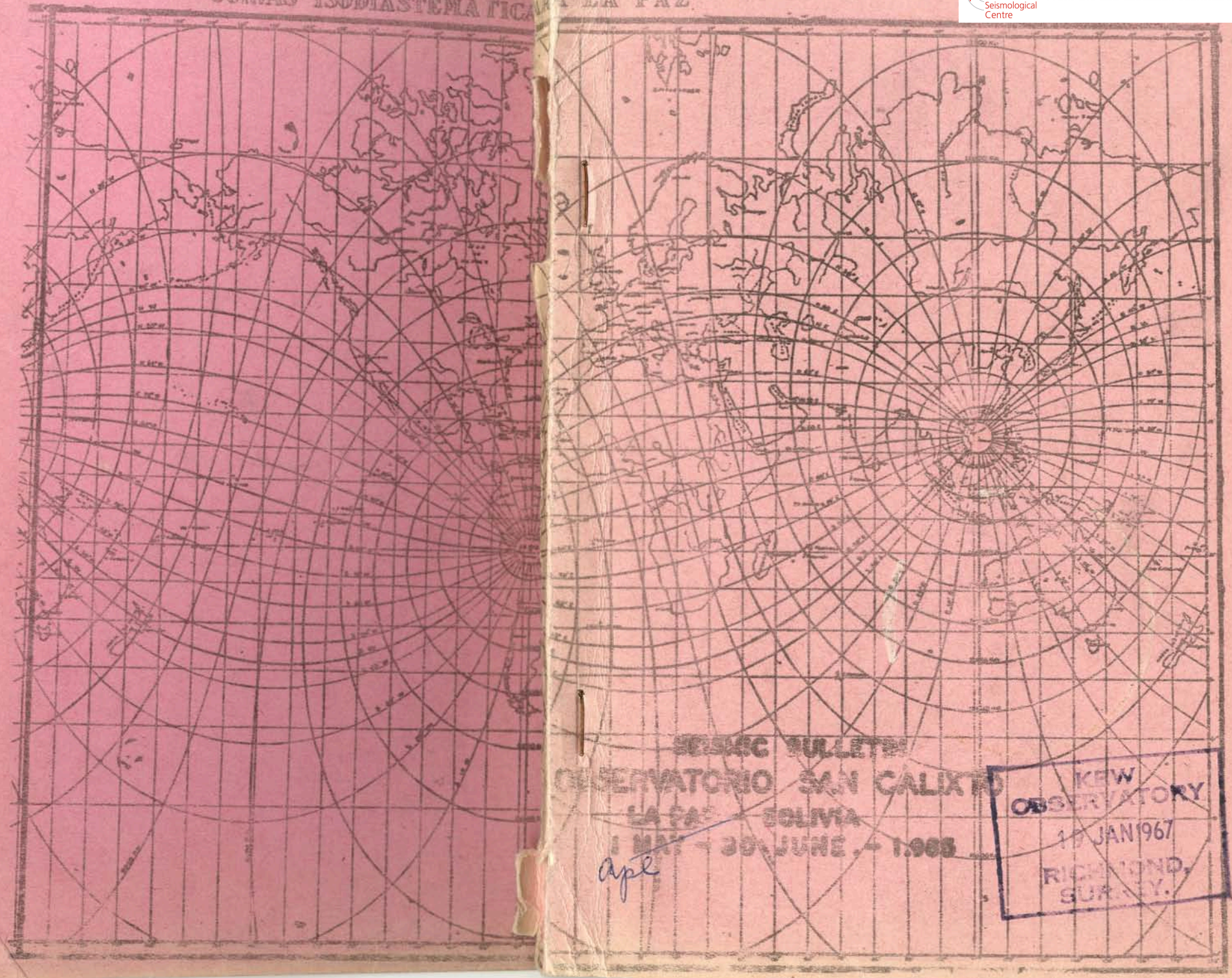
CURVAS ISODIASTEMATICAS LA PAZ



SEISMIC BULLETIN
OBSERVATORIO SAN CALIXTO
LA PAZ - BOLIVIA
1 MAY - 30 JUNE - 1965

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LA PAZ BOL[illegible]

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D.J.S.

SEISMOLOGICAL BULLETIN

1 APRIL - 30 JUNE [illegible]

Network Director
Rev. Ramon Cabre S.J.

Assisted by

Rev.Luis M. Fernandez S.J.
Juan Ruiz S.J. (LPB, LPA)
Jorge Ramon (PRS)
Javier Aparicio (CCA,SUC)
Enrique Antelo (TRI,SMR)
Nelson Aguilar

Casilla 283, La Paz
BOLIVIA, South America.

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

1 A P R I L - 30 J U N E, 1965

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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
Peñas	PNS	16°16' 02"S	68°28' 24"W	3986	Seismic array of seven short-period vertical Johnson-Matheson, To= 1,25 sec Tq=.337 sec (Fig. 3 and 4)	400,000 at 1 cps
					SP Hor. Benioff, To=1.sec, Tq=.2 sec.	500,000 at 1 cps
					LP, three components Sprengnether, To= 20 sec., Tq= 30 sec. (fig. 2)	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.Tq=.75 sec	50,000 at 1 cps
					SP horizontal Benioff, To= 1.sec.Tq=.75sec	50,000 at 1 cps
					LP, three components Sprengnether, To= 15 sec., Tq= 100 sec.	1,500 at 30
La Paz (Colegio)	LPZ	16°29'43"S	68°07'57.7"W	3658	Wilson-Lamison, SP vertical, To= 1.2 sec Tq= 1.sec.	
					LP, three components, Galitzin-Wilip To= 12 sec., Tq= 12.6 sec.	1,000 at 12
					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.	

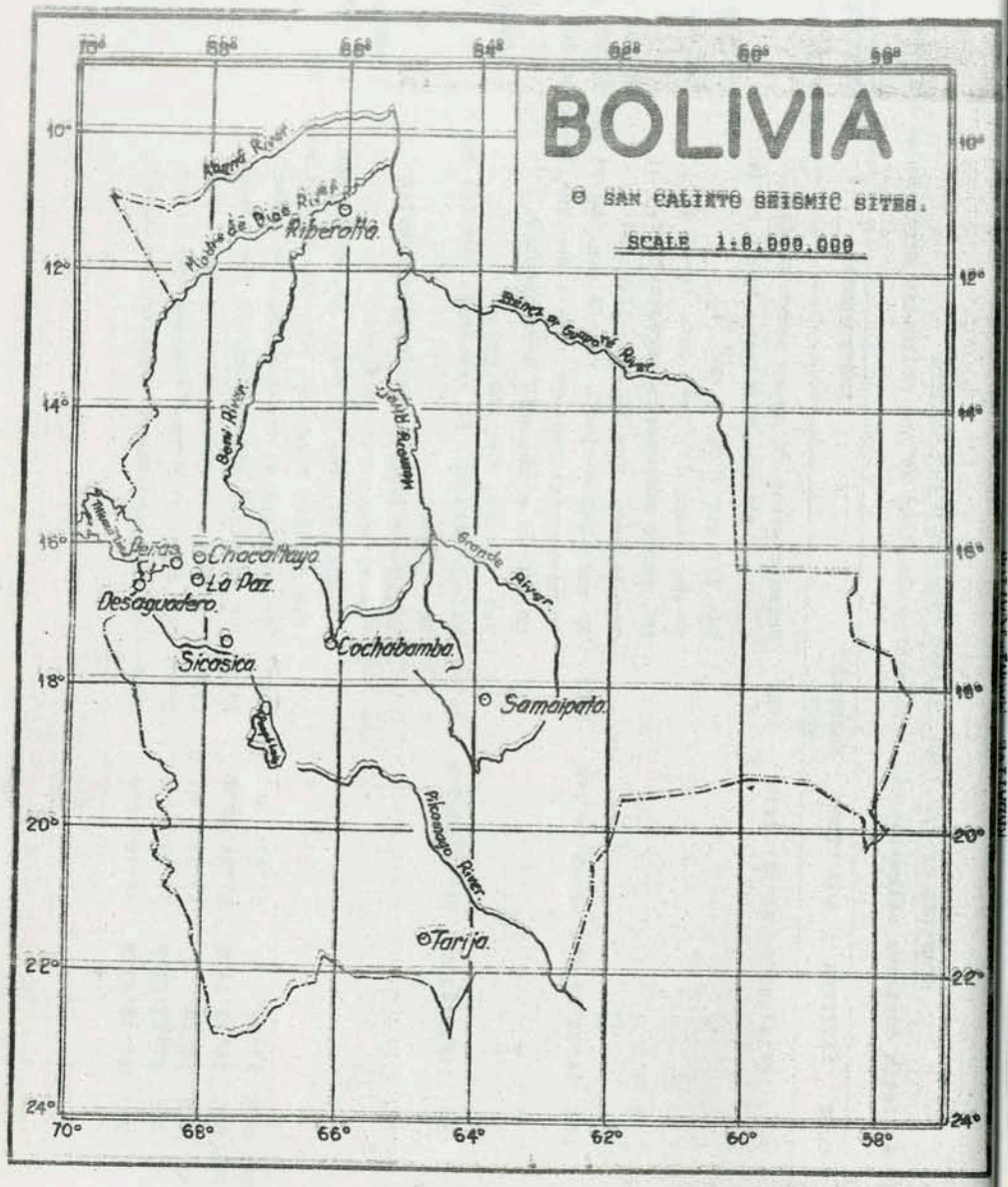

Fig.1.- LOCATION OF BOLIVIAN NETWORK OF SEISMIC STATIONS.

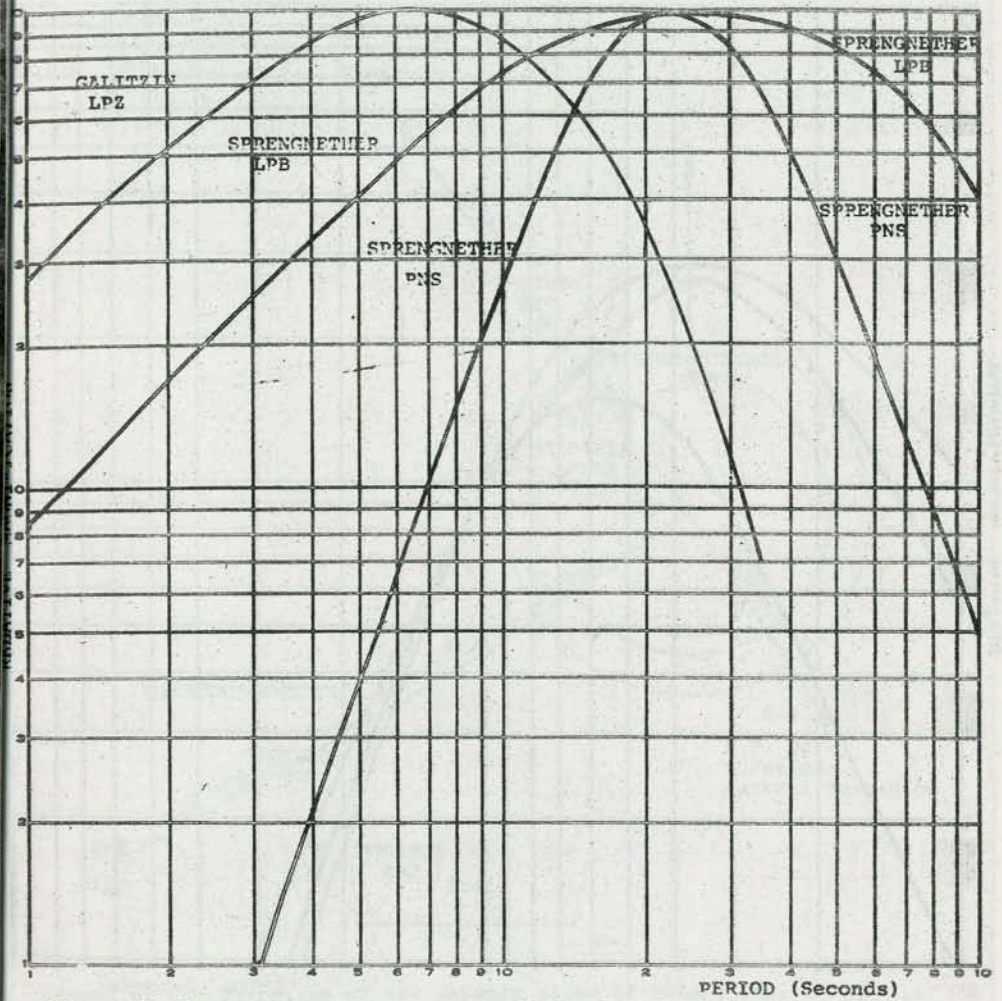

Figure 2. Frequency response curves of the Long Period Instruments at the different stations of the network.

