB	7	PNS	EP	01 56 23.2			
			S	56 55.0		0.6	4.7
FEB	7	PNS	EP	02 30 23.3		0.6	2.7
FEB	7	USCGS	04 26 13.9, 29.8N, 69.7E, H = 33 Km, M =				
		W PAKISTAN					
		TRJ	EPKP	04 45 22.3			
		SCS	EPKP	04 45 40.0			
		LPZ	EPKP	04 45 41.5			
			PP	48 35.5			
			ESS	05 06 24			
			EL	35 00			
		PNS	EPKP	04 45 41.6			
			PP	48 36.7		1.3	80.2
			PKS	49 13			
			I	49 22.4			
FEB	7	USCGS	05 21 44.6, 30. N, 69.9E, H = 10 Km, M = 5.				
		W PAKISTAN					
		PNS	EPKP	05 41 17		1.0	7.3
FEB	7	USCGS	05 30 19.2, 30. N, 69.6E, H = 48 Km, M = 5.				
		W PAKISTAN					
		PNS	PKP	05 49 45.8		1.3	12.6
FEB	7	PNS	EP	06 25 46			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	7	USCGS	07 40 22, 19. N, 108.3W, H = 33 Km, M = 4.9					
		REVILLA GIGEDO IS REG						
		PNS	EP	07 49 27.0		1.1	9.4	
		LPZ	EP	07 49 28				
FEB	7	USCGS	08 41 18.8, 14.4S, 73.8W, H = 10 Km, M = 5.0					
		PERU						
		PNS	IP	08 42 43.9	C	0.8	179.1	5.3
			S	43 43.6				
		LPZ	IP	08 42 47.5				
			S	43 51				
		SCS	P	08 42 56.9				
		TRJ	P	08 43 55.7	C			
FEB	7	USCGS	08 48 35, 51.2N, 130.0W, H = 25 Km, M = 4.5					
		QUEEN CHARLOTTE IS REG						
		PNS	EP	09 01 13.7				
FEB	7	TRJ	P	09 44 52.5	D			
			IS	45 32.0	C			
FEB	7	PNS	EP	10 48 47.4				2.9
			S	49 21				
FEB	7	PNS	EP	11 56 48				
FEB	7	USCGS	12 22 40.2, 5.6S, 146.3E, H = 47 Km, M = 5.3					
		EAST NEW GUINEA						
		PNS	EPKP	12 41 55				
FEB	7	PNS	IP	13 58 10.6		0.4	1.9	
FEB	7	LPZ	P	14 37 47				
		PNS	IP	14 37 48.4	D	0.3	25.6	2.2
			S	38 14				
FEB	7	USCGS	14 59 48, 24.8S, 68.7W, H = 94 Km, M = 4.5					
		CHILE-ARGENTINA BORDER REGION						
		TRJ	(IP)	15 01 03.4				
		LPZ	EP	15 01 47				
		PNS	IP	15 01 50.6	C	0.6	9.5	8.8
			(S)	03 29				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
FEB	7	LPZ	EP	16 52 12			
		PNS	EP	16 52 12			
			E	52 15		0.4	1.9
			S	52 50			
FEB	7	PNS	P	17 11 58			
			S	12 33.6		0.4	2.8
FEB	7	PNS	P	17 20 44.3			
			S	21 15.2		0.4	2.8
FEB	7	LPB	EP	18 54 01			
			S	54 43.5			
		LPZ	EP	18 54 01.5			
		PNS	EP	18 54 02.4			
			(S)	55 02		1.0	18.5
FEB	7	TRJ	P	19 07 17.1			
			S	07 41.1			
		PNS	EP	19 08 07.4			
			E	08 30		0.5	2.2
			S	09 07.4			
		LPZ	EP	19 08 09			
		LPB	EP	19 08 11			
			S	08 55			
FEB	7	LPZ	EP	21 13 44			
		LPB	P	21 13 45		1.5	14.3
		PNS	IP	21 13 45.4	D	0.3	17.9
FEB	7	PNS	IP	22 50 52.4	D	0.5	5.6
			S	51 15.2			
FEB	7	USCGS	23 06 34.5, 30.2N, 19.8E, H = 10 Km, M = 5				
		W PAKISTAN					
		PNS	EPKP	23 26 06			
			PKS	26 41.7		1.5	103.4
		LPZ	PKP	23 26 06			
			PP	29 42			
		LPB	PKP	23 26 06.3			
			PPKP	26 17		1.4	64.0
			PP	29 42			
			PS	40 22			
			SS	47 28			
			L	00 13.4			
		TRJ	EPKP	23 26 17.7	C		
FEB	7	PNS	EP	23 37 10.9		0.8	5.6

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	8	USCGS	02 59 26.4, 14.9N, 92.9W, H = 13 Km, M = 39.7					
		NEAR COAST OF CHIAPAS, MEXICO						
		PNS	EP	03 06 51.2				
		LPB	EP	03 06 51.5				39.7
			EL	18 00				
FEB	8	USCGS	07 09 04, 36.4N, 141.4E, H = 41 Km, M = 4.3					
		NEAR EAST COAST OF HONSHU, JAPAN						
		LPB	EPKP	07 28 43				147.3
			EL	08 19 00				
		PNS	EPKP	07 28 44		0.2	1.5	
FEB	8	TRJ	P	07 56 38.5	D			
			IS	57 15.0	C			
		LPB	EP	07 56 51				
		PNS	EP	07 56 56		0.8	4.0	
FEB	8	PNS	EP	08 01 07.5		0.5	3.6	
FEB	8	USCGS	07 58 28, 51.1N, 129.3W, H = 33 Km, M = 4.5					
		QUEEN CHARLOTTE IS REGION						
		PNS	P	08 11 05				
		LPB	EP	08 11 07				85.7
FEB	8	LPB	EP	09 54 35.5				
		LPZ	EP	09 54 36				
		PNS	IP	09 54 38.3	C	0.8	12.1	4.5
			(S)	55 30				
		TRJ	P	09 55 02.3	C			
			S	55 14.9	D			
FEB	8	USCGS	10 02 09, 21.2S, 178.5W, H = 525 Km, M = 5.1					
		FIJI IS REG						
		LPB	EPKP	10 15 07				102.1
FEB	8	TRJ	IP	10 19 58.0	D			
			S	20 30.3	C			
FEB	8	LPB	EP	10 54 05.5				
			EL	11 09 00				
		LPZ	EP	10 54 06				
		PNS	EP	10 54 09.3		1.0	6.6	
			I	54 16.0				
FEB	8	PNS	P	11 37 34.7		0.4	3.5	
FEB	8	PNS	IP	11 48 19.4		0.7	5.2	1.8
			S	48 41.2				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	8	TRJ	P	11 50 05.8	D			
			S	50 45.8				
FEB	8	PNS	P	12 40 36.1				
FEB	8	PNS	EP	13 39 58				
FEB	8	USCGS	14 54 30.5, 24.2S, 67.3W, H = 173 Km, M =					
		CHILE-ARGENTINA BORDER REGION						
		TRJ	IP	14 55 30.6	D			
			IS	56 11.7	C			
		LPB	IP	14 56 21.7	C	0.8	42.0	
			S	57 23.5				
			L	58.5				
		LPZ	IP	14 56 23				
		PNS	IP	14 56 25.4	C	0.4	126.0	
			S	57 55.0				
FEB	8	LPB	EP	15 12 59				
		PNS	EP	15 12 59.0		0.6	2.9	
FEB	8	LPB	EP	15 34 21				
		PNS	EP	15 34 22.4		0.3	3.8	
			S	35 04				
FEB	8	PNS	EP	15 55 26.5				
FEB	8	PNS	EP	16 40 22.2				
FEB	8	USCGS	17 06 45.6, 18.8N, 106.8W, H = 33 Km, M =					
		OFF COAST OF JALISCO, MEXICO						
		LPB	EP	17 15 43				
			ES	23 30				
			L	30 00				
		LPZ	EP	17 15 45				
		PNS	EP	17 15 47		1.0	5.3	
FEB	8	PNS	IP	21 22 23.8	D	0.2	5.3	
			S	22 46.5				
FEB	9	USCGS	00 55 19.8, 14.3N, 93.0W, H = 53 Km, M =					
		NR C OF CHIAPAS, MEXICO						
		PNS	EP	01 02 43.5				35.0
		LPB	EP	01 02 44				
			ES	08 43				
			EL	14 00				
		LPZ	EP	01 02 44				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	9	USCGS	01 19 23, 7 N, 73.0W, H = 152 Km, M = 4.5					
		COLOMBIA						
		PNS	EP	01 24 20.5		0.6	1.6	
			PP	24 52				
		LPB	EP	01 24 32				23.6
FEB	9	PNS	EP	02 04 12		0.3	1.7	
		LPZ	EP	02 04 32				
		LPB	EP	02 04 35				
FEB	9	PNS	EP	02 48 30.8				1.5
			S	48 50				
FEB	9	USCGS	03 55 00.9, 16.7S, 72.9W, H = 33 Km, M = 4.4					
		NR C OF PERU						
		PNS	IP	03 56 05	D			5.8
			S	57 05.6				
		LPZ	P	03 56 08				
		LPB	P	03 56 08.6				4.5
		SCS	IP	03 56 13.7	C			
		TRJ	EP	03 57 07.2				
FEB	9	USCGS	04 40 28.4, 56.7S, 25.7W, H = 27 Km, M = 5.9					
		S SANDWICH IS REG						
		TRJ	IP	04 48 47.2	C			
		SCS	IP	04 49 28.0	D			
		LPB	EP	04 49 32				51.2
			PP	50 54				
			IS	56 49				
			SS	05 00 36				
			L	03.0				
		LPZ	IP	04 49 33				
			PP	49 55				
		PNS	IP	04 49 35.6	C		662.0	52.0
			I	54 45.2				
			S	56 55.4				
FEB	9	LPB	P	05 12 13				2.1
			S	12 38.5				
		LPZ	P	05 12 13				
		PNS	IP	05 12 13.0	D	0.5	87.0	2.1
			S	12 38				
		SCS	P	05 12 13.6	D			
FEB	9	PNS	EP	05 39 07.2				
		SCS	IP	05 39 58.9	D			
FEB	9	PNS	EP	05 40 58.4		0.8	2.8	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
FEB	9	TRJ	IP	05 58 43.6	D		
		LPZ	EP	05 59 29			
		LPB	EP	05 59 29.5			
		PNS	IP	05 59 31.5		0.9	16.4
FEB	9	PNS	EP	06 03 01.4		0.4	18.2
			I	03 03.4			
		LPZ	EP	06 03 07.5			
		LPB	EP	06 03 08			
		SCS	IP	06 03 11.9			
FEB	9	LPZ	P	06 26 18			
		LPB	P	06 26 18.5			
		PNS	IP	06 26 21.0	C	0.9	13.7
FEB	9	USCGS	06 22 38.1, 12.8N, 87.5W, H = 33 Km, M =				
		NR C OF NICARAGUA					
		PNS	P	06 29 26.0		0.6	2.6
		LPB	P	06 29 28.6			
			EL	39 00			
		LPZ	EP	06 29 29			
		TRJ	P	06 30 19.0	C		
FEB	9	PNS	P	06 32 00		0.8	4.4
FEB	9	TRJ	P	06 47 28.9	C		
		LPB	P	06 48 15.5		1.0	80.0
		LPZ	P	06 48 16			
		PNS	IP	06 48 17.0	C	0.9	29.0
FEB	9	USCGS	07 18 47.8, 9.9S, 116.3E, H = 32 Km, M =				
		SUMBAWA IS					
		TRJ	IPKP	07 38 26.8			
			PKP2	38 35.9			
		PNS	EPKP	07 38 40		1.5	44.0
		LPZ	EPKP	07 38 41			
			EL	08 32 00			
		LPB	EPKP	07 38 42			
			EL	08 32 00			
FEB	9	TRJ	EP	08 34 02.0	D		
FEB	9	USCGS	08 22 17.9, 29.8N, 69.8E, H = 29 Km, M =				
		W PAKISTAN					
		PNS	EPKP	08 41 48.0			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	9	USCGS	08 42 27.5, 56.6S, 25.4W, H = 33 Km,					
		S SANDWICH IS REGION						
		TRJ	IP	08 50 44.8	C			
		LPB	EP	08 51 31.5				51.3
			EL	09 05 00				
		LPZ	P	08 51 32				
			EL	09 05 00				
		PNS	IP	08 51 34	C	0.9	111.5	
FEB	9	PNS	EP	09 20 53.4		0.6	5.2	
FEB	9	TRJ	IP	09 25 26.1	D			
		LPB	EP	09 26 15				
		PNS	EP	09 26 16				
FEB	9	USCGS	10 46 56.3, 56.6S, 25.3W, H = 172 Km, M = 5.6					
		S SANDWICH IS REG						
		LPB	EP	10 56 00				51.3
			S	11 03 13				
			L	11 00				
		LPZ	I	10 56 01				
			ES	11 03 12				
			EL	11 11 00				
		PNS	IP	10 56 02.4	C	1.3	297.0	50.5
			S	11 03 14				
FEB	9	PNS	EP	12 18 55.0		0.8	7.0	
FEB	9	TRJ	P	12 20 55.1	C			
FEB	9	PNS	EP	12 21 44.2		0.8	9.4	
FEB	9	USCGS	13 57 48.7, 35.3S, 106.0W, H = 33 Km, M = 5.4					
		E IS CORDILLERA						
		TRJ	IP	14 05 11.0	D			
		PNS	IP	14 05 11.3	C	1.2	67.2	39.0
			S	11 10				
		LPZ	P	14 05 13				
		LPB	P	14 05 13.5	C	1.2	41.5	38.5
			EPP	06 45				
			S	10 10				
			L	16 00				
FEB	9	PNS	EP	14 57 36.6				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	9	USCGS	14 44 23.2, 37.2N, 134.9E, H = 357 Km, M					
		SEA OF JAPAN						
		LPB	EPKP	15 02 41				
		PNS	EPKP	15 03 31		1.2	18.6	
			I	03 36.0				
FEB	9	USCGS	15 13 30.1, 15.2S, 75.2W, H = 54 Km, M =					
		NR C OF PERU						
		PNS	EP	15 15 09.2		1.6	1079.0	
			S	16 13.8				
		LPZ	EP	15 15 13				
			S	16 14				
		LPB	EP	15 15 14				
			IPG	15 26				
			S	16 16				
			L	17.5				
		CCH	EP	15 15 18.9	D			
		TRJ	IP	15 16 12.8	D			
FEB	9	LPZ	EP	16 26 59				
		LPB	EP	16 27 02				
		PNS	EP	16 27 04		0.9	5.2	
FEB	9	PNS	EP	16 43 22.4		0.3	1.7	
FEB	9	PNS	EP	16 45 12.1		0.5	2.8	
		LPB	EP	16 45 19				
FEB	9	LPB	EP	17 32 24				
		LPZ	EP	17 32 25				
		PNS	IP	17 32 27.9	D	0.3	105.2	
			S	32 53				
		CCH	EP	17 32 49.8				
FEB	9	PNS	EP	17 49 14		0.6	1.7	
			S	49 46				
		LPB	EP	17 49 40				
FEB	9	PNS	EP	19 24 16.3		0.2	2.3	
FEB	9	PNS	IP	19 56 52.6		0.3	2.5	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	9	USCGS	19 56 51.9, 56.6S, 25.5W, H = 33 Km					
		S SANDWICH IS						
		TRJ	IP	20 05 01.4	D			
		CCH	IP	20 05 42.4	D			
		LPB	IP	20 05 55.2	C	1.2	182.0	51.1
			PP	07 51.5				
			S	13 13				
			EL	23.5				
		LPZ	IP	20 05 56				
			PP	05 51.5				
			EL	24 00				
		PNS	IP	20 05 58.9	C	0.9	148.4	52.0
			PP	07 51.9				
			E	11 07				
			S	13 19				
FEB	9	LPB	P	20 20 34.5				
		PNS	EP	20 20 47.0		0.9	7.8	
FEB	9	PNS	EP	20 26 35		0.5	2.3	
		LPB	EP	20 26 48				
FEB	9	USCGS	20 30 23.3, 1.7S, 77.9W, H = 168 Km, M = 4.9					
		ECUADOR						
		PNS	IP	20 34 15.9	D	0.8	20.9	16.0
			S	37 13				
			E	37 31				
		LPZ	P	20 34 19				
		LPB	P	20 34 20.5		0.9	42.5	17.1
		CCH	IP	20 34 39.1	D			
FEB	9	PNS	EP	23 20 16		0.3	2.9	1.9
			S	20 38.8				
FEB	9	USCGS	23 33 00.6, 32.6N, 141.6E, H = 50 Km, M = 4.7					
		S OF HONSHU, JAPAN						
		PNS	EPKP	23 52 42		1.5	37.8	
		LPB	PKP	23 52 43	C	0.9	17.0	149.1
			EPPKP	53 00				
		LPZ	EPKP	23 52 43				
		CCH	PKP	23 52 50.2	D			
FEB	10	USCGS	00 55 19.8, 14.3N, 93.0W, H = 53 Km, M = 5.2					
		NR C OF CHIAPAS, MEXICO						
		LPB	EL	01 14 00				39.3

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
FEB	10	LPB	EP	02 57 56			
			(S)	58 24			
		LPZ	EP	02 57 56			
		PNS	IP	02 57 56.8	D	0.6	17.4
			S	58 19			
FEB	10	PNS	EP	03 07 54		0.6	5.2
			S	08 18			
FEB	10	TRJ	IP	04 38 06.8	D		
			S	38 37.5			
FEB	10	TRJ	IP	05 08 06.3	D		
		LPZ	P	05 08 54			
		PNS	EP	05 08 54.4		1.0	20.9
		LPB	P	05 08 56.5			
FEB	10	TRJ	EP	05 15 32.1	D		
		CCH	EP	05 16 08.4			
		PNS	EP	05 16 16			
FEB	10	USCGS	05 29 13.3, 31.1N, 141.6E, H = 33 Km, M =				
		S OF HONSHU, JAPAN					
		LPZ	EPKP	05 48 57.5			
			PKP2	49 05			
			PPKP	49 08			
		LPB	EPKP	05 48 58	D	1.0	75.0
			PKP2	49 05.5			
			PPKP	49 08.6			
			ESS	06 11 35			
			EL	40.4			
		PNS	EPKP	05 48 58.0		1.5	26.2
		CCH	EP	05 49 07.0	C		
		TRJ	EPKP2	05 49 07.3			
FEB	10	LPB	P	06 11 48			
		PNS	EP	06 11 51		0.7	7.6
FEB	10	LPB	EP	06 23 41			
		PNS	EP	06 23 43.4		0.8	3.2
FEB	10	USCGS	06 23 39, 15.7N, 60.4W, H = 54 Km, M = 4.3				
		LEEWARD IS					
		LPB	EP	06 30 11			
			PP	31 22			
			L	40.7			
		LPZ	EP	06 30 11			
		PNS	EP	06 30 11.4			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	10	TRJ	IP	07 56 07.3	D			
FEB	10	USCGS	10 43 30.3, 16.7S, 73.9W, H = 13 Km, M = 4.8					
		NR C OF PERU						
		LPB	EP	10 44 51				5.4
			IPN	44 57.7				
		LPZ	EP	10 44 52				
			I	44 58				
		PNS	IP	10 44 53.6	D	1.0	31.4	4.6
			S	45 46.6				
		CCH	IP	10 45 23.7	C			
		TRJ	IP	10 45 54.7	C			
FEB	10	PNS	IP	11 58 53.6	D	0.3	13.1	2.0
			S	59 18				
FEB	10	TRJ	P	13 41 12.2	C			
		LPB	EP	13 41 58				
		PNS	IP	13 42 01.2	D	0.8	7.2	
FEB	10	USCGS	14 21 10.9, 20.8N, 146.3E, H = 43 Km, M = 6.2					
		MARIANA IS REG						
		LPZ	PKP	14 40 51				
			PP	42 27				
		PNS	PKP	14 40 51.0				
			I	40 52.9				
			PP	42 26.2				
		LPB	PKP	14 40 51.5	C	1.0	108.0	147.3
			PPKP	41 08				
			PP	42 27				
			SKS	48 04				
			PS	51 20				
			SS	15 03 24				
			L	29.2				
		TRJ	EPKP	14 40 57.5				
FEB	10	USCGS	14 41 16, 20.7N, 146.9E, H = 33 Km, M = 5.0					
		MARIANA IS REG						
		LPB	PKP	15 00 55				146.8
		PNS	EPKP	15 00 56.4		1.2	6.7	
FEB	10	CCH	(EP)	15 07 05.8	D			
		PNS	EP	15 07 31.2		0.2	1.8	
FEB	10	USCGS	14 58 04, 19.4S, 173.1W, H = 10 Km, M = 5.1					
		TONGA ISLANDS						
		LPB	EP	15 11 32				98.0

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
FEB	10	USCGS	15 51 23.4, 5.2S, 150.6E, H = 155 Km, M =				
		NEW BRITAIN REGION					
		LPB	EPKP	16 10 16			
			EL	56 00			
		PNS	EPKP	16 10 17.0		0.8	2.4
		CCH	EP	16 10 33.7	C		
FEB	10	PNS	EP	16 32 31.4		0.5	1.9
FEB	10	TRJ	EP	16 46 41.2			
			IS	47 21.0	C		
		PNS	EP	16 47 04		0.3	1.3
		CCH	EP	16 47 56.9	D		
FEB	10	CCH	(EP)	17 05 43.2	D		
		LPB	EP	17 05 54			
		PNS	EP	17 05 58.7		0.3	1.7
FEB	10	PNS	IP	17 21 21.3	D	0.5	9.6
			S	21 44			
		LPB	EP	17 21 24			
FEB	10	TRJ	IP	18 06 31.2	C		
FEB	10	TRJ	(EP)	19 27 12.7			
		LPB	EP	19 28 03			
		PNS	EP	19 28 06.2			
		CCH	(EP)	19 28 24.2	D		
FEB	10	PNS	IP	19 35 26.3	D	0.3	3.5
			S	35 40			
		LPB	EP	19 35 38			
FEB	10	USCGS	20 13 33, 47.2N, 150.8E, H = 162 Km, M =				
		KURILE IS					
		LPZ	EPKP	20 32 28			
		LPB	EPKP	20 32 29			
			EL	21 18 00			
		PNS	EPKP	20 32 37			
			PKS	35 51			
FEB	10	LPB	EP	22 11 09			
		PNS	EP	22 11 10.6		0.6	1.7

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	10	PNS	IP	22 21 03.6	D	0.6	5.8	1.8
			S	21 25.4				
		LPB	EP	22 21 08				
FEB	10	PNS	IP	22 26 59.9	C	0.4	16.0	2.3
			S	27 28.2				
		LPZ	EP	22 27 00				
		LPB	EP	22 27 01.5				
		CCH	(EP)	22 27 20.1	D			
FEB	10	PNS	EP	23 15 54.2		0.2	0.9	
		LPZ	EP	23 15 58				
		LPB	EP	23 15 59				
FEB	10	USCGS	23 31 28.7, 14.6N, 92.6W, H = 56 Km, M = 4.4					
		NR C OF CHIAPAS, MEXICO						
		PNS	EP	23 38 58.8				
		LPB	EL	23 49 00				39.4
FEB	11	PNS	EP	00 15 57.2		0.6	1.6	
FEB	11	PNS	EP	00 37 17.8		0.4	1.5	2.6
			(S)	37 48.8				
FEB	11	LPB	EP	03 41 30				
		PNS	EP	03 41 32.2		0.4	1.5	1.2
			(S)	41 47				
		CCH	(EP)	03 41 47.9	D			
FEB	11	PNS	EP	04 54 30.4		0.2	1.7	
FEB	11	USCGS	04 46 23, 10.8N, 143.9E, H = 27 Km, M = 5.1					
		S OF MARIANA IS						
		LPB	EPKP	05 06 08				148.5
			PKP2	06 17.5				
			EL	56 00				
		LPZ	EPKP	05 06 08				
		TRJ	EPKP	05 06 15.4				
		PNS	EPKP	05 06 16		1.0	4.8	
FEB	11	LPB	EP	05 59 01				2.2
			S	59 27				
		PNS	EP	05 59 01.2		0.6	2.1	2.3
			S	59 28.0				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL
FEB	11	PNS	EP	07 24 46		0.3	2.0
			I	24 48			
			S	25 21.0			
		LPZ	EP	07 24 48			
		LPB	P	07 24 50			
			EL	28 00			
FEB	11	LPB	EP	08 07 58			
		PNS	EP	08 08 01.4		0.3	2.4
FEB	11	TRJ	EP	08 13 14.5	D		
FEB	11	LPB	EP	08 16 39.2			
			S	17 04.5			
		PNS	IP	08 16 39.8	D	0.3	4.9
			S	17 05			
FEB	11	PNS	EP	09 37 08.5		0.2	1.2
			S	37 34			
FEB	11	PNS	EP	10 13 20.4		0.3	3.6
		LPB	EP	10 13 21			
FEB	11	PNS	EP	10 52 31.4		0.8	3.7
FEB	11	TRJ	P	13 30 03.3	C		
		PNS	IP	13 30 04.6		0.7	15.0
		LPB	EP	13 30 05			
		CCH	EP	13 30 09.0	C		
FEB	11	USCGS	14 31 21, 4.4N, 125.9E, H = 33 Km, M = 4.7				
		TALAUD IS					
		LPB	EPKP	14 51 22			1
			EL	15 47 00			
		PNS	EPKP	14 51 22.9			
FEB	11	PNS	EP	16 35 28.0		0.4	9.8
		LPB	EP	16 35 29			
		CCH	EP	16 35 48.2	D		
FEB	11	LPB	EP	17 28 16			
		PNS	EP	17 28 17		0.2	1.2
FEB	11	PNS	EP	18 54 03		0.3	0.8

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	11	LPB	EP	19 58 13				
		PNS	EP	19 58 15		0.5	1.3	
FEB	11	PNS	EP	21 46 26.0		1.4	14.2	
		LPZ	EP	21 46 28				
		LPB	EP	21 46 30				
FEB	11	USCGS	22 02 49, 22.8S, 65.4W, H = 131 Km, M = 4.4					
		JUJUY PROVINCE, ARGENTINA						
		TRJ	IP	22 03 48.8	D			
			IS	04 20.2				
		CCH	EP	22 04 16.7	C			
		LPZ	EP	22 04 26				
		LPB	P	22 04 27	D	0.7	32.5	6.5
			PN	04 49.2				
			S	05 28				
		PNS	IP	22 04 31.7	D	0.3	24.3	5.6
			S	05 36				
FEB	12	USCGS	23 53 34, 12.8N, 141.8E, H = 33 Km, M = 4.8					
		S OF MARIANA IS						
		LPB	EPKP	00 13 21				150.8
			PKP2	13 26				
			EL	01 05 00				
		LPZ	EPKP	00 13 22				
		PNS	EP	00 13 26		0.6	2.1	
		CCH	EP	00 13 30.2	D			
FEB	12	PNS	EP	00 54 55		0.7	1.9	
FEB	12	TRJ	P	02 21 23.1	C			
		LPB	EP	02 22 09				
		PNS	EP	02 22 12.2		0.6	2.1	
FEB	12	PNS	EP	02 22 56.6		0.2	1.7	3.6
			I	22 59				
			S	23 39				
		LPZ	EP	02 23 02				
		LPB	EP	02 23 04				3.7
			S	23 46.7				
		SCS	EP	02 23 16.8				
		CCH	EP	02 24 34.2	C			
FEB	12	TRJ	IP	03 35 30.9	C			
		CCH	EP	03 36 22.0	D			
		LPB	EP	03 36 34				
		PNS	EP	03 36 37.8		0.3	1.6	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	D
FEB	12	PNS	EP	03 51 27.6		0.3	2.0	
FEB	12	TRJ	P	04 08 25.5	D			
			S	08 56.7				
FEB	12	PNS	EP	04 38 35		0.2	1.7	
			S	39 19.5				
FEB	12	TRJ	IP	05 42 09.9	D			
		PNS	EP	05 43 10.6		0.2	1.7	
FEB	12	USCGS	06 17 34, 35. N, 140.8E, H = 33 Km, M = 4.					
		NR E C OF HONSHU, JAPAN						
		LPB	PKP	06 37 12		1.0	8.0	1
			EL	07 27 00				
		LPZ	EPKP	06 37 13				
		PNS	EPKP	06 37 18.2		1.0	12.6	
FEB	12	PNS	EP	06 38 46.3		0.2	6.7	
		LPB	EP	06 38 52				
FEB	12	TRJ	IP	07 36 04.5	D			
			IS	36 36.9	D			
FEB	12	TRJ	IP	08 18 05.0	D			
			S	18 38.7				
FEB	12	PNS	EP	08 24 59.9		0.5	2.2	
FEB	12	TRJ	IP	09 11 13.5	D			
FEB	12	USCGS	11 39 25.5, 18.3S, 174.8W, H = 190 Km, M =					
		TONGA ISLANDS						
		LPB	EP	11 52 53				
			ESKS	12 03 14				
			EL	24 00				
FEB	12	PNS	EP	11 57 00.2		1.4	13.1	
		CCH	(EP)	11 57 16.1	D			
FEB	12	TRJ	P	16 28 59.8	C			
			IS	29 31.8	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	12	TRJ	IP	16 40 26.0	C			
			S	41 04.5				
		SCS	EP	16 40 38.7	C			
		CCH	P	16 40 43.5	D			
		LPB	P	16 40 43.8	C	0.6	22.8	3.5
			S	41 25				
		LPZ	P	16 40 44				
		PNS	IP	16 40 44.3	C	0.7	6.3	3.8
			(S)	41 28.0				
FEB	12	PNS	EP	19 49 32		0.5	1.8	
FEB	12	USCGS	23 37 54, 3.7S, 152.0E, H = 36 Km, M = 5.5					
		NEW IRELAND REGION						
		PNS	EPKP	23 57 17.6				
		LPB	PKP	23 57 18		1.0	10.0	135.5
			EL	00 42 00				
FEB	13	TRJ	IP	01 32 38.2	C			
			IS	33 11.4				
		LPB	P	01 33 18				6.0
			S	34 27				
		PNS	IP	01 33 22.4	C	0.5	6.2	5.9
			S	34 29.7				
FEB	13	LPB	EP	04 01 55.5				3.7
			ES	02 39				
		PNS	EP	04 01 57				3.9
			S	02 42.1				
FEB	13	USCGS	04 57 57.7, 49.8N, 78.1E, H = Km, M = 6.3					
		E KAZAKH SSR						
		TRJ	EPKP	05 17 19.8	C			
		CCH	PKP	05 17 24.8	D			
		LPZ	EPKP	05 17 25				
		LPB	PKP	05 17 25.4	D	1.0	18.0	137.2
			EL	06 03 00				
		PNS	EPKP	05 17 25.5				
			I	29 32.8				
		SCS	PKP	05 17 27.2	D			
FEB	13	USCGS	06 07 24.1, 14.1N, 61.4W, H = 192 Km, M = 5.0					
		WINDWARD IS						
		LPB	P	06 13 27.5	D	1.0	165.0	31.5
			PP	14 12.2				
			EL	20 00				
		PNS	IP	06 13 27.5	D	1.3	32.0	31.0
			I	14 16.4				
			S	18 30				
			E	23 35.0				
		LPZ	P	06 13 28				
			PP	14 12.4				
			EL	20 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
		SCS	IP	06 13 35.2	D			
		CCH	P	06 13 37.8				
		TRJ	IP	06 14 04.6	C			
FEB	13	USCGS	06 35 55.7, 6.6S, 132.6E, H = 12 Km, M = 5.					
		TANIMBAR IS REG						
		LPZ	EPKP	06 55 42				
			EL	07 46 00				
		TRJ	IPKP	06 55 42.4	D			
		LPB	EPKP	06 55 45.5		1.1	46.0	1
			PKP2	55 49.5				
			EL	07 46 00				
		PNS	IPKP	06 55 45.5	D	1.3	97.6	
			IPKP2	55 49.5				
		CCH	PKP	06 55 46.4	C			
		SCS	IPKP2	06 55 48.6	D			
FEB	13	PNS	IP	09 29 12.8	D	0.3	3.2	
FEB	13	TRJ	IP	09 49 27.5	D			
FEB	13	USCGS	10 00 45.3, 10.5N, 104.2W, H = 33 Km, M =					
		OFF C OF MEXICO						
		LPZ	EP	10 08 46				
			EL	22 00				
		LPB	EP	10 08 47.5				
			PP	08 55.5				
			S	15 26				
			L	22.4				
		PNS	P	10 08 50.7				
FEB	13	USCGS	10 44 41, 26.1N, 103.2E, H = 33 Km, M = 5.					
		YUNNAN PROVINCE, CHINA						
		CCH	PKP	11 04 47.3	C			
		LPB	PKP	11 04 47.5		1.2	26.0	1
			PPKP	04 59				
			PKP2	05 51				
			ESS	30 39				
			EL	57 00				
		LPZ	PKP	11 04 47.5				
			PPKP	04 59				
			EL	57 00				
		PNS	PKP	11 04 48.2	D	1.5	34.7	
			PPKP	05 02.1				
			PP	09 45.0				
			E	14 22				
		TRJ	EPKP	11 04 48.2				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	13	USCGS	10 48 21, 71.9N, 0.6W, H = 33 Km, M = 4.8					
		JAN MAYEN IS REG						
		LPB	EL	11 34 00				99.1
FEB	13	CCH	(EP)	12 27 22.5	C			
		PNS	P	12 27 24.7				
FEB	13	CCH	IP	13 44 59.4	C			
		LPZ	EP	13 45 07				
		LPB	EP	13 45 07.5				3.2
			S	45 45				
		PNS	IP	13 45 10.7	C	0.7	5.5	3.3
			S	45 50				
		TRJ	P	13 45 14.4	C			
FEB	13	USCGS	13 17 01, 53.8N, 163.3W, H = 10 Km, M = 4.3					
		UNIMAK IS REG						
		LPB	EL	14 05 00				105.9
FEB	13	TRJ	IP	13 52 09.5	D			
			S	52 41.3				
FEB	13	PNS	IP	14 33 22.3	C	0.5	1.9	
FEB	13	PNS	IP	18 55 46.5	D	0.3	6.4	
			S	56 09.8				
		LPB	EP	18 55 47.5				
FEB	13	USCGS	19 09 47.4, 29.8N, 69.7E, H = 33 Km, M = 5.1					
		W PAKISTAN						
		LPB	EPKP	19 29 16				139.2
			EPPKP	29 27				
			EL	20 15 00				
		LPZ	EPKP	19 29 16				
			EL	20 16 00				
		PNS	EPKP	19 29 17				
FEB	13	PNS	IP	19 57 22.0	C	0.5	2.3	
FEB	13	TRJ	IP	20 56 25.2	D			
			IS	56 57.7				
FEB	13	PNS	EP	21 33 59.2		0.3	5.0	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	14	LPB	P	04 56 18.5	C	0.7	20.7	
FEB	14	LPB	EP	06 59 13				
		PNS	IP	06 59 19.0	D	0.3	4.8	0.
			S	59 29.4				
FEB	14	CCH	EP	07 53 30.2	C			
FEB	14	CCH	EP	08 02 28.5	D			
		LPB	EP	08 03 08				2.
			(S)	03 36				
		PNS	EP	08 03 09.5				2.
			(S)	03 43.6				
FEB	14	USCGS	08 32 12.2, 22.3S, 171.3E, H = 98 Km, M = 4.					
		LOYALTY IS REG						
		LPB	EPKP	08 50 34		1.0		110
			EL	09 25 00				
FEB	14	USCGS	08 49 55, 69.8N, 145.8W, H = 33 Km, M = 4.1					
		ALASKA						
		LPB	EL	09 38 00				101
FEB	14	LPB	P	10 58 27		0.8	18.0	1
			S	58 49.5				
FEB	14	USCGS	11 05 24, 11.6N, 72.0W, H = 33 Km, M = 3.8					
		NR N COAST OF COLOMBIA						
		PNS	EP	11 11 11.3				21.
		LPB	EP	11 11 11.5				
FEB	14	SCS	IP	13 22 28.0	D			
FEB	14	CCH	P	14 54 57.9	D			
FEB	14	PNS	EP	15 08 37				1
			S	08 57				
FEB	14	TRJ	P	15 54 59.7				
			S	55 27.1	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	14	USCGS	16 34 42.7, 13.4S, 75.5W, H = 24 Km, M = 4.7					
		PERU						
		PNS	IP	16 36 30.9	D	0.6	23.1	6.0
			S	37 40				
		LPB	EP	16 36 35				7.7
			I	36 48.5				
			L	38.5				
		SCS	IP	16 36 44.6	D			
		CCH	EP	16 37 02.9	C			
		TRJ	P	16 37 43.4	C			
FEB	14	PNS	EP	16 56 13.2				
FEB	14	USCGS	17 06 29.8, 31.9S, 70.2W, H = 97 Km, M = 4.8					
		CHILE-ARGENTINA BOR REG						
		TRJ	IP	17 09 09.8	C			
		SCS	EP	17 09 56.6				
		CCH	EP	17 09 57.8	D			
		LPB	EP	17 10 05.5		1.3	50.3	15.1
			ES	12 45				
			SS	14 45				
			EL	15.2				
		PNS	IP	17 10 08.6	D	1.2	85.5	
			I	10 41.0				
FEB	14	USCGS	17 57 50, 35. N, 27.2E, H = 46 Km, M = 5.0					
		E MEDITERRANEAN SEA						
		LPB	EP	18 11 47				103.6
			EL	46 00				
FEB	14	PNS	IP	19 12 48.3	C	0.3	3.9	
FEB	14	USCGS	20 17 01, 39. N, 21.9E, H = 73 Km, M = 4.3					
		GREECE						
		LPB	EP	20 30 41				100.4
			EL	21 05 00				
FEB	14	CCH	P	21 28 25.3	D			
FEB	14	PNS	IP	22 18 09.1	C	0.3	2.4	
FEB	15	PNS	EP	00 20 06				
		LPB	EP	00 20 25				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	15	USCGS GUATEMALA	00 16 54, 14.7N, 91.3W, H = 66 Km, M = 4.4					
		PNS	EP	00 24 03				
		LPB	EP	00 24 04				38.
			EL	35 00				
FEB	15	PNS	P	00 35 14.3	C	0.2	2.7	1.
			S	35 37.4				
FEB	15	SCS	IP	01 47 23.3	D			
		LPB	P	01 47 32.5	C	1.2	26.0	3.
			S	48 18				
		PNS	IP	01 47 34.6	C			4.
			(S)	48 22				
		CCH	P	01 47 35.1				
FEB	15	USCGS RYUKYU IS	01 28 17, 27.9N, 128.9E, H = 33 Km, M = 4.7					
		LPB	EL	02 45 00				160.
FEB	15	PNS	IP	04 24 44.7	D	0.3	8.7	2.
			S	25 09.1				
FEB	15	CCH	P	06 49 52.3	C			
		LPB	P	06 50 04.5	D	0.7	13.0	
		PNS	P	06 50 08.8	D	0.4	5.8	7.
			S	51 36.0				
FEB	15	CCH	P	09 43 29.6	D			
		PNS	EP	09 43 36				
		LPB	EP	09 43 53.5				
FEB	15	USCGS S OF FIJI IS	09 56 29.8, 22.7S, 176.2W, H = 33 Km, M = 5.					
		PNS	EP	10 10 12.5				
			PP	14 15.2				
		LPB	EP	10 10 13				99.
			EPP	14 22				
			ESKS	20 52				
			EL	43.2				
FEB	15	PNS	IP	10 21 11.3	D	0.3	8.0	1.
			S	21 34				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	15	USCGS W BRAZIL	11 59 00, 8.6S, 70.3W, H = 629 Km, M = 3.4					
		PNS	P	12 01 01.2				
			S	02 40.7				
		LPB	EP	12 01 06	C	1.0	45.0	8.1
			S	02 47				
		CCH	IP	12 01 20.3	C			
FEB	15	USCGS GUATEMALA	14 54 43, 14.5N, 91.1W, H = 137 Km, M = 3.9					
		LPB	EP	15 01 43				38.6
			EL	13 00				
FEB	15	SCS	P	15 49 14.8	D			
FEB	15	CCH	P	16 36 14.3				
		PNS	EP	16 36 21.2				
FEB	15	PNS	IP	18 53 24.3	D	0.6	28.3	
FEB	15	PNS	IP	20 30 43.8	D	0.2	11.1	2.1
			S	31 09				
FEB	15	USCGS S OF FIJI IS	22 34 05.4, 26.5S, 178.2E, H = 593 Km, M = 5.6					
		LPB	EP	22 46 56.5				102.7
			EL	23 19 00				
FEB	15	PNS	EP	23 42 52		1.0	4.5	
		LPB	EP	23 43 08				
FEB	16	USCGS NEW HEBRIDES IS	03 18 27.2, 17.7S, 167.9E, H = 31 Km, M = 6.5					
		TRJ	PKP	03 37 07.9	C			
		LPB	EPKP	03 37 08		0.9	15.0	125.2
			EPPKP	37 19				
		LPZ	EPKP	03 37 08				
		PNS	EPKP	03 37 08		0.7	11.5	
			PP	38 04.9				
			E	46 47				
			PPS	50 50.8				
		CCH	PKP	03 37 10.8	C			
FEB	16	CCH	P	03 47 40.0	D			
		SCS	P	03 47 49.6	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	16	TRJ	P	03 58 24.8	D			
		LPB	EP	03 59 22		0.4	3.2	
		PNS	EP	03 59 26				
FEB	16	TRJ	IP	05 41 28.4				
			IS	42 00.0				
		LPB	EP	05 42 09				
		PNS	IP	05 42 12.8	C	0.3	6.0	
FEB	16	PNS	P	05 46 50.6		1.0	4.3	
FEB	16	TRJ	EP	06 23 58.1		0.6	4.8	
		PNS	EP	06 24 06.2				
FEB	16	CCH	P	06 55 02.2	C			
FEB	16	PNS	EP	07 01 29.4		0.3	1.4	
			S	01 59.8				
		LPB	EP	07 01 30				
		LPZ	EP	07 01 30				
FEB	16	CCH	EP	08 39 09.5	C	0.5	2.4	
		PNS	EP	08 39 37.8				
FEB	16	TRJ	IP	10 19 31.5	C			
		LPB	EP	10 20 17				
		LPZ	EP	10 20 18		0.7	2.9	
		PNS	EP	10 20 20.4				
FEB	16	TRJ	IP	10 25 56.6	C			
		CCH	(EP)	10 26 18.2	C			
		LPB	EP	10 26 23				
		LPZ	EP	10 26 23.5				
		PNS	IP	10 26 24.5	D	0.6	7.7	
FEB	16	PNS	IP	10 56 08.2	D	0.3	4.6	
		CCH	P	10 56 51.0	C			
FEB	16	CCH	EP	11 12 00	C			
		LPB	EP	11 12 23				
		PNS	IP	11 12 24	D	0.7	12.6	
FEB	16	PNS	IP	11 15 36.4	D	0.3	3.2	
			S	16 01				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	16	USCGS	11 58 14.2, 52.4N, 169.6W, H = 47 Km, M = 4.8					
		FOX IS, ALEUTIAN IS						
		LPB	EPKP	12 16 40				110.1
			EL	50 00				
FEB	16	CCH	P	12 36 22.5	C			
FEB	16	SCS	P	13 50 02.7				
FEB	16	TRJ	IP	13 52 23.3	D			
FEB	16	PNS	EP	14 05 29.4		0.5	4.4	
FEB	16	PNS	IP	14 55 51	D	0.3	8.8	2.4
			(S)	56 20				
		SCS	P	14 55 53.0	D			
		LPB	IP	14 55 53.5		0.5	84.0	2.4
			S	56 23				
FEB	16	PNS	EP	15 28 12		0.5	3.2	
FEB	16	PNS	EP	16 25 49				
FEB	16	SCS	IP	17 35 23.5	C			
FEB	16	PNS	EP	18 19 04		0.9	3.8	
FEB	16	PNS	EP	20 55 46.4				1.9
			S	56 09.5				
FEB	16	LPB	P	22 24 25.5	D	0.8	16.8	
		PNS	EP	22 24 58.3		0.5	4.0	7.6
			IS	26 24.6				
FEB	16	TRJ	IP	23 45 05.8	D			
FEB	16	USCGS	23 37 05, 18.1S, 173.8W, H = 33 Km, M = 5.2					
		TONGA IS						
		LPB	P	23 50 25				99.1
			EL	00 23 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	17	PNS	IP	00 54 58.0	D	0.2	14.3	
FEB	17	PNS	P	02 10 49.5	D	0.5	4.7	
FEB	17	TRJ	IP	02 44 08.0	D			
		LPB	EP	02 45 01				
		LPZ	EP	02 45 02				
		PNS	IP	02 45 05.8	D	0.5	8.5	
FEB	17	PNS	EP	03 51 09		0.3	9.0	
FEB	17	LPB	P	04 19 12.5		0.8	84.0	
FEB	17	PNS	IP	04 54 34.1	D	0.3	18.5	
FEB	17	LPB	EP	08 52 45				
		PNS	EP	08 53 35				
FEB	17	PNS	IP	09 58 46.6		0.4	3.6	
FEB	17	PNS	E(P)	10 08 58				
FEB	17	PNS	EP	10 28 58				
FEB	17	PNS	EP	11 15 12				
FEB	17	LPZ	EP	11 28 32.5				
		LPB	EP	11 28 33				
		PNS	EP	11 28 33.7				
FEB	17	USCGS	11 48 00.8, 32.2S, 78.9E, H = 33 Km, M = 6.4					
		MID-INDIAN RISE						
		TRJ	EPKP	12 06 43.4				
		LPZ	PKP	12 06 55				
			EPP	08 26				
		LPB	PKP	12 06 55.2		1.4	44.0	120.2
			PP	08 25				
			ESKS	14 06				
			PS	18 23				
			ESS	24 55				
			G	37.8				
			L	45.2				
		PNS	IPKP	12 06 57.4	C	1.7	142.4	
			PP	08 28.0				
			PS	23 22				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	17	USCGS	12 43 01.1, 32.23, 79.0E, H = 33 Km, M = 5.7					
		AMSTERDAM-NATURALISTE RIDGE						
		LPB	EPKP	13 01 56				122.2
			PPKP	02 05				
			EL	40 00				
		LPZ	EPKP	13 01 57				
		PNS	IP	13 01 57.2	C	1.3	26.6	
FEB	17	PNS	E(P)	13 15 35				
		LPB	EP	13 15 38				
FEB	17	CCH	EP	14 04 09.3	D			
		LPB	P	14 04 44.5	D	0.8	12.6	2.3
			S	05 12.5				
		PNS	EP	14 04 51				2.8
			S	05 24.4				
FEB	17	TRJ	IP	14 12 00.4	C			
			IS	12 19.1				
		PNS	IP	14 12 31.9	C	0.4	2.8	8.4
			(S)	14 07				
		LPZ	EP	14 12 48				
		LPB	P	14 12 50		0.9	24.0	6.0
			(S)	13 59.5				
FEB	17	CCH	IP	14 27 13.0	D			
		SCS	EP	14 27 39.8				
		LPZ	P	14 27 47.5				
		LPB	IP	14 27 48	D	0.8	36.5	2.3
			S	28 16.5				
		PNS	EP	14 27 55		0.3	5.2	2.8
			ES	28 28				
FEB	17	PNS	EP	14 41 48.4		0.5	7.1	2.6
			S	42 20.0				
FEB	17	USCGS	15 00 17, 1.1N, 90.7W, H = 33 Km, M = 4.7					
		GALAPAGOS IS REG						
		LPZ	EP	15 06 10.5				
		PNS	EP	15 06 10.8				
		LPB	EP	15 06 11				28.6
			EL	14.5				
FEB	17	PNS	EP	16 38 14		0.4	0.8	
			I	39 05.2				
FEB	17	PNS	EP	17 47 56		0.3	2.6	1.3
			(S)	50 12				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	17	PNS	EP	20 29 55		0.2	1.2	
FEB	17	USCGS	20 45 45, 6.1S, 104.3E, H = 33 Km, M = 5.6					
		SUNDA STRAIT						
		LPB	EPKP	21 05 40				156.3
			EL	59 00				
		LPZ	EPKP	21 05 40				
		PNS	EPKP	21 05 41				
FEB	17	PNS	EP	23 31 36.2		0.6	4.0	3.8
			(S)	32 20				
		LPZ	EP	23 31 42				
		LPB	EP	23 31 45				
FEB	17	LPZ	EP	23 47 22				
		LPB	EP	23 47 23				
		PNS	EP	23 47 24.2		0.6	2.3	
FEB	18	PNS	IP	00 22 42.5	D	0.3	4.7	
FEB	18	USCGS	00 27 53.6, 36.7N, 140.4E, H = 65 Km, M = 5.1					
		NR E C OF HONSHU, JAPAN						
		LPB	PKP	00 47 28.5				147.7
			PKP2	47 33.5				
			PPKP	47 47.5				
			EL	01 37 00				
		LPZ	PKP	00 47 29				
		PNS	EPKP	00 47 31.6		1.0	9.2	
FEB	18	TRJ	P	05 14 41.6	C			
FEB	18	USCGS	06 59 05, 6.9N, 124.0E, H = 57 Km, M = 5.5					
		MINDANAO, P. I.						
		TRJ	PKP	07 19 03.7	D			164.6
		LPB	PKP	07 19 06				
			PKP2	20 02.5				
			ESS	44 16				
			EL	08 15 00				
		LPZ	PKP	07 19 06				
		PNS	EPKP	07 19 06		1.4	36.3	
			I	20 02				
FEB	18	PNS	EP	08 52 18.4		0.6	3.4	2.3
			I	52 20				
			S	52 46				
		LPZ	EP	08 52 21				
		LPB	P	08 52 22				2.4
			S	52 51.5				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	18	PNS	IP	09 19 37.4	D	0.5	3.3	2.0
			(S)	20 01				
FEB	18	TRJ	P	11 39 11.4	D			
			S	39 42.0	C			
FEB	18	TRJ	P	12 09 18.8	C			
		LPZ	EP	12 10 26				77.5
		LPB	EP	12 10 27				
			E(S)	20 16				
			EL	34 00				
		PNS	EP	12 10 28.9		1.0	6.7	
FEB	18	USCGS	12 34 16.4, 52.8S, 19.7E, H = 33 Km, M = 5.2					
		SW OF AFRICA						
		TRJ	P	12 45 25.4	D			
		LPB	P	12 46 00				75.6
			PP	46 10				
			S	55 40				
			EL	13 10 00				
		LPZ	P	12 46 00				
		PNS	IP	12 46 03.4	D	1.0	11.3	
FEB	18	TRJ	P	13 09 34.7	D			
FEB	18	PNS	IP	13 58 39.1	C	0.2	2.4	1.7
			S	59 00.6				
FEB	18	TRJ	P	14 04 29.9	D			
FEB	18	SCS	IP	14 33 21.8	D			
FEB	18	USCGS	14 22 58.4, 10.4S, 161.4E, H = 64 Km, M = 4.9					
		SOLOMON IS						
		LPB	EPKP	14 41 48				123.9
			EL	15 22 00				
FEB	18	LPB	EP	15 22 01				
		LPZ	EP	15 22 02				
		PNS	EP	15 22 04		0.6	8.6	8.5
			(S)	23 40				
		SCS	P	15 22 04,2	D			
FEB	18	PNS	EP	15 39 23.8		0.2	6.5	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	18	USCGS	19 02 51.5, 44.3N, 143.1E, H = 225 Km, M = 5.2					
			HOKKAIDO, JAPAN REG					
		PNS	EPKP	19 21 59.7				
			PKS	25 13.8				
		LPB	EPKP	19 22 00				141.9
			EPKS	25 13				
			ES	44 00				
			EL	20 10 00				
		LPZ	EPKP	19 22 00				
FEB	18	PNS	EP	21 11 11				
			E	11 54.7				
FEB	18	PNS	EP	22 54 37		0.3	1.3	1.4
			(S)	54 55				
FEB	19	LPB	P	00 03 54.5		1.1	34.5	
		LPZ	P	00 03 55				
		PNS	IP	00 03 58.2	C	0.9	47.5	
FEB	19	PNS	EP	00 39 49.2				14.0
			S	42 24.6				
		LPZ	EP	00 40 07				
		LPB	EP	00 40 08				12.1
			E(S)	42 23				
FEB	19	PNS	IP	01 27 54.8		0.5	5.7	2.2
			S	28 21				
FEB	19	USCGS	01 15 35, 8.8S, 123.6E, H = 36 Km, M = 5.2					
			FLORES IS REG					
		LPB	EPKP	01 31 31				152.0
			EL	02 27 00				
		LPZ	EPKP	01 31 31				
		PNS	EPKP	01 35 32		0.4	0.8	
FEB	19	USCGS	02 00 44, 15.4N, 94.2W, H = 43 Km, M = 4.8					
			NR C OF OAXACA, MEXICO					
		LPB	EP	02 08 15				40.9
			EPP	08 32.5				
			EL	20 00				
		LPZ	EP	02 08 16				
		PNS	EP	02 08 18.8		0.8	7.3	
FEB	19	PNS	EP	02 09 40		0.4	3.9	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	19	USCGS	02 48 14.8, 21.7S, 68.9W, H = 112 Km, M = 4.5					
			CHILE-BOLIVIA BOR REG					
		TRJ	IP	02 49 07.9	C			
		SCS	EP	02 49 22.4				
		LPB	EP	02 49 32				5.3
		LPZ	EP	02 49 33				
		PNS	EP	02 49 35.5		0.5	2.8	5.3
			S	50 37				
FEB	19	PNS	EP	06 22 43.6				2.7
			S	23 15.6				
FEB	19	PNS	EP	06 36 04		0.5	3.8	
FEB	19	TRJ	IP	07 09 30.7	D			
			IS	09 59.9	D			
		LPB	P	07 10 08.7	C	0.9	76.5	
		PNS	IP	07 10 13.1	C	0.5	5.2	
FEB	19	TRJ	IP	09 54 09.0	D			
			IS	54 38.3				
		LPB	P	09 54 46.3		0.9	22.0	
		PNS	IP	09 54 50.3	C	0.5	8.5	
FEB	19	PNS	EP	10 40 03.7		0.2	2.4	
FEB	19	SCS	P	11 12 11.7	D			
		LPB	EP	11 12 17				1.3
			S	12 33.5				
		LPZ	EP	11 12 18				
		PNS	EP	11 12 18.3				1.4
			S	12 36.5				
		CCH	P	11 12 35.3	C			
FEB	19	CCH	P	11 21 37.4	C			
FEB	19	USCGS	12 50 42.1, 35.3N, 70.9E, H = 59 Km, M = 5.1					
			HINDU KUSH REGION					
		LPB	EPKP	13 10 00				139.0
			EL	55 00				
		PNS	EPKP	13 10 26		1.0	3.1	
FEB	19	PNS	EP	14 17 43		0.2	3.0	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	19	USCGS	14 19 20.9, 35.3N, 138.3E, H = 205 Km, M = 4.4					
		HONSHU, JAPAN'						
		LPZ	EPKP	14 38 50				
		PNS	EPKP	14 38 50				
		LPB	PKP	14 38 50.5		0.8	14.0	150.0
			EL	15 29 00				
FEB	19	TRJ	IP	14 38 42.1				
			S	39 15.9				
FEB	19	PNS	EP	16 04 09.6		0.5	2.0	
FEB	19	PNS	EP	16 57 53.9				3.6
			S	58 36.2				
FEB	19	PNS	IP	17 45 58.6	D	0.2	5.9	1.8
			S	46 20.9				
FEB	19	PNS	EP	18 23 55				
FEB	19	PNS	P	21 14 30.6	C	0.3	1.7	1.8
			S	14 53.7				
FEB	19	TRJ	P	23 08 25.7	C			
FEB	19	TRJ	P	23 25 10.6	D			
		PNS	IP	23 25 54.5	C	0.3	2.1	2.6
			S	26 26.3				
		LPB	IP	23 25 54.8		0.9	34.0	2.2
			(S)	26 21.5				
		SCS	P	23 25 56.6	D			
FEB	19	LPB	EP	23 33 29				
		PNS	EP	23 33 29				
FEB	20	TRJ	P	00 52 49.5	C			
			S	53 28.7				
FEB	20	SCS	IP	02 45 10.7	D			
		LPB	EP	02 45 15.5				
		PNS	IP	02 45 16.0	D	0.5	16.2	2.8
			S	45 49.2				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	20	PNS	IP	04 12 52.1	D	0.4	20.2	1.9
			S	13 15				
		LPB	EP	04 12 54				2.1
			S	13 19.2				
FEB	20	USCGS	04 10 27.5, 6.9N, 73.0W, H = 152 Km, M = 4.8					
		N COLOMBIA						
		LPB	EP	04 15 23.5				23.4
			PP	15 48.5				
			EL	20 00				
		PNS	EP	04 15 25				
FEB	20	LPB	EP	06 05 05				
		PNS	E(P)	06 05 10				
FEB	20	USCGS	05 58 09.6, 53.1N, 159.8E, H = 44 Km, M = 4.9					
		NR C OF KAMCHATKA						
		PNS	EPKP	06 17 12				
		LPB	EPKP	06 17 13				127.9
			PPKP	17 26				
			ESS	35 05				
			EL	58 00				
FEB	20	PNS	EP	06 40 17.8				3.9
			S	41 04				
FEB	20	USCGS	08 17 46, 17.8S, 69.9W, H = 157 Km, M = 3.9					
		PERU-BOLIVIA BORDER REGION						
		SCS	IP	08 18 17.4	D			
		LPB	P	08 18 23.5		0.7	101.0	2.2
		PNS	IP	08 18 24.7	C	0.6	26.6	0.8
			S	18 43.8				
		CCH	P	08 18 29.6	C			
		TRJ	IP	08 18 42.8	C			
FEB	20	TRJ	IP	08 20 08.4				
			IS	20 49.5				
FEB	20	PNS	P	09 12 13.5	C	0.5	4.9	
FEB	20	USCGS	10 03 31, 19.8S, 66.4W, H = 295 Km, M = 3.6					
		S BOLIVIA						
		TRJ	IP	10 03 54.9	D			
		CCH	P	10 04 20.0	D			
		LPB	P	10 04 34	C	0.7	78.0	3.9
			I	04 41.8				
			S	05 32				
		PNS	IP	10 04 38.6	C	0.6	32.4	5.0
			S	05 42.3				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	20	USCGS	10 51 22, 1.3S, 80.3W, H = 135 Km, M = 4.7 NR C OF ECUADOR					
		PNS	EP	10 55 38.8		1.0	25.4	
		LPB	P	10 55 43		0.9	25.5	19.3
			ES	59 30				
			EL	11 01 00				
FEB	20	PNS	IP	13 03 27.0	D	0.2	8.9	
FEB	20	TRJ	P	13 28 24.2	D			
		LPB	EP	13 29 09.5				
		PNS	EP	13 29 11				
FEB	20	PNS	IP	14 44 06.7	D	0.3	9.8	
FEB	20	TRJ	P	15 02 06.6	D			
FEB	20	USCGS	15 25 40.1, 9.8S, 75.6W, H = 22 Km, M = 4.8 PERU					
		PNS	EP	15 27 59.8		1.2	23.0	8.9
			S	29 30				
		LPZ	EP	15 28 02				10.9
			ES	30 04				
		LPB	EP	15 28 04		0.9	12.0	9.8
			S	30 07				
			L	31.9				
FEB	20	TRJ	EP	15 29 19.1				
		PNS	IP	15 30 29.4	D	0.5	21.4	
			S	30 50				
		LPB	IP	15 30 30				
		SCS	EP	15 30 45.3				
FEB	20	USCGS	18 15 50, 48. N, 155.0E, H = 33 Km, M = 5.1 KURILE IS					
		PNS	EPKP	18 35 02.4				
		LPB	EPKP	18 35 03				132.6
			EL	19 18 00				
		LPZ	EPKP	18 35 03				
FEB	20	USCGS	18 59 57, 16.9N, 99.9W, H = 33 Km, M = 4.4 NR C OF GUERRERO, MEXICO					
		PNS	EP	19 08 14				
FEB	20	PNS	P	20 14 11.0	D	0.9	25.4	
		LPB	EP	20 14 11.6				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	21	USCGS	00 22 29.7, 55.6S, 26.9W, H = 33 Km, M = 5.9 S SANDWICH IS REG					
		TRJ	P	00 30 39.2	D			
		LPZ	P	00 31 23				
			PP	33 18				
			S	38 00				
		LPB	P	00 31 23.5	C	1.0	165.0	49.9
			PP	33 18.5				
			S	38 36.0				
			EG	43 00				
			L	46.6				
		PNS	IP	00 31 27.0	C	1.0	31.2	
			PP	33 15				
FEB	21	USCGS	00 28 27, 55.7S, 26.7W, H = 9 Km, M = 5.5 S SANDWICH IS REG					
		TRJ	EP	00 36 40.3				
		LPZ	P	00 37 25				
		LPB	P	00 37 25.5				50.0
			S	44 36				
		PNS	P	00 37 27.6		1.0	44.8	
FEB	21	PNS	IP	01 05 17.1	D			
		LPB	P	01 05 17.8	D	0.9	71.5	2.1
			S	05 42.5				
		LPZ	EP	01 05 18				
FEB	21	LPB	EP	01 13 56				
		PNS	EP	01 14 04				
FEB	21	LPB	EL	03 05 00				
FEB	21	USCGS	03 45 30, 1.8S, 138.3E, H = 33 Km, NR N C OF W NEW GUINEA					
		LPB	EPKP	04 05 14.5		1.2	13.0	148.8'
			(PPKP)	05 28				
			EL	56 00				
		LPZ	EPKP	04 05 15				
FEB	21	TRJ	P	08 08 13.5				
			S	08 44.4	D			
FEB	21	LPB	EP	09 49 23		1.0	14.0	
FEB	21	LPB	EP	10 51 54				
FEB	21	TRJ	P	11 42 45.2	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	21	LPB	P	12 00 29.5				
FEB	21	PNS	EP	12 12 25				
FEB	21	USCGS	13 18 47, 26.3N, 125.7E, H = 103 Km, M = 5.6					
		NE OF TAIWAN						
		LPZ	PKP	13 38 42				
		PNS	PKP	13 38 42.2	C	1.2	66.0	
		LPB	PKP	13 38 42.5		1.0	37.0	163.9
			EPPKP	39 11				
			PKP2	39 33				
			EPP	43 10				
			EL	14 26 00				
FEB	21	LPB	EP	17 04 58				3.8
			(S)	05 42				
		PNS	P	17 04 59.5	D	0.9	22.0	
FEB	21	LPB	EP	18 02 42				
		PNS	E(P)	18 02 43.6				
FEB	21	SCS	IP	18 05 28.9	D			
		LPB	P	18 05 29.5	D	0.5	30.0	1.8
			S	05 51.2				
		LPZ	P	18 05 29.5				
		PNS	IP	18 05 29.7	D			
FEB	21	LPB	P	20 19 18.5		1.1	16.0	
			EL	31 00				
FEB	21	PNS	EP	23 03 54.7		0.9	10.2	
		LPB	EP	23 03 56		0.8	42.0	
FEB	21	LPB	P	23 09 37.8		1.2	18.0	
		LPZ	EP	23 09 38				
		PNS	IP	23 09 41.0	C	0.7	12.8	
FEB	21	TRJ	IP	23 11 11.0	D			
		LPB	P	23 12 32		0.6	13.0	6.1
			ES	13 42				
			EL	15.6				
		LPZ	P	23 12 33				
		PNS	IP	23 12 35.6	C	0.4	10.4	4.9
			S	13 33				
FEB	21	LPB	EP	23 37 12				
		LPZ	EP	23 37 14				
		PNS	IP	23 37 15.9	D	0.8	25.0	1.6
			S	37 35.8				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	21	LPB	EP	23 56 30				
		PNS	EP	23 56 30				
FEB	22	USCGS	00 17 09.2, 60.5S, 26.9W, H = 33 Km, M = 5.6					
		SANDWICH IS REG						
		LPB	P	00 26 25	D	1.5	57.0	52.9
			EPP	26 34.2				
			ES	33 26				
			EL	42 00				
		LPZ	P	00 26 26				
			EL	42 00				
		PNS	EP	00 26 27.0		1.5	91.4	
FEB	22	LPZ	EP	01 00 20				
		LPB	EP	01 17 13				3.3
			S	17 52.2				
		PNS	IP	01 17 27.4	D	0.5	5.4	2.5
			(S)	17 56				
FEB	22	LPB	P	02 01 04.2		1.0	27.0	
			I	01 17				
			EL	18 00				
		PNS	IP	02 01 07.5	D	1.1	37.4	
FEB	22	LPB	EP	03 33 58		0.5	32.5	
FEB	22	TRJ	IP	04 45 44.4	D			
			IS	46 23.2	D			
		LPB	EP	04 46 28		0.8	7.0	
FEB	22	USCGS	05 02 37.2, 5.4S, 151.5E, H = 28 Km, M = 6.2					
		NEW BRITAIN REGION						
		TRJ	EPKP	05 21 42.3				
		LPB	PKP	05 21 42.8		0.9	10.0	135.1
			EPPKP	21 58.5				
			PP	24 35				
			SS	42 55				
			G	59.0				
			EL	06 07 00				
		LPZ	EPKP	05 21 43				
			EPP	24 35				
			EL	06 07 00				
		SCS	EPKP	05 21 43.2	D			
FEB	22	TRJ	IP	06 12 36.2	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	22	USCGS	05 57 10.1, 5.5S, 151.8E, H = 55 Km, M = 5.0					
		NEW BRITAIN REGION						
		LPB	PKP	06 16 28		0.8	56.0	134.7
			PPKP	16 39				
		LPZ	EPKP	06 16 28				
FEB	22	LPB	EP	07 18 55		0.7	78.0	
FEB	22	TRJ	P	08 35 24.7	D			
			S	36 04.9	C			
FEB	22	LPB	EP	08 52 56		1.0	8.0	
FEB	22	LPB	EP	09 07 10		1.0	35.0	
		LPZ	EP	09 07 11.5				
FEB	22	USCGS	13 07 19, 24.2S, 68.3W, H = 33 Km, M = 4.2					
		CHILE-ARGENTINA BOR REG						
		TRJ	IP	13 08 41.1	C			
		LPZ	EP	13 09 15				
		LPB	EP	13 09 15.5				7.9
			PG	09 25.5				
			PN	09 50.2				
		SCS	EP	13 09 21.0	D			
		PNS	EP	13 09 21.4				
FEB	22	PNS	E(P)	13 23 18		1.1	18.4	
FEB	22	LPB	EP	15 39 01				
		PNS	IP	15 39 01.8	C	0.3	9.8	2.2
			S	39 28				
FEB	22	LPB	IP	16 02 17.5		0.8		
		LPZ	P	16 02 30				
		PNS	P	16 02 37.2	D	0.7	7.6	1.1
			S	02 51				
FEB	22	PNS	EP	16 41 17				
FEB	22	PNS	EP	18 28 38				1.2
			(S)	28 53				
		LPB	EP	18 28 42				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	22	USCGS	18 18 36.4, 5.6S, 151.5E, H = 58 Km, M = 5.5					
		NEW BRITAIN REGION						
		PNS	EPKP	18 37 53		0.7	9.0	
			PKS	41 22.6				
		LPB	PKP	18 37 54	D	0.9	25.5	135.1
			EL	19 22 00				
		LPZ	EPKP	18 37 54				
FEB	22	USCGS	18 43 11.8, 5.5S, 151.4E, H = 59 Km, M = 5.3					
		NEW BRITAIN REGION						
		LPB	EPKP	19 02 28				135.1
			EL	57 00				
		PNS	EPKP	19 02 28.8				
FEB	22	USCGS	19 26 52, 5.5S, 151.4E, H = 64 Km, M = 4.9					
		NEW BRITAIN REGION						
		LPB	EPKP	19 46 05				135.2
			ESS	20 06 35				
			EL	31 00				
FEB	22	PNS	IP	21 09 30.7	D	0.2	30.4	1.1
			S	09 45				
FEB	22	PNS	EP	23 33 14.0		0.3	2.4	
FEB	23	PNS	IP	00 21 31.1	D	0.2	7.6	
FEB	23	LPB	EP	00 58 24				
		PNS	EP	00 58 27.8		1.0	15.6	
FEB	23	LPB	P	01 06 43.5		1.1	10.0	
		PNS	IP	01 06 47	D	0.8	31.8	
FEB	23	PNS	IP	02 09 50	D	0.5	14.8	
FEB	23	USCGS	04 25 18, 21.9N, 108.9W, H = 33 Km					
		REVILLA GIGEDO IS REG						
		LPB	EL	04 51 00				55.3
FEB	23	TRJ	IP	05 57 04.1	D			
			IS	57 36.3	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	23	LPB	EP	06 02 06				
		PNS	IP	06 02 06.6	D	0.4	31.0	2.2
			S	02 32.5				
FEB	23	PNS	IP	06 15 22.4	D	0.3	4.5	1.9
			S	15 45.0				
FEB	23	TRJ	P	10 02 58.4	C			
			S	03 31.1	D			
FEB	23	LPZ	P	11 18 17				
		PNS	IP	11 28 12.2	C	0.7	25.0	3.8
			S	28 56.0				
		LPB	P	11 28 18.0		1.4	40.0	
FEB	23	LPB	EP	12 03 50				2.7
			S	04 22				
		PNS	IP	12 03 50	D	0.5	26.3	2.6
			S	04 20.9				
		TRJ	IP	12 04 24.4	D			
FEB	23	USCGS	12 46 18.4, 48.3S, 9.8W, H = 33 Km, M = 4.9					
		S ATLANTIC RIDGE						
		TRJ	EP	12 55 18.6	D			
		LPB	EP	12 56 01				56.9
			EPP	57 05.5				
			ES	13 03 27				
			EL	12.5				
		LPZ	EP	12 56 02				
		PNS	EP	12 56 03.6		1.5	107.7	57.4
			IPP	57 01				
FEB	23	TRJ	IP	13 31 50.6	D			
			IS	32 31.5				
		LPB	EP	13 32 25				
		PNS	IP	13 32 28	C	0.8	26.5	
FEB	23	USCGS	15 30 06, 20.6S, 69.3W, H = 101 Km, M = 4.2					
		N CHILE						
		TRJ	IP	15 31 01.5	C			
		LPB	IP	15 31 11.7	D	1.2	273.0	
			ES	32 00				
		PNS	EP	15 31 12.6				4.6
			IPP	31 14.7				
			S	32 05.8				
		CCH	P	15 31 13.9	D			
FEB	23	PNS	EP	16 39 13.4		0.6	1.8	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	23	PNS	IP	16 56 19.3	D	0.5	13.9	2.3
			S	56 47.6				
FEB	23	USCGS	18 10 22, 15.4S, 72.7W, H = 115 Km, M = 4.9					
		S PERU						
		PNS	IP	18 11 25.9	C			3.7
			S	12 10				
		LPZ	IP	18 11 30				
		LPB	IP	18 11 31.5				4.5
			S	12 23				
		CCH	P	18 11 57.4	D			
		TRJ	P	18 12 37.3	C			
FEB	23	PNS	EP	21 41 07.2		0.2	1.2	
FEB	23	PNS	EP	22 09 18		0.2	1.2	1.9
			S	09 41				
FEB	23	PNS	IP	23 15 09.1	D	0.3	18.0	
FEB	23	PNS	IP	23 33 42.9	C	0.5	50.4	
		LPB	EP	23 33 49		0.8	14.0	
FEB	23	PNS	IP	23 41 44.0	C	0.5	14.8	
FEB	24	USCGS	00 16 40.5, 26.4N, 91.5E, H = 47 Km, M = 5.1					
		E INDIA						
		LPB	EPKP	00 35 54		1.2	80.0	159.0
			EL	01 32 00				
		LPZ	EPKP	00 35 54				
FEB	24	PNS	IP	00 37 18.8	D	0.3	27.5	2.7
			IS	37 51.1				
FEB	24	PNS	IP	02 46 30.7	D	0.3	8.1	
FEB	24	PNS	IP	05 17 47.1	D	0.3	22.9	
		LPB	EP	05 17 48				
FEB	24	USCGS	05 35 40, 18.9S, 69.5W, H = 110 Km, M = 4.4					
		N CHILE						
		LPB	EP	05 36 25.5		1.2	200.0	2.7
		PNS	IP	05 36 26.9	C			
		CCH	IP	05 36 35.8	D			
		TRJ	IP	05 36 56.5	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	24	USCGS NR IS ALEUTIAN IS		05 40 06.8, 52.6N, 172.5E, H = 65 Km, M = 5.1				
		LPB	EL	06 37 00				121.0
FEB	24	TRJ	P	09 55 26.6	C			
		LPB	EP	09 56 18				
		PNS	EP	09 56 19.5				
FEB	24	PNS	EP	10 36 06.5		0.5	8.4	1.2
			IS	36 21.5				
		LPB	EP	10 36 12				
FEB	24	CCH	P	12 49 05.9	D			
FEB	24	CCH	EP	13 20 22.8	D			
FEB	24	CCH	EP	16 03 27.7	D			
		PNS	IP	16 03 33.8	C	0.5	8.4	2.4
			S	04 03				
		LPB	EP	16 03 50				
FEB	24	PNS	IP	16 27 50.5	D	0.5	27.3	
		LPB	EP	16 27 52				
FEB	24	USCGS N COLOMBIA		17 34 46, 6.8N, 73.1W, H = 47 Km, M = 4.5				
		LPB	EP	17 39 19				20.2
		LPZ	EP	17 39 20				
		PNS	EP	17 39 51.6		0.6	5.4	
FEB	24	LPB	P	20 02 03.5		1.1	25.3	
		LPZ	EP	20 02 04				
		PNS	IP	20 02 06	D	1.0	26.5	
			I	02 13.2				
FEB	24	USCGS S ALASKA		19 53 15.4, 60.1N, 147.7W, H = 25 Km, M = 5.0				
		LPB	EP	20 06 55				99.3
			EL	40 00				
FEB	24	USCGS E NEW GUINEA REG		20 08 57, 6.1S, 147.4E, H = 59 Km, M = 5.5				
		LPZ	EPKP	20 08 10				
			EL	21 15 00				
		PNS	EPKP	20 28 06.5		0.9	6.5	
			PKP2	28 12				
			EPKP	20 28 10		1.0	4.0	138.2
			KP	28 19.5				
				21 14 00				
				130				