graph 5
2 x 2

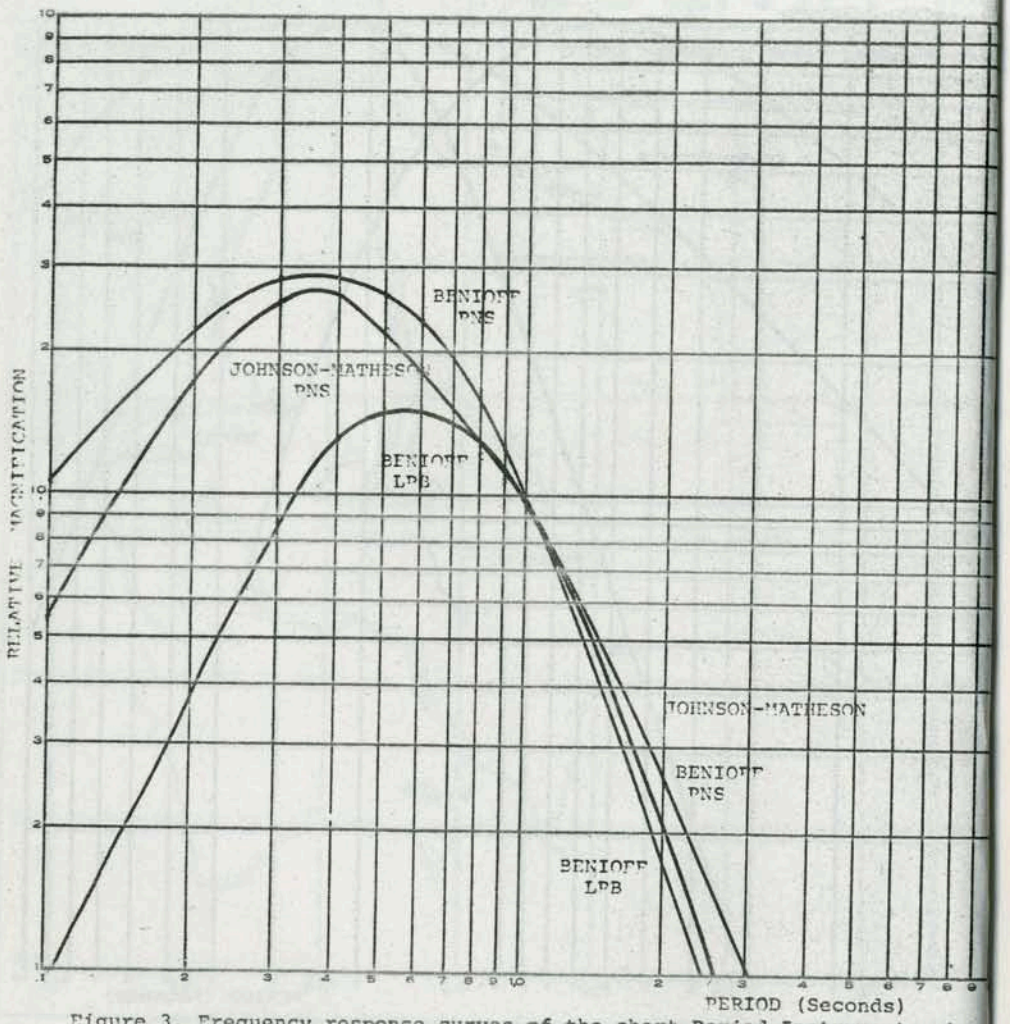

Figure 3. Frequency response curves of the short Period Instruments at the different stations of the network.

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

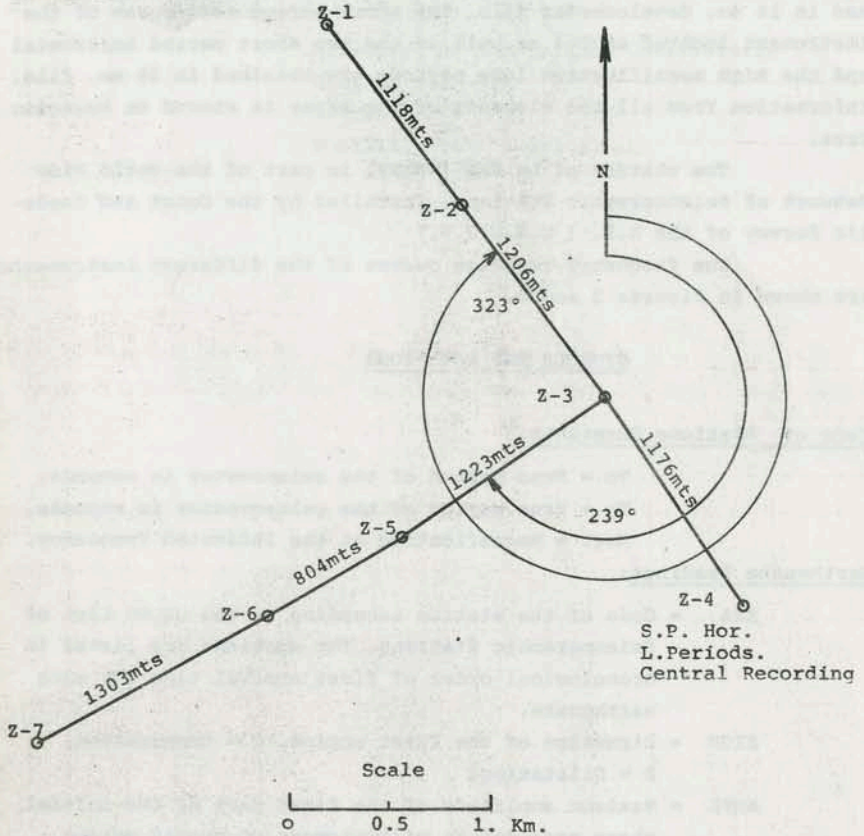

Figure 4. Configuration of the seismic array of Peñas, PNS.

The stations of Cochabamba, Desaguadero, Samaipata, Sicasica and Tarija are operated in cooperation with the Instituto Geofísico 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 periods 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.