FEBRUARY 1966

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	24	PNS	IP	20 31 51.3	D	1.0	27.6	
		LPB	EP	20 31 51.5				
FEB	24	USCGS CENTRAL MID-ATLANTIC RIDGE		21 21 32.2, 1.6N, 29.4W, H = 33 Km, M = 4.7				
		LPB	P	21 29 21.5		1.0	8.0	42.3
			PP	31 09				
			S	35 42				
			EL	41.9				
		LPZ	EP	21 29 22				
			EL	42 00				
		PNS	EP	21 29 24.8		0.9	11.2	
FEB	25	PNS	EP	02 50 44.4		0.7	10.0	
		LPB	EP	02 50 45				
FEB	25	USCGS S PACIFIC OCEAN		02 45 11, 37.2S, 95.3W, H = 33 Km, M = 5.4				
		TRJ	P	02 51 24.6	C			
		LPB	EP	02 51 29		1.1	9.2	31.4
			(PP)	51 34.5				
			S	56 23				
			L	03 00.1				
		LPZ	EP	02 51 31				
		PNS	IP	02 51 32.7	D	0.6	26.2	
FEB	25	PNS	EP	03 16 11.8		0.5	5.0	1.9
			S	16 35				
FEB	25	PNS	IP	05 08 30		0.5	9.8	2.6
			(S)	09 00.8				
		LPB	EP	05 08 46				
FEB	25	USCGS CENTRAL CHILE		06 58 54, 38.2S, 72.2W, H = 123 Km, M = 4.6				
		TRJ	EP	07 03 02.0				
		LPB	EP	07 03 36				21.7
		PNS	EP	07 03 47.5		1.0	10.8	
FEB	25	PNS	EP	09 10 24.1		0.3	3.6	
FEB	25	PNS	EP	09 74 27.5		0.4	3.2	
FEB	25	USCGS N COLOMBIA		10 06 30, 6.9N, 73.0W, H = 148 Km, M = 4.0				
		LPB	EP	10 10 56				20.2
			EL	16 00				
				131				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	25	TRJ	P	13 41 46.2	C			
FEB	25	USCGS BANDA SEA	14 10 51, 5.5S, 130.3E, H = 24 Km, M = 4.9					
		TRJ	EPKP	14 30 41.6	C			151.3
		LPB	EPKP	14 30 43				
			PPKP	30 57.3				
			PKP2	31 03				
			EL	15 23 00				
		LPZ	EPKP	14 30 43				
			EL	15 23 00				
		PNS	EPKP	14 30 47		0.8	15.0	
FEB	25	PNS	EP	14 41 28		0.4	4.2	
FEB	25	PNS	EP	16 15 31.0		0.5	4.0	
FEB	25	LPB	EP	16 36 09		0.4	2.4	
		PNS	EP	16 36 19				
FEB	25	PNS	EP	18 27 15.2		0.2	2.4	
FEB	25	PNS	IP	18 43 33.8	D	0.5	7.0	1.3
			S	43 51				
FEB	25	PNS	EP	20 40 31.6		0.2	7.4	
FEB	25	PNS	IP	22 47 38.3	D	0.7	49.6	2.1
			S	48 03.5				
FEB	25	PNS	IP	22 52 38.8	D	0.5	20.3	1.9
			IS	53 02.0				
		LPB	EP	22 52 43				
FEB	25	USCGS TONGA ISLANDS	22 50 47.1, 15.1S, 173.2W, H = 33 Km, M = 5.5					
		LPB	EP	23 04 12.5				99.5
			PP	08 25				
			SKS	15 10				
			S	16 19				
			ESS	23 02				
			L	36.9				
		PNS	EP	23 04 21.0				
			EPP	08 36.2				
FEB	25	PNS	IP	23 52 38.2	D	0.5	18.1	2.2
			S	53 04.0				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	26	PNS	IP	00 09 13.3	D	0.4	8.7	
FEB	26	USCGS NR W C OF COLOMBIA	00 30 44, 6.3N, 77.5W, H = 35 Km, M = 4.5					
		PNS	EP	00 35 47.4		0.5	3.8	
		LPB	EP	00 35 52		1.0	22.0	24.0
			EL	39 00				
FEB	26	USCGS NR IS, ALEUTIAN IS	00 33 50.1, 52.4N, 173.6E, H = 51 Km, M = 5.3					
		LPB	EPKP	00 57 55				108.1
			ESS	01 07 23				
			EL	25 00				
		PNS	EPKP	00 58 00				
FEB	26	PNS	E(P)	01 08 05				
FEB	26	PNS	EP	04 59 07.5		1.5	41.7	
FEB	26	LPB	EP	05 07 18				
		PNS	EP	05 07 21.8		0.6	4.0	
FEB	26	USCGS W NEW GUINEA REGION	05 06 13, 1.7S, 133.6E, H = 33 Km, M = 4.7					
		LPB	EPKP	05 25 55		0.9	8.4	151.9
			PKP2	26 09.5				
			EL	06 18 00				
		TRJ	EPKP	05 26 05.0	C			
		PNS	EPKP	05 26 55.4	D	0.9	13.4	
			IPKP2	25 09.0				
FEB	26	PNS	IP	06 42 51.6	C	0.3	3.6	2.1
			(S)	43 17				
FEB	26	USCGS NEW BRITAIN REGION	06 50 23, 5.4S, 151.7E, H = 59 Km, M = 5.1					
		LPB	EPKP	07 09 31				135.1
			EL	55 00				
FEB	26	PNS	EP	07 44 46.6		0.3	1.6	
FEB	26	LPB	EP	07 59 38				
		PNS	EP	07 59 38		0.2	1.2	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	26	USCGS	07 54 36, 15.6N, 92.1W, H = 156 Km, M = 4.8					
		MEXICO-GUATEMALA BORDER REGION						
		LPB	EP	08 01 32.5				39.9
		PNS	EP	08 01 53		0.9	8.9	
		TRJ	IP	08 02 43.5	D			
FEB	26	LPB	EP	09 16 33				
		PNS	EP	09 16 50.2		0.8	3.2	
FEB	26	TRJ	P	10 21 34.1	D			
FEB	26	PNS	EP	10 42 43		0.4	1.6	
FEB	26	USCGS	11 21 57, 15.4S, 173.4W, H = 127 Km, M = 4.9					
		TONGA IS						
		LPB	EP	11 35 24				99.5
			EL	12 08.2				
FEB	26	CCH	EP	11 38 47.1	C			
		LPB	EP	11 39 12				
		PNS	EP	11 39 27		0.3	1.3	3.7
			S	40 10				
FEB	26	CCH	EP	11 44 55.2	C			
FEB	26	USCGS	13 34 43, 15.7S, 173.0W, H = 27 Km, M = 4.4					
		SAMOA IS REG						
		LPB	EP	13 48 16				99.1
FEB	26	LPB	EP	14 37 47				
		PNS	EP	14 37 48				
FEB	26	PNS	EP	16 42 25.2				
FEB	26	CCH	EP	17 22 21.7	D			
		SCS	P	17 22 40.7	C			
		LPB	EP	17 22 54				2.3
			IS	23 22				
		LPZ	EP	17 22 55				
		PNS	EP	17 23 00				3.1
			S	23 36				
FEB	26	PNS	EP	17 51 23.8				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	26	PNS	P	18 29 28.3				
FEB	26	LPB	EP	21 02 41				5.0
			S	03 39				
		LPZ	EP	21 02 41.5				
		PNS	IP	21 02 42.7	D	0.6	26.0	4.7
			S	03 37.0				
FEB	26	USCGS	21 14 34, 18.2S, 69.4W, H = 135 Km, M = 3.7					
		N CHILE						
		SCS	IP	21 15 05.0	D			
		LPB	IP	21 15 09.5				2.3
			IS	15 35				
		LPZ	IP	21 15 10				
		PNS	IP	21 15 10.6	C			1.9
			IS	15 34.0				
		CCH	IP	21 15 23.0	C			
FEB	26	LPB	P	22 30 11.5				3.1
			S	30 48				
		PNS	P	22 30 14.0	C	0.3	4.0	3.2
			(S)	30 51				
FEB	26	PNS	EP	22 33 08.8				
FEB	27	PNS	IP	00 19 40.8	D	0.3	10.6	1.8
			S	20 03				
FEB	27	USCGS	00 31 52, 60.8S, 22.5W, H = 33 Km, M = 5.4					
		SANDWICH IS REG						
		TRJ	IP	00 40 37.5	C			
		LPB	P	00 41 22		1.2	28.6	54.8
			ES	48 44				
			EL	58 00				
		LPZ	P	00 41 22.5				
			EL	58 00				
		PNS	IP	00 41 24.6	C	1.0	29.3	
FEB	27	PNS	IP	00 51 56.5	D	0.2	6.7	1.7
			S	52 17.8				
FEB	27	TRJ	P	00 54 08.9	C			
FEB	27	PNS	P	01 16 47.0				1.7
			S	17 08.5				
FEB	27	PNS	EP	01 30 47				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	27	USCGS	02 49 00, 58.9S, 25.8W, H = 33 Km, M = 4.9					
		S SANDWICH IS REG						
		TRJ	IP	02 57 26.0	D			
		LPB	P	02 58 11.5				52.2
			EL	03 14 00				
		LPZ	EP	02 58 12				
		PNS	IP	02 58 14.5	C	0.9	20.4	
FEB	27	TRJ	IP	03 01 38.5	D			
			IS	02 07.7	C			
		PNS	IP	03 02 21.0	C	0.5	16.2	5.5
			S	03 24				
FEB	27	PNS	EP	03 19 09.2				
FEB	27	PNS	P	03 33 07.7				
FEB	27	PNS	EP	04 03 06.1				
FEB	27	PNS	P	04 07 29.0	D	0.8	15.0	
FEB	27	TRJ	IP	05 20 07.6	D			
		PNS	EP	05 20 50.5				
FEB	27	USCGS	05 58 41, 15.5S, 75.9W, H = 33 Km, M = 4.3					
		NR C OF PERU						
		PNS	P	06 00 28.0				7.2
			S	01 48.8				
		LPZ	P	06 00 33				
		LPB	P	06 00 34		1.2	39.0	7.2
			S	01 59				
			EL	03 00				
		TRJ	P	06 01 33.6	D			
FEB	27	USCGS	06 08 39, 15.3S, 75.9W, H = 33 Km, M = 4.1					
		NR C OF PERU						
		LPB	EP	06 10 24				7.4
		LPZ	EP	06 10 25				
		PNS	EP	06 10 27				1.3
			S	10 43				
FEB	27	TRJ	IP	07 34 15.5	C			
		CCH	P	07 34 41.2	D			
		LPB	EP	07 34 43				
		LPZ	EP	07 34 44				
		PNS	EP	07 34 47		0.5	5.6	7.3
			I	34 52.0				
			S	36 10.0				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	27	PNS	EP	07 51 02.9				
			S	52 00				5.0
FEB	27	LPB	EP	11 26 10				
		PNS	IP	11 26 14.7	D	0.5	22.5	
FEB	27	PNS	IP	11 36 18.4	C	0.5	15.3	5.2
			S	37 18.7				
		LPB	EP	11 36 26				
FEB	27	PNS	EP	12 21 22.6				
FEB	27	PNS	IP	12 32 17.7	C	0.2	11.0	2.7
			S	33 10				
FEB	27	TRJ	IP	12 59 35.6	D			
			S	13 00 08.3				
		PNS	IP	13 00 18.4	D	0.4	7.5	
FEB	27	TRJ	P	14 25 42.4	C			
FEB	27	PNS	IP	14 32 42.3	D	0.5	22.5	1.9
			S	33 05.2				
		LPB	EP	14 32 44				2.1
			S	33 09.5				
		LPZ	EP	14 32 44				
FEB	27	CCH	EP	15 04 49.8	D			
		LPB	EP	15 05 05				
		PNS	EP	15 05 05.2				
			S	06 05.0				5.2
FEB	27	PNS	IP	16 18 30.2	C	0.6	18.4	3.9
			IS	19 14.8				
		LPZ	EP	16 18 34				
		LPB	EP	16 18 35				
FEB	27	USCGS	16 26 37.5, 30.7S, 179.5E, H = 502 Km, M = 5.0					
		KERMADEC IS						
		LPB	EL	17 13 00				99
FEB	27	USCGS	16 30 17.9, 52.1N, 175.1E, H = 52 Km, M = 5.2					
		RAT IS, ALEUTIAN IS						
		LPB	EPKP	16 49 05				119.4
			EL	17 27 00				
		PNS	EPKP	16 49 05				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	27	PNS	P	18 23 52.5	D	0.2	5.6	
FEB	27	USCGS	18 07 52, 36.9N, 107.0W, H = 5 Km					
		NEW MEXICO						
		LPB	EL	18 38 00				64.7
FEB	27	LPB	P	18 24 16.5				
		LPZ	P	18 24 17				
		PNS	IP	18 24 17.6	C	1.2	36.0	
			E	28 16.4				
FEB	27	PNS	EP	19 17 27				1.9
			S	17 49.6				
FEB	27	PNS	EP	19 22 20.4				
FEB	27	USCGS	20 25 36, 5.8S, 148.5E, H = 123 Km, M = 5.0					
		NEW BRITAIN REGION						
		LPB	EPKP	20 44 36				137.8
			EL	21 30 00				
		PNS	EPKP	20 44 37				
			I	44 49.2				
			IPKS	48 13.4				
FEB	27	USCGS	20 44 59, 18.8N, 102.6W, H = 94 Km, M = 5.3					
		MICHOACAN, MEXICO						
		LPB	EP	20 53 32				48.9
			EL	21 08 00				
		PNS	EP	20 53 32		1.0	48.8	
		LPZ	EP	20 53 33				
FEB	27	PNS	IP	22 56 02.7	D	0.5	12.8	2.1
			S	56 27.6				
FEB	27	LPB	EP	23 50 18				
		PNS	IP	23 50 35.5	D			2.7
			S	51 08				
		SCS	IP	23 50 47.9	D			
FEB	28	USCGS	02 02 13.6, 43.7N, 139.6E, H = 225 Km, M = 5.5					
		E SEA OF JAPAN						
		PNS	EPKP	02 21 22		0.7	36.5	
			IPP	24 52				
		LPZ	EPKP	02 21 23				
		LPB	EPKP	02 21 23.5				144.4
			ES	43 23				
			EL	03 10 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
		CCH	PKP	02 21 29.1	D			
		SCS	PKP	02 21 46.4	C			
FEB	28	LPB	EP	04 01 04				
		LPZ	EP	04 01 06				
		PNS	EP	04 01 10				
FEB	28	TRJ	P	05 14 11.0				
			IS	14 58.5	C			
		LPB	EP	05 14 12				
		LPZ	EP	05 14 16				
		PNS	EP	05 14 22		0.7	13.5	3.1
			S	14 58.0				
FEB	28	PNS	EP	05 26 50		0.4	5.9	5.0
			S	27 48				
		LPB	EP	05 26 51				
		LPZ	EP	05 26 52				
FEB	28	PNS	EP	06 34 05.5		0.3	2.2	13.8
			(S)	36 39				
		LPB	EP	06 34 06				
FEB	28	TRJ	P	08 21 35.1	C			
FEB	28	PNS	IP	11 12 29.6	C			6.5
			(S)	13 44				
		LPZ	IP	11 12 30				
		LPB	IP	11 12 33				
		SCS	IP	11 12 48.4	C			
		CCH	EP	11 13 04.8	C			
FEB	28	PNS	IP	13 29 04.3	D	0.3	43.2	2.1
			S	29 29				
FEB	28	USCGS	13 35 39, 29.2N, 130.1E, H = 33 Km, M = 5.5					
		RYUKYU IS						
		LPB	EPKP	13 55 37				158.8
			EL	14 51 00				
		PNS	IPKP	13 55 37.5	C	1.6	80.8	
		LPZ	EPKP	13 55 38				
FEB	28	PNS	EP	14 28 09.8		0.2	7.1	
		LPZ	EP	14 28 18				
		LPB	EP	14 28 20				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	28	TRJ	IP	16 09 21.7	C			
			S	09 51.0				
FEB	28	PNS	EP	17 46 39.2	D	0.2	9.5	0.2
			(S)	46 44.5				
		LPZ	EP	17 46 50				
		LPB	EP	17 46 51				
FEB	28	LPB	(EP)	21 16 35				3.4
			S	17 15.5				
FEB	28	PNS	EP	21 17 00.6			21.4	0.5
			(S)	17 09.0				
FEB	28	LPB	EP	21 23 31.8				
		PNS	IP	21 23 31.8	C	1.0	61.7	
		LPZ	EP	21 23 32				
FEB	28	USCGS	21 38 52.4, 26. S, 70.4W, H = 67 Km, M = 5.7					
		NR C OF N CHILE						
		TRJ	IP	21 40 33.5	C			
		SCS	IP	21 41 02.4	D			
		CCH	P	21 41 08.9	D			
		LPB	P	21 41 10.5				9.9
			(S)	43 12				
			L	44.6				
		LPZ	IP	21 41 11				
		PNS	IP	21 41 12.3	C	0.5	66.3	10.7
			S	43 10.0				
			I	54 20.5				
FEB	28	TRJ	EP	22 45 28.8				
		LPB	EP	22 46 05.5				
		PNS	EP	22 46 06.0		0.5	3.6	
			I	46 16.5				