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
APR	1	USCGS	02 16 11.4, 33.3N, 138.7E, H = 230 Km, M = 4.6					
			S OF HONSHU, JAPAN					
		LPB	EPKP	02 35 40				150.3
			EL	03 28				
		LPZ	EL	03 28.5				
APR	1	TRJ	P	04 18 02.3	D			
APR	1	USCGS	07 08 38.3, 9.9N, 125.8E, H = 91 Km, M = 6.4					
			MINDANAO PHILIPPINE ISLANDS					
		TRJ	P	07 28 34.4	C			
		PNS	IPKP	07 28 36.4	D	0.9	97.2	
		LPB	PKP	07 28 36.5	D	1.2	39.0	164.9
			EL	08 27 00				
		LPZ	EL	08 27.2				
APR	1	USCGS	10 53 21, 7.S, 127.0E, H = 290 Km, M = 5.2					
			BANDA SEA					
		PNS	IPKP	11 12 47.1	C	0.3	15.6	
		LPB	EPKP	11 12 55				162.1
			EL	12 04 00				
		LPZ	EL	12 01 00				
APR	1	PNS	IPKP	12 44 24.2		0.9	36.0	
APR	1	USCGS	12 24 50.8, 22.2N, 146.7E, H = 94 Km, M = 4.7					
			NORTH PACIFIC OCEAN					
		LPB	IP	12 26 55.5	C	0.8	43.4	146.8
		PNS	IP	12 26 58.8		0.5	97.3	
APR	1	USCGS	13 27 30.8, 31.2N, 142.0E, H = 9 Km, M = 5.1					
			SOUTH OF HONSHU, JAPAN					
		LPB	EPKP	13 47 15				149.0
			EL	14 39 00				
		PNS	EPKP	13 47 18.0				
		LPZ	EL	14 39 00				
APR	1	SCS	IP	17 02 46.7	C			
		CCH	P	17 03 22				
APR	1	USCGS	17 52 40.6, 54.8N, 161.8E, H = 25 Km, M = 5.0					
			COAST OF KAMCHATKA					
		LPB	EPKP	18 10 14				123.3
			EL	52 00				
		LPZ	EL	18 49.7				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	1	USCGS	21 20 43.8, 50.S, 114.1W, H = 33 Km, M = 5.3					
			EASTER ISLAND CORDILLERA					
		TRJ	P	21 29 17.9	C			
		LPB	P	21 29 34.5	D			49.6
			IS	36 49				
			L	44.3				
		LPZ	S	21 36 45				
			L	44.3				
APR	1	CCH	IP	22 02 12.1	C			
		SCS	IP	22 02 13.5	D			
		LPB	P	22 02 19.4	D			
			IS	02 56				
		TRJ	IP	22 02 26.9	D			
APR	2	TRJ	IP	07 11 09.2	D			
		SMB	IP	07 11 49	D			
		CCH	IP	07 11 49.4	C			
		LPB	EP	07 12 03				
APR	2	TRJ	P	12 12 56.2	C			
APR	2	USCGS	16 28 21.7, 50.4N, 177.4E, H = 35 Km, M = 5.2					
			RAT ALEUTIAN ISLANDS					
		LPB	EL	17 25 00				118.3
		LPZ	EL	17 25 00				
APR	2	LPB	IP	21 26 05.3				
APR	2	USCGS	22 26 47.3, 36.8N, 66.6E, H = 38 Km, M = 5.5					
			HINDU KUSH REGION					
		LPB	EPKP	22 46 35				135.2
			EL	23 30 00				
		LPZ	EL	23 30 00				
APR	3	LPB	EP	00 19 48				
		PNS	P	00 19 51.2		0.6	16.0	
APR	3	USCGS	03 01 56.9, 44.N, 82.9E, H = 10 Km, M = 4.6					
			NORTH SINKIANG PROVINCE, CHINA					
		LPB	EPKP	03 21 38				142.8
			EL	04 14 00				
		PNS	EPKP	03 21 39				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	3	LPB	EP	10 56 09				
		PNS	EP	10 56 09				
APR	3	PNS	P	11 28 46.1		1.8	837.3	
		LPB	P	11 28 49.5				
			ES	35 19				
			EL	42 00				
		TRJ	P	11 29 31.9	D			
		CCH	P	11 29 41.1	D			
APR	3	USCGS	11 20 43.5, 16.N, 97.9W, H = 16 Km, M = 6.0					
		NEAR COAST OF OAXACA, MEXICO						
		PNS	P	11 37 11.1		1.0	126.6	
		LPB	EP	11 37 15				43.6
			EL	50.8				
		CCH	EP	11 37 26.1	C			
		SMB	EP	11 37 46.5	C			
		TRJ	P	11 37 56.6	C			
APR	3	PNS	EP	11 47 11.7				
APR	3	TRJ	IP	16 17 06.1	C			
		PNS	IP	16 18 10.0	C	0.3	10.2	
APR	3	LPB	P	17 38 20.8				
			E(L)	53 00				
		PNS	P	17 38 22.2		0.9	78.0	
APR	3	LPB	EP	18 18 18				
			(S)	18 47				
		PNS	IP	18 25.3	D	0.3	17.0	
			E(S)	19 00				
		CCH	IP	18 18 40.8	C			
APR	3	TRJ	IP	23 51 31.7	D			
			S	52 14.0				
		SMB	IP	23 52 11.5	C			
		CCH	P	23 52 12.0				
		LPB	P	23 52 26				
			S	53 34				
		PNS	IP	23 52 30.0	C	0.9	63.8	
			IS	53 44				
APR	4	PNS	IP	00 44 45.3	D	0.2	46.9	
		LPB	P	00 44 48				
APR	4	LPB	EP	03 26 44				
			(SKS)	37 23				
			PS	39 48				
			L	59.9				
		TRJ	IP	03 26 56.4	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	4	USCGS	04 33 31.2, 6.9N, 73.0W, H = 167 Km, M = 4.0					
		NORTHERN COLOMBIA						
		PNS	P	04 38 27.9	D	0.4	9.3	
		LPB	EP	04 38 31				22.5
APR	4	USCGS	05 53 38.6, 1.4N, 80.0W, H = 33 Km, M = 4.8					
		NEAR COAST OF ECUADOR						
		PNS	P	05 58 20.8		1.1	120.0	
		LPB	P	05 58 24.5	D			20.5
			EL	06 04 00				
		CCH	P	05 58 42.8				
		SMB	EP	05 59 03.1	C			
		TRJ	P	05 59 16.4	C			
APR	4	PNS	P	06 18 43.7				
		LPB	EP	06 19 02				
APR	4	TRJ	P	13 17 44.6	C			
APR	4	USCGS	13 30 37.8, 51.9N, 175.2E, H = 40 Km, M = 6.0					
		RAT ALEUTIAN ISLANDS						
		PNS	IPKP	13 49 25.0	D	1.2	93.2	
		LPB	EPKP	13 49 25				119.5
			ESKS	56 31				
			L	14 28 00				
APR	4	LPB	EP	13 54 31				
		PNS	P	13 54 32.3				
APR	4	PNS	EP	13 59 40.8				
		LPB	P	14 09 57.5				
APR	4	PNS	P	14 24 03.5		0.9	70.9	
		LPB	EP	14 24 07				
APR	4	USCGS	15 36 11.9, 26.9S, 176.1W, H = 33 Km, M = 6.0					
		SOUTH OF FIJI ISLANDS						
		PNS	P	15 49 48.0		1.3	69.6	
		LPB	EP	15 49 51				97.7
			SKS	16 00 28				
			L	22.5				
APR	4	USCGS	16 10 08.3, 27.1S, 176.0W, H = 28 Km, M = 4.9					
		KERMADEC ISLANDS						
		PNS	EP	16 23 45.6				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	4	PNS	EP	17 18 50				
APR	4	CCH	EP	19 31 48.4	C			
		LPB	P	19 31 51				
		PNS	IP	19 31 55.5	D	0.5	20.6	
APR	4	USCGS 20 09 41.1, 8.8S, 74.5W, H = 143 Km, M = 5.3 PERU-BRAZIL BORDER REGION						
		PNS	IP	20 11 56.2	C	1.8	1332.8	
		LPB	IP	20 12 01.0		1.0	105.0	13.5
			S	13 50				
			EL	15 00				
		CCH	IP	20 12 25.4	C			
		SMB	IP	20 12 53.1	C			
APR	4	LPB	P	23 49 18.2	C	1.0	10.0	
		PNS	P	23 49 20.4		1.1	62.6	
APR	5	LPB	P	00 57 16				
		PNS	IP	00 57 19.5	D	0.9	56.7	
APR	5	USCGS 03 12 54.2, 37.7N, 21.8E, H = 34 Km, M = 5.7 SOUTHERN GREECE						
		LPB	EP	03 26 44				100.0
			SKS	37 23				
			PS	39 48				
			SS	45 18				
			L	59.9				
		PNS	(P)	03 26 46				
			IPP	30 50.9	C			
APR	5	LPB	P	03 29 53				
		PNS	P	03 30 42.3				
APR	5	PNS	IP	03 43 02.0	D	0.8	21.8	
		LPB	EP	03 43 08				
APR	5	PNS	EP	04 15 21.9				
APR	5	USCGS 06 21 34.2, 3.2S, 148.4E, H = 10 Km, M = 5.0 BISMARCK SEA						
		CCH	EPKP	06 41 00.4				
		LPB	EPKP	06 41 05				139.2
			EL	07 28 00				
		PNS	EPKP	06 41 06.7		0.7	29.4	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	5	PNS	IP	07 53 48.6	D	0.8	24.9	
		LPB	EP	07 53 49				
APR	5	LPB	EP	09 28 10				
		PNS	EP	09 28 10				
APR	5	TRJ	P	11 06 20.7	D			
		LPB	EP	11 07 08				
		PNS	IP	11 07 12.1	D	0.5	18.7	
APR	5	PNS	IP	11 08 20.0	C	0.9	35.3	
APR	5	PNS	IP	11 15 47.9	C	0.5	14.9	
		LPB	EP	11 15 48				
APR	5	USCGS 13 52 13.4, 44.6N, 151.1E, H = 81 Km, M = 5.7 KURILE ISLANDS REGION						
		LPB	EPKP	14 11 30				136.8
			EL	47 00				
		PNS	EPKP	14 11 30.6		1.0	48.8	
			SKS	15 27.5				
		CCH	EPKP	14 11 46.0				
APR	5	CCH	IP	17 51 53.2	C			
			S	52 29				
		PNS	EP	17 52 33				
			E	52 37.5				
			S	53 15.3				
		LPB	EP	17 52 34				
			S	53 04				
APR	5	PNS	IP	18 48 24.8	C	0.6	18.8	
		LPB	EP	18 48 27				
APR	5	SCS	P	19 50 42.0	D			
		LPB	P	19 50 47.5	D			
		PNS	IP	19 50 48.3	D	0.3	199.1	
			IS	51 20.0				
		CCH	EP	19 50 59	C			
			S	51 17.7				
APR	6	LPB	EP	02 00 32				
		PNS	IP	02 00 34.0	D	0.4	10.9	
APR	6	TRJ	P	03 40 52.0	D			
			S	41 23.1				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	6	USCGS	03 19 01.7, 52.2N, 173.3E, H = 30 Km, M = 5.1					
		ALEUTIAN NEAR ISLANDS						
		LPB	EP	03 33 30				106.4
			EL	04 11 00				
APR	6	USCGS	05 31 59.7, 36.1N, 139.6E, H = 69 Km, M = 5.7					
		HONSHU, JAPAN						
		PNS	PKP	05 51 38.4	C	1.0	168.1	
		LPB	PKP	05 51 39.5				148.8
			EL	06 43 00				
		TRJ	EPKP	05 51 40.4	D			
		CCH	PKP	05 51 41.6				
			PKP2	51 46.8				
		SMB	EPKP	05 51 45.7	D			
APR	6	PNS	EP	08 00 12.0				
		LPB	EP	08 00 16				
APR	6	USCGS	09 42 28.2, 5.S, 119.9E, H = 33 Km, M = 5.3					
		NORTHERN CELEBES						
		TRJ	P	10 02 17.9	D			
		LPB	PKP	10 02 29.2		2.3	225.0	161.1
			SS	27 30				
			EL	11 01 00				
		PNS	IPKP	10 02 29.4	D	1.3	188.6	
		CCH	EPKP	10 02 29.6				
			IPKP	10 03 14.7				
APR	6	LPB	P	13 11 06.5				
		PNS	P	13 11 08.4		0.3	10.2	
			S	11 57.7				
APR	6	PNS	P	13 55 48.7	C	0.4	15.7	
APR	6	PNS	IP	14 18 31.5	D	0.3	20.5	
APR	6	TRJ	IP	05 34 00.7	D			
		SMB	EP	05 34 19.8	D			
		CCH	IP	05 34 21.4	C			
			S	34 55.9				
		LPB	EP	05 34 48				
		PNS	IP	05 34 50.4	D	0.7	29.6	
			S	35 04.6				
APR	6	PNS	IP	16 35 23.0	D	0.4	12.5	
		LPB	EP	16 35 31				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	6	USCGS	19 21 49.7, 3.1S, 78.2W, H = 97 Km, M = 5.0					
		PERU-ECUADOR BORDER REGION						
		PNS	P	19 25 31.4				
			IP	25 35.1	C			
		LPB	EP	19 25 32				16.2
			S	28 55				
		CCH	EP	19 26 17	C			
APR	6	LPB	EP	19 58 21				
		PNS	P	19 58 21.8	C	0.9	35.5	
APR	6	PNS	IP	21 09 53.9	C	1.1	47.1	
APR	7	TRJ	IP	o2 24 32.8	C			
APR	7	TRJ	IP	02 36 50.1	C			
APR	7	LPB	EP	02 46 11				
		PNS	P	02 46 12.3	C	0.2	21.2	
			S	46 41.8				
APR	7	TRJ	P	03 23 56.1	C			
			S	24 28.0				
APR	7	LPB	P	04 37 35.5		1.5	31.2	
			ES	45 20				
			EL	52.5				
		PNS	P	04 37 36.0		1.1	89.0	
APR	7	PNS	P	05 08 16.4		0.4	18.3	
APR	7	TRJ	IP	06 07 10.3	C			
APR	7	TRJ	IP	06 44 38.4	C			
			S	45 08.4				
APR	7	LPB	P	08 17 45.5				
		PNS	EP	08 17 46				
APR	7	TRJ	P	10 05 06.1	C			
		LPB	EP	10 05 39				
		PNS	IP	10 05 41.6	C	0.5	35.2	
APR	7	PNS	IP	10 16 09.2	D	0.4	9.8	