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MAR	1	USCGS	00 57 45.1, 3S , 147.7E, H = 21 Km, M = 5.0					
		BISMARK SEA						
		LPB	EPKP	01 17 12				139.6
			ESS	20 26				
			EL	54 00				
		PNS	EPKP	01 17 12				
MAR	1	LPB	EP	02 48 10				
			(P)	02 48 43				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	1	PNS	EP	03 58 04				
		LPB	E(P)	03 58 19				
MAR	1	TRJ	IP	04 24 59.8	C			
			IS	25 44.6	C			
		PNS	EP	04 25 30			5.3	
		LPB	EP	04 25 32				
			EL	48 00				
MAR	1	USCGS	04 59 53, 36.5N, 69.0E, H = 78 Km, M = 4.6					
		HINDU-KUSH REGION						
		LPB	EPKP	05 18 50.5				137.3
			ESS	22 32				
			EL	06 00 00				
		PNS	EPKP	05 19 09.9				
MAR	1	CCH	IP	05 26 38.1	C			
		PNS	IP	05 26 55.8	C	0.3	20.4	0.6
			(S)	27 05				
		LPZ	P	05 26 59				
		LPB	P	05 27 00				0.7
			S	27 10				
MAR	1	PNS	IP	05 42 35.8	C	0.3	2.9	2.0
			(S)	43 00				
MAR	1	USCGS	08 48 53, 56.2S, 29.3W, H = 33 Km					
		S SANDWICH IS REG						
		TRJ	EP	08 56 53.3				
		LPB	EP	08 57 39		0.9	10.0	49.1
			EL	09 13 00				
		LPZ	EP	08 57 40				
		PNS	P	08 57 42.3	C	1.0	12.7	
MAR	1	USCGS	12 21 51.4, 23.3S, 68.1W, H = 120 Km, M = 5.0					
		N CHILE						
		SCS	IP	12 23 24.7	D			
		CCH	P	12 23 24.9	D			
		LPB	IP	12 23 31.4				6.8
			ES	24 28				
		LPZ	IP	12 23 32				5.0
			ES	23 29				
		PNS	IP	12 23 34.5	C	0.9	127.3	5.2
			S	24 36				
			IL	25 27				
MAR	1	TRJ	P	12 48 16.9	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	1	USCGS	12 47 28, 32.6S, 179.4W, H = 36 Km, M = 4.2					
		S OF KERMADEC IS						
		LPB	EP	13 00 57				97.4
			ES	12 13				
			EL	33 00				
		PNS	EP	13 00 57.3				
MAR	1	USCGS	15 45 24, 25.3S, 178.5E, H = 547 Km, M = 4.3					
		S OF FIJI IS						
		PNS	EP	15 58 22.3				
		LPB	EP	15 58 23				103.1
			EPS	16 12 43				
			EL	34 00				
MAR	1	PNS	IP	18 40 30.2	D	0.4	5.6	2.4
			S	40 59.7				
		TRJ	EP	18 40 34.9				
		LPZ	P	18 40 35				
		LPB	P	18 40 36				
MAR	1	PNS	P	19 05 25.2				
MAR	1	PNS	EP	20 25 47.2				3.0
			S	26 22.6				
		LPB	EP	20 26 09				3.1
			S	26 45				
MAR	1	PNS	IP	21 19 10.6	C	0.3	2.0	1.8
			S	19 33.8				
MAR	1	USCGS	21 24 27, 15.5S, 168.1E, H = 171 Km, M = 4.6					
		NEW HEBRIDES IS						
		PNS	EPKP	21 42 41.5				
		LPB	EPKP	21 42 41.5				115.6
			EL	22 29 00				
MAR	1	PNS	IP	22 21 27.5	C	0.6	13.0	2.2
			S	21 54.1				
		LPB	P	22 21 33		0.7	9.1	4.2
			(S)	22 21.5				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	1	USCGS	23 08 39.8, 56.9S, 26.8W, H = 33 Km, M = 6.0					
		SANDWICH IS REG						
		TRJ	IP	23 16 54.5	C			
		LPZ	P	23 17 39				
			ES	24 44				
			EL	33 00				
		LPB	P	23 17 39.5	C	0.9	32.0	50.4
			PP	19 37.5				
			S	24 44.5				
			EL	33 00				
		PNS	IP	23 17 42.3	C	0.5	9.0	
			I	18 56.6				
			S	24 46.9				
MAR	1	PNS	P	23 29 32.2				
MAR	2	LPB	EP	00 25 49				2.5
			(S)	26 19.5				
		PNS	IP	00 25 52.5	C	0.3	6.1	2.5
			S	26 21.4				
MAR	2	TRJ	P	01 34 49.8	D			
		PNS	EP	01 35 30				
		LPB	EP	01 35 31				
MAR	2	LPB	EP	02 37 31				
MAR	2	USCGS	02 37 02.3, 43. N, 45.8E, H = 24 Km, M = 5.3					
		E CAUCASUS						
		LPB	EPKP	02 55 47				118.9
			EL	03 33 00				
		LPZ	EPKP	02 55 49				
		PNS	EPKP	02 55 52.4				
MAR	2	TRJ	P	02 42 16.8	D			2.9
			S	42 50.6				
MAR	2	USCGS	03 05 20.7, 19.2S, 169.3E, H = 146 Km, M = 4.3					
		NEW HEBRIDES IS						
		LPB	EPKP	03 05 58				113.0
			EL	58 00				
MAR	2	USCGS	04 02 46.5, 36.1N, 70.6E, H = 162 Km, M = 4.5					
		HINDU-KUSH REGION						
		LPB	EPKP	04 22 12				138.6

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	2	PNS	P	05 55 50.0	D	0.5	2.7	
MAR	2	USCGS BOLIVIA	05 56 28, 18.2S, 67.0W, H = 274 Km, M = 4.5					
		SCS	IP	05 57 03.5	C			
		CCH	IP	05 57 07.2	D			
			S	57 37.9				
		LPZ	IP	05 57 13				
			S	57 46				
		LPB	IP	05 57 13.1	C			2.3
			IS	57 46.8				
		PNS	IP	05 57 16.1				
			S	57 49				
		TRJ	IP	05 57 34.6	C			
			IS	58 27.0	D			
MAR	2	USCGS N OF SVALBARD	05 59 55, 86. N, 19.0E, H = 33 Km, M = 4.6					
		LPB	EL	06 50 00				104.5
MAR	2	LPB	EP	06 54 25				
			EL	07 04 00				
		PNS	EP	06 54 27				
MAR	2	USCGS CERAM	07 24 55.6, 2.9S, 129.8E, H = 41 Km, M = 5.9					
		TRJ	EPKP	07 44 45.4	D			
		LPB	EPKP	07 44 48				154.0
			PPKP	44 55.6				
			ESS	08 08 10				
			EL	37 00				
		LPZ	EPKP	07 44 48				
			PPKP	44 56				
			EL	08 37 00				
		PNS	EPKP	07 44 54.4		0.8	4.5	
MAR	2	PNS	EP	07 46 42.6		0.4	3.0	4.0
			S	47 28.2				
MAR	2	PNS	IP	08 13 34.5	C	0.2	3.9	
MAR	2	PNS	EP	09 01 09.2		0.3	2.0	
MAR	2	TRJ	EP	09 09 04.2				3.1
			S	09 39.9				
MAR	2	PNS	P	09 25 54.3				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	2	PNS	EP	10 27 44.4		0.4	2.0	2.8
			S	28 17.8				
		LPZ	EP	10 27 50				
		LPB	EP	10 27 52				
MAR	2	PNS	P	11 08 43.3				1.8
			S	09 06.4				
MAR	2	USCGS NR IS, ALEUTIAN IS	11 51 20.7, 52.4N, 172.3E, H = 40 Km, M = 5.3					
		LPB	EPKP	12 09 17				121.2
			EL	48 00				
		PNS	EPKP	12 09 19.7				
MAR	2	PNS	EP	12 30 38				1.9
			S	31 02.3				
MAR	2	TRJ	P	12 50 12.3	D			2.3
			S	50 39,9	C			
MAR	2	CCH	P	12 57 01.2	D			
MAR	2	USCGS SEA OF OKHOTSK	13 04 15.6, 47.2N, 144.3E, H = 356 Km, M = 4.7					
		LPB	EPKP	13 22 50				139.6
			ESS	44 28				
			EL	14 10 00				
		PNS	EPKP	13 22 50				
MAR	2	USCGS TAIWAN REGION	14 09 01.1, 24.4N, 122.6E, H = 102 Km, M = 4.6					
		LPB	EPKP	14 28 55				167.2
			EL	15 27 00				
MAR	2	TRJ	IP	14 46 13.1	D			
MAR	2	PNS	P	16 04 21.6				
MAR	2	PNS	EP	16 42 10				3.1
			S	42 46				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	2	USCGS AROE IS REG	17 32 42.6, 5.4S, 133.9E, H = 50 Km, M = 5.3					
		TRJ	IPKP	17 52 26.5	D			
		LPB	EPKP	17 52 27		1.1	18.4	149.1
			I	52 31				
		LPZ	EPKP	17 52 27				
			I	52 31				
		PNS	IPKP	17 52 27.0	D	1.1	15.0	
			I	52 31.2				
		CCH	PKP	17 52 32.5	D			
MAR	2	PNS	EP	19 55 22.0		0.3	1.2	5.8
			(S)	56 28				
MAR	2	PNS	EP	20 14 28.6		0.4	0.7	
		LPB	EP	20 14 37				
MAR	2	USCGS NEW BRITAIN REG	20 13 33.5, 5.5S, 151.8E, H = 48 Km, M = 5.2					
		LPB	EPKP	20 32 51				135.8
			EL	21 17 00				
		PNS	EPKP	20 32 51.5		0.8	4.5	
MAR	3	TRJ	IP	02 01 27.5	D			2.6
			IS	01 58.7	C			
MAR	3	CCH	EP	02 18 18.6	C			
		LPB	EP	02 18 50		0.5	9.2	2.8
			S	19 23.5				
		PNS	P	02 18 56.1		0.4	1.5	3.6
			IS	19 37.9				
MAR	3	USCGS KURILE IS	03 25 28, 48.3N, 154.3E, H = 45 Km, M = 5.9					
		TRJ	EPKP	03 44 41.3				
		PNS	PKP	03 44 41.8	C	1.3	32.7	
			PP	47 06.0				
			SS	04 04 55				
			L	29 36				
		LPB	PKP	03 44 42		1.0	36.0	132.9
			PP	47 09				
			ESS	04 04 43				
			L	29.3				
		LPZ	PKP	03 44 42				
			EPP	47 08				
MAR	3	PNS	IP	03 52 55.8	C	0.3	3.3	2.1
			S	53 20.5				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	3	PNS	EP	04 50 53.2		0.5	1.8	
		LPB	EP	04 51 08				
MAR	3	PNS	P	08 31 49.8				
			I	32 15				
		LPB	P	08 32 14		2.2	112.0	
			EL	46.5				
		LPZ	EP	08 32 16				
MAR	3	USCGS N ATLANTIC RIDGE	10 12 23.2, 20.2N, 45.6W, H = 34 Km, M = 4.7					
		LPB	P	10 20 19.5		0.8	14.0	42.7
			EPP	22 05.5				
			EL	34 00				
		PNS	EP	10 20 19.6		0.8	15.0	
		LPZ	P	10 20 19.7				
		TRJ	EP	10 20 42.2	D			
MAR	3	USCGS N ATLANTIC RIDGE	10 17 50.6, 20. N, 45.7W, H = 33 Km, M = 5.0					
		PNS	P	10 25 46.8	D	0.8	5.2	
			S	31 49				
			SS	35 13				
			L	38 57				
		LPB	P	10 25 47	C	1.0	20.0	42.6
			PP	27 30				
			SS	35 20				
			L	39.2				
		LPZ	EP	10 25 47				
			PP	27 30				
		TRJ	EP	10 26 08.9	D			
MAR	3	PNS	P	13 39 56.3		0.8	3.7	
MAR	3	PNS	IP	14 21 57.7	D	0.5	13.5	1.8
			S	22 20.5				
MAR	3	LPB	IP	15 47 38.5				
		LPZ	P	15 47 39				
		PNS	IP	15 47 42.0	C	0.4	45.0	5.8
			S	48 47.4				
MAR	3	PNS	IP	16 51 19.2	C	0.5	24.7	2.6
			S	51 50.6				
		LPZ	IP	16 51 20				
		LPB	P	16 51 23	C	0.7	41.5	2.9
			IS	51 57				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	3	USCGS S ALASKA	17 37 04, 61.4N, 150.7W, H = 51 Km, M = 4.0					
		LPB	EP	17 50 45				100.9
			EL	18 25 00				
MAR	3	PNS	IP	18 07 20.4	D	0.4	8.1	1.7
			S	07 42.4				
		LPZ	EP	18 07 21				
		LPB	P	18 07 22		0.7	26.0	1.8
			IS	07 45.5				
MAR	3	USCGS FIJI IS REG	21 29 36, 20.5S, 178.7W, H = 605 Km, M = 4.8					
		LPB	EP	21 42 15				102.7
			EL	22 07 00				
MAR	3	TRJ	IP	23 49 47.3	C			
MAR	4	LPB	EP	00 37 50				5.0
			S	38 47				
		PNS	EP	00 37 50.8		0.4	9.4	5.5
			S	38 53.5				
MAR	4	PNS	EP	01 16 05.5		0.4	2.2	1.8
			S	16 28.5				
		LPB	EP	01 16 09				1.4
			S	16 28.0				
MAR	4	PNS	IP	03 05 03.5	D	0.4	7.5	1.8
			S	05 26.4				
		LPB	EP	03 05 04				
MAR	4	USCGS S OF FIJI IS	03 47 44.6, 25.2S, 178.9W, H = 370 Km, M = 4.5					
		LPB	EP	04 00 50				100.9
			EL	04 34 00				
MAR	4	USCGS NEW BRITAIN REGION	04 10 08.6, 5.4S, 151.7E, H = 56 Km, M = 4.8					
		LPB	EPKP	04 29 25				134.6
MAR	4	USCGS NR N C OF W NEW GUINEA	05 18 53, 1.9S, 139.0E, H = 33 Km, M = 5.1					
		LPB	EPKP	05 18 15.5				147.8
			EL	06 27 00				
		PNS	EPKP	05 18 35				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	4	USCGS SANDWICH IS REG	05 34 16.2, 61. S, 23.5W, H = 118 Km, M = 5.4					
		LPB	P	05 43 34.4	D	1.0	30.0	54.5
			ES	51 13				
			EL	06 00 00				
		PNS	EP	05 43 36.5		0.9	14.4	
		TRJ	IP	05 43 50.5	C			
MAR	4	USCGS W PAKISTAN	06 01 05, 30. N, 70.0E, H = 33 Km, M = 4.4					
		LPB	EPKP	06 20 28				139.6
			EL	07 07 00				
MAR	4	TRJ	P	07 40 00.4	C			2.9
			IS	40 34.3				
MAR	4	LPB	EP	10 03 03				
		PNS	EP	10 03 04.6		0.5	1.8	
MAR	4	USCGS NR C OF ECUADOR	10 25 04, 1.3S, 80.1W, H = 33 Km, M = 4.2					
		PNS	EP	10 29 24		0.4	1.2	
		LPB	EP	10 29 29		0.7	4.0	19.3
			EL	34.6				
MAR	4	LPB	IP	11 16 52.5	D	0.9	76.0	
		PNS	EP	11 16 53.5		0.5	3.2	
MAR	4	PNS	EP	11 21 12.4				4.0
			S	21 59.5				
		LPB	EP	11 21 13		0.3	24.0	4.0
			S	21 59.5				
MAR	4	USCGS ANDREANOF IS, ALEUTIAN IS	11 35 03.4, 51.5N, 178.6W, H = 53 Km, M = 4.8					
		LPB	EL	12 29 00				115.3
MAR	4	LPB	P	12 37 20.5		0.8	9.8	4.7
			S	38 15				
		PNS	EP	12 37 26.4		0.5	2.3	5.2
			(S)	38 25				
MAR	4	USCGS KODIAK IS REG	14 19 31, 57. N, 153.4W, H = 33 Km, M = 4.8					
		LPB	EL	15 07 00				101.3

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	4	PNS	EP	16 42 19.2		0.5	3.2	3.3
			I	42 23.1				
			S	42 57.6				
MAR	4	USCGS	17 29 26, 24.2S, 177.1W, H = 33 Km, M = 4.8					
		S OF FIJI IS						
		LPB	EL	18 15 00				99.9
MAR	4	CCH	(EP)	21 35 24.1	D			
		LPB	E(P)	21 35 53				
			EL	51 00				
MAR	4	CCH	(EP)	22 13 15.2	D			
		PNS	IP	22 13 29.0	D	0.5	11.2	2.0
			S	13 51.0				
		LPB	EP	22 13 31				
MAR	4	USCGS	22 20 12, 6.3S, 128.5E, H = 294 Km, M = 4.2					
		BANDA SEA						
		LPB	PKP	22 39 30.5		0.8	14.0	151.9
			PKP2	39 47.7				
			PPKP	40 15				
			EL	23 32 00				
		LPZ	EPKP	22 39 31				
			EL	23 31 00				
		PNS	IPKP	22 39 36.0	C	0.9	5.1	
			I	39 47.2				
MAR	4	USCGS	23 58 55.9, 38.8S, 177.9E, H = 27 Km, M = 6.1					
		N IS, NEW ZEALAND						
		LPB	EP	00 12 25				97.3
			EPP	16 21				
			SKS	23 11				
			L	44.6				
		CCH	EP	00 12 25.8				
		LPZ	EP	00 12 27				
			EL	45 00				
		PNS	EP	00 12 41.2				
MAR	5	PNS	EP	00 16 53.0		0.4	2.6	
MAR	5	PNS	IP	00 48 09.7	D	0.3	24.6	2.1
			(S)	48 35.6				
		LPZ	EP	00 48 10				
		LPB	IP	00 48 10.8		0.6	39.5	2.2
			S	48 38				
		CCH	P	00 48 28.5	C			
				01 59 30.3				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	5	PNS	IP	02 21 39.6	D	0.3	4.0	1.8
			S	22 02.9				
MAR	5	USCGS	02 29 15.8, 10. N, 69.3W, H = 7 Km, M = 5.1					
		VENEZUELA						
		LPZ	EP	02 34 51				
		PNS	EP	02 34 52.8		1.0	6.8	
			S	39 46.4				
		LPB	EP	02 34 53.5		1.0	40.0	26.1
			E(S)	39 48				
			EL	45.7				
MAR	5	PNS	EP	02 40 19				16.2
			I	44 00				
			S	43 22.0				
		LPB	ES	02 43 20				
			EL	49 00				
		LPZ	ES	02 43 20				
			EL	50 00				
MAR	5	USCGS	02 44 21.8, 6.1N, 123.8E, H = 62 Km, M = 5.2					
		MINDANAO, P. I.						
		LPB	EPKP	03 04 28				164.5
MAR	5	PNS	IP	03 22 00.7	D	0.3	9.0	1.5
			(S)	22 20.6				
		LPB	EP	03 22 02				
MAR	5	PNS	P	03 27 26.6		0.4	3.4	
MAR	5	PNS	EP	04 08 35.4		0.6	5.4	0.8
			(S)	08 46.5				
		LPB	P	04 08 36				
MAR	5	USCGS	04 48 44.5, 42.8N, 143.1E, H = 120 Km, M = 4.9					
		HOKKAIDO, JAPAN REG						
		LPB	EPKP	05 08 04				142.6
MAR	5	PNS	EP	08 45 50.1		0.4	2.0	1.9
			S	46 13				
		LPB	EP	08 45 54				
MAR	5	USCGS	13 49 15, 24.7S, 67.8W, H = 33 Km, M = 4.6					
		CHILE-ARGENTINA BOR REG						
		LPB	EP	13 51 13.5				8.3
			ES	52 44				
		LPZ	EP	13 51 14				
		CCH	P	13 51 14.5				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	5	USCGS	14 33 23.2, 8.2N, 74.7W, H = 53 Km, M = 5.5					
		N COLOMBIA						
		PNS	IP	14 38 42.3	D	0.5	11.3	
			E	39 20				
		LPB	P	14 38 46		0.8	15.4	25.2
			PP	39 28				
			EL	45 00				
		LPZ	P	14 38 46.5				
			EPP	39 28				
MAR	5	LPB	P	14 47 52				
		PNS	EP	14 47 52.2		0.6	4.1	7.8
			(S)	49 20				
MAR	5	PNS	EP	15 37 36.0		0.8	3.0	
MAR	5	USCGS	15 45 05, 17.6S, 176.2E, H = 33 Km, M = 5.4					
		FIJI IS REG						
		LPB	EL	16 35 00				108.1
MAR	5	PNS	P	16 38 35.8		0.9	3.4	
MAR	5	LPB	IP	18 14 08.5		0.7	27.0	
		LPZ	EP	18 14 09				
		PNS	EP	18 14 10				
MAR	5	LPB	EP	20 39 25				
		PNS	EP	20 39 25.1		0.7	4.5	4.0
			S	40 12.3				
MAR	5	USCGS	20 54 45.7, N, 18.0W, H = 33 Km, M = 5.2					
		N OF ASCENSION IS						
		PNS	EP	21 03 57.8		1.5	12.6	
			S	11 37				
			SS	15 33				
			L	20 20				
		LPB	EP	21 03 58				52.2
			EPP	06 14				
			S	11 25				
			SS	15 11				
			G	17 00				
			L	20.1				
		LPZ	EP	21 03 58				
			EPP	06 14				
			S	11 24				
			L	20 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	5	PNS	P	23 12 25.8		0.8	5.2	
		LPZ	EP	23 12 36				
			EL	35 00				
MAR	5	USCGS	22 49 34.9, 21.5S, 175.3W, H = 40 Km, M = 5.1					
		TONGA IS						
		PNS	EP	23 03 14.8				
		CCH	EP	23 36 22.2				
		LPB	EL	23 37 00				
		LPZ	EL	23 37 00				99.1
MAR	5	PNS	P	23 43 50.0		0.4	2.2	
		LPB	EP	23 43 52.5				
MAR	6	LPB	EP	00 21 57				
		PNS	IP	00 21 58.9	C	0.4	3.7	
MAR	6	USCGS	00 09 33.2, 9.5N, 126.2E, H = 93 Km, M = 5.1					
		MINDANAO, P. I.						
		LPB	EPKP	00 29 29				
			EL	01 27 00				164.7
		PNS	EPKP	00 29 35				
MAR	6	PNS	EP	00 34 10				
MAR	6	CCH	EP	01 33 44.8				
		PNS	IP	01 34 03.9	D	0.4	9.4	1.9
			IS	34 27.4				
		LPB	EP	01 34 05				
			ES	34 29				2.0
MAR	6	CCH	EP	01 59 33.7				
		PNS	P	01 59 39.8	C	0.3	3.3	
		LPB	EP	01 59 54				
MAR	6	USCGS	02 10 56.8, 31.6N, 80.5E, H = 35 Km, M = 5.4					
		TIBET						
		PNS	EPKP	02 30 39.8				
			PP	34 08				
			I	39 20.0				
			ISS	52 06.0				
		LPB	PKP	02 30 40	D			147.8
			PPKP	30 48				
			PP	34 08				
			SKS	38 20				
			SS	52 00				
			SSP	53 24				
			EL	03 21 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	6	USCGS TIBET	02 15 56.7, 31.6N, 80.5E, H = 44 Km, M = 6.1					
		LPB	PKP	02 35 37.5		2.2	462.0	147.8
			PKP2	35 45.6				
			PKS	39 03.5				
			PP	39 12				
			EL	03 26				
		PNS	PKP	02 35 37.7		1.4	61.3	
			PKS	35 12				
			I	03 03 07				
MAR	6	PNS	P	02 47 37.7		0.4	3.7	
MAR	6	CCH	IP	03 43 45.5	C			
MAR	6	LPB	EP	03 52 29				
		PNS	EP	03 52 32		0.3	1.3	
MAR	6	PNS	P	04 09 14.0		0.4	1.5	
		LPB	EP	04 09 21				
MAR	6	CCH	EP	05 24 23.2				
		PNS	P	05 24 26.9				
		LPB	EP	05 24 27				
MAR	6	PNS	P	05 24 31.9		0.5	1.8	
MAR	6	USCGS HONSHU, JAPAN	07 15 42, 36.2N, 139.6E, H = 122 Km, M = 4.4					
		PNS	EPKP	07 35 21.8				
		LPB	EP	07 35 22				148.6
			EL	08 26 00				
MAR	6	CCH	P	07 57 26.8	C			
		LPB	EP	07 57 37		0.9	12.0	5.5
			S	58 40				
		PNS	P	07 57 41.5				5.6
			S	58 45.5				
MAR	6	USCGS N ATLANTIC RIDGE	08 15 57, 49.7N, 29.0W, H = 33 Km, M = 4.0					
		LPB	EL	08 50 00				74.4

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	6	CCH	EP	09 44 31.6				
		LPB	EP	09 44 55				
		PNS	EP	09 44 56		0.5	2.2	3.7
			S	45 39.0				
MAR	6	PNS	EP	12 23 42		0.6	3.2	
MAR	6	LPB	EP	12 55 53.5				
		PNS	EP	12 55 58.2		0.5	2.2	
MAR	6	CCH	IP	13 03 38.0	D			
MAR	6	CCH	P	13 20 11.1				
		LPB	P	13 20 51				
		PNS	P	13 20 54		0.9	7.6	
MAR	6	PNS	P	13 37 09.5		0.5	3.1	1.9
			S	37 32.8				
MAR	6	USCGS PAT IS, ALEUTIAN IS	13 41 05, 50.9N, 178.3E, H = 65 Km, M = 4.2					
		LPB	EPKP	13 59 40.5				117.9
MAR	6	LPB	EP	16 48 55				
		PNS	EP	16 48 56				
MAR	6	CCH	EP	17 09 15.8				
MAR	6	USCGS S OF FIJI IS	18 01 50, 24.1S, 176.9W, H = 33 Km, M = 5.4					
		LPB	EP	18 15 34				99.5
			L	48.3				
		PNS	EP	18 15 34.5				
MAR	6	LPB	EP	18 22 35				
		PNS	IP	18 22 32.9	D	0.5	3.1	
MAR	6	USCGS VENEZUELA	21 04 18.8, 7.1N, 71.6W, H = 46 Km, M = 0					
		PNS	EP	21 09 26		1.0		
			I	17 03.0				
		LPB	EP	21 09 28				23.5
			EL	16 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	6	CCH	(EP)	21 21 21.7				
MAR	6	LPB	EP	22 12 35				
		PNS	EP	22 12 46.4		0.5	3.6	5.5
			(S)	13 50				
MAR	7	PNS	EP	00 32 36.4		0.5	3.1	2.0
			S	33 00.5				
MAR	7	LPB	EP	01 16 42				
		PNS	EP	01 16 49.5		0.3	1.0	3.9
			(S)	17 35				
MAR	7	USCGS	01 16 05.8, 39.1N, 41.7E, H = 13 Km, M = 5.5					
		TURKEY						
		LPB	EPKP	01 34 50		1.0	10.0	115.5
			ESS	51 39				
			EL	02 09 00				
		PNS	EPKP	01 34 51.4				
MAR	7	LPB	EP	02 29 43				
		PNS	IP	02 29 47.9	D	0.4	6.0	2.1
			S	30 12.5				
MAR	7	LPB	P	02 36 40.5				
		PNS	EP	02 36 44.2		0.4	1.9	
MAR	7	USCGS	02 35 28, 20.5S, 178.4W, H = 101 Km, M = 4.9					
		FIJI IS REG						
		LPB	EP	02 48 19				102.0
			EL	03 24 00				
MAR	7	LPB	EP	03 48 56				
			EL	04 03 00				
		PNS	EP	03 48 57.5		0.7	3.2	
MAR	7	USCGS	04 25 47, 56. S, 27.5W, H = 106 Km, M = 5.4					
		S SANDWICH IS REG						
		LPB	P	04 34 34	D	1.1	23.0	49.7
			EL	49 00				
		PNS	P	04 34 36.6	D	0.8	8.3	
MAR	7	PNS	IP	04 58 44.3	D	0.3	3.8	1.9
			S	59 07				
		LPB	P	04 58 45				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	7	PNS	P	07 42 27.4				
MAR	7	USCGS	07 26 19, 53.9N, 160.9E, H = 54 Km, M = 4.4					
		NR C OF KAMCHATKA						
		PNS	EPKP	07 45 18.4				
MAR	7	USCGS	09 10 54.5, 14.5N, 93.2W, H = 22 Km, M = 5.3					
		NR C OF CHIAPAS, MEXICO						
		PNS	EP	09 18 22		1.5	7.7	
		LPB	EP	09 18 25				39.6
			ES	24 26				
			EL	30 00				
MAR	7	PNS	EP	10 11 52		0.5	1.4	
		LPB	EP	10 11 55				
MAR	7	PNS	IP	10 43 01.2	D	0.3	3.7	1.8
			S	43 23.5				
MAR	7	PNS	EP	11 09 26.9		0.3	2.4	
MAR	7	LPB	EP	11 40 09				
		PNS	EP	11 40 12.6		0.6	2.2	
MAR	7	PNS	EP	12 03 29.5		0.4	2.6	2.9
			S	03 54				
MAR	7	USCGS	17 12 00, 42.9N, 46.0E, H = 33 Km, M = 4.6					
		E CAUCASUS						
		LPB	EL	18 09 00				118.8
MAR	7	USCGS	20 21 33, 56.8N, 151.3W, H = 33 Km, M = 5.0					
		KODIAK IS REG						
		LPB	EP	20 35 16				100.1
			EL	21 08 00				
MAR	7	USCGS	20 39 12.7, 14.2S, 14.5W, H = 33 Km, M = 4.6					
		S ATLANTIC RIDGE						
		LPB	EP	20 48 19		1.0	8.0	51.9
			EL	21 04 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	7	USCGS N CHILE	21 44 52, 21.6S, 69.2W, H = 112 Km, M = 4.7					
		CCH	IP	21 46 05.2	D			
		LPB	IP	21 46 09		1.0	66.0	4.5
			PG	46 31.5				
			S	47 47.5				
		PNS	IP	21 46 12.6	D			
			ES	47 52.8				
MAR	7	USCGS N CHINA	21 29 17, 37.2N, 114.8E, H = 33 Km, M = 5.8					
		LPB	PKP	21 49 17.5		1.0	8.0	159.2
			PKP2	49 21				
			PP	54 35				
			ESKS	56 10				
			L	45 00				
		PNS	EPKP	21 49 17.9				
			SKS	56 22.8				
MAR	7	USCGS TIBET	22 36 03, 29.2N, 98.6E, H = 17 Km, M = 5.2					
		CCH	EP	22 55 52.6				
		LPB	EPKP	22 56 05				
			EL	23 52 00				162.5
MAR	8	USCGS NE CHINA	00 04 51, 37.6N, 115.1E, H = 33 Km, M = 4.4					
		LPB	EL	01 20 00				158.8
MAR	8	USCGS TONGA IS	00 18 09.8, 18.9S, 173.3W, H = 33 Km, M = 5.3					
		LPB	EP	00 31 42				
			S	42 31				98.3
			L	01 04 00				
MAR	8	PNS	E(P)	00 35 48				
		LPB	EP	00 36 03				
MAR	8	PNS	IP	00 56 11.2	D	0.3	13.1	
MAR	8	USCGS NEW HEBRIDES IS	01 13 42.3, 13.9S, 166.6E, H = 37 Km, M = 5.8					
		LPB	EPKP	01 32 26				
			PKS	36 06.5				118.2
			SS	50 10				
			L	02 09.2				
		PNS	EPKP	01 32 29				
			IPKS	34 05.6				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	8	USCGS SAN JUAN PROVINCE, ARGENTINA	02 32 52.7, 31.3S, 68.6W, H = 102 Km, M = 4.9					
		LPB	EP	02 36 18		0.9	39.0	14.6
			ES	39 35				
			EL	41 00				
		PNS	EP	02 36 20				
			I	36 23.0				
MAR	8	USCGS NE CHINA	02 04 20.2, 37.2N, 115.0E, H = 33 Km, M = 5.1					
		LPB	EL	03 19 00				159.3
MAR	8	PNS	IP	03 42 45.3	C	0.3	4.5	
MAR	8	USCGS NE CHINA	03 46 37.6N, 114.9E, H = 33 Km, M = 5.0					
		LPB	EPKP	04 06 37				
			EL	05 00 00				158.9
MAR	8	USCGS MOLUCCA PASSAGE	05 41 04.5, 1.9N, 126.4E, H = 33 Km, M = 5.9					
		LPB	PKP	06 01 04.8		1.5	88.0	159.4
			PKP2	01 35				
			PP	05 24				
			SKS	08 41				
			GS	26 25				
			EL	57.7				
		PNS	PKP	06 01 05		2.0	107.2	
			PP	05 22.8				
MAR	8	USCGS MOLUCCA PASSAGE	06 00 05.6, 1.7N, 126.4E, H = 33 Km, M = 5.5					
		LPB	PKP	06 20 06		1,1	11.0	159.4
			PKP2	20 44				
			ESS	44 25				
			EL	07 16 00				
		PNS	IPKP	06 20 06.4	D	1.7	33.0	
			EPP	24 27				
MAR	8	USCGS MOLUCCA PASSAGE	06 28 13.5, 2.1N, 126.3E, H = 98 Km, M = 5.2					
		LPB	EPKP	06 48 02.5				
		PNS	EPKP	06 48 05				159.6
MAR	8	PNS	P	07 35 39.9				
		LPB	EP	07 35 41				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	8	LPB	P	09 06 05				
		PNS	EP	09 06 08				2.5
			ES	06 38				
MAR	8	USCGS	11 02 27, 54.2N, 35.2W, H = 33 Km, M = 4.2					
		N ATLANTIC OCEAN						
		LPB	EP	10 14 08				76.0
MAR	8	LPB	EP	10 45 24				
MAR	8	LPB	EP	12 17 37				
		PNS	IP	12 17 41.0	C	0.5	14.0	3.8
			S	18 25.2				
MAR	8	USCGS	12 19 20.8, 1.9N, 126.4E, H = 78 Km, M = 5.5					
		MOLUCCA PASSAGE						
		LPB	EPKP	12 39 15		1.1	20.7	159.3
			PKP2	39 55				
			EL	13 34 00				
		PNS	PKP	12 39 15.6		1.3	14.3	
			PPKP	39 55.5				
MAR	8	PNS	EP	14 04 10				1.9
			S	04 33				
MAR	8	PNS	EP	16 43 42		0.7	2.6	4.3
			ES	44 31.9				
		LPB	EP	16 43 44				
MAR	8	USCGS	18 51 47.2, 38.9N, 21.3E, H = 48 Km, M = 5.1					
		GREECE						
		LPB	EL	19 39 00				100.0
MAR	8	USCGS	20 46 12, 20. S, 68.9W, H = 122 Km, M = 5.9					
		CHILE-BOLIVIA BOR REG						
		LPB	IP	20 47 09.7				3.6
			IS	47 26.3				
		CCH	IP	20 47 10.5	C			
		PNS	IP	20 47 12.5	C			
MAR	8	PNS	E(P)	21 25 26				
MAR	8	PNS	P	22 46 15.4	C	0.4	7.5	1.9
			S	46 38.3				
		CCH	P	22 46 16.8	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	8	SCS	IP	23 19 55.7	D			
MAR	8	USCGS	23 15 45, 21.5S, 175.2W, H = 33 Km, M = 4.7					
		TONGA IS						
		LPB	EP	23 29 19				99.1
			EL	00 03 00				
MAR	9	LPB	EP	00 49 33				
MAR	9	PNS	EP	01 21 29.4				1.8
			S	21 51.1				
		CCH	EP	01 21 39.6				
MAR	9	PNS	EP	01 42 23.3				
MAR	9	PNS	EP	02 58 38.6		0.4	2.0	
MAR	9	PNS	EP	02 59 13.7		0.3	5.3	
MAR	9	PNS	P	03 46 40.5	C	0.3	3.7	
MAR	9	PNS	P	04 52 38.1	C	0.3	4.4	2.1
			S	53 03.0				
MAR	9	USCGS	05 08 30, 16.5N, 95.4W, H = 33 Km, M = 4.5					
		OAXACA, MEXICO						
		LPB	EP	05 16 19				42.3
		PNS	EP	05 16 21.6				
MAR	9	LPB	EP	05 25 32				
MAR	9	SCS	IP	05 51 08.5	D			
		LPB	P	05 51 33		1.0	11.5	3.9
			S	52 18				
		PNS	IP	05 51 35.1	C	0.4	3.0	4.0
			S	52 22.3				
MAR	9	LPB	EP	06 41 03				
MAR	9	CCH	EP	07 38 16.6				
		LPB	EP	07 38 56				2.3
			S	39 24.5				
		PNS	EP	07 38 58				3.2
			ES	39 36				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	9	LPB	EP	08 19 29				
MAR	9	USCGS	08 50 13, 56.1S, 27.2W, H = 33 Km, M = 5.0					
		S SANDWICH IS REG						
		LPB	P	08 59 07.5	D	1.0	12.0	49.8
		PNS	IP	08 59 10	C	0.8	11.3	
MAR	9	USCGS	09 52 42, 1.1N, 99.0E, H = 33 Km, M = 5.1					
		N SUMATRA						
		LPB	EPKP	10 12 30.5				159.7
MAR	9	USCGS	10 24 44, 7. N, 73.0W, H = 144 Km, M = 4.3					
		N COLOMBIA						
		LPB	EP	10 29 36				23.4
			EL	36 00				
		PNS	P	10 29 40.8		0.8	3.7	
MAR	9	LPB	EP	10 35 03				
MAR	9	CCH	P	11 42 27.2	D			
		LPB	EP	11 42 48				4.9
			S	43 44.5				
		PNS	EP	11 42 49				5.0
			S	43 47.2				
MAR	9	SCS	EP	12 19 46.6				
MAR	9	LPB	EP	12 22 11				2.0
			(S)	22 35				
		PNS	IP	12 22 12.6	C	0.6	8.7	2.8
			S	22 46.8				
MAR	9	PNS	IP	13 15 43.2	C	0.3	7.8	1.9
			S	16 05.8				
MAR	9	PNS	EP	14 23 52				4.8
			(S)	24 47.6				
MAR	9	USCGS	15 06 28, 34.8N, 80.2E, H = 33 Km, M = 4.5					
		TIBET						
		LPB	EPKP	15 26 09				146.4
			EL	16 15 00				
		PNS	PKP	15 26 09.7		0.9	5.9	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	9	USCGS	15 43 11.1, 55.2S, 126.7W, H = 33 Km, M = 5.0					
		E IS CORDILLERA						
		LPB	P	15 53 08		1.4	92.0	58.7
			EPP	55 25				
			S	16 01 25				
			EL	11.1				
		PNS	IP	15 53 08.4	C	0.9	26.3	
			IS	16 01 17.0				
			SS	05 11.0				
			I	08 39.0				
MAR	9	LPB	EP	16 04 59				2.2
			S	05 25				
		PNS	IP	16 05 03.0		0.9	13.6	2.1
			(S)	05 28.1				
MAR	9	PNS	EP	16 41 17.5		0.4	2.0	0.9
			(S)	41 31				
		LPB	P	16 41 28				
MAR	9	PNS	EP	17 33 51.6				
MAR	9	PNS	EP	18 18 24.3				
		LPB	EP	18 18 28				
MAR	9	USCGS	18 29 49, 31.2S, 72.1W, H = 24 Km, M = 4.5					
		OFF C OF C CHILE						
		PNS	P	18 33 24.9	C	0.9	5.1	
			L	37.4				
		LPB	EP	18 33 28		0.8	7.0	14.8
			EL	37 00				
MAR	9	USCGS	21 23 09, 35.4N, 118.4W, H = 16 Km, M = 4.4					
		CENTRAL CALIFORNIA						
		LPB	EP	21 34 20				70.2
			EL	56 00				
MAR	9	USCGS	22 03 46, 36.8N, 137.8E, H = 9 Km, M = 4.2					
		HONSHU, JAPAN						
		LPB	EL	23 15 00				149.5
MAR	9	PNS	P	23 19 31.9		0.3	3.0	0.9
			S	19 44.6				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	9	USCGS JAVA	23 13 52, 7.4S, 108.4E, H = 148 Km, M = 5.6					
		LPB	PKP	23 33 32	D	1.0	25.0	155.8
			IPKP2	34 01				
			PP	37 34				
			EL	27 00				
		PNS	IPKP	23 33 33.2	C	1.3	47.0	
			IPKP2	34 01.3				
			IPP	37 36.7				
MAR	10	PNS	P	00 09 00.7				1.8
			S	09 23.0				
MAR	10	PNS	EP	02 09 51.6				
MAR	10	LPB	EP	02 12 02				
		PNS	EP	02 12 02				
MAR	10	USCGS MARIANA IS	02 08 20, 16.1N, 145.0E, H = 158 Km, M = 4.7					
		LPB	EPKP	02 27 45				148.2
			EL	03 18 00				
		PNS	EPKP	02 27 50		0.9	5.9	
MAR	10	USCGS S HONSHU, JAPAN	03 48 43, 35.3N, 135.5E, H = 33 Km, M = 4.2					
		LPB	EP	04 08 35				151.8
			EL	05 00 00				
		PNS	EPKP	04 08 36				
MAR	10	LPB	EP	04 18 45				
		PNS	P	04 18 48.9				
MAR	10	USCGS S OF HONSHU, JAPAN	04 26 19.6, 32.2N, 137.5E, H = 382 Km, M = 5.6					
		LPB	PKP	04 45 26	C	1.0	30.0	152.0
			PPKP	45 33.4				
			EPP	49 14				
			ESS	05 08 20				
			EL	37 00				
		PNS	P	04 45 26.4	C	1.1	28.7	
			I	45 32.6				
			SS	05 08 53				
MAR	10	LPB	E(P)	04 54 06				7.3
			E(S)	55 29				
		PNS	P	04 55 47.8		0.9	6.8	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	10	LPB	EP	04 58 21.5				
		PNS	EP	04 58 25.8				
MAR	10	PNS	EP	05 55 44				
MAR	10	USCGS N IS NEW ZEALAND	07 01 18, 38.5S, 175.7E, H = 135 Km, M = 4.9					
		LPB	EP	07 14 52				99.1
MAR	10	LPB	P	09 10 36.5				
MAR	10	CCH	EP	10 03 18.9				
MAR	10	PNS	IP	10 40 40.9	D	0.3	10.0	2.1
			S	41 06.4				
		LPB	P	10 40 43.5	D	1.0	30.0	1.8
			(S)	41 06				
MAR	10	USCGS P. IS REG	10 57 55, 20.8N, 120.7E, H = 51 Km, M = 4.4					
		LPB	EPKP	11 18 05				170.2
		PNS	EPKP	11 18 06.4				
MAR	10	LPB	EP	12 53 31				
MAR	10	USCGS MOLUCCA PASSAGE	12 41 53, 1.7N, 126.2E, H = 62 Km, M = 4.8					
		PNS	EPKP	13 01 48				
		LPB	PKP	13 01 50		0.9	6.8	159.4
			EL	56 00				
MAR	10	USCGS FIJI IS REG	12 15 19.4, 19.3S, 177.0W, H = 320 Km, M = 5.5					
		LPB	EL	13 03 00				
MAR	10	LPB	EP	14 20 14				
MAR	10	PNS	P	16 07 22.9		0.5	2.3	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	10	LPB	P	17 32 35.5				3.3
			S	33 14.5				
		PNS	IP	17 32 36.0	D	0.5	8.1	3.3
			S	33 15.0				
MAR	10	SCS	EP	18 22 36.7				
MAR	10	USCGS	20 52 47.8, 36.7N, 121.8W, H = 7 Km					
		CENTRAL CALIFORNIA						
		LPB	EL	21 20 00				67.1
MAR	10	PNS	IP	21 34 01.2	C	0.2	14.1	
MAR	10	LPB	P	21 53 57	C	1.0	45.0	3.5
			(S)	54 37.5				
		PNS	IP	21 54 01.0	D	0.4	25.5	5.5
			S	55 04				
MAR	11	LPB	EP	01 01 37				
MAR	11	USCGS	01 32 31, 15.4N, 104.5W, H = 56 Km, M = 4.9					
		OFF C OF MICHOACAN, MEXICO						
		PNS	EP	01 41 02.4		1.3	22.8	
		LPB	P	01 41 06.5		1.0	26.0	48.2
			I	41 14.5				
MAR	11	USCGS	01 48 34.8, 19.5S, 69.2W, H = 115 Km, M = 5.3					
		N CHILE						
		LPB	IP	01 49 26.8				3.1
			I(PG)	49 44				
			IS	50 06.0				
		PNS	IP	01 49 28.5				
			S	50 00.0				
MAR	11	PNS	IP	04 28 08.0	D	0.4	22.9	2.3
			S	28 36.8				
		LPB	P	04 28 13		1.0	25.0	
MAR	11	USCGS	04 20 21, 30.1N, 69.9E, H = 32 Km, M = 4.4					
		W PAKISTAN						
		LPB	EPKP	04 39 45.5				139.6
		PNS	EPKP	04 39 48				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	11	USCGS	06 20 50, 37.5N, 114.6E, H = 33 Km, M = 4.4					
		NE CHINA						
		LPB	EPKP	06 40 26				159.0
			EL	07 35 00				
		PNS	EPKP	06 40 49.1				
MAR	11	LPB	P	06 42 30				
		PNS	IP	06 42 32.9	C	1.0	20.5	
MAR	11	USCGS	07 54 17, 55.2S, 126.6W, H = 33 Km, M= 5.3					
		E IS CORDILLERA						
		LPB	EP	08 04 13.5		1,3	39.0	58.6
			S	12 22				
			SS	16 13				
			L	22.2				
		PNS	IP	08 04 14.5	C	1.2	58.5	
			S	12 30				
			L	22 09				
MAR	11	USCGS	08 36 46, 13.6S, 167.3E, H = 181 Km, M = 3.7					
		NEW HEBRIDES IS						
		PNS	PKP	08 55 24		1,6	15.8	
MAR	11	USCGS	09 30 42, 23.7S, 69.2W, H = 67 Km, M = 5.5					
		N CHILE						
		LPB	P	09 32 28.6	C	1.4	18.2	7.2
			I	32 29.7				
			S	33 41				
			L	34.3				
		PNS	IP	09 32 31.4	D	0.5	39.1	
			S	33 45				
			SS	34 00				
			L	34 16				
MAR	11	USCGS	09 49 27, 15.3N, 104.5W, H = 33 Km, M = 4.6					
		OFF C OF MICHOACAN, MEXICO						
		PNS	IP	09 58 00.0	C	1.0	24.4	
			L	10 13 50				
		LPB	IP	09 58 03.6	C	0.9	59.5	47.8
			(IPP)	58 09				
			L	10 11.0				
MAR	11	LPB	EP	10 31 57				
MAR	11	USCGS	10 24 20, 21.7N, 95.4W, H = 46 Km, M = 4.7					
		GULF OF MEXICO						
		PNS	IP	10 32 43.2	C	0.8	5.2	
		LPB	EP	10 32 45				46.4
			EL	46 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	11	PNS	P	12 54 03.7	D	0.5	4.5	4.8
			(S)	55 00				
		LPB	EP	12 54 11				
MAR	11	PNS	EP	14 00 31.7				
MAR	11	PNS	EP	16 43 47.8		0.6	2.2	
MAR	11	USCGS	20 01 43.8, 34.4N, 24.4E, H = 22 Km, M = 5.1					
		CRETE						
		LPB	EP	20 15 30				101.2
			EL	49 00				
MAR	11	PNS	EP	20 43 07.5		0.5	4.0	
MAR	11	USCGS	23 13 27.2, 28.4N, 43.8W, H = 33 Km, M = 5.0					
		N ATLANTIC RIDGE						
		PNS	IP	23 22 23.4	D	0.8	12.2	
		LPB	IP	23 22 23.7		1.2	41.5	50.4
			EPP	24 35.5				
			EL	37 00				
MAR	11	USCGS	23 15 42.3, 28.2N, 43.9W, H = 33 Km, M = 5.0					
		N ATLANTIC RIDGE						
		LPB	IP	23 24 39.0	D	1.5	166.0	50.4
			EL	39 00				
		PNS	IP	23 24 39.0	D	1.0	16.6	
MAR	11	USCGS	23 18 50, 28.3N, 44.0W, H = 33 Km, M = 4.9					
		N ATLANTIC RIDGE						
		PNS	IP	23 27 46.0	D			
		LPB	IP	23 27 46.5		1.4	99.0	50.4
MAR	11	USCGS	23 36 42.7, 28.5N, 44.0W, H = 33 Km, M = 5.1					
		N ATLANTIC RIDGE						
		LPB	IP	23 45 38.0		1.6	201.0	50.8
			EL	00 01 00				
		PNS	IP	23 45 38.0	D	1.8	43.4	
MAR	12	USCGS	00 53 21, 14.7N, 93.0W, H = 51 Km, M = 4.3					
		NR C OF CHIAPAS, MEXICO						
		LPB	EL	01 13 00				39.8

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	12	USCGS	01 05 34.6, 30.8S, 178.5W, H = 94 Km, M = 5.4					
		KERMADEC IS REG						
		LPB	EP	01 19 05				98.0
			ESKS	29 28				
			EL	51.5				
		PNS	EP	01 19 06				
MAR	12	PNS	EP	01 23 00				
		LPB	EP	01 23 05				
MAR	12	CCH	(EP)	01 46 08.8				
		LPB	EP	01 46 09				
MAR	12	PNS	EP	01 46 50.9				
MAR	12	PNS	EP	02 19 29				
MAR	12	USCGS	06 58 37.5, 31.6S, 67.1W, H = 128 Km, M = 5.0					
		SAN JUAN PROVINCE, ARGENTINA						
		LPB	P	07 02 06.2		1.2	33.8	14.7
			I	02 09.0				
			IS	04 35.7				
			EL	06				
		PNS	EP	07 02 07.5		1.2	39.1	
MAR	12	PNS	IP	07 38 46.4	D	0.2	8.5	1.8
			S	39 08.5				
		LPB	EP	07 38 48				
MAR	12	PNS	IP	07 59 36.1	D	0.2	8.5	2.2
			S	08 00 02.0				
		LPB	IP	07 59 36.2				
			E(L)	08 13 00				
MAR	12	USCGS	08 01 48, 34.3S, 71.8W, H = 90 Km, M = 4.3					
		NR C OF CENTRAL CHILE						
		PNS	EP	08 05 56.4				
		LPB	EP	08 05 58.5		0.7	3.9	18.0
			EL	10 00				
MAR	12	USCGS	08 10 35, 34.2S, 71.2W, H = 118 Km, M = 3.7					
		NR C OF CENTRAL CHILE						
		CCH	EP	08 14 11.4				
		LPB	EP	08 14 41		1.0	4.0	18.2
		PNS	EP	08 14 42				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	12	LPB	EP	09 46 32				
		PNS	EP	09 46 33.5		1.0	3.9	8.1
			(S)	48 06.0				
MAR	12	USCGS	12 09 04, 30.6S, 178.8W, H = 202 Km, M = 4.8					
		KERMADEC IS REG						
		LPB	EP	12 21 41				90.2
MAR	12	PNS	EP	12 59 14.5		0.3	1.6	2.4
			S	59 43.3				
MAR	12	USCGS	14 26 57.6, 15.7S, 173.0W, H = 33 Km, M = 5.2					
		TONGA IS						
		LPB	EP	14 40 36				99.1
			EL	15 15 00				
MAR	12	USCGS	15 35 36, 22.6S, 176.6W, H = 64 Km, M = 5.0					
		S OF FIJI IS						
		LPB	EP	15 49 17				100.0
			EL	16 24 00				
MAR	12	PNS	EP	16 00 07.6				1.8
			(S)	00 30				
		LPB	P	16 00 08	C	0.8	23.8	
MAR	12	LPB	EP	16 02 52				
		PNS	IP	16 02 56.3	C	0.7	3.8	
MAR	12	USCGS	16 31 21.6, 24.1N, 122.6E, H = 63 Km, M = 6.7					
		TAIWAN REGION						
		LPB	(P)	16 50 18				167.4
			PKP	16 51 25.5				
			I	51 33				
			PP	56 25				
		PNS	IP	16 51 25.1	C	1.2	525.8	
			IPP	55 04.0				
			I	56 16.7				
			SKS	58 05				
			IPPP	17 00 12.0				
MAR	12	USCGS	17 59 39, 24.4N, 122.8E, H = 83 Km, M = 5.7					
		TAIWAN REGION						
		PNS	IPKP	18 19 40.4	C	1.0	17.7	
		LPB	IP	18 19 40.5		0.9	32.3	167.2