		LPB	EP	10 16 12				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	7	PNS	IP	16 39 32.0	D	0.5	41.1	
		LPB	EP	16 39 40				
APR	7	PNS	IP	16 42 39.4	D	0.4	37.5	
APR	7	TRJ	(IP)	18 05 08.8	D			
APR	7	PNS	IP	18 22 55.9	D	0.2	139.7	
			S	23 17.4				
		LPB	P	18 22 57.5				
APR	7	TRJ	IP	19 37 56.2	C			
		PNS	IP	19 39 04.0	D	0.5	17.8	
APR	8	USCGS	00 02 40.1, 8.3S, 80.1W, H = 33 Km, M = 4.3					
		OFF COAST OF NORTHERN PERU						
		PNS	EP	00 06 03.4				
		LPB	EP	00 06 04				14.2
			S	08 56				
			(L)	10.5				
		CCH	(P)	00 06 36.4				
		SMB	EP	00 06 57.2				
		TRJ	P	00 07 01.2	D			
APR	8	TRJ	IP	01 36 42.8	D			
APR	8	PNS	IP	02 48 55.4		0.4	43.8	
APR	8	TRJ	EP	02 55 16.7	C			
APR	8	LPB	P	04 42 14.0				
			I(S)	42 20				
		PNS	P	04 42 25.3				
APR	8	USCGS	04 44 47.9, 8.N, 82.2W, H = 33 Km, M = 4.1					
		PANAMA-COSTA RICA BORDER						
		LPB	EP	04 50 48				28.2
			EL	05 03 00				
APR	8	TRJ	P	05 27 52.6	D			
			S	28 23.8				
APR	8	PNS	EP	06 39 15				
		LPB	EP	06 39 21				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	8	TRJ	IP	06 11 28.8	D			
APR	8	SMB	EP	07 05 17.8	C			
			S	05 39.9				
		CCH	IP	07 05 26	C			
			S	07 12.1	C			
		LPB	P	07 05 31.7				
			S	06 14				
		PNS	EP	07 05 41.0				
			S	08 27				
APR	8	USCGS	12 51 27.8, 17.6S, 178.7W, H = 575 Km, M = 5.2					
		FIJI ISLANDS REGION						
		PNS	EPKP	13 05 23				
		LPB	EPKP	13 05 23				103.4
			EL	42 00				
APR	8	PNS	EP	13 26 15				
		LPB	EP	13 26 17				
APR	8	USCGS	13 43 52.8, 52.2N, 173.5E, H = 46 Km, M = 5.75					
		ALEUTIAN NEAR ISLANDS						
		LPB	EPKP	14 02 50				120.6
			SKS	09 51				
			SS	20 07				
			L	40 00				
		PNS	EPKP	14 02 52		0.9	24.8	
APR	8	TRJ	P	14 13 01.3	D			
APR	8	USCGS	14 48 21.8, 5.8S, 154.6E, H = 125 Km, M = 5.5					
		SALOMON ISLANDS						
		LPB	EPKP	15 07 18				132.5
			EL	52 00				
		CCH	EPKP	15 07 26	C			
APR	8	PNS	P	15 10 41.0		0.7	32.2	
		LPB	P	15 10 41				
APR	8	PNS	IP	16 37 01.4	C	0.7	83.2	
			S	37 49.5				
		LPB	EP	16 37 06				
			S	37 59				
APR	8	USCGS	19 06 09.8, 2.2S, 139.7E, H = 33 Km, M = 4.8					
		NEAR N COAST W NEW GUINEA						
		PNS	PKP	17 25 02.4		1.0	69.4	
		LPB	EPKP	17 25 52				146.7
			EL	18 16 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	8	USCGS	20 31 00.2, 57.8S, 29.8W, H = 97 Km, M = 6.2					
			SOUTH SANDWICH ISLANDS REGION					
		SMB	(IP)	20 39 21.8	C			
		LPB	IP	20 39 48.1	C	1.1	232.3	50.1
			ES	47 05				
			EL	55 00				
		PNS	IP	20 39 51.0	C	0.9	496.5	
APR	8	LPB	EP	22 30 30				
		PNS	IP	22 30 31.4	C	0.4	21.9	
APR	8	LPB	EP	22 47 40				
		PNS	EP	22 47 41.3				
APR	9	LPB	P	00 02 05				
		PNS	P	00 02 08.6		0.4	32.8	
APR	9	TRJ	(IP)	00 28 07.8	C			
		SCS	P	00 28 14.9	D			
		CCH	IP	00 28 19.1	C			
		LPB	P	00 28 22.5				
		PNS	IP	00 28 26.4	C	0.5	197.3	
			S	29 08.5				
		SMB	IP	00 28 30.7	C			
APR	9	PNS	IP	02 28 24.3	C	0.7	8.0	
		LPB	EP	02 28 34				
APR	9	TRJ	P	07 38 39.7	C			
			IS	39 20.8				
		PNS	EP	07 39 08				
		LPB	EP	07 39 22				
APR	9	USCGS	08 28 54, 35.4N, 136.0E, H = 33 Km, M = 4.6					
			SOUTHERN HONSHU, JAPAN					
		PNS	IPKP	08 48 46.6		1.0	30.8	
		LPB	PKP	08 48 47.5				157.5
APR	9	TRJ	IP	09 07 09.4	C			
APR	9	TRJ	P	10 40 41.5	D			
APR	9	USCGS	10 45 29.4, 32.6S, 178.3W, H = 52 Km, M = 5.1					
			SOUTH OF KERMADEC ISLANDS					
		LPB	EP	10 59 07				97.1
			SKS	11 09 38				
			EL	38 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	9	LPB	P	13 12 38				
		TRJ	P	13 12 51.7	C			
		PNS	P	13 13 40.6		0.8	34.4	
APR	9	PNS	IP	14 46 54.5	C	0.3	102.5	
			S	47 23.6				
		LPB	P	14 46 59.5				
APR	9	PNS	IP	14 51 37.6	C	0.7	77.6	
		LPB	P	14 51 38	C	0.8	25.5	
APR	9	LPB	EP	14 58 20				
		PNS	EP	14 58 23.0				
APR	9	TRJ	P	16 50 35.4	C			
			S	51 11.0	D			
		PNS	IP	16 51 03.0	C	0.9	63.8	
		LPB	EP	16 51 49				
APR	9	PNS	IP	18 00 27.7	D	0.3	20.5	
		LPZ	EP	18 00 28				
		LPB	P	18 00 55.5				
APR	9	USCGS	18 20 01.5, 54.8S, 118.4W, H = 33 Km, M = 5.3					
			EASTER ISLAND CORDILLERA					
		LPB		18 29 26				54.0
				37 08				
				45.4				
		PNS	IP	18 29 26.8	C	1.9	432.3	
		LPZ	EP	18 29 27				
APR	9	TRJ	IP	19 31 55.4	C			
APR	9	USCGS	22 52 24.3, 4.2S, 134.1E, H = 33 Km, M = 5.6					
			WEST NEW GUINEA REGION					
		TRJ	EP	23 12 03.6	D			
		LPB	EPKP	23 12 12				149.3
			L	24 03.2				
		PNS	PKP	23 12 12.8		1.2	119.0	
		LPZ	EPKP	23 14 14				
			EL	24 04 00				
APR	9	TRJ	P	22 14 19.2	C			
APR	9	TRJ	IP	22 32 21.3	D			
			S	32 56.5				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	9	TRJ	P	22 40 23.2	C			
APR	10	USCGS	23 47 12.5, 4.S, 134.2E, H = 33 Km, M = 5.2					
			WEST NEW GUINEA REGION					
		TRJ	(P)	00 06 54.3	D			
		LPB	EPKP	00 07 01				149.0
			EL	58 00				
		PNS	PKP	00 07 02.5				
			IPKP	07 06.0				
		LPZ	EPKP	00 07 04				
APR	10	USCGS	23 57 03.2, 35.1N, 24.3E, H = 51 Km, M = 6.0					
			CRETE					
		PNS	EP	00 10 51				
			IPP	15 28.0	D			
APR	10	LPB	P	00 52 31				
			(S)	53 12				
		LPZ	EP	00 52 32				
		PNS	P	00 52 33.8	D	0.5	23.3	
		SMB	IP	00 52 38.8	C			
APR	10	TRJ	IP	02 21 30.7	C			
APR	10	LPB	P	02 51 11.5				
			S	51 45				
		PNS	IP	02 51 27.7	C	0.5	33.0	
			S	52 06.5				
APR	10	USCGS	04 43 54, 51.2N, 176.1E, H = 33 Km, M = 5.1					
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	05 02 42				119.0
APR	10	PNS	EP	05 57 10.1				
			S	57 47.2				
		LPB	P	05 57 11.5				
			S	57 45				
APR	10	PNS	P	07 38 59.0				
		LPB	EP	07 39 06				
		LPZ	EP	07 39 15				
APR	10	PNS	P	09 25 13.1		0.3	10.6	
		LPB	EP	09 25 17.5				
APR	10	PNS	EP	09 55 08.8				
		LPB	EP	09 55 10				
			S	55 28				
		LPZ	EP	09 55 11				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	10	PNS	P	10 01 16.1				
		LPB	P	10 01 23				
APR	10	PNS	IP	10 36 39.8	D	0.5	103.1	
			S	37 10.0				
		LPB	P	10 36 44				
			S	37 18				
		LPZ	EP	10 36 50				
APR	10	LPB	EP	12 00 23				
		PNS	EP	12 00 29				
		LPZ	EP	12 00 30				
APR	10	TRJ	P	13 08 52.[illegible]	C			
APR	10	LPB	P	14 20 50.5				
		PNS	IP	14 20 56.3	C	0.7	38.1	
APR	10	TRJ	IP	14 41 35.3	C			
		LPB	EP	14 42 21				
		PNS	IP	14 42 24.6	C	0.7	41.6	
APR	10	USCGS	14 11 22, 37.6N, 73.4E, H = 33 Km, M = 5.5					
			TADZHIK SSR					
		LPB	EPKP	14 30 30				140.4
			EL	15 21 00				
APR	10	USCGS	14 46 50.7, 20.2S, 173.7W, H = 33 Km, M = 5.7					
			TONGA ISLANDS					
		PNS	IP	15 00 28.0	D	1.2	77.8	
		LPB	EPKP	15 00 30				98.0
APR	10	PNS	P	15 02 32.7		0.7	19.4	
APR	10	PNS	P	15 14 05.6				
APR	10	PNS	P	15 36 08.2		0.6	16.4	
APR	10	PNS	IP	16 28 46.3	C	0.9	29.3	
APR	10	PNS	IP	16 46 06.8	D	0.4	17.8	
		LPB	EP	16 46 15				
APR	10	USCGS	19 43 23.2, 15.8S, 172.0W, H = 43 Km, M = 5.3					
			SAMOA ISLANDS REGION					
		LPB	EPKP	19 56 12				98.0
			EL	20 30 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	10	LPB	EP	22 01 27.5				
		PNS	IP	22 01 44.5	C	0.8	42.1	
APR	10	USCGS	22 32 46.6, 17.8S, 178.8W, H = 543 Km, M = 5.9					
		FIJI ISLANDS REGION						
		LPB	EP	22 45 04				103.3
			S	57 03				
			PS	23 00 42				
			EL	24 00				
		PNS	EL	22 45 52.4				
APR	10	PNS	EP	23 05 08.8				
		LPB	EP	23 05 32				
APR	10	USCGS	22 53 04.8, 13.4S, 170.3E, H = 644 Km, M = 6.2					
		NEW HEBRIDES ISLANDS REGION						
		PNS	PKP	23 10 39.4				
		LPB	EL	23 47 00				114.7
APR	11	USCGS	00 11 08.8, 42.7S, 173.9E, H = 7 Km, M = 6.2					
		SOUTH ISLAND, NEW ZEALAND						
		LPB	EP	00 24 49				97.9
			ESKS	35 38				
			G	52 00				
			L	56.4				
		PNS	EP	00 24 49.3		0.7	48.0	
			(PP)	28 56				
		LPZ	L	00 25 00				
APR	11	USCGS	00 46 44.5, 32.7N, 115.5W, H = 17 Km, M = 4.5					
		CALIFORNIA MEXICO BORDER						
		LPB	EP	00 57 27				66.3
			EL	01 18 00				
		LPZ	L	01 18 00				
APR	11	USCGS	01 16 10, 28.8N, 43.2W, H = 33 Km, M = 4.8					
		NORTH ATLANTIC RIDGE						
		LPB	P	01 25 11.5		1.2	32.5	51.0
		PNS	IP	01 25 11.7	C	0.7	48.9	
		LPZ	P	01 25 13				
APR	11	TRJ	P	04 18 17.0	C			
APR	11	TRJ	EP	04 40 56.0	D			
		PNS	IP	04 41 13.8	C	0.6	19.4	
			S	42 11.3				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	11	PNS	P	04 50 24.8				
		LPB	P	04 50 25.5				
APR	11	USCGS	04 59 39.3, 19.8N, 109.2W, H = 33 Km, M = 5.0					
		REVILLA GIGEDO ISLANDS REGION						
		PNS	IP	05 09 01.3	C	0.9	83.6	
		LPB	EP	05 09 04		1.0	35.0	54.1
			S	16 46				
			G	22.8				
			L	26.3				
		LPZ	EP	05 09 04				
			EL	26.3				
		TRJ	EP	05 09 43.7	D			
APR	11	PNS	P	07 25 34.6	D	0.3	29.3	
			S	26 02.4				
APR	11	PNS	P	08 51 28.4				
APR	11	PNS	(P)	09 58 45				
APR	11	PNS	P	10 19 29.0				
APR	11	PNS	P	16 57 02.2				
APR	11	PNS	EP	17 35 33				
APR	11	PNS	IP	20 57 41.8	C	0.7	60.4	
APR	11	LPB	EP	23 39 48				
		PNS	P	23 39 52.3		0.5	36.9	
APR	12	USCGS	00 43 04, 3.5N, 77.3W, H = 178 Km, M = 4.4					
		NEAR WEST COAST OF COLOMBIA						
		PNS	P	00 47 41.9		0.6	18.3	
		LPB	P	00 47 45.2		1.0	20.0	21.9
			EL	58 00				
		LPZ	EP	00 47 46				
			L	58.9				
		SMB	IP	00 48 21.8	C			
APR	12	USCGS	03 59 40.2, 56.6N, 152.7W, H = 33 Km, M = 5.3					
		KODIAK ISLAND REGION						
		LPB	EL	04 45 00				101.1