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	12	USCGS	18 06 53, 14.1S, 73.6W, H = 79 Km, M = 4.1					
		PERU						
		LPB	EP	18 08 17.5		1.0	26.0	5.8
			(PN)	08 23				
		PNS	IP	18 08 17.6	C	0.8	30.0	
			S	09 16.6				
MAR	12	USCGS	18 26 35.4, 34.3S, 72.3W, H = 55 Km, M = 4.9					
		NR C OF CENTRAL CHILE						
		LPB	P	18 30 45.3		1.2	103.5	18.2
		PNS	IP	18 30 47.4	C	1.4	69.0	
			I	34 47.0				
MAR	12	USCGS	19 23 02, 24. N, 122.9E, H = 63 Km, M = 4.9					
		TAIWAN REGION						
		LPB	EPKP	19 42 58				167.1
		PNS	EPKP	19 43 05.2		0.9	6.8	
MAR	12	LPB	EP	21 06 49				3.1
			S	07 25				
		PNS	EP	21 06 49.8		0.4	4.1	3.2
			S	07 26.8				
MAR	12	USCGS	20 51 58, 25. N, 122.4E, H = 79 Km, M = 5.0					
		TAIWAN REGION						
		PNS	PKP	21 11 54.2	D	1.1	10.1	
MAR	12	LPB	P	23 45 38	D	1.3	89.0	
			E	00 24 00				
		PNS	IP	23 45 38.0	D	1.6	47.5	
MAR	13	LPB	EP	00 30 26				5.8
			(ES)	31 32				
		SCS	EP	00 31 02.3	D			
		PNS	EP	00 31 10				2.0
			ES	31 34.0				
MAR	13	USCGS	00 49 15, 24. N, 122.4E, H = 62 Km, M = 4.9					
		TAIWAN REGION						
		PNS	EPKP	01 09 15.2		1.2	13.5	
		LPB	EPKP	01 09 16.5		1.2	10.4	167.1
			PKP2	10 23.5				
			EL	02 08 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	13	USCGS	01 36 34, 28.3N, 43.8W, H = 33 Km, M = 4.9					
			N ATLANTIC RIDGE					
		LPB	P	01 45 30.6		1.2	26.0	50.4
			PP	45 41.2				
			EPP	47 30.5				
			EL	02 01 00				
		PNS	IP	01 45 30.6	D	0.9	22.9	
MAR	13	PNS	P	03 51 48.3		0.5	3.6	
MAR	13	PNS	EP	04 06 32.4				
		LPB	EP	04 06 39				
MAR	13	USCGS	04 30 55, 23.8N, 122.2E, H = 61 Km, M = 4.8					
			TAIWAN REGION					
		PNS	EPKP	04 51 01				
		LPB	EPKP	04 51 02				167.6
			PPKP	51 13				
			EL	05 45 00				
MAR	13	PNS	EP	05 13 12.2				
		LPB	EP	05 13 28.5				
MAR	13	USCGS	04 55 31, 23.9N, 122.8E, H = 60 Km, M = 4.6					
			TAIWAN REGION					
		PNS	EPKP	05 15 34				
		LPB	EPKP	05 15 35				167.7
			EL	06 14 00				
MAR	13	USCGS	08 02 47, 24.1N, 122.3E, H = 75 Km, M = 4.9					
			TAIWAN REGION					
		PNS	IPKP	08 22 44.4	C	0.9	16.9	
			I	25 36.0				
		LPB	PKP	08 22 48.5		0.9	170.0	117.5
			PPKP	23 01.3				
			PKP2	23 54				
			EL	09 22 00				
MAR	13	TRJ	P	08 25 49.6	D			1.1
			IS	26 03.6				
		PNS	P	08 25 59.0				8.1
			I	26 18.1				
			S	27 30.0				
		LPB	EP	08 26 01				7.3
			I	26 19				
			ES	27 24.5				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	13	USCGS	09 39 39, 17. N, 100.9W, H = 52 Km, M = 4.1					
			NR C OF GUERRERO, MEXICO					
		PNS	EP	09 47 59.0		1.9	48.2	
			ES	54 30.4				
		LPB	EP	09 48 00				
			EL	10 02 00				46.6
MAR	13	LPB	EP	13 41 20				
MAR	13	PNS	P	13 55 47.8		0.8	6.0	
		LPB	EP	13 55 53				
MAR	13	USCGS	14 53 47.6, 23.8N, 122.7E, H = 51 Km, M = 5.0					
			TAIWAN REGION					
		LPB	PKP	15 13 53		1.0	6.0	167.1
			EL	16 13 00				
		PNS	IPKP	15 13 53.0	C	1.0	10.7	
MAR	13	USCGS	15 41 26.5, 35.4N, 118.4W, H = 11 Km					
			CENTRAL CALIFORNIA					
		LPB	EP	15 52 24				70.2
			EL	16 14 00				
MAR	13	PNS	EP	16 26 16.7				
		LPB	EP	16 26 17				
MAR	13	USCGS	16 14 34.7, 8.9S, 119.4E, H = 33 Km, M = 5.2					
			FLORES IS REG					
		PNS	EPKP	16 34 30.7				
		LPB	EPKP	16 34 31				169.3
			PPKP	34 41.2				
			EL	17 34 00				
MAR	13	PNS	EP	16 48 07.8				2.7
			I	48 28.6				
			(S)	48 40				
		LPB	P	16 48 09.5	C	1.2	46.5	
			I	48 31.2				
MAR	13	USCGS	15 58 32, 1.2N, 124.1E, H = 237 Km, M = 4.7					
			N CELEBES					
		LPB	EL	17 14 00				160.2

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	13	USCGS	17 58 36, 55. S, 126.4W, H = 33 Km, M = 5.4					
			E IS CORDILLERA					
		PNS	P	18 08 28.8	D	0.9	22.9	
			IS	16 44.0				
			SS	20 29				
			SSS	23 37				
			L	26 15				
		LPB	P	18 08 30	D	1.0	20.0	58.3
			I	08 35.5				
			PP	10 29				
			S	16 43				
			SS	20 13				
			EL	23 35				
MAR	13	USCGS	18 40 40.7, 20.9S, 175.4W, H = 65 Km, M = 5.2					
			TONGA IS					
		LPB	EP	18 54 19		1.2	7.8	99.4
			EL	19 27 00				
		PNS	IP	18 54 20.0	D	1.0	10.7	
			S	19 05 42				
			SS	12 42				
			L	27 26				
MAR	13	USCGS	19 35 51.5, 38.9N, 21.6E, H = 11 Km, M = 4.8					
			GREECE					
		LPB	EP	19 49 23				100.2
			EL	20 24 00				
MAR	13	CCH	EP	21 53 00				
		PNS	P	21 53 11.5	C	0.5	4.5	
MAR	13	USCGS	21 46 22, 14.4N, 88.4W, H = 27 Km, M = 4.6					
			HONDURAS					
		LPB	P	21 53 30				37.2
			EL	22 04 00				
		PNS	P	21 53 30.6		0.9	8.4	
MAP	13	LPB	EP	21 59 21				
		PNS	P	21 59 23.0	D	0.5	6.7	
MAR	13	USCGS	21 47 52, 20.5S, 175.3W, H = 33 Km, M = 4.7					
			TONGA IS					
		LPB	EL	22 34 00				99.6
		CCH	EP	22 34 59.5				
MAR	13	USCGS	22 18 39, 23.9N, 122.7E, H = 59 Km, M = 4.8					
			TAIWAN REGION					
				22 38 18.0				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
		LPB	EPKP	22 38 28				167.2
			EL	23 38 00				
		PNS	EPKP	22 38 36.2				
MAR	14	LPB	EP	00 44 12				
MAR	14	CCH	EP	01 31 05.8				
		LPB	EP	01 31 24				
MAR	14	USCGS	03 21 31.7, 9. N, 27.7W, H = 33 Km, M = 5.2					
			CENTRAL MID-ATLANTIC RIDGE					
		LPB	P	03 29 35		1.2	31.0	47.7
			PP	31 24.5				
			S	36 13				
			L	43.8				
		PNS	IP	03 29 37.3	C	0.8	10.7	
			PP	31 26.5				
			S	36 15				
			SS	39 48				
			L	43 59				
MAR	14	PNS	EP	03 46 07				
		LPB	EP	03 46 08				
MAR	14	LPB	EP	04 18 14				
MAR	14	USCGS	04 42 50, 32.4N, 97.4E, H = 33 Km, M = 4.9					
			TIBET					
		PNS	EPKP	05 02 50.4				
		LPB	EPKP	05 02 51				159.2
			EL	58 00				
MAR	14	PNS	P	06 57 43.4		0.5	4.0	2.0
			S	57 08.3				
		LPB	P	06 57 44		1.0	20.0	1.9
			S	58 07				
MAR	14	PNS	EP	08 04 22.6				3.5
			S	05 03.6				
MAR	14	USCGS	09 21 49.2, 23.8N, 122.3E, H = 43 Km, M = 4.8					
			TAIWAN REGION					
		LPB	EPKP	09 41 54		1.0	8.0	167.5
			PPKP	42 06.2				
			EL	10 41 00				
		PNS	EPKP	09 41 55		1.3	15.6	
			PPKP	42 06				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	14	USCGS	11 48 41, 8.5N, 103.7W, H = 33 Km, M = 4.2					
			OFF C OF MEXICO					
		LPB	EP	11 56 36				42.9
			PP	56 46				
			EL	12 09 00				
		PNS	EP	11 56 37.4				
MAR	14	CCH	EP	14 13 22.8				
		LPB	EP	14 13 40				
MAR	14	USCGS	14 08 40.7, 39.2N, 21.4E, H = 48 Km, M = 4.4					
			GREECE					
		LPB	EP	14 22 16				100.0
			EL	56 00				
MAR	14	PNS	P	14 49 20.8		0.3	1.7	2.3
			S	49 48.9				
MAR	14	PNS	EP	16 41 01				5.0
			ES	41 59.4				
MAR	14	PNS	EP	16 53 37				
MAR	14	PNS	EP	18 48 35.4				
MAR	14	LPB	EP	19 33 14				
MAR	14	USCGS	19 34 24, 4. S, 152.9E, H = 19 Km					
			NEW BRITAIN REGION					
		LPB	EPKP	19 53 47				134.2
			EL	20 38 00				
		PNS	IPKP	19 53 47.7	C	0.8	6.0	
MAR	14	PNS	EP	19 57 12.6	C			
			I	57 17.6				
		LPB	EP	19 57 15				
MAR	14	PNS	IP	20 01 21.2	D	0.3	7.7	
MAR	14	PNS	IP	21 06 46.6	D	0.3	10.2	1.9
			S	07 08.3				
MAR	14	PNS	P	22 00 06.6		1.3	17.1	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	14	USCGS	21 57 42.5, 5 N, 125.5E, H = 37 Km					
			MOLUCCA PASSAGE					
		LPB	EPKP	22 17 41				
			EL	23 16 00				162.6
		PNS	PKP	22 17 42				
			PPKP	18 00.2				
MAR	14	USCGS	23 28 52, 6 N, 146.4E, H = 8 Km, M = 4.8					
			CAROLINE IS REG					
		PNS	IPKP	23 48 31.4	C	1.1	96.4	
			I	54 21				
		LPB	IPKP	23 48 32.2	C	1.0	95.0	144.9
			PPKP	48 45				
			EL	00 37 00				
MAR	15	PNS	EP	01 06 55.5				
MAR	15	PNS	EP	01 14 13.6				
			E	15 49				
		LPB	EP	01 14 18				
MAR	15	LPB	IP	02 23 40.6	D	0.9	95.2	3.8
			S	24 24.6				
		PNS	IP	02 23 42.2	C	0.5	12.6	3.2
			I	23 58.2				
			ES	24 19				
MAR	15	LPB	EP	03 24 10.5				
MAR	15	PNS	P	03 42 19.6		0.4	1.5	
MAR	15	USCGS	03 46 27, 16.6S, 69.0W, H = 172 Km, M = 4.1					
			PERU-BOLIVIA BORDER REGION					
		LPB	IP	03 46 53	C	0.8	138.6	0.9
			S	47 17.3				
		PNS	IP	03 46 53.3	D	0.6	122.1	
			S	47 16.0				
MAR	15	USCGS	04 48 52, 14. S, 167.1E, H = 290 Km, M = 3.8					
			NEW HEBRIDES IS'					
		LPB	EPKP	05 07 08				
			EL	45 00				117.5
		PNS	PKP	05 07 30.8		1.3	16.2	
MAR	15	PNS	EP	06 09 33				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	15	LPB	EP	09 06 00				
		PNS	EP	09 06 00.0		0.5	4.2	
MAR	15	PNS	EPKP	09 33 50				
		LPB	EPKP	09 33 51				139.3
MAR	15	LPB	EP	09 52 08				
MAR	15	PNS	P	10 06 00.0				
		LPB	EP	10 06 02				
MAR	15	USCGS	11 14 00.9, 24.2N, 122.7E, H = 65 Km, M = 5.2					
		TAIWAN REGION						
		PNS	IPKP	11 34 03.0	C	1.1	17.5	
			IPPKP	35 14.9				
		LPB	IPKP	11 34 04	D	1.2	44.0	167.1
			PPKP	34 14.5				
			EL	12 33 00				
MAR	15	PNS	IP	13 19 05.3	D	0.3	13.5	
MAR	15	LPB	EP	13 53 41.5	C	1.0	38.0	4.5
			(S)	54 34				
		PNS	IP	13 53 43.6	D	0.6	14.1	4.9
			S	54 39.5				
MAR	15	LPB	P	14 19 05.5				
		PNS	IP	14 19 07.3	D	0.3	4.8	
MAR	15	LPB	EP	14 45 45		1.2	26.0	
MAR	15	USCGS	15 40 59.9, 26.2S, 28.0E, H = 33 Km, M = 4.6					
		UNION OF S AFRICA						
		PNS	P	15 53 43.3	C	0.6	7.8	
		LPB	EP	15 53 49				88.1
			I	53 53.2				
			EL	16 23 00				
MAR	15	LPB	EP	16 14 48.5				
		PNS	IP	16 14 52.2	C	0.9	20.3	
			I	15 14.5				
MAR	15	PNS	P	16 53 55.5		0.7	4.0	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	15	LPB	P	17 14 28				
		PNS	P	17 14 32.0	C	0.7	5.2	
						1.0	21.4	
MAR	15	USCGS	16 32 36, 25.1S, 179.8E, H = 504 Km, M = 4.2					
		S OF FIJI IS						
		LPB	EL	17 20 00				102.0
MAR	15	PNS	IP	21 21 43.3	D	0.4	3.4	2.2
			S	22 10				
MAR	15	PNS	IP	22 05 36.2	D	0.3	5.6	2.1
			(S)	06 01				
		LPB	P	22 05 38				
MAR	15	USCGS	23 09 33.9, 2.6S, 140.3E, H = 33 Km, M = 4.8					
		NR N C OF W NEW GUINEA						
		LPB	EPKP	23 29 14.5				
			EL	00 18 00				146.4
		PNS	PKP	23 29 14.5				
		CCH	EP	23 29 20.3		0.7	3.3	
MAR	15	USCGS	23 31 46.1, 24.4S, 140.3E, H = 33 Km, M = 4.8					
		TAIWAN REGION						
		LPB	P	23 51 54				
			(S)	53 22		1.1	27.6	167.2
		PNS	P	23 51 54.1	C			
			E	52 56		1.1	21.3	
		CCH	P	23 51 55.6				
MAR	16	CCH	EP	00 12 21.1				
		PNS	P	00 12 28.4				
			I	12 51.0				3.2
			(S)	13 06.6				
			E	13 20				
		LPB	P	00 12 36				
			I	12 46				
MAR	16	USCGS	00 08 19, 33.1N, 75.9E, H = 57 Km, M = 5.2					
		E KASHMIR						
		LPB	EPKP	00 27 41				
			EL	01 16 00				143.7
MAR	16	PNS	P	01 37 38.4				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	16	PNS	P	01 38 53.4				
			S	39 15.3				1.8
MAR	16	USCGS	04 34 35, 15.8N, 94.0W, H = 93 Km, M = 4.0					
			NR C OF CHIAPAS, MEXICO					
		LPB	EP	04 42 11				
			EL	54 00				41.2
MAR	16	CCH	EP	05 10 13.2				
MAR	16	PNS	IP	05 43 01.2				
			S	44 23.2				7.2
MAR	16	PNS	IP	07 04 28.4	D	0.3	7.7	
MAR	16	PNS	P	07 28 25.0				
MAR	16	LPB	P	07 42 15				
			(S)	42 57				3.6
		PNS	EP	07 42 16.5				
			S	43 07.5				4.4
MAR	16	USCGS	10 58 53.9, 6.2S, 149.1E, H = 56 Km, M = 5.0					
			NEW BRITAIN REGION					
		PNS	EPKP	11 18 14.4				
		LPB	EL	12 04 00				137.0
MAR	16	USCGS	12 13 02.4, 21.2S, 174.3W, H = 66 Km, M = 5.4					
			TONGA IS					
		LPB	EP	12 26 30				
			ES	37 13				98.2
			ESS	44 22				
			EL	58 00				
		PNS	EP	12 26 33.2				
			I	26 39.0				
			EPP	26 43.4				
MAR	16	LPB	EP	13 07 33				
		PNS	P	13 07 36.0	C	0.8	3.4	
MAR	16	USCGS	14 57 41, 3.S, 153.6E, H = 33 Km					
			NEW IRELAND REG					
		LPB	EL	16 02 00				134.2

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	16	PNS	P	16 04 13.7				
			S	04 37.9				2.0
MAR	16	PNS	IP	16 19 48.9	D			
			S	20 19.0				2.5
		LPB	IP	16 19 49.0				
			IS	20 18.0				2.4
MAR	16	LPB	EP	16 39 22				
		PNS	EP	16 39 26				
MAR	16	USCGS	16 57 37, 12.5N, 120.6E, H = 33 Km, M = 4.3					
			MINDORO, P. I.					
		LPB	EL	18 18 00				170.7
MAR	16	PNS	IP	17 22 16.0	D	0.2	15.3	
			S	22 40.6				2.1
MAR	16	USCGS	18 24 03.8, 36.9N, 121.5W, H = 2 Km, M = 4.7					
			CENTRAL CALIFORNIA					
		LPB	EP	18 34 52				
			EL	56 00				67.1
MAR	16	PNS	EP	19 03 46.5				
			S	04 20.2				2.9
MAR	16	LPB	EP	19 38 12				
		PNS	P	19 38 13.0				
MAR	16	PNS	EP	19 57 23				
		LPB	EP	19 57 27				
			EL	20 55 00				
		CCH	EP	19 57 30.2				
MAR	16	USCGS	20 38 23.5, 9.5N, 121.9E, H = 24 Km, M = 5.4					
			SULU SEA					
		LPB	PKP	20 58 31				
			SS	21 24 15		1.4	44.0	168.1
			EL	50 00				
		PNS	PKP	20 58 31.7				
			PPKP	58 41.9		1.4	20.2	
			SS	21 24 17				
		CCH	PKP	20 58 31.7				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	17	PNS	P	00 26 11.9				
MAR	17	CCH	EP	01 28 48.5				
		LPB	EP	01 28 54				
			S	29 13				1.5
			EL	38 00				
		PNS	P	01 28 55.4		0.7	2.0	1.8
			ES	29 18				
MAR	17	PNS	EP	02 45 45.4				
		LPB	EP	02 45 48				
MAR	17	CCH	EP	02 46 16.4				
MAR	17	USCGS	02 54 10, 1.7S, 12.9W, H = 33 Km, M = 4.9					
		N OF ASCENSION IS						
		CCH	EP	03 03 39.2				
		PNS	EP	03 03 51.4		0.9	3.6	
		LPB	EP	03 03 54				56.5
			EL	21 00				
MAR	17	CCH	P	04 15 27.4	D			
MAR	17	LPB	EP	04 16 05				
			E(S)	16 38.5				2.8
		PNS	EP	04 16 11.6				
			ES	16 46.8				3.0
MAR	17	USCGS	03 57 27, 2. N, 126.4E, H = 79 Km, M = 5.4					
		MOLUCCA PASSAGE						
		LPB	PKP	04 17 21		1.0	12.0	159.4
			PPKP	17 49				
			EL	05 12 00				
		PNS	PKP	04 17 22		1.3	14.2	
		CCH	PKP	04 17 22.9				
MAR	17	USCGS	05 44 50.5, 31.5N, 82.8E, H = 33 Km, M = 5.0					
		TIBET						
		LPB	EP	05 53 41				50.0
MAR	17	LPB	EP	06 04 28				
		PNS	EP	06 04 45				
MAR	17	PNS	P	07 11 36	D	0.3	1.9	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	17	CCH	P	08 02 59.4	D			
		LPB	P	08 03 03.5				
		PNS	P	08 03 07.0	D	0.5	3.8	1.3
			S	03 24				
MAR	17	USCGS	07 50 22, 14.5S, 172.8W, H = 33 Km, M = 4.4					
		SAMOA IS						
		LPB	P	08 03 03.5				
			I	03 21				99.0
			EL	37 00				
MAR	17	USCGS	08 07 20, 8.2S, 122.3E, H = 33 Km, M = 5.0					
		FLORES IS REG						
		LPB	PKP	08 27 11.5		1.0	10.0	153.3
			PPKP	27 18.2				
			EL	09 20 00				
		CCH	EPKP	08 27 18.2				
		PNS	EPKP	08 27 19.8		0.6	3.0	
MAR	17	USCGS	08 38 44, 9.4N, 122.1E, H = 80 Km					
		NEGROS, P. I.						
		PNS	PKP	08 58 46		1.1	7.2	
			EPPKP	58 57.7				
		LPB	PKP	08 58 46.2		1.0	8.0	167.5
			PPKP	58 57.5				
			EL	09 58 00				
		CCH	EPKP	08 58 46.4				
MAR	17	CCH	EP	10 08 25.4				
		LPB	P	10 08 26				
			(S)	09 24				5.0
		PNS	P	10 08 28.5		0.7	3.5	
			ES	09 20				4.2
MAR	17	USCGS	10 59 03, 19.4S, 70.6W, H = 48 Km, M = 4.3					
		NR C OF N CHILE						
		LPB	P	10 59 58.6		1.1	110.0	3.6
			IS	11 00 26.5				
		PNS	EP	10 59 59.0		1.2	24.1	
			IS	11 00 17				
			IL	00.9				
		CCH	EP	11 00 09.7	D			
MAR	17	USCGS	11 47 49, 41.8N, 111.4W, H = 38 Km, M = 4.5					
		UTAH						
		LPB	EP	11 59 06				
			EL	12 23 00				70.7

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	17	PNS	P	12 32 48.6				
MAR	17	USCGS	14 04 12, 8.7N, 103.7W, H = 33 Km, M = 4.2 OFF C OF MEXICO					
		LPB	EP	14 12 11		1.0	12.0	43.0
			ES	18 33				
			L	26 00				
		PNS	EP	14 12 11.4				
			ES	18 36				
			L	26 05				
MAR	17	USCGS	15 50 32.2, 21.1S, 179.2W, H = 626 Km, M = 6.2 FIJI IS REG					
		LPB	EP	16 03 27.5		0.8	14.0	103.0
			I	03 45				
			IPP	07 45.6				
			SKS	13 00				
			PCP	16 00				
			EL	39 00				
		PNS	EP	16 03 28.0		1.0	10.3	
			I	05 45.0				
			IPP	07 46				
			PPP	10 09				
			SKS	13 00				
			PCP	15 59.8				
			SS	22 02				
MAR	17	LPB	EP	16 19 21.5				
		PNS	EP	16 19 22.3		1.0	18.4	
			I	19 48.5				
MAR	17	LPB	EP	16 26 26.5				
		PNS	IP	16 26 27.8		0.4	12.3	2.3
			S	26 56				
MAR	17	PNS	EP	16 45 24.5		1.0	10.6	
		LPB	P	16 45 25		0.8	11.0	
MAR	17	PNS	IP	17 15 26.1	D	0.4	3.4	2.6
			S	15 58				
MAR	17	LPB	P	17 54 06				2.0
			S	54 30.2				
		PNS	EP	17 54 10.5		0.8	5.3	1.6
			E(S)	54 31				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	17	USCGS	19 38 11, 1.8N, 126.1E, H = 57 Km, M = 5.7 MOLUCCA PASSAGE					
		LPB	EL	20 52 00				156.8
MAR	17	CCH	EP	19 38 20.1				
		LPB	EP	19 38 33				
		PNS	EP	19 38 33.2		0.3	2.1	
MAR	17	PNS	P	20 13 05.9		0.6	1.2	
MAR	17	USCGS	22 25 18, 55. N, 161.6E, H = 33 Km, M = 4.6 NR E C OF KAMCHATKA					
		LPB	EPKP	22 44 14				
			EL	23 25 00				126.1
MAR	18	PNS	IP	01 08 02.9	D	0.3	2.5	
MAR	18	USCGS	01 10 26, 28.4N, 43.9W, H = 33 Km, M = 4.9 N ATLANTIC RIDGE					
		CCH	EP	01 19 21.4				
		LPB	P	01 19 22.6	C	1.5	73.0	50.5
			PP	19 32				
			EL	34.5				
		PNS	P	01 19 22.9	C	0.8	8.8	
MAR	18	PNS	EP	02 39 08.6				
			S	40 27.8		0.3	1.5	6.9
		LPB	EP	02 39 14.2				
			E(S)	40 26.5				6.3
		CCH	EP	02 39 26.6				
MAR	18	USCGS	04 59 28, 6.8N, 72.9W, H = 164 Km, M = 4.5 N COLOMBIA					
		LPB	EP	05 04 24				
		PNS	EP	05 04 56.6		0.8	2.2	24.3
MAR	18	CCH	EP	09 44 05.8				
MAR	18	USCGS	10 44 09, 29.8N, 69.9E, H = 33 Km, M = 4.4 W PAKISTAN					
		LPB	EP	10 52 28				
			EL	11 06 00				46.4

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	18	LPB	P	13 14 57.5		0.7	3.9	
		PNS	EP	13 15 14.6				3.9
			S	15 59.8				
MAR	18	USCGS 14 14 14, 51.8N, 174.7W, H = 56 Km, M = 4.7 ANDREANOF IS, ALEUTIAN IS						
		LPB	EPKP	14 32 40				113.2
			EL	15 07 00				
MAR	18	PNS	EP	15 58 26.5				
		LPB	EP	16 58 46.5				
MAR	18	USCGS 17 08 40, 11.3S, 66.4E, H = 33 Km, M = 5.0 MID-INDIAN RISE						
		LPB	EPKP	17 27 40				127.3
			L	18 09.5				
		PNS	EPKP	17 27 46.2				
MAR	18	USCGS 18 05 23.5, 43.7N, 127.3W, H = 33 Km, M = 4.6 OFF C OF OREGON						
		LPB	EP	18 17 33				80.9
			EL	44 00				
MAR	18	PNS	IP	19 00 02.1	C	0.3	4.2	2.0
			S	00 27.0				
MAR	18	USCGS 20 46 19.4, 20.7S, 169.7E, H = 78 Km, M = 5.1 NEW HEBRIDES IS						
		LPB	EPKP	21 04 52				112.1
			EL	38 00				
MAR	18	USCGS 23 37 06, 15. N, 93.6W, H = 33 Km, M = 4.2 NR C OF CHIAPAS, MEXICO						
		PNS	P	23 44 36.8		0.9	2.2	
		LPB	EP	23 44 37				40.5
MAR	19	LPB	EP	01 25 43				
		PNS	IP	01 25 45.0	C	0.8	1.2	4.3
			(S)	26 35				
MAR	19	USCGS 01 23 36.8, 44.2N, 129.2W, H = 33 Km, M = 4.6 OFF C OF OREGON						
		LPB	EP	01 35 40				82.3