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	12	SCS	IP	04 01 54.1	C			
		LPB	IP	04 02 01.0				
			S	02 36				
		LPZ	EP	04 02 01.5				
		PNS	IP	04 02 05.2	C	0.6	216.1	
		SMB	IP	04 02 08.6	D			
		TRJ	P	04 02 14.9	D			
APR	12	TRJ	P	04 23 18.3	C			
			(S)	23 49.0				
APR	12	USCGS	04 36 11.6, 52.7N, 167.4W, H = 16 Km, M = 5.1					
		FOX ALEUTIAN ISLANDS						
		LPB	EP	04 50 45				108.9
			ES	05 01 00				
			EL	28 00				
APR	12	PNS	P	07 34 29.5		0.7	51.7	
		LPB	P	07 34 34.4				
			S	35 12				
		LPZ	EP	07 34 35				
APR	12	LPZ	IP	07 48 49				
		LPB	IP	07 48 58.0	D	0.6	69.0	
			S	49 24.8				
		PNS	IP	07 48 58.9	D	0.7	122.6	
APR	12	PNS	IP	07 55 46.4	D	0.5	41.9	
			S	56 19.0				
		LPB	P	07 55 51				
			S	56 27				
		LPZ	EP	07 55 51				
APR	12	LPB	EP	08 38 36				
		PNS	P	08 38 41		0.9	36.0	
APR	12	LPB	EP	08 44 25				
		PNS	P	08 44 46.7		0.5	28.6	
APR	12	PNS	IP	08 53 53.5	D	0.3	8.6	
		LPB	EP	08 54 15				
APR	12	USCGS	08 51 16.7, 32.5S, 178.1W, H = 22 Km, M = 4.9					
		SOUT OF KERMADEC ISLANDS						
		LPB	EP	09 04 26				97.0
			EL	36.8				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	12	PNS	EP	09 08 31.3				
		LPB	EP	09 08 41				
APR	12	PNS	IP	11 17 06.9	C	0.5	43.8	
			S	17 31.0				
		LPB	EP	11 17 09				
APR	12	PNS	(P)	11 58 16				
APR	12	PNS	EP	14 08 47				
			S	09 27.5				
APR	12	PNS	IP	15 15 58.7	C	0.4	81.0	
			S	16 21.6				
		LPB	EP	15 15 59				
APR	12	LPB	EP	16 06 34				
APR	12	USCGS	15 50 39.8, 32.7S, 178.3W, H = 77 Km,					
		HONSHU, JAPAN						
		LPB	EPKP	16 10 21				148.5
			EL	17 00 00				
APR	12	PNS	IP	16 49 26.7	D	0.7	29.9	
			S	50 03.0				
		LPB	EP	16 49 35				
APR	12	TRJ	IP	18 39 27.1	C			
			S	39 58.4				
APR	12	USCGS	19 36 41.7, 26.5S, 70.8W, H = 52 Km, M = 5.4					
		NEAR COAST OF NORTHERN CHILE						
		LPB	EP	19 39 08		0.8	66.5	11.2
			ES	40 42				
			L	41.3				
		SMB	P	19 39 10.1	D			
		LPZ	P	19 39 11.5				
			(S)	40 13				
		PNS	IP	19 39 59.0	C	0.7	38.1	
APR	12	PNS	EP	19 47 11.7				
APR	12	USCGS	20 26 15.3, 32.3S, 178.5W, H = 167 Km, M = 5.9					
		SOUTH OF KERMADEC ISLANDS						
		LPB	EP	20 39 35				97.7
			PP	43 11				
			S	50 12				
			L	11.4				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	12	USCGS	20 41 16.3, 30.2N, 138.5E, H = 421 Km, M = 5.8					
			SOUTH OF HONSHU, JAPAN					
		PNS	(IPKP)	21 00 25.6	C	0.9	284.4	
		LPB	IPKP	21 00 26.4	C			151.8
			IPKP2	00 37.2				
			EL	33 00				
		LPZ	PKP	21 00 27				
			IPKP2	00 38.5				
			EL	23 00				
		SMB	IP	21 00 54.7	D			
APR	13	TRJ	IP	00 02 07.0	C			
		LPB	EP	00 02 11				
			S	03 13				
		LPZ	EP	00 02 12				
		PNS	P	00 02 13.4		0.4	24.3	
APR	13	PNS	P	04 35 58.9		0.4	15.5	
		LPB	EP	04 36 08				
APR	13	PNS	IP	05 14 51.2	D	0.5	271.2	
			(S)	15 13.3				
		LPB	P	05 14 51.5				
			S	15 14				
APR	13	PNS	IP	07 06 45.0	D	0.4	31.0	
APR	13	TRJ	P	07 55 54.0	C			
			S	56 23.5				
APR	13	LPB	EP	08 49 10				
		LPZ	EP	08 49 12				
		PNS	P	08 49 13.7		0.4	50.9	
			S	49 35.9				
APR	13	PNS	IP	09 12 21.8	D	0.3	360.2	
		LPB	IP	09 12 24.7	D			
		LPZ	EP	09 12 25				
APR	13	LPB	EP	10 03 22				
		PNS	IP	10 03 30.9	D	0.5	18.6	
APR	13	TRJ	IP	10 06 54.9	C			
APR	13	PNS	P	10 44 39.2		0.2	79.7	
APR	13	PNS	IP	12 11 49.4	C	0.3	26.5	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	13	TRJ	P	13 36 18.1	D			
APR	13	TRJ	IP	15 16 30.4	C			
APR	13	PNS	EP	16 36 37.8		0.4	79.7	
			S	37 08.1				
		LPB	EP	16 36 47				
APR	13	PNS	IP	16 44 39.6	D	0.5	47.8	
		LPB	EP	16 44 45				
		LPZ	EP	16 44 46				
APR	13	USCGS	17 22 38.6, 26.8S, 175.9W, H = 33 Km, M = 5.0					
			SOUTH OF TONGA ISLANDS					
		LPB	EP	17 36 06				97.2
			ES	46 52				
			L	18 08.5				
		LPZ	EL	18 08.7				
APR	13	PNS	IP	18 00 11.0	C	0.3	55.6	
			S	00 43.7				
APR	13	USCGS	17 45 27.2, 51.6N, 159.4E, H = 33 Km, M = 4.9					
			OFF EAST COAST OF KAMCHATKA					
		LPB	EPKP	18 04 13				129.0
			EL	47 00				
APR	13	TRJ	IP	18 47 11.6	C			
			S	47 40.3				
APR	13	TRJ	IP	21 36 07.0	C			
		SMB	IP	21 36 36.4	D			
		LPB	P	21 36 56.5				
			S	37 07				
APR	13	USCGS	22 37 20, 15.4N, 104.8W, H = 33 Km, M = 4.4					
			OFF COAST OF MICHOACAN, MEXICO					
		LPB	P	22 46 01				48.1
			EL	23 02.5				
		TRJ	IP	22 46 22.6	C			
APR	13	TRJ	P	23 31 47.3	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	14	LPB	EP	04 04 12				
		PNS	IP	04 04 14.2	D	0.2	25.8	
APR	14	TRJ	IP	05 19 23.2	C			
APR	14	TRJ	P	05 31 12.8	C			
			S	31 45.3				
APR	14	TRJ	P	05 53 35.5	D			
			(S)	54 19.4				
APR	14	PNS	P	06 50 03.0				
APR	14	USCGS	08 23 34.7, 1.2S, 78.8W, H = 59 Km, M = 4.6					
		ECUADOR						
		PNS	EP	08 27 47				
		LPB	EP	08 27 51				18.4
		LPZ	EP	08 27 54				
		SMB	EP	08 28 33.1				
		TRJ	EP	08 28 52.7	C			
APR	14	LPB	EP	09 49 53				
		PNS	P	09 49 55.5				
APR	14	USCGS	10 18 49.2, 18.1N, 94.1W, H = 106 Km, M = 4.7					
		GULF OF CAMPECHE						
		LPB	EP	10 26 30				43.7
		PNS	IP	10 26 33.2	C	0.5	22.5	
APR	14	USCGS	10 47 02, 31.6S, 67.5W, H = 29 Km, M = 4.5					
		SAN JUAN PROVINCE, ARGENTINA						
		TRJ	P	10 49 37.4	C			
		LPB	EP	10 50 31				14.6
		LPZ	EP	10 50 32				
		PNS	EP	10 50 40.0				
APR	14	TRJ	P	11 57 46.7	D			
		PNS	IP	11 58 20.5	C	0.6	29.4	
APR	14	USCGS	13 57 42.4, 1.6S, 126.6E, H = 33 Km, M = 5.3					
		MOLUCCA SEA						
		LPB	EPKP	14 17 39				157.0
		PNS	PKP	14 17 40.0				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	14	LPZ	EP	14 27 56				
		LPB	P	14 27 59				
		PNS	P	14 28 04.9		0.5	11.2	
APR	14	LPB	P	14 33 03.8				
		LPZ	EP	14 33 05				
		PNS	P	14 33 13.1				
APR	14	TRJ	IP	15 06 30.9	C			
			S	07 02.3				
APR	14	TRJ	IP	15 37 08.9	C			
		LPB	EP	15 37 53				
		PNS	P	15 37 55.5		0.3	8.5	
APR	14	LPB	EP	17 45 40				
		PNS	EP	17 45 40				
APR	14	TRJ	IP	18 10 56.5	C-			
APR	14	PNS	IP	18 15 13.1	C	1.0	36.7	
APR	14	PNS	EP	20 24 26				
APR	14	PNS	IP	22 51 06.6	D	0.2	28.1	
APR	14	PNS	P	22 55 18.3		0.8	28.1	
APR	14	LPB	EP	23 33 34				
		PNS	IP	23 33 41.3	D	0.8	106.5	
APR	15	PNS	EP	01 07 23.4				
APR	15	USCGS	01 21 47.5, 6.9N, 73.0W, H = 161 Km, M = 5.0					
		NORTHERN COLOMBIA						
		PNS	P	01 26 43.8		0.5	14.0	
		LPB	EP	01 26 46				23.7
APR	15	LPZ	EP	02 03 10				
		PNS	P	02 03 11.5				
			I	05 37.2	C			
		LPB	EP	02 03 37				
		TRJ	IP	02 05 10.2	C			
			S	05 42.5				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	15	LPB	EP	04 33 13				
		LPZ	EP	04 33 14				
		PNS	EP	04 33 14.3				
APR	15	PNS	IP	09 09 36.0	C	0.2	22.5	
			S	09 57.4				
APR	15	PNS	IP	11 51 27.8	D	0.4	20.0	
APR	15	LPB	EP	12 53 25				
APR	15	PNS	EP	14 54 53.7				
APR	15	PNS	IP	15 24 22.8	C	0.2	15.0	
			S	24 44.0				
		LPB	EP	15 24 29				
APR	15	PNS	IP	18 49 06.4	C	0.3	25.5	
APR	15	LPB	EP	19 13 35				
		LPZ	EP	19 13 36				
		PNS	EP	19 13 38.0		0.9	49.2	
APR	15	PNS	P	21 27 34.7		0.6	38.7	
APR	15	PNS	IP	22 00 09.3				
APR	15	USCGS	22 09 52, 50.2S, 113.4E, H = 33 Km, M = 5.1					
		SOUTHEAST INDIAN RISE						
		LPB	EPKP	22 28 30				113.7
			PS	38 14				
			EL	23 02 00				
		LPZ	EL	23 00.6				
APR	15	PNS	EP	23 56 46.7				
APR	16	USCGS	00 15 52.3, 22.3S, 175.5W, H = 120 Km, M = 4.8					
		TONGA ISLANDS REGION						
		LPB	EP	00 29 26				110.0
			L	01 01.7				
APR	16	TRJ	P	02 20 39.9	D			
APR	16	PNS	EP	03 01 34.0		0.3	10.1	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	16	PNS	IP	03 53 42.4	C	0.3	27.0	
			S	54 04.6				
APR	16	PNS	IP	04 25 47.4	D	0.2	16.2	
		LPB	EP	04 25 52				
APR	16	TRJ	EP	08 43 29.5	D			
APR	16	USCGS	09 59 06.2, 20.1S, 169.2E, H = 62 Km, M = 5.0					
		NEW HEBRIDES ISLANDS						
		LPB	EPKP	10 17 35				112.5
			EL	43 00				
APR	16	PNS	EP	11 05 25.9				
			S	06 31.8				
		LPB	EP	11 05 38				
			(S)	06 46				
		LPZ	EP	11 05 39				
APR	16	USCGS	10 55 41.1, 6.3S, 154.7E, H = 127 Km, M = 5.8					
		SALOMON ISLANDS						
		LPB	EPKP	11 14 43				131.8
			EL	12 01 00				
APR	16	LPB	EP	11 42 38				
		PNS	EP	11 42 38.6				
		LPZ	EP	11 42 40				
APR	16	USCGS	12 51 48.7, 21.7S, 68.1W, H = 127 Km, M = 5.0					
		CHILE-BOLIVIA BORDER REGION						
		TRJ	IP	12 52 43.4	D			
			S	53 22.4				
		SCS	IP	12 52 58.1	D			
		LPZ	P	12 53 06.0				
			S	54 03				
		LPB	IP	12 53 07.0	D	0.6	54.0	5.2
			S	54 03				
		SMB	P	12 53 09.9	D			
		PNS	IP	12 53 10.2	D	0.3	202.7	
			S	54 04.0				
APR	16	PNS	EP	15 45 41.3		0.5	11.1	
APR	16	TRJ	IP	16 20 03.1	C			
			(S)	20 35.0				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	16	TRJ	IP	17 02 06.6	D			
			S	02 31.3				
		LPB	EP	17 03 17				
		PNS	P	17 03 19.0		0.5	35.3	
			S	04 21.9				
APR	16	PNS	(P)	17 21 32				
APR	16	TRJ	IP	20 07 46.5	C			
APR	16	SCS	IP	21 17 22.6	D			
		PNS	IP	21 17 22.7	D	0.9	340.1	
		LPB	IP	21 17 23.2	D			
			S	17 54				
APR	16	USCGS	22 54 23.5, 31.3S, 68.0W, H = 151 Km, M = 4.6					
		SAN JUAN PROVINCE, ARGENTINA						
		TRJ	EP	22 56 50.7	D			
		LPZ	EP	22 57 49				
		LPB	EP	22 57 49.5				14.8
		PNS	IP	22 57 52.0	D	0.8	86.7	
APR	16	USCGS	23 22 18.6, 64.7N, 160.1W, H = 5 Km, M = 5.8					
		CENTRAL ALASKA						
		LPB	EP	23 36 09				105.4
			ES	48 25				
			ESS	55 38				
			L	00 07.5				
APR	16	PNS	IP	23 40 32.7				
		LPB	EP	23 40 47				
		LPZ	EP	23 40 50				
APR	17	USCGS	00 00 29.7, 52.6N, 173.1E, H = 43 Km, M = 5.1					
		ALEUTIAN NEAR ISLANDS						
		LPB	EPKP	00 19 19				120.7
			EL	59 00				
APR	17	LPB	EP	01 04 46				
		PNS	EP	01 04 49.5				
			S	05 42				
APR	17	PNS	EP	01 22 38.2				
			S	23 25.6				
		LPB	EP	01 22 44				
APR	17	TRJ	P	02 02 05.1	C			
		LPB	EP	02 02 17				
		PNS	P	02 02 20.4				
			S	03 17.5				
		LPZ	EP	02 02 36				
				33				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	17	LPB	EPKP	03 04 17				
			L	46.5				
APR	17	PNS	P	03 35 02.6				
			S	35 30.5				
APR	17	LPB	P	04 15 43.5				
		PNS	IP	04 15 43.6	D	0.4	61.9	
			S	16 08.0				
APR	17	USCGS	04 28 17.5, 30.N, 143.6E, H = 37 Km, M = 4.6					
		SOUTH OF HONSHU, JAPAN						
		PNS	(PKP)	04 48 02.5				
		LPB	EPKP	04 48 03				148.2
APR	17	LPB	EP	05 41 12				
		PNS	P	05 41 14.0		0.4	17.0	
APR	17	PNS	IP	08 26 59.5	D	0.3	11.8	
APR	17	PNS	IP	09 16 16.5	D	0.3	47.3	
		LPB	EP	09 16 17				
APR	17	TRJ	IP	11 37 19.9	C			
APR	17	PNS	(EP)	12 33 02				
		LPB	EP	12 33 06				
APR	17	TRJ	P	14 58 35.4	D			
			S	59 16.5				
		LPB	P	14 59 07				
		PNS	IP	14 59 08.0	C	0.7	21.2	
APR	17	PNS	IP	16 40 35.4	C	0.5	16.7	
		LPB	EP	16 40 43				
APR	17	TRJ	P	17 15 40.1	C			
			S	16 12.5				
APR	17	PNS	IP	17 20 24.9	D	0.4	17.0	
APR	17	PNS	(P)	19 39 37				
APR	17	TRJ	IP	21 01 48.9	C			
		LPB	P	21 02 12	C	0.7	1.3	
		PNS	IP	21 02 16.9	C	0.5	46.4	
			S	03 10.8				
				34				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	18	PNS	EP	00 40 33.6				
APR	18	LPB	EP	01 13 02				
		PNS	IP	01 13 05.2	D	0.6	24.6	
APR	18	PNS	IP	03 41 08.4	D	0.7	23.8	
APR	18	LPB	EP	04 32 26				
		PNS	IP	04 32 26.8	D	0.2	51.1	
APR	18	USCGS	05 44 29.1, 7.6N, 82.3W, H = 33 Km, M = 4.6					
		SOUTH OF PANAMA						
		LPB	E(P)	05 49 09				24.3
		PNS	EP	05 50 14				
APR	18	USCGS	06 33 58.8, 41.5N, 127.1W, H = 20 Km, M = 5.6					
		OFF COAST OF N. CALIFORNIA						
		PNS	IP	06 46 04.6	C	2.3	396.5	
		LPB	P	06 46 05.5	C	1.1	31.0	79.9
			S	56 11				
			L	07 13.8				
		TRJ	EP	06 46 36.7	C			
APR	18	PNS	P	07 12 20.0				
APR	18	TRJ	IP	07 46 10.8				
		LPB	P	07 47 06				
		PNS	IP	07 47 09.3	D	0.3	28.7	
APR	18	USCGS	08 06 39.5, 4.7S, 151.7E, H = 142 Km, M = 5.2					
		NEW BRITAIN REGION						
		LPB	EPKP	08 25 33				135.4
			ESKS	33 12				
			EL	09 10 00				
		PNS	PKP	08 25 48.0	C	0.9	35.0	
			PP	29 06.6				
APR	18	USCGS	09 39 18.7, 59.8S, 26.8W, H = 29 Km, M = 5.9					
		S. SANDWICH ISLANDS REGION						
		TRJ	IP	09 47 49.1	D			
		SMB	(IP)	09 48 09.9	(C)			
		LPB	P	09 48 31.5	C	1.0	190.0	52.4
			IS	55 59				
			G	59.9				
			EL	10 05 00				
		LPZ	EP	09 48 33				
			S	56 03				
			EL	10 05.5				
		PNS	P	09 48 35.0				
			IP	48 36.8	C			
			S	56 05.9				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	18	LPB	EP	10 19 02				
		PNS	I(P)	10 19 02.8				
APR	18	TRJ	IP	10 29 53.9	D			
		LPB	EP	10 30 32.4				
		PNS	IP	10 30 41.2	D	0.7	39.8	
APR	18	TRJ	P	10 40 48.4	C			
			S	41 16.9				
		LPB	P	10 41 28.5				
		PNS	IP	10 41 32.6	C	0.5	24.1	
APR	18	TRJ	P	11 01 36.6	C			
		LPB	EP	11 02 22				
		PNS	EP	11 02 24.7				
APR	18	PNS	IP	11 16 47.9	D	0.5	27.8	
APR	18	USCGS	12 23 05.2, 1.3N, 79.7W, H = 55 Km, M = 4.3					
		NEAR COAST OF ECUADOR						
		LPB	P	12 27 43.0				20.9
			EL	33 00				
		PNS	IP	12 27 44.3	D	0.5	27.8	
		LPZ	EL	12 33 00				
APR	18	USCGS	12 41 54.9, 59.7S, 26.4W, H = 25 Km, M = 5.8					
		SOUTH SANDWICH ISLANDS REGION						
		TRJ	(P)	12 50 24.9	D			
		SMB	P	12 50 47.0	C			
		LPB	P	12 51 09.5	C	0.9	71.4	52.7
			IS	58 35				
			G	13 03.8				
			L	08.3				
		PNS	IP	12 51 13.0	C	0.9	256.0	
			S	58 40.9				
		LPZ	EP	12 51 15				
			S	58 38				
			EL	13 07.9				
APR	18	USCGS	13 03 06, 11.8N, 89.8W, H = 33 Km, M = 4.6					
		OFF COAST OF CENTRAL AMERICA						
		PNS	EP	13 10 11.1		0.8	27.8	
APR	18	LPB	EP	13 21 35				
		PNS	P	13 21 38.9				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	18	TRJ	P	13 27 12.3	C			
		LPB	EP	13 27 32		0.9	27.2	
		PNS	IP	13 27 41.4	D	0.5	26.0	
APR	18	LPB	P	13 33 17.5				
		PNS	P	13 33 21.2		0.7	26.5	
APR	18	USCGS	14 08 01.4, 26.9S, 176.1W, H = 33 Km, M = 5.2					
		SOUTH OF FIJI ISLANDS						
		LPB	EP	14 21 37				97.6
			EL	54 00				
		PNS	IP	14 21 38.8	D	0.9	28.0	
		LPZ	EL	14 54 00				
APR	18	PNS	EP	15 25 28.9				
APR	18	TRJ	IP	15 34 50.6	C			
		PNS	P	15 35 50.0		0.3	13.5	
APR	18	LPB	EP	16 09 13				
		PNS	EP	16 09 23				
APR	18	LPB	EP	16 59 23				
		PNS	P	16 59 32.0		0.4	9.2	
APR	18	LPB	P	18 02 44	D			
		PNS	IP	18 02 48.3	D	0.9	49.0	
APR	18	TRJ	IP	18 34 11.1	C			
			S	34 41.5				
APR	18	PNS	IP	19 03 18.2	D	0.5	76.2	
			S	03 40.0				
		LPB	EP	19 03 19				
APR	18	SCS	P	19 12 34.8	D			
		LPB	EP	19 12 43				
		PNS	IP	19 12 47.5	D	0.6	35.8	
			S	13 20				
APR	18	USCGS	19 27 05.2, 59.8S, 26.5W, H = 33 Km, M = 5.3					
		SOUTH SANDWICH ISLANDS REGION						
		TRJ	IP	19 35 33.2	D			
		SMB	P	19 35 54.3	D			
		LPB	IP	19 36 19.0	C	1.0	37.0	52.5
			EL	55 00				
		PNS	IP	19 36 21.7	C	1.1	206.5	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	18	SCS	IP	20 05 26.2	C			
		LPB	P	20 05 35.3	D			
			S	06 08				
		LPZ	EP	20 05 36				
APR	18	LPB	EP	22 08 09				
		PNS	EP	22 08 31.4		0.9	38.5	
APR	18	USCGS	22 20 27.3, 38.5S, 71.1W, H = 33 Km, M = 4.7					
		S. CHILE-ARGENTINA BORDER						
		LPB	EP	22 25 21				22.0
			S	29 36				
			L	34.7				
		PNS	EP	22 25 23.8				
APR	18	LPB	EP	23 16 27				
		PNS	EP	23 16 27				
APR	19	USCGS	23 41 58.8, 34.9N, 138.0E, H = 36 Km, M = 5.6					
		NEAR S. COAST HONSHU, JAPAN						
		PNS	PKP	00 01 44.0				
		LPB	EPKP	00 01 44				150.3
			PKP2	01 50.5				
			SS	24 28				
			G	44.8				
			EL	56 00				
		LPZ	EPKP	00 01 45				
			PKP2	01 50.5				
APR	19	TRJ	(P)	07 35 28.9	D			
APR	19	TRJ	P	07 47 00.5	D			
		PNS	EP	07 48 01.0				
		LPB	EP	07 48 08				
APR	19	USCGS	08 06 00, 1.8N, 98.5E, H = 55 Km, M = 5.5					
		NORTHERN SUMATRA						
		LPB	EPKP	08 25 53				160.9
		TRJ	(P)	08 25 53.2	D			
		PNS	PKP	08 26 13.9				
APR	19	LPB	EP	11 01 54				
		PNS	IP	11 01 54.7	D	0.5	13.1	
APR	19	PNS	P	13 31 15.8		0.8	21.9	
APR	19	PNS	IP	14 30 33.6	D	0.3	32.8	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	19	LPB	P	14 44 30				
		PNS	P	14 44 33.7		0.8	43.8	
APR	19	PNS	IP	16 50 48.3	C	0.4	43.8	
		LPB	EP	16 50 53				
			S	51 32				
		LPZ	EP	16 50 53.5				
		SCS	IP	16 50 55.2				
APR	19	LPB	EP	19 04 08				
		PNS	P	19 04 10.0		0.5	16.4	
APR	20	SMB	IP	02 41 40.7	D			
		SCS	IP	02 42 21.8				
		LPB	P	02 42 22.5				
			I	42 30.2				
			IS	43 16				
			L	44 33				
		PNS	IP	02 42 29.1	D	0.9	21.3	
APR	20	PNS	P	04 18 12.3		0.4	19.1	
APR	20	USCGS	06 43 08.8, 52.4N, 172.0E, H = 35 Km, M = 5.5					
		ALEUTIAN NEAR ISLANDS						
		LPB	EPKP	07 01 53				121.3
			ESS	20 09				
			EL	40 00				
APR	20	USCGS	06 50 17.6, 54.6N, 161.4E, H = 33 Km, M = 5.3					
		NEAR EAST COAST OF KAMCHATKA						
		PNS	PP	07 09 15.2	D			
		LPB	PKP	07 09 19.5	D	0.8	14.0	126.5
			SS	28 36				
			L	49 00				
APR	20	USCGS	06 54 45.0, 38.9N, 138.8E, H = 44 Km, M = 4.6					
		NEAR W. COAST HONSHU, JAPAN						
		LPB	EPKP	07 14 26				147.1
		PNS	EPKP	07 14 26.7		1.2	60.3	
APR	20	PNS	P	09 18 40.6		0.4	16.4	
APR	20	PNS	P	10 10 08.5		0.2	26.7	
			S	10 29.8				
APR	20	USCGS	11 22 44, 4.1S, 104.3E, H = 33 Km, M = 4.7					
		SOUTHERN SUMATRA						
		PNS	EPKP	11 43 13.2		1.1	63.9	
		LPB	EPKP	11 43 14				157.5