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	19	USCGS 01 55 40, 50.4N, 177.7E, H = 33 Km, M = 4.1 RAT IS, ALEUTIAN IS						
		LPB	EPKP	02 14 25.5				
			EL	51 00				118.2
MAR	19	PNS	E(P)	04 34 25.6				
		CCH	EP	04 34 26				
		LPB	EP	04 34 28				
MAR	19	CCH	IP	06 23 48.9	D			
		LPB	IP	06 24 00.7	C	0.8	12.3	5.6
			S	25 04.5				
		PNS	IP	06 24 04.6	C	0.4	45.5	5.7
			IS	25 09.0				
MAR	19	USCGS 06 10 47, 57.7N, 153.0W, H = 2 Km, M = 4.6 KODIAK IS REG						
		LPB	IP	06 24 00.8	C	0.9	3.5	101.3
MAR	19	LPB	P	08 27 20				
		PNS	P	08 27 21.2		0.8	5.3	1.5
			(S)	27 40.3				
		CCH	EP	08 27 21.4				
MAR	19	USCGS 08 11 40, 43.3N, 145.8E, H = 11 Km, M = 5.6 HOKKAIDO, JAPAN REG						
		LPB	EPKP	08 31 08				
			EL	09 18 00				140.9
		PNS	EPKP	08 31 11				
		CCH	EPKP	08 31 11.0				
MAR	19	USCGS 09 33 43.2, 62.3N, 151.2W, H = 82 Km, M = 4.3 CENTRAL ALASKA						
		PNS	EP	09 47 21.4				
		LPB	EP	09 47 27				101.6
MAR	19	PNS	P	11 13 31.1		0.3	5.8	7.8
			S	14 59				
MAR	19	USCGS 13 42 27.2, 9.4S, 159.2E, H = 33 Km, M 5.4 SOLOMON IS						
		PNS	EPKP	14 01 30.8		1.5	8.3	
		LPB	EPKP	14 01 31		1.2	110.0	126.8
			EL	14 41 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	19	USCGS	14 02 12.8, 27.6N, 115.0W, H = 33 Km, M = 5.4					
			BAJA CALIFORNIA					
		LPB	EP	14 12 39				63.0
			ES	21 08				
			EL	33 00				
		PNS	EP	14 12 40		1.6	20.8	
			S	21 09				
MAR	19	USCGS	14 21 55.3, 33.2N, 116.2W, H = 16 Km, M = 4.5					
			S CALIFORNIA					
		LPB	EP	14 32 49				67.5
			EL	53 00				
MAR	19	USCGS	14 51 49.4, 52.7S, 19.8E, H = 12 Km, M = 5.2					
			SW OF AFRICA					
		LPB	EP	15 03 28		1.0	6.0	74.8
			L	28.2				
		PNS	EP	15 03 40.5		0.8	4.0	
			S	13 46				
MAR	19	USCGS	14 59 37, 23.8N, 122.5E, H = 42 Km, M = 5.7					
			TAIWAN REGION					
		LPB	EPKP	15 19 43				167.8
			EL	16 19 00				
		PNS	EPKP	15 19 46				
MAR	19	CCH	EP	15 43 16.5				
		LPB	EP	15 43 38				
MAR	19	USCGS	16 29 10.3, 24.4S, 179.9E, H = 510 Km, M = 4.8					
			S OF FIJI IS					
		LPB	EL	17 17 00				102.3
MAR	19	PNS	P	16 42 43.0		0.5	1.7	
MAR	19	LPB	EP	17 20 50				
		PNS	IP	17 20 51.2	C	0.4	5.7	
			E	24 16.7				
MAR	19	LPB	EP	17 22 19				
		PNS	P	17 22 21.8	C	0.9	17.1	
			I	24 16.9				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	19	USCGS	17 16 40.9, 52.7S, 19.9E, H = 33 Km, M = 5.4					
			SW OF AFRICA					
		LPB	P	17 28 25.6		2.6	550.0	76.4
			EPP	31 13				
			ES	38 11				
			SS	43 19				
			EG	48 00				
			L	53.4				
		PNS	IP	17 28 28.4	D	2.7	395.2	
			PP	31 20				
			IS	38 22				
			ISS	43 28				
			G	47.1				
			L	52.9				
MAR	19	PNS	P	17 54 27.7		0.9	7.2	
MAR	19	LPB	IP	21 42 14.2	D	1.0	112.0	5.2
			S	43 14.4				
		PNS	IP	21 42 18.6	D	0.3	9.6	5.5
			S	43 22.0				
MAR	19	USCGS	22 44 20, 12.3S, 167.2E, H = 41 Km, M = 4.6					
			SANTA CRUZ IS					
		LPB	EPKP	23 03 08				
			EL	40 00				118.4
MAR	19	PNS	EP	23 54 43				
			E	55 21				
		LPB	EP	23 55 20.5				
MAR	20	USCGS	01 42 49.9, 6N, 30.2E, H = 36 Km, M = 6.1					
			UGANDA					
		PNS	EP	01 56 27.1		1.1	8.2	
			I	56 30.6				
			IPP	02 00 40.0				
			S	07 18				
			PS	09 28				
			ESS	14 50				
		LPB	IP	01 56 28	C	1.8	229.9	100.0
			PP	02 00 22.6				
			S	07 13				
			PS	09 00.5				
			G	22.7				
			L	28.8				
MAR	20	USCGS	02 39 40, 1.1N, 29.9E, H = 11 Km, M = 5.5					
			REPUBLIC OF THE CONGO					
		LPB	EP	02 53 26				
		PNS	P	02 53 27				97.8

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	20	USCGS	03 22 48, 1.N, 29.8E, H = 33 Km, M = 5.1 REPUBLIC OF THE CONGO					
		LPB	EP	03 36 17				97.8
MAR	20	LPB	EP	04 15 53.5				
		PNS	EP	04 15 56.4				
MAR	20	PNS	EP	06 09 25.4		0.8	5.7	
		LPB	P	06 09 25.7				
MAR	20	USCGS	07 47 50.2, 17. S, 174.3W, H = 117 Km, M = 5.7 TONGA IS					
		PNS	EP	08 01 15				
			IPP	05 30.2				
			IS	11 59.0				
		LPB	EP	08 01 15.5				99.8
			PP	05 31.6				
			S	11 56				
			L	34.7				
		CCH	EP	08 01 22.9				
MAR	20	USCGS	08 55 35.5, 8.N, 29.8E, H = 12 Km, M = 5.3 REPUBLIC OF THE CONGO					
		LPB	EP	09 09 18				100.1
MAR	20	USCGS	09 04 31.8, 21. S, 174.5W, H = 95 Km, M = 5.2 TONGA IS					
		LPB	EP	09 17 41				98.6
			EPP	22 08				
			SKS	28 44				
			SS	35 34				
			L	50.5				
		PNS	EP	09 18 01				
			EPP	22 10				
			E	22 36.0				
			IS	28 53.0				
			PS	31 04				
			SS	36 24				
			L	50.6				
MAR	20	USCGS	10 00 41.7, 7.2S, 105.6E, H = 33 Km, M = 5.0 JAVA					
		LPB	EPKP	10 20 15		1.0	4.0	155.2
			EL	11 15 00				
		PNS	EPKP	10 20 36.9				
			I	20 50.6				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	20	USCGS	11 31 20.4, 5. N, 127.4E, H = 152 Km, M = 5.0 PHILIPPINE IS REG					
		LPB	EPKP	11 51 02				
			EL	12 48 00				160.5
MAR	20	LPB	EP	15 45 15.5				
			E	45 31				
MAR	20	USCGS	16 26 31, 14.5N, 94.0W, H = 33 Km, M = 4.4 NR C OF CHIAPAS, MEXICO					
		PNS	EP	16 34 01.3		1.0	10.0	
		LPB	EP	16 34 05				
			EL	46 00				40.4
MAR	20	USCGS	17 27 12.6, 13.2N, 124.9E, H = 33 Km, M = 5.0 LUZON, P. I.					
		PNS	EPKP	17 48 24.3		0.9	5.2	
			PPKP	48 35				
		LPB	EPKP	17 48 25		1.0	4.0	167.1
			PPKP	48 35				
			PKP2	49 31				
			EL	18 45 00				
MAR	20	USCGS	18 09 09.5, 12.3S, 167.4E, H = 57 Km, M = 5.4 SANTA CRUZ IS					
		LPB	EPKP	18 27 43.5				
			L	19 05.4				118.2
MAR	20	PNS	P	19 29 22.6				
MAR	20	LPB	EP	19 50 17		1.2	15.6	
MAR	20	LPB	EL	21 45 00				
MAR	20	USCGS	21 50 00, 71.8N, 2.5W, H = 33 Km, M = 4.8 JAN MAYEN IS REG					
		LPB	EP	22 03 51				
			EL	39 00				99.7
MAR	20	PNS	IP	22 03 50.0	D	0.3	62.0	1.9
			S	04 13				
		LPB	P	22 03 51		0.7	26.0	1.9
			S	04 14.5				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	20	LPB	P	23 55 03.5				
		PNS	EP	23 55 04.6				
MAR	21	PNS	IP	00 01 35.9	D	0.5	59.4	2.4
			S	02 03.8				
		LPB	IP	00 01 37.5	D	1.0	270.0	2.3
			(S)	02 04.5				
MAR	21	USCGS	00 02 55.6, 23.8N, 122.9E, H = 33 Km, M = 4.9					
		TAIWAN REGION						
		LPB	EPKP	00 23 00				167.2
MAR	21	USCGS	01 30 41.6, 8N, 30.0E, H = 33 Km, M = 5.2					
		UGANDA						
		LPB	EP	01 44 04				
			EL	02 19 00				
		PNS	EP	01 44 26.3				100.2
MAR	21	LPB	E(P)	02 22 20				
		PNS	EP	02 22 22.5				
MAR	21	USCGS	06 29 01, 26.1N, 129.1E, H = 33 Km, M = 5.5					
		RYUKYU IS						
		PNS	EPKP	06 49 02.4				
			I	49 43.6		1.6	26.2	
		LPB	EP	06 49 03				
			S	49 45.2				160.8
MAR	21	LPB	P	06 53 27				
			I	54 06.0				
		PNS	IP	06 54 10.0	C	0.5	7.2	
		CCH	P	06 54 14.6				
MAR	21	PNS	IP	07 29 16.0	D	0.3	9.3	
		LPB	P	07 29 17.3				
MAR	21	USCGS	07 54 20, 20.5S, 176.3W, H = 249 Km, M = 4.4					
		FIJI IS REG						
		LPB	EP	08 07 37.5				
			EL	43 00				100.3
MAR	21	CCH	P	09 24 02	D			
		LPB	EP	09 24 42				
			S	25 11				2.4
		PNS	EP	09 24 44				
			S	25 22				3.2

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	21	USCGS	09 23 53.2, 8N, 30.0E, H = 33 Km, M = 4.8					
		UGANDA						
		CCH	EP	09 37 03.6				
		LPB	EP	09 37 35				
			EL	10 11 00				100.2
		PNS	P	09 37 35.3				
MAR	21	PNS	P	12 42 34				
			IS	42 57.8				2.0
MAR	21	USCGS	13 26 10.5, 21.1S, 68.7W, H = 133 Km, M = 5.2					
		CHILE-BOLIVIA BOR REG						
		CCH	P	13 27 16.7	C			
		LPB	IP	13 27 20.5	C	0.7	221.0	4.7
			ES	28 11				
		PNS	IP	13 27 23.8	C			
			IS	28 20				
MAR	21	LPB	EP	14 05 14				
		PNS	EP	14 05 14		0.9	11.0	
MAR	21	USCGS	14 28 11, 3.3N, 84.1W, H = 33 Km, M = 4.6					
		OFF C OF CENTRAL AMERICA						
		PNS	EP	14 33 33.3				
			S	38 03.0		1.0	11.1	
		LPB	EP	14 33 38				
			ESS	38 30		1.4	28.0	24.7
			L	43.5				
MAR	21	USCGS	14 53 57, 3.3N, 84.3W, H = 33 Km, M = 4.4					
		OFF C OF CENTRAL AMERICA						
		PNS	P	14 59 10.2	C	1.0	22.5	
		LPB	EP	14 59 23.5				24.8
MAR	21	LPB	EP	15 09 28				
MAR	21	USCGS	16 00 21.7, 2.6S, 140.3E, H = 16 Km, M = 5.5					
		NR N C OF WEST NEW GUINEA						
		LPB	EPKP	16 20 05.0				
			PKP2	20 08.5		1.0	74.0	146.0
			L	17 09 00				
		PNS	IPKP	16 20 05.2	C	1.4	173.2	
MAR	21	USCGS	17 58 38, 47.4N, 154.2E, H = 33 Km, M = 4.5					
		KURILE IS						
		LPB	EPKP	18 17 59				133.7

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	21	USCGS	19 44 14, 2.8S, 140.5E, H = 33 Km, M = 4.9					
			NR N C OF WEST NEW GUINEA					
		CCH	P	20 03 51.8				
		PNS	IPKP	20 03 55.0	C	1.0	22.5	
		LPB	PKP	20 03 56.0	C	0.9	32.2	145.8
			EL	53 00				
MAR	21	USCGS	20 37 37.4, 21.8N, 121.1E, H = 53 Km, M = 4.8					
			TAIWAN REGION					
		CCH	EPKP	20 57 15.4				
		LPB	EPKP	20 57 43				169.5
			EL	21 58 00				
MAR	21	USCGS	22 33 34, 1.4S, 134.6E, H = 33 Km					
			W NEW GUINEA REGION					
		LPB	P	22 53 25.2		1.1	4.6	151.1
			PPKP	53 40.5				
		PNS	IPKP	22 53 25.6	D	0.8	10.2	
MAR	21	USCGS	22 51 15, 3.7N, 122.8E, H = 535 Km					
			CELEBES SEA					
		CCH	EPKP	23 10 05.9				
		LPB	EPKP	23 10 15				162.5
			EL	00 07 00				
MAR	21	LPB	EP	23 18 56				
		PNS	IP	23 18 57.0	C	0.8	8.2	
MAR	22	USCGS	03 41 51, 13.4N, 90.0W, H = 33 Km, M = 4.7					
			EL SALVADOR					
		LPB	EP	03 43 10				19.0
MAR	22	PNS	IP	05 11 15.4	C	1.0	118.2	4.1
			S	12 04				
		LPB	IP	05 11 20.2	C	0.8	52.0	4.0
			I(PG)	11 24.5				
			ES	12 07				
		CCH	P	05 11 34.3				
MAR	22	PNS	P	05 18 33.2		0.8	11.5	
MAR	22	LPB	IP	07 44 32.0	D	1.0	18.0	2.3
			S	45 00.2				
		PNS	IP	07 44 33.2	D	0.5	40.2	2.4
			IS	45 02.6				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	22	USCGS	07 52 49, 10.1N, 148.1E, H = 56 Km, M = 4.7					
			CAROLINE IS REG					
		PNS	IPKP	08 12 20.6	C	0.8	21.0	
		LPB	PKP	08 12 21.5	C	1.0	22.0	144.1
MAR	22	USCGS	08 11 33.7, 37.5N, 115.0E, H = 11 Km, M = 6.0					
			NE CHINA					
		LPB	EPKP	08 31 35		1.6	48.5	159.0
			PPKP	32 10				
			SS	55 46				
			L	27.3				
		PNS	PKP	08 31 35.6		2.0	78.2	
			PPKP	31 46.4				
			PP	35 45				
			SS	56 06				
MAR	22	USCGS	08 19 33.8, 37.5N, 115.1E, H = 33 Km, M = 6.0					
			NE CHINA					
		PNS	EPKP	08 39 32.8		2.0	82.0	
			PPKP	40 43.0				
			I	40 10.0				
			PKS	43 10.0				
			PP	43 52.0				
			SKS	46 35				
			ISS	09 03 32.0				
		LPB	EPKP	08 39 33		1.5	47.0	159.0
			I	39 37.5				
			IPPKP	40 10.5				
			PP	43 49				
			SKS	46 37				
			SS	09 03 47				
			G	24.3				
			L	34.6				
MAR	22	USCGS	08 45 52, 37.3N, 115.1E, H = 40 Km, M = 5.8					
			NE CHINA					
		LPB	EPKP	09 05 49				159.1
		PNS	EPKP	09 05 49.4		1.8	36.2	
			E	06 23				
MAR	22	PNS	EP	10 16 37.7				
		LPB	EP	10 16 45				
MAR	22	USCGS	11 08 40, 38.1N, 115.0E, H = 33 Km, M = 5.3					
			NE CHINA					
		LPB	EPKP	11 28 39				158.5
		PNS	EPKP	11 28 39.9		1.5	37.7	
			E	29 07.4				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	22	PNS	EP	11 38 14				4.6
			S	39 06.7				
		LPB	EP	11 38 22				
MAR	22	USCGS	12 08 06, 37.9N, 114.9E, H = 33 Km, M = 4.8					
		NE CHINA						
		PNS	EPKP	12 28 04				
		LPB	EL	13 23 00				158.5
MAR	22	PNS	IP	12 40 42.1	C	.12	32.1	
		LPB	EP	12 40 43				
MAR	22	LPB	IP	18 11 10.6		0.9	39.0	2.1
			IS	11 35.5				
		CCH	IP	18 11 26.2	D			
MAR	22	LPB	IP	18 36 12.3	C	0.8	63.0	
MAR	22	USCGS	18 59 51, 19.7S, 62.5W, H = 99 Km, M = 3.7					
		N CHILE						
		LPB	EP	18 59 54.5				3.6
			S	19 00 36.2				
		CCH	EP	18 59 59.6				
MAR	23	USCGS	00 04 34.7, 23.8N, 122.8E, H = 51 Km, M = 6.3					
		TAIWAN REGION						
		LPB	PKP	00 24 39.8	C	1.7	323.0	167.3
			I(PPKP)	25 43.3				
			PP	29 30				
			SKS	31 10				
			SS	50 15				
			EL	01 13 00				
		CCH	EPKP	00 25 51.2				
MAR	23	USCGS	01 06 56, 27.1N, 140.4E, H = 450 Km, M = 4.2					
		BONIN IS REG						
		LPB	EPKP	01 25 38				151.3
			ESS	49 36				
			EL	02 18 00				
MAR	23	USCGS	03 24 25, 38.2S, 72.6W, H = 74 Km, M = 4.2					
		CENTRAL CHILE						
		LPB	EP	03 29 03		1.1	11.0	21.7
			ES	33 35				
			EL	35.5				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	23	USCGS	04 11 36.1, 38.1S, 73.6W, H = 33 Km, M = 5.3					
		NR C OF CENTRAL CHILE						
		CCH	P	04 16 27.6				
		LPB	IP	04 16 31	C	1.2	91.0	21.6
			PP	17 15				
			IS	20 37.5				
			SS	21 12				
			EL	22.8				
MAR	23	USCGS	05 11 32.5, 16.8N, 85.9W, H = 33 Km, M = 5.3					
		CARIBBEAN SEA						
		LPB	EP	05 18 47				
			EL	30 00		1.0	6.0	37.6
MAR	23	LPB	EP	05 38 47.5				
MAR	23	USCGS	06 10 11, 6.5S, 79.3W, H,= 33 Km, M = 3.9					
		NR C OF N PERU						
		LPB	EP	06 13 43		0.7	7.8	14.3
			EL	17 00				
MAR	23	LPB	P	06 29 31.5		1.5	15.6	
			EL	47 00				
MAR	23	USCGS	07 15 08, 57.9N, 149.6W, H = 33 Km					
		GULF OF ALASKA						
		CCH	EP	07 28 12.1				
		LPB	EP	07 28 41				
			EL	08 02 00				99.5
MAR	23	CCH	P	08 48 23.3	C			
MAR	23	USCGS	08 01 13.3, 21.5S, 174.0W, H = 33 Km, M = 4.9					
		TONGA IS						
		LPB	EL	08 58 00				97.8
MAR	23	USCGS	11 20 30, 32.8S, 178.5W, H = 44 Km, M = 4.8					
		S OF KERMADEC						
		LPB	EP	11 33 41				
			EL	12 06 00				97.3
MAR	23	USCGS	17 28 01.5, 37.5N, 115.0E, H = 33 Km, M = 5.2					
		NE CHINA						
		LPB	EPKP	17 48 02				
			EL	18 43 00				158.9

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	23	USCGS	19 00 59.4, 8.6N, 82.5W, H = 66 Km, M = 4.9					
			PANAMA-COSTA RICA BOR REG					
		LPB	EP	19 06 58				28.8
			EL	15 00				
MAR	23	LPB	EP	20 06 35		0.9	10.2	
		CCH	EP	20 06 39.3				
MAR	23	LPB	IP	21 15 40.5	D	1.0	26.0	
MAR	23	USCGS	21 57 09.6, 7.3S, 74.8W, H = 137 Km, M = 5.3					
			PERU-BRAZIL BOR REG					
		LPB	IP	21 59 46.5	D	0.9	11.0	11.2
			(S)	22 03 05.5				
MAR	23	LPB	EP	23 44 27		1.0	8.0	
MAR	24	LPB	P	01 18 01	C	1.1	34.5	
MAR	24	USCGS	03 22 20, 52.8N, 171.9E, H = 33 Km, M = 4.6					
			NR IS ALEUTIAN IS					
		LPB	EPKP	03 41 15				121.4
MAR	24	USCGS	04 04 55.5, 21.5S, 176.4W, H = 191 Km, M = 5.2					
			FIJI IS REG					
		LPB	EP	04 18 16				100.0
			EL	52 00				
MAR	24	USCGS	07 24 52, 33. S, 109.0W, H = 33 Km, M = 5.0					
			E IS CORDILLERA					
		LPB	EP	07 32 23				40.1
			S	38 38				
			L	44.0				
MAR	24	USCGS	08 24 04, 37. N, 107.0W, H = 5 Km					
			NEW MEXICO					
		LPB	EP	08 34 52				64.8
			EL	55 00				
MAR	24	USCGS	08 27 51.3, 13.7S, 166.8E, H = 43 Km, M = 5.2					
			NEW HEBRIDES IS					
		LPB	EPKP	08 46 36		1.0	4.0	118.0
			EL	09 24 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	24	LPB	P	08 50 12.0	D	1.0	10.0	
MAR	24	LPB	EP	09 37 18		1.0	6.0	
MAR	24	USCGS	11 10 50, 12.3S, 167.3E, H = 50 Km, M = 4.9					
			SANTA CRUZ IS					
		LPB	EL	12 07 00				118.0
MAR	24	LPB	EP	12 50 53		0.7	32.0	7.5
			S	52 18				
		CCH	EP	12 51 00				
MAR	24	USCGS	13 03 40.2, 2.6S, 140.4E, H = 13 Km, M = 5.0					
			NR N C OF WEST NEW GUINEA					
		LPB	EPKP	13 23 20				146.4
			IPKP2	23 24.0				
			EL	14 12 00				
MAR	24	USCGS	14 17 30, 9.9S, 78.6W, H = 59 Km, M = 4.5					
			NR COAST OF N PERU					
		LPB	EP	14 20 25				12.1
			IPP	20 37				
			EL	23 00				
MAR	24	LPB	EP	15 42 03		0.6	12.0	
MAR	24	USCGS	20 02 30.6, 9.2S, 113.5E, H = 75 Km, M = 5.0					
			S OF JAVA					
		LPB	EPKP	20 22 20				154.7
			IPKP2	22 40				
			EL	21 15 00				
MAR	24	LPB	P	23 03 36.2	C	1.0		
MAR	25	LPB	EP	01 11 17		0.7	5.2	
MAR	25	PNS	IP	01 20 06.1	C	0.3	1.2	1.6
			S	20 27				
MAR	25	USCGS	01 15 12, 62.6N, 151.0W, H = 106 Km, M = 4.4					
			CENTRAL ALASKA					
		LPB	EP	01 28 51				101.4
			EL	02 03 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	25	PNS	S	00 49 22		0.6	30.1	
		LPB	P	01 48 20.5	D	1.0	15.0	4.7
			S	49 15				
MAR	25	LPB	P	04 53 03				
MAR	25	CCH	EP	05 28 12.1				
MAR	25	LPB	P	05 46 43.8	C	1.3	25.0	
MAR	25	USCGS	06 33 23, 37.6N, 115.2E, H = 33 Km, M = 4.6					
		NE CHINA						
		LPB	EL	07 39 00				
MAR	25	PNS	IP	06 50 26.7	D	0.4	2.5	2.8
			S	50 59.6				
		LPB	P	06 50 26.8				2.7
			S	50 59				
MAR	25	LPB	EP	08 06 13				
		PNS	IP	08 06 16.6	C	0.5	1.4	
MAR	25	USCGS	08 56 46, 2. S, 199.0E, H = 51 Km, M = 5.4					
		NR N C OF WEST NEW GUINEA						
		LPB	EPKP	09 06 25				147.6
			EL	10 07 00				
MAR	25	PNS	EP	09 16 28				
		LPB	EP	09 16 30				
MAR	25	LPB	P	09 26 12.8		0.8	19.6	
MAR	25	USCGS	11 17 59, 8.1S, 121.8E, H = 33 Km, M = 4.9					
		FLORES IS REG						
		LPB	EPKP	11 37 49				153.6
		PNS	EP	11 37 53.8		0.6	1.3	
MAR	25	TRJ	IP	13 04 01.4	C			
		CCH	IPKP	13 04 05				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	25	USCGS	12 54 55.7, 51.5N, 179.6W, H = 33 Km, M = 4.9					
		ANDREANOF IS, ALEUTIAN IS						
		LPB	EL	14 15 00				169.7
MAR	25	USCGS	12 56 23.7, 58.8S, 25.2W, H = 24 Km, M = 4.8					
		SANDWICH IS REG						
		LPB	EP	13 05 36.5		0.8	8.4	52.5
			EL	21 00				
MAR	25	USCGS	13 34 27.6, 12.5S, 167.9E, H = 57 Km, M = 4.9					
		SANTA CRUZ IS						
		LPB	EPKP	13 53 11				117.5
			EL	14 30 00				
MAR	25	LPB	EP	13 55 15				
		PNS	EP	13 55 15.0		0.7	0.7	
MAR	25	USCGS	13 49 49.3, 8 N, 30.5E, H = 33 Km, M = 4.6					
		UGANDA						
		LPB	EL	14 39 00				100.9
MAR	25	USCGS	15 30 34, 15.6N, 93.6W, H = 34 Km, M = 4.0					
		NR C OF CHIAPAS, MEXICO						
		LPB	EL	15 50 00				40.6
MAR	25	LPB	EP	15 52 56				
		PNS	EP	15 52 59.4		0.9	8.2	3.9
			S	53 46				
MAR	25	USCGS	21 57 37.7, 8 N, 30.5E, H = 33 Km,					
		UGANDA						
		LPB	EP	22 11 25				100.9
			EL	45 00				
MAR	25	USCGS	21 59 26.4, 56.6N, 135.4W, H = 22 Km, M = 4.7					
		SE ALASKA						
		LPB	EP	22 12 29				91.9
		PNS	E(P)	22 12 31				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	25	LPB	P	22 24 35		1.2	18.0	2.1
			(S)	25 00				
		PNS	EP	22 24 38		1.0	17.4	2.2
			S	25 04.2				
MAR	25	USCGS	23 17 20, 38.9N, 39.1W, H = 33 Km, M = 4.4					
		TURKEY						
		LPB	EL	00 09 00				106.7
MAR	26	CCH	EP	00 28 24.5				
		LPB	P	00 28 49.5				
		PNS	EP	00 28 52		0.8	2.2	
MAR	26	USCGS	02 14 09, 6.9N, 73.0W, H = 151 Km, M = 4.6					
		NE COLOMBIA						
		LPB	P	02 19 01		0.9	22.1	23.0
			I	19 09				
			PP	19 30.5				
			EL	25 00				
		PNS	EP	02 19 04.5		0.5	12.3	
			IPP	19 39.4				
			S	23 05.4				
MAR	26	TRJ	P	04 29 56.5	C			
MAR	26	LPB	EP	05 45 14				
		PNS	EP	05 45 14.5		0.5	1.8	
MAR	26	PNS	IP	05 57 15.5	D	0.3	32.8	2.1
			S	57 41.0				
		LPB	IP	05 57 17		1.0	31.0	
MAR	26	TRJ	P	06 27 15.8	D			3.3
			IS	27 55.2				
		LPB	EP	06 27 28				
		PNS	EP	06 27 30.1		0.7	5.8	
MAR	26	USCGS	09 42 17.8, 18.5S, 26.2E, H = 16 Km, M = 5.2					
		S RHODESIA						
		TRJ	P	09 54 55.7	C			
		PNS	EP	09 55 08				
			PP	55 17.3				
		LPB	EP	09 55 09				88.8
			EL	10 25 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	26	LPB	E(P)	10 02 08.5				4.3
			S	02 59				
		PNS	P	10 02 15.0		0.3	1.5	
MAR	26	USCGS	10 47 20, 43.8N, 128.0W, H = 33 Km, M = 4.6					
		OFF C OF OREGON						
		LPB	EP	10 59 35				81.5
			EL	11 27 00				
		PNS	EP	10 59 37				
MAR	26	USCGS	12 29 55, 63.1N, 24.3W, H = 33 Km, M = 4.7					
		ICELAND REGION						
		CCH	EP	12 42 01.0				
		LPB	EP	12 42 35				86.5
		PNS	EP	12 42 36				
			PP	42 47				
MAR	26	USCGS	13 36 48, 50.9N, 175.9E, H = 44 Km, M = 4.5					
		RAT IS ALEUTIAN IS						
		LPB	EL	14 31 00				113.7
MAR	26	LPB	EP	14 03 43				
		PNS	EP	14 03 45.4				
MAR	26	LPB	P	14 14 20				
MAR	26	USCGS	14 09 06.3, 19.8N, 120.7E, H = 12 Km, M = 5.2					
		PHILIPPINE IS REG						
		LPB	EPKP	14 29 19				171.1
			PPKP	29 29				
			EL	15 30 00				
		PNS	EPKP	14 29 19.6		1.3	32.2	
			PPKP	29 29.2				
MAR	26	CCH	P	14 38 32.1	D			
MAR	26	TRJ	IP	14 56 53.7	D			
MAR	26	USCGS	15 14 34, 37.8N, 114.9E, H = 33 Km, M = 4.8					
		NE CHINA						
		LPB	EPKP	15 35 31				158.5
			L	16 30 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	26	USCGS	15 19 03.2, 37.6N, 115.2E, H = 33 Km, M = 5.5					
		NE CHINA						
		LPB	EPKP	15 39 10				158.7
			I	39 34.7				
			ESS	16 02 42				
			EL	24 00				
		TRJ	EPKP	15 39 10.5				
MAR	26	USCGS	18 14 23, 37.7N, 114.9E, H = 33 Km, M = 4.9					
		NE CHINA						
		LPB	EPKP	18 34 23				158.7
MAR	26	USCGS	20 17 33, 39.1N, 21.7E, H = 33 Km, M = 4.4					
		GREECE						
		LPB	EL	21 05 00				100.4
MAR	26	USCGS	22 13 22.2, 5.7S, 149.3E, H = 110 Km, M = 5.0					
		NEW BRITAIN REGION						
		PNS	EPKP	22 32 23				
			I	32 36.0				
			E	33 18.4				
			PKS	36 02.6				
		LPB	EPKP	22 32 35		1.2	18.0	137.1
			PKS	36 05				
			EL	23 18 00				
MAR	26	TRJ	IP	22 35 41.6	C			
MAR	26	USCGS	22 41 31, 18.7S, 174.5W, H = 162 Km, M = 4.2					
		TONGA IS						
		LPB	EL	23 28 00				
MAR	27	TRJ	P	01 18 19.1				2.6
			S	18 50.9	C			
MAR	27	USCGS	01 32 21, 37. S, 70.3W, H = 144 Km, M = 4.0					
		CHILE-ARGENTINA BOR REG						
		LPB	EP	01 36 45.5				20.3
			I	36 51.0				
			EL	42 00				
		PNS	EP	01 36 53.4		0.9	3.5	
MAR	27	LPB	P	02 18 57.5		1.0	18.0	
		PNS	IP	02 18 58.0	D	0.9	19.3	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	27	LPB	EP	02 30 14				
		PNS	EP	02 30 17.4				
MAR	27	PNS	EP	02 45 02				
			IS	45 30.0				2.3
		LPB	P	02 45 04.5				
			S	45 35				2.5
MAR	27	LPB	EP	03 10 46				
		PNS	IP	03 10 52.0	D	0.3	5.2	
MAR	27	LPB	EP	03 51 18				
		CCH	EP	03 51 34.8				
MAR	27	LPB	P	04 02 12.5		1.3	14.0	
			EL	24 00				
		PNS	P	04 02 16.2		1.3	17.4	
MAR	27	TRJ	IP	04 06 38.1	D			
			IS	07 09.3				2.6
		PNS	IP	04 07 22.3	C	0.3	12.2	
MAR	27	USCGS	04 24 09.4, 25. N, 122.3E, H = 79 Km, M = 4.7					
		TAIWAN REGION						
		CCH	EP	04 44 04.8				
		PNS	EP	04 44 07				
		LPB	EP	04 44 07.5				
MAR	27	TRJ	P	05 33 07.3	D			
			S	33 47.1				3.4
		CCH	EP	05 33 24.8				
MAR	27	CCH	P	05 39 32.5	D			
MAR	27	USCGS	05 43 51.1, 55.4S, 1.5W, H = 33 Km, M = 5.1					
		BOUVET IS REG						
		TRJ	P	05 53 41.1	C			
		LPB	P	05 54 19.3	C	1.5	104.0	63.2
			L	06 13.8				
		PNS	P	05 54 22.0		1.5	132.2	
MAR	27	LPB	EP	06 25 53				
		PNS	IP	06 25 57.0	C	1.0	12.2	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	27	TRJ	P	07 13 30.6	C			
		CCH	P	07 13 30.9	C			
		LPB	P	07 14 14		0.9	10.0	
			E	14 20				
			EL	34 00				
		PNS	P	07 14 17.3	D	1.0	16.2	
			I	14 30.3				
MAR	27	TRJ	P	07 40 31.4	C			
		CCH	P	07 40 40.9	C			
		LPB	EP	07 41 16				
		PNS	P	07 41 20.4		0.7	14.4	
MAR	27	TRJ	P	08 03 12.8	D			
		CCH	P	08 03 26.7	C			
MAR	27	TRJ	IP	09 27 13.8	C			2.4
			IS	27 43.6				
MAR	27	CCH	P	10 27 16.5	D			
		PNS	P	10 27 35.4		0.3	4.3	
MAR	27	LPB	IP	10 40 52.7	C			3.3
			S	41 31.5				
		CCH	IP	10 40 55.5	C			
		PNS	IP	10 40 55.9	C	0.7	186.2	3.1
			S	41 32.0				
		TRJ	IP	10 41 06.6	D			
MAR	27	USCGS	10 38 58.9, 11.4S, 166.6E, H = 190 Km, M = 4.9					
		SANTA CRUZ IS						
		CCH	EPKP	10 47 20.7				
		LPB	EPKP	10 47 23				119.3
			EL	11 15 00				
MAR	27	CCH	EP	11 15 21.8				
		LPB	EP	11 15 58				
		PNS	EP	11 16 00				
MAR	27	USCGS	13 27 13, 5.4N, 124.7E, H = 376 Km, M = 4.9					
		MINDANAO, P.I.						
		LPB	EPKP	13 46 29				163.5
MAR	27	PNS	IP	14 12 46.6	D	1.0	10.2	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	27	USCGS	14 53 33.9, 23.7S, 66.8W, H = 201 Km, M = 4.8					
		JUJUY PROVINCE, ARGENTINA						
		TRJ	IP	14 54 24.4	D			
		LPB	IP	14 55 19.0	D	0.8	20.4	7.2
			S	56 35.5				
		PNS	IP	14 55 23.0	D			
			S	56 45				
MAR	27	USCGS	15 44 43.5, 60.4N, 146.1W, H = 13 Km, M = 4.1					
		S ALASKA						
		LPB	EL	16 32 00				
MAR	27	USCGS	18 53 41.3, 8.9N, 83.4W, H = 40 Km, M = 5.6					
		COSTA RICA						
		PNS	EP	18 59 40.0		0.8	3.2	
			PP	59 50,0				
			I	19 00 47				
			S	04 40.0				
		LPB	EP	18 59 45				29.7
			S	04 48				
			L	08.6				
MAR	27	PNS	P	19 34 02.8		0.5	2.1	
MAR	27	USCGS	21 07 33, 14.9N, 93.4W, H = 33 Km, M = 3.6					
		NR C OF CHIAPAS, MEXICO						
		LPB	EL	21 27 00				40.4
MAR	27	USCGS	23 12 49, 9.5N, 83.5W, H = 65 Km, M = 4.2					
		COSTA RICA						
		PNS	EP	23 18 39				
		LPB	EP	23 18 51				30.1
			EL	28 00				
MAR	27	PNS	P	23 36 38.4		0.7	12.1	
MAR	28	USCGS	00 04 17, 9N, 83.3W, H = 33 Km, M = 3.8					
		COSTA RICA						
		LPB	EL	00 19 00				28.8
MAR	28	USCGS	00 33 31, 10.1N, 82.9W, H = 24 Km, M = 4.2					
		N OF PANAMA						
		PNS	EP	00 39 30				
		LPB	EP	00 39 32				29.6