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	20	USCGS	13 12 46, 14.3N, 92.2W, H = 84 Km, M = 4.4					
		NEAR COAST OF CHIAPAS, MEXICO						
		LPB	EP	13 19 57				39.2
		PNS	EP	13 20 01		0.9	49.6	
APR	20	PNS	EP	13 24 40				
		LPB	EP	13 24 45				
APR	20	PNS	IP	16 04 11.8	D		999	
		LPB	IP	16 04 15.0	D	0.7	182.5	
			S	04 43				
		LPZ	P	16 04 15				
APR	20	LPB	EP	16 24 04				
			PP	26 32				
		PNS	EP	16 24 04				
APR	20	PNS	P	16 50 38.6		0.2	30.8	
APR	20	USCGS	17 15 19.4, 14.8N, 146.9E, H = 60 Km, M = 5.8					
		MARIANA ISLANDS						
		PNS	PKP	17 34 57.2				
		LPB	PKP	17 34 57.6				147.2
			EL	18 25 00				
		LPZ	PKP	17 35 00				
APR	20	PNS	IP	21 08 20.9	D	0.4	17.8	
APR	20	USCGS	21 31 38, 25.9S, 63.1W, H = 600 Km, M = 4.1					
		SALTA PROVINCE, ARGENTINA						
		LPB	IP	21 34 02.0	D	1.0	35.0	10.6
			S	35 56.5				
		PNS	IP	21 34 06.1	D	0.3	25.4	
			S	36 04.4				
APR	21	SMB	IP	03 11 21.5	C			
		CCH	EP	03 12 00.9	D			
		LPB	EP	03 12 12				
		LPZ	EP	03 12 12				
		PNS	IP	03 12 17.5	C	0.3	20.3	
APR	21	PNS	EP	14 43 42.8		0.9	26.8	
		LPB	EP	14 43 45		1.0	30.0	
			S	47 22				
			L	48.3				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	21	USCGS	20 34 22.8, 19. N, 108.1W, H = 33 Km, M = 4.9					
			REVILLA GIGEDO ISLANDS REGION					
		PNS	P	20 43 37.3		0.9	80.5	
		LPB	EP	20 43 40				52.7
			ES	51 19				
APR	21	PNS	IP	21 15 52.8	D			
			S	16 15.5				
		LPB	EP	21 15 55				
			S	16 18				
		LPZ	EP	21 15 56				
APR	21	USCGS	21 28 22.6, 18.8N, 107.9W, H = 30 Km, M = 4.3					
			OFF COAST OF JALISCO, MEXICO					
		PNS	P	21 37 39.5		0.9	30.6	
		LPB	EP	21 37 42				52.7
APR	21	PNS	P	22 32 34.4				
APR	21	USCGS	22 52 48.4, 38.1N, 141.5E, H = 14 Km, M = 4.4					
			NEAR E. COAST HONSHU, JAPAN					
		PNS	IPKP	23 12 20.8	C	1.0	75.1	
		LPB	PKP	23 12 23.0				146.5
APR	22	USCGS	01 05 50.2, 14.3S, 167.3E, H = 204 Km, M = 5.3					
			NEW HEBRIDES ISLANDS					
		LPB	EL	01 48 00				126.7
APR	22	USCGS	01 39 55.4, 6.7N, 73.3W, H = 178 Km,					
			NORTHERN COLOMBIA					
		PNS	IP	01 44 49.1	C	0.7	101.6	
			S	45 24.0				
		LPB	EP	01 44 52				23.6
			PP	45 26				
			S	48 53				
		LPZ	EP	01 44 52				
APR	22	PNS	P	02 31 06.2		0.3	91.4	
		LPB	IP	02 32 02.5	C	0.9	29.8	
APR	22	PNS	IP	03 51 59.8	C			
APR	22	LPB	IP	06 42 49.5		0.5	52.0	
			I(S)	43 20				
		PNS	IP	06 42 49.9	D			
		LPZ	IP	06 42 50				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	22	PNS	IP	08 21 19.6	D	0.4	99.2	
			S	21 42.5				
		LPB	P	08 21 21.6				
			S	21 45				
		LPZ	EP	08 21 22				
APR	22	LPB	EP	14 40 30				
		PNS	P	14 40 41.5				
APR	22	PNS	P	16 38 24.0		0.6	21.5	
APR	22	PNS	IP	18 26 52.3	D	0.5	13.8	
		LPB	EP	18 26 56				
APR	22	PNS	P	18 38 10.4				
APR	22	USCGS	22 13 54.7, 5.6S, 78.6W, H = 18 Km, M = 5.1					
			NORTHERN PERU					
		PNS	IP	22 17 21.8	D	0.9	22.4	
			IPP	17 30.8	C			
		LPB	EP	22 17 27				14.9
			S	21 32				
			(L)	22.5				
		LPZ	EP	22 17 30				
		SMB	EP	22 18 17.2	C			
APR	23	PNS	EP	00 05 48.8				
APR	23	USCGS	01 05 56, 16.2N, 96.0W, H = 34 Km, M = 4.0					
			OAXACA, MEXICO					
		PNS	IP	01 13 46.5	D	0.9	29.9	
APR	23	PNS	IP	03 57 09.4	D	0.3	97.0	
		LPB	EP	03 57 11				
		LPZ	EP	03 57 13				
APR	23	LPB	EP	04 08 23				
		PNS	P	04 08 27				
APR	23	USCGS	05 06 02.2, 19.2N, 108.2W, H = 33 Km, M = 4.6					
			REVILLA GIGEDO ISLANDS REGION					
		PNS	IP	05 15 15.2	C	0.9	37.2	
		LPB	P	05 15 18.3		1.0	13.0	52.8
			L	34.2				
		LPZ	EP	05 15 20				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	23	PNS	IP	07 21 22.0	C	0.5	33.5	
		LPB	P	07 21 26.7				
		LPZ	EP	07 21 28				
APR	23	PNS	EP	13 50 32				
APR	23	CCH	EP	21 07 41.6	C			
APR	23	SMB	IP	22 07 39.5	C			
		LPB	P	22 07 58.8				
		PNS	IP	22 08 03.3	D	0.5	15.8	
			S	09 18.1				
APR	23	LPB	EP	22 21 41				
		PNS	IP	22 21 44.6	C	0.9	37.2	
APR	23	PNS	IP	22 43 27.5	D	1.0	197.6	
		LPB	IP	22 43 33	D	1.0	30.0	
			S	44 10				
APR	24	PNS	EP	00 05 14.4				
		LPB	P	00 05 21.5				
APR	24	CCH	EP	01 49 45.9	C			
APR	24	PNS	IP	02 15 47.0	D	0.7	21.6	
APR	24	PNS	E(P)	03 02 32				
		LPB	EP	03 02 33				
APR	24	USCGS	03 06 00.3, 7.3N, 126.6E, H = 95 Km, M = 5.0					
		MINDANAO PHILIPPINE ISLANDS						
		PNS	(PKP)	03 25 53				
		LPB	EPKP	03 25 57				163.3
			SS	50 36				
			EL	04 21 00				
APR	24	PNS	IP	05 26 50.6	D	0.2	21.3	
			S	27 13.3				
APR	24	LPB	EP	06 54 38				
			S	56 53				
			EL	57.7				
		PNS	EP	06 54 39.9				
		SMB	EP	06 54 44.8	C			
APR	24	TRJ	(P)	06 56 03.3	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	24	LPB	EP	07 08 57				
		PNS	P	07 18 36.5				
			S	19 05.8				
APR	24	PNS	P	07 54 30.9		0.5	94.7	
			S	54 53.0				
		LPB	P	07 54 33.0				
APR	24	USCGS	08 02 26.3, 19.2N, 121.2E, H = 43 Km, M = 5.0					
		PHILIPPINE ISLANDS REGION						
		LPB	PKP	08 22 34.7				170.1
			EL	09 01 00				
		PNS	IPKP	08 22 35.0	D	1.1	51.6	
			PP	27 45				
		LPZ	EPKP	08 22 36				
			EL	09 01 00				
APR	24	LPB	EP	12 06 02		1.0	40.0	
		PNS	EP	12 06 04.8		0.7	66.3	
			S	07 16.5				
APR	24	PNS	IP	12 36 33.7	C	0.3	173.8	
			S	37 05.3				
		LPB	P	12 36 39				
			S	37 16				
		LPZ	EP	12 36 40				
APR	24	PNS	P	12 57 59.2				
			S	58 24.6				
APR	24	USCGS	13 19 21.8, 16.4N, 97.7W, H = 33 Km, M = 4.1					
		OAXACA, MEXICO						
		PNS	(EP)	13 27 19				
APR	24	USCGS	18 29 18.3, 17.7S, 69.6W, H = 159 Km, M = 4.4					
		PERU-BOLIVIA BORDER REGION						
		SCS	IP	18 29 46.8	D			
		LPB	IP	18 29 53.6	C	0.6	246.0	1.5
			IS	30 29				
		LPZ	EP	18 29 54				
			IS	30 31				
		PNS	IP	18 29 54.9	C	0.6	465.4	
		CCH	IP	18 29 59.9	D			
		TRJ	IP	18 30 17.3	D			
		SMB	IP	18 30 22.4	C			
APR	24	TRJ	IP	18 32 17.3	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	24	USCGS	21 55 26.5, 11.4N, 140.1E, H = 59 Km, M = 5.7					
			WEST CAROLINE ISLANDS					
		PNS	IPKP	22 15 12.9	C	1.8	482.0	
		LPB	PKP	22 15 13.0	C			150.7
			EPPS	29 20				
			ESS	38 00				
			EL	23 05.8				
		LPZ	EPKP	22 15 14				
			EL	23 06 00				
APR	25	LPB	EP	00 07 57				
		PNS	IP	00 08 01.5	D	0.5	28.0	
		TRJ	P	00 09 14.5	C			
APR	25	USCGS	00 25 14.8, 32.5S, 177.9W, H = 33 Km, M = 4.8					
			SOUTH OF KERMADEC ISLANDS					
		LPB	P	00 39 37				
			S	49 36				
			EL	01 10.2				
		PNS	(P)	00 39 37		0.9	23.1	
		LPZ	EP	00 39 40				
APR	25	USCGS	01 00 11.6, 24.5N, 142.7E, H = 15 Km, M = 6.8					
			VOLCANO ISLANDS REGION					
		PNS	PKP	01 20 00.0		1.3	295.9	
		LPB	PKP	01 20 00				144.4
			SS	42.4				
			L	02 09.4				
		LPZ	EPKP	01 20 01				
			EL	02 10				
		CCH	P	01 20 08.9	C			
		SCS	P	01 20 09.8	D			
APR	25	TRJ	P	01 22 05.3				
APR	25	PNS	I	01 29 44				
APR	25	PNS	IP	02 06 54.7	C	0.9	42.5	
			S	07 18.7				
		LPB	P	02 06 55.7		1.0	15.0	
		LPZ	EP	02 06 56				
APR	25	TRJ	P	03 53 05.0	C			
APR	25	TRJ	IP	03 55 17.5	C			
APR	25	USCGS	05 38 12.6, 6.5N, 94.6E, H = 85 Km, M = 3.2					
			NICOBAR ISLANDS REGION					
		LPB	PKP	05 58 49				160.6
			EL	06 55 00				
		PNS	PKP	05 58 50.5		1.1	113.8	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	25	PNS	IP	05 31 45.0	D	0.5	28.6	
APR	25	PNS	IP	05 36 02.8	D	0.2	23.0	
APR	25	USCGS	06 52 43.1, 5.4S, 151.8E, H = 49 Km, M = 5.4					
			NEW BRITAIN REGION					
		PNS	EPKP	07 12 01		0.6	29.6	
		LPB	EL	07 56 00				134.9
APR	25	PNS	P	07 39 33.3				
APR	25	PNS	IP	09 32 04.6	D	0.3	24.2	
APR	25	TRJ	P	10 16 24.5	D			
APR	25	LPB	EP	12 58 13				
		PNS	(P)	12 58 13				
APR	25	PNS	P	13 30 22.1	D	0.2	40.9	
APR	25	LPB	EP	14 37 24				
		PNS	P	14 37 28.1	C	0.6	27.1	
			S	38 46.7				
APR	25	PNS	EP	16 17 51.0				
			S	18 13.9				
APR	25	TRJ	EP	16 19 09.0	C			
		LPB	P	16 19 26	D	0.7	13.0	
		PNS	IP	16 19 28.4	C	0.5	43.0	
		SMB	IP	16 19 32.6	D			
APR	25	USCGS	21 28 40.5, 29.7N, 130.7E, H = 28 Km, M = 4.9					
			RYUKYU ISLANDS					
		LPB	EPKP	21 48 37				158.4
			EL	22 44 00				
		PNS	E(PKP)	21 48 40.3				
		LPZ	EL	22 45 00				
APR	25	PNS	IP	21 51 10			999	
			S	52 33				
APR	25	USCGS	21 45 54.1, 56.1S, 27.3W, H = 33 Km, M =					
			SOUTH SANDWICH ISLANDS REGION					
		LPB	P	21 54 48				50.2
			EL	22 11.6				
		LPZ	EP	21 54 50				
		PNS	IP	21 54 51.7	C	0.9	177.8	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	26	TRJ	IP	00 00 14.8	C			
APR	26	LPB	EP	00 38 00				
APR	26	USCGS	01 57 14.4, 58.9N, 142.7W, H = 33 Km, M = 5.3					
		GULF OF ALASKA						
		LPB	EP	02 10 55				
			EL	42 00				
		LPZ	EL	02 42 00				
APR	26	PNS	IP	05 18 39.0	D	0.3	77.3	
		LPB	P	05 18 39				
APR	26	TRJ	P	05 38 09.7	C			
APR	26	PNS	P	05 49 24.3		0.3	11.6	
		LPB	P	05 49 27.4	D	0.9	21.2	
			(S)	49 59				
		LPZ	EP	05 49 28				
APR	26	TRJ	EP	07 12 53.3	C			
APR	26	USCGS	08 39 04, 1.3S, 77.8W, H = 193 Km, M = 4.8					
		ECUADOR						
		PNS	IP	08 42 57.0	D	1.2	283.6	
		LPB	P	08 43 02.0	D	0.8	23.0	17.8
			S	46 28				
		LPZ	EP	08 43 02				
			ES	46 30				
		CCH	IP	08 43 21.2				
		SMB	P	08 43 40.5				
		TRJ	P	08 44 01.3	D			
APR	26	TRJ	IP	09 09 24.1	C			
APR	26	USCGS	09 47 25.1, 1.7S, 126.6E, H = 15 Km, M = 5.7					
		MOLUCCA SEA						
		LPB	EPKP	10 07 21				156.6
			SS	32 04				
			EL	11 07 00				
		LPZ	EPKP	10 07 24				
			EL	11 08 00				
		PNS	EPKP	10 07 26.0		1.9	382.9	
APR	26	TRJ	IP	12 03 20.7	C			
		SMB	IP	12 03 56.4	D			
		LPB	EP	12 04 15				
			S	05 29				
		PNS	P	12 04 18.9	C	0.4	17.7	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	26	USCGS	13 27 09.8, 11.2N, 94.2E, H = 33 Km, M = 5.2					
		ANDAMAN ISLANDS REGION						
		LPB	EPKP	13 47 14				162.2
			EL	14 44 00				
APR	26	TRJ	EP	14 01 50.8	C			
			IS	02 33.6	C			
APR	26	SCS	IP	14 59 35.5	D			
APR	26	TRJ	IP	15 49 32.5	D			
		SMB	IP	15 50 09.0	D			
		LPB	EP	15 50 15				
		PNS	EP	15 50 18.0		0.2	13.2	
APR	26	SCS	P	16 26 31.3	D			
APR	26	TRJ	P	18 54 40.9	C			
		PNS	EP	18 55 30				
			S	56 14.5				
APR	26	PNS	IP	19 06 42.7	D	0.4	58.5	
APR	26	LPB	EP	19 14 21				
		PNS	IP	19 14 21.2	D	0.4	19.5	
APR	26	TRJ	IP	19 32 02.1	C			
			IS	32 31.5	C			
APR	26	USCGS	19 23 45, 1.5S, 126.6E, H = 115 Km, M = 5.0					
		MOLUCCA SEA						
		LPB	EPKP	19 43 18				158.4
			EL	20 37 00				
		PNS	PKP	19 43 33.8				
		TRJ	PKP	19 43 38.7	C			
APR	26	TRJ	IP	20 30 45.1	C			
			IS	31 17.6				
		LPB	P	20 31 06.5				
		PNS	IP	20 31 10.0	C	0.4	30.1	
APR	26	USCGS	22 15 42.5, 21.1N, 120.7E, H = 33 Km, M = 5.9					
		TAIWAN REGION						
		PNS	PKP	22 35 51.1		2.0	117.4	
			IPP	40 05.0	C			
		LPB	PKP	22 35 51.5	D			170.1
			IPKP2	47 44				
			EL	23 35 00				
		LPZ	EPKP	22 35 52				
			EL	23 35 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
		CCH	IPKP	22 35 52.03	D			
			EPKP	38 17.04	C			
		TRJ	PKP	22 35 52.5	C			
		SMB	EPKP	22 35 52.6	C			
APR	26	LPB	EP	23 18 16				
		PNS	IP	23 18 17.0	C	0.2	53.1	
APR	27	PNS	EP	02 20 01.0				
		LPB	EP	02 20 13				
APR	27	TRJ	IP	02 51 20.1	C			
APR	27	USCGS	05 24 50, 13.8S, 76.0W, H = 93 Km, M = 4.8					
		NEAR