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	28	PNS	P	01 38 34.0		0.5	2.8	
		LPB	EP	01 38 37.5				
MAR	28	PNS	EP	02 50 04				4.9
			S	51 00.0				
		LPB	EP	02 50 07.5				5.2
			(S)	51 07.5				
MAR	28	LPB	EP	03 22 34				14.4
			E(S)	25 13				
		PNS	EP	03 22 52.7				
MAR	28	USCGS	03 26 30, 37.2N, 114.7E, H = 33 Km, M = 4.8					
		NE CHINA						
		LPB	EPKP	03 46 25				159.2
		PNS	EPKP	03 46 25.8				
MAR	28	USCGS	04 04 43, 38.9N, 21.5E, H = 33 Km, M = 4.1					
		GREECE						
		LPB	EL	04 52 00				100.0
MAR	28	TRJ	P	04 30 58.5	C			
		LPB	EP	04 31 42.8				
		PNS	P	04 31 45.8		0.7	15.7	
MAR	28	USCGS	04 44 12, 32.1S, 78.9E, H = 33 Km, M = 5.0					
		MID-INDIAN RISE						
		LPB	EPKP	05 03 08				122.1
			EL	43 00				
		PNS	EPKP	05 03 08.6				
MAR	28	PNS	EP	05 36 29				4.4
			ES	37 20.0				
		LPB	E(P)	05 36 41				4.9
			S	37 37				
MAR	28	PNS	P	05 42 55.0				
MAR	28	PNS	P	06 06 04.8				4.0
			S	06 52				
			SS	08 09.6				
		LPB	EP	06 06 15				3.1
			ES	06 51.5				
MAR	28	PNS	EP	06 14 31.8				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	28	PNS	EP	06 18 55.4				4.4
			I	18 58.8				
			IS	19 47.0				
		LPB	EP	06 19 03				4.3
			I	19 09.5				
			(S)	19 53				
MAR	28	PNS	EP	06 36 27				5.5
			S	37 30.0				
		LPB	EP	06 36 53				4.1
			E(S)	37 41				
MAR	28	PNS	EP	06 40 00				4.4
			I	41 03.5				
			IS	41 51.2				
			ISS	43 26				
		LPB	P	06 40 14				4.5
			(S)	41 06				
MAR	28	PNS	EP	06 50 01				4.2
			IS	50 50.0				
		LPB	EP	06 50 12				5.2
			S	51 11.5				
MAR	28	PNS	EP	06 54 37				4.3
			IS	55 27.0				
		LPB	EP	06 54 49				4.9
			S	55 45.5				
MAR	28	PNS	EP	06 58 13				4.7
			ES	59 07.4				
MAR	28	PNS	EP	07 01 48.6				4.4
			I	01 52.2				
			IS	02 39.6				
		LPB	EP	07 01 53				5.0
			(S)	02 51.5				
MAR	28	PNS	P	08 58 57.5		0.4	1.4	4.3
			S	59 47.2				
		LPB	EP	08 59 18				
MAR	28	USCGS	08 54 52.8, 55.5S, 1.3W, H = 33 Km, M = 5.7					
		BOUVET IS REG						
		TRJ	P	09 04 41.7	C			
		LPB	P	09 05 21	C	1.5	36.4	63.5
			PP	05 29				
			ES	13 44				
			EL	25 00				
		PNS	IP	09 05 23.8	C	1.3	39.2	
			E	13 24				
			S	13 45				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	28	TRJ	P	09 38 00.6	C			3.6
			S	38 42.7				
MAR	28	LPB	EP	10 55 31				
		PNS	EP	10 55 32.9				
MAR	28	PNS	EP	11 06 43.6				5.5
			S	07 46.4				
		LPB	EP	11 06 45				4.5
			S	07 37.5				
MAR	28	TRJ	P	11 12 41.9	C			3.4
			S	13 21.9				
		LPB	EP	11 13 21		0.8	8.4	
MAR	28	USCGS	12 08 40, 55.4S, 1.4W, H = 33 Km, M = 4.6					
		BOUVET IS REG						
		TRJ	EP	12 18 26.0				
		LPB	P	12 19 09		1.2	52.0	63.2
			PP	19 16				
			EL	39 00				
		PNS	P	12 19 10.8				
			IPP	19 19.6				
			S	27 30				
MAR	28	TRJ	IP	12 55 01.4				2.6
			IS	55 32.2				
MAR	28	TRJ	IP	15 03 35.6	D			
MAR	28	USCGS	15 29 18.9, 3.9S, 80.9W, H = 19 Km, M = 5.1					
		PERU-ECUADOR BOR REG						
		PNS	IP	15 33 21.8	C	2.6	966.0	
			I	33 25.8				
			IS	36 45				
			SS	37 00.6				
			L	39.3				
		LPB	IP	15 33 27.0	C	1.2	338.0	17.8
			S	36 37				
			SS	36 59				
			L	39.4				
		CCH	P	15 33 38.4				
		TRJ	IP	15 34 30.9	C			
MAR	28	USCGS	15 46 08.9, 17.4N, 145.6E, H = 218 Km, M = 5.5					
		MARIANA IS						
		PNS	PKP	16 05 27.1	C	1.2	48.3	
			I	05 31.0				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
		LPB	PKP	16 05 28.5		1.3	42.0	147.7
		CCH	PKP	16 05 36.1	C			
MAR	28	PNS	EP	16 30 54				
			IS	31 52.4				5.0
MAR	28	PNS	EP	16 54 08				
		LPB	EP	16 54 12				
MAR	28	TRJ	IP	17 06 39.4	D			
MAR	28	USCGS	17 42 47.6, 4.S, 80.8W, H = 52 Km, M = 5.3					
		PERU-ECUADOR BOR REG						
		PNS	IP	17 46 47.1	C	2.4	3362.0	
			IS	50 20.0				
			SS	50 33				
			L	51.9				
		LPB	IP	17 46 51.5	C	1.5	785.0	17.5
			IS	50 18				
			L	52.8				
		CCH	(EP)	17 47 22.6				
		TRJ	IP	17 47 55.3	C			
MAR	28	USCGS	18 20 11.7, 4. S, 80.8W, H = 49 Km, M = 4.2					
		PERU-ECUADOR BOR REG						
		PNS	P	18 24 13.6	D	2.1	166.0	
		LPB	P	18 24 17		2.0	100.0	17.5
MAR	28	PNS	P	18 54 05.9		0.8	4.2	
MAR	28	USCGS	18 56 21, 4.S, 80.6W, H = 53 Km, M = 4.4					
		PERU-ECUADOR BOR REG						
		PNS	P	19 00 23	D	1,2	72.2	
			S	03 20				
			ESS	03 58				
		LPB	IP	19 00 24.5	D	1.0	36.0	17.3
			I	00 27.0				
			EL	05 00				
MAR	28	LPB	EP	19 54 05				
		PNS	P	19 54 05.9		0.6	6.2	3.7
			E(S)	54 49.4				
		CCH	(EP)	19 54 13.9				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	28	USCGS	20 29 32.3, 4.S, 80.9W, H = 22 Km, M = 4.8					
			PERU-ECUADOR BOR REG					
		PNS	EP	20 33 34.2		1.9	470.0	
			I	33 39.2				
			ES	37 10				
		LPB	EP	20 33 40.5		1.2	91.0	17.1
			PP	33 58.5				
			S	37 12				
			L	40.3				
MAR	28	LPB	P	23 45 11.2		1.1	25.3	
		PNS	EP	23 45 14.4				
			ES	45 53.2				3.3
MAR	29	USCGS	02 08 46.8, 31.9S, 178.7W, H = 28 Km, M = 4.6					
			KERMADEC IS					
		LPB	EP	02 55 00				
		CCH	EP	02 55 29.2				97.7
MAR	29	USCGS	02 17 38.5, 23.7N, 142.1E, H = 79 Km, M = 5.9					
			VOLCAN IS REG					
		CCH	PKP	02 36 49.8				
		PNS	PKP	02 37 19.0	C	1.6	198.2	
		LPB	PKP	02 37 19.5	C	1.0	83.0	150.4
			PPKP	37 32				
			PP	41 09				
			SS	03 01 00				
			EL	28 00				
		TRJ	IPKP	02 37 28.1	D			
MAR	29	PNS	EP	02 56 44				
MAR	29	CCH	IPKP	03 36 14.9				
		PNS	IPKP	03 36 30.7	C	0.3	3.2	1.7
			IS	36 52.6				
MAR	29	LPB	E(P)	04 19 55				
		PNS	EP	04 20 02				
			ES	20 26.4				2.0
MAR	29	CCH	EP	04 22 10.1				
		PNS	P	04 22 13.8		0.3	3.2	1.9
			S	22 36.8				
MAR	29	USCGS	06 12 00.4, 37.4N, 114.9E, H = 34 Km, M = 5.5					
			NE CHINA					
		PNS	EPKP	06 31 41				
		LPB	E(PKP)	06 31 43		1.5	104.0	159.0
			L	07 31.5				
				31 44.5				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	29	PNS	IP	08 30 54.4	D	0.4	6.7	1.8
			ES	31 16.2				
		LPB	P	08 30 55.5				
MAR	29	PNS	IP	09 07 12.2	D	0.3	22.2	2.0
			S	07 36.3				
		LPB	P	09 07 14.2				1.7
			(S)	07 35				
		CCH	EP	09 07 14.6				
MAR	29	USCGS	09 32 18, 7.3N, 73.3W, H = 108 Km, M = 3.9					
			N COLOMBIA					
		PNS	EP	09 37 12				
			PP	37 49.8				
MAR	29	CCH	EP	10 04 26.5				
		LPB	EP	10 04 34				
		PNS	EP	10 04 34				
MAR	29	USCGS	10 06 14, 7.2N, 73.7W, H = 185 Km, M = 4.0					
			N COLOMBIA					
		LPB	EP	10 11 08				24.6
		PNS	IP	10 11 09.4				
MAR	29	LPB	EP	10 15 21		1.0	8.0	
MAR	29	TRJ	IP	10 41 45.0	D			
		LPB	P	10 42 23		1.0	24.0	5.3
			ES	43 22				
		PNS	IP	10 42 26.8	D	0.4	10.2	4.5
			S	43 19.6				
MAR	29	USCGS	10 42 15.1, 20. S, 125.3W, H = 95 Km, M = 5.1					
			TONGA IS					
		LPB	EP	10 55 39				99.5
			EL	11 28 00				
		PNS	EP	10 55 40				
MAR	29	CCH	EP	11 10 20.0				
		LPB	P	11 10 23		1.0	37.0	7.8
			ES	11 51				
		PNS	P	11 10 25.8		0.8	37.9	1.8
			ES	10 48				
MAR	29	TRJ	IP	12 09 05.0	D			1.1
			IS	09 19.2				
		CCH	EP	12 09 22.2				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	29	CCH	IP	12 44 33	D			
		PNS	IP	12 44 34.4	D	0.4	5.2	1.9
			S	44 57.4				
MAR	29	USCGS	12 55 03, 41.2N, 126.0W, H = 33 Km, M = 4.7					
		OFF C OF N CALIFORNIA						
		LPB	EL	13 32 00				78.3
MAR	29	TRJ	IP	13 40 05.1	D			
			IS	40 36.2				2.6
MAR	29	TRJ	IP	13 46 15.3	D			
			IS	46 48.5				2.8
MAR	29	USCGS	14 59 59, 19.1N, 107.9W, H = 33 Km, M = 3.8					
		OFF C OF JALISCO, MEXICO						
		LPB	EP	15 09 13				
			EL	25 00				52.8
		CCH	EP	15 09 25.6				
MAR	29	USCGS	15 37 37, 16.9N, 96.0W, H = 43 Km, M = 3.7					
		OAXACA, MEXICO						
		LPB	EL	15 58 00				43.2
MAR	29	PNS	EP	15 54 54.7				
			S	56 10.8				6.7
		CCH	EP	15 54 57.8				
		LPB	EP	15 55 00				
			ES	56 17				6.8
MAR	29	USCGS	15 44 58, 37.5N, 115.3E, H = 33 Km, M = 4.8					
		NE CHINA						
		LPB	EL	17 00 00				158.9
MAR	29	CCH	EP	16 55 15.1				
		PNS	P	16 55 28.4				
			ES	56 11				3.6
		LPB	EP	16 55 38				
MAR	29	TRJ	IP	17 47 32.0				
			S	48 03.9				2.6

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	29	USCGS	18 29 10, 3.5S, 145.2E, H = 33 Km					
		NR N C OF NEW GUINEA						
		LPB	EL	19 36 00				141.3
MAR	29	PNS	IP	19 40 10.4	D	0.3	4.2	1.3
			S	40 28.0				
MAR	29	PNS	P	19 54 58.0		0.4	3.2	1.9
			S	55 20.8				
MAR	29	LPB	EP	20 06 26				
MAR	29	USCGS	22 57 16, 53.8N, 165.7W, H = 33 Km, M = 4.3					
		FOX IS, ALEUTIAN IS						
		LPB	EL	23 50 00				113.5
MAR	30	USCGS	01 26 34.8, 10.3S, 161.6E, H = 40 Km, M = 5.2					
		SOLOMON IS'						
		PNS	EPKP	01 45 31				
		LPB	EPKP	01 45 34				124.7
			EL	02 25 00				
MAR	30	LPB	EP	02 51 33				
MAR	30	TRJ	P	04 21 42.6	D			
			S	22 12.2				2.5
		LPB	P	04 22 19.5		0.7	2.8	
		PNS	P	04 22 22.5		0.3	1.4	
MAR	30	USCGS	04 18 38.1, 21.8N, 62.2E, H = 33 Km, M = 5.6					
		ARABIAN SEA						
		LPB	PKP	04 37 56	C	1.0	16.0	132.8
			PKP2	38 07.5				
			ESS	58 53				
			EL	05 21 00				
		CCH	EP	04 37 56.1				
		PNS	P	04 37 56.2	C	0.7	3.5	
MAR	30	LPB	P	04 47 11.5				
			ES	48 12.5				5.3
		PNS	P	04 47 15.2				
			S	48 14.0				5.1

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	30	USCGS 04 53 41, 29.9S, 71.4W, H = 87 Km, M = 4.8 NR C OF CENTRAL CHILE						
		TRJ	EP	04 56 03.3				
		LPB	IP	04 56 51.5	D	1.1	76.0	13.5
			PP	57 07.5				
			EL	05 00.3				
		PNS	IP	04 56 54.6	D	1.2	33.5	
			S	58 18				
			EL	05 23.3				
MAR	30	PNS	IP	05 47 59.1	C	0.2	2.1	
MAR	30	LPB	P	05 49 15	C	1.1	23.0	9.2
			S	50 58.5				
		PNS	P	05 49 17.9	C	0.6	3.5	9.3
			S	51 02.4				
MAR	30	USCGS 05 46 31, 51.9N, 170.6W, H = 33 Km, M = 4.4 FOX IS, ALEUTIAN IS						
		LPB	EPKP	06 04 49				110.6
			EL	38 00				
MAR	30	LPB	P	06 49 32.3	C	1.0	26.0	7.2
			I	49 37.2				
			S	50 55				
		PNS	EP	06 49 33.4				6.4
			I	49 36.4				
			IS	50 46				
		TRJ	P	06 49 42.6	C			
MAR	30	PNS	IP	07 51 21.8	D	0.4	6.8	1.9
			IS	51 45				
		LPB	P	07 51 22.0	D	0.8	28.0	2.0
			IS	51 46				
MAR	30	TRJ	P	07 59 14.0	C			
		LPB	E(P)	07 59 15				1.2
			S	59 30.2				
		PNS	P	07 59 17.1	D	0.4	1.8	1.2
			S	59 32.2				
MAR	30	USCGS 08 15 03.7, 29.2N, 131.3E, H = 20 Km, M = 5.1 RYUKYU IS REG						
		LPB	EPKP	08 35 00				158.1
			EL	09 30 00				
MAR	30	TRJ	P	08 57 28.8	D			2.4
			S	57 58.7	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	30	USCGS 11 29 57.5, 16.7S, 177.3W, H = 409 Km, M = 4.2 FIJI IS REG						
		LPB	EL	12 18 00				102.5
MAR	30	USCGS 12 40 01, 49.8N, 129.7W, H = 33 Km, M = 5.3 VANCOUVER IS REG						
		PNS	P	12 52 36.4		1.7	22.7	
			S	13 03 10.0				
			EG	18.0				
		LPB	EP	12 52 38		1.8	76.5	85.5
			S	13 03 10				
			EL	20.7				
MAR	30	USCGS 13 13 45.7, 4.7S, 153.0E, H = 78 Km, M = 4.6 NEW IRELAND REGION						
		PNS	EPKP	13 33 01				
			EPKS	36 25				
		CCH	EPKP	13 33 17.2				
		LPB	EL	14 17 00				133.
MAR	30	PNS	EP	16 41 25				
		LPB	EP	16 41 36				
MAR	30	TRJ	IP	17 45 06.4	C			
		LPB	P	17 45 31.5		0.9	17.2	3.
			I	45 35.5				
			ES	46 10.5				
		PNS	P	45 33.0		0.8	5.2	3.
			I	45 38.0				
			S	46 12.0				
MAR	30	USCGS 17 31 29.4, 24.1N, 122.7E, H = 38 Km, M = 4.6 TAIWAN REGION						
		LPB	EPKP	17 51 33				167.1
			EL	18 50 00				
		PNS	EPKP	17 51 34				
MAR	30	USCGS 18 46 19, 39.8N, 143.2E, H = 15 Km, M = 5.1 OFF E C OF HONSHU, JAPAN						
		LPB	EL	19 54 00				144.6
MAR	30	USCGS 20 40 44.1, 32.5S, 178.0W, H = 16 Km, M = 4.8 S OF KERMADEC IS						
		LPB	EP	20 54 03				97.2
			EL	21 27 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	30	USCGS	23 04 38, 17.3S, 167.9E, H = 32 Km					
		NEW HEBRIDES IS						
		LPB	EPKP	23 28 20		1.1	12.0	115.2
			EL	00 04 00				
MAR	31	USCGS	00 55 50, 5.4N, 76.2W, H = 95 Km, M = 4.4					
		COLOMBIA						
		LPB	EP	01 00 24.5				22.9
			IPP	00 49.5				
			EL	07 00				
		PNS	EP	01 00 44				
MAR	31	USCGS	00 56 29.5, 29.9N, 111.8W, H = 33 Km, M = 4.3					
		NW MEXICO						
		LPB	EP	01 06 10		0.9	11.0	56.4
			EL	23 00				
MAR	31	LPB	P	02 28 21		0.7	5.2	
		PNS	P	02 28 26.0	C			
MAR	31	LPB	P	03 46 53		0.7	13.6	2.3
			IS	47 21.5				
		PNS	EP	03 47 00				2.9
			IS	47 35				
MAR	31	LPB	EP	04 05 59				2.3
			IS	06 26				
		PNS	EP	04 06 05				2.9
			S	06 39.4				
MAR	31	USCGS	05 05 54.7, 17.3S, 167.8E, H = 34 Km, M = 5.4					
		NEW HEBPIDES IS						
		LPB	EPKP	05 24 40				115.5
			ESS	42 13				
			L	06 00 00				
MAR	31	LPB	EP	08 16 56.5		1.0	20.0	
MAR	31	PNS	EP	09 20 59				
			S	21 21.7				
MAR	31	PNS	P	10 57 48.4		0.4	1.8	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAR	31	TRJ	P	13 35 50.2				
		LPB	EP	13 36 11				
		PNS	EP	13 36 15				5.0
			E(S)	37 13.4				
MAR	31	TRJ	IP	15 42 36.0	D			
MAR	31	PNS	P	18 29 03.4		0.3	2.6	
MAR	31	PNS	EP	20 37 48				
		LPB	EP	20 37 50				
MAR	31	PNS	EP	21 59 22				
MAR	31	PNS	P	22 30 43.4		0.3	3.2	1.9
			S	31 05.0				
MAR	31	USCGS	22 34 04.4, 53.7S, 3.0W, H = 33 Km, M = 4.9					
		S ATLANTIC RIDGE						
		LPB	EP	22 44 24				62.1
			PP	44 28.5				
			EL	23 03 00				
		PNS	P	22 44 26.2		0.8	4.6	
			I	44 32.0				
MAR	31	USCGS	23 38 00.5, 36.4N, 70.8E, H = 200 Km, M = 5.6					
		HINDU KUSH REGION						
		PNS	EPKP	23 56 56.4				
			I	57 04.6				
			IPKS	00 00 18.4				
		LPB	E(PKP)	23 57 02				138.7
			PKS	00 00 18.3				
			EL	00 42 00				

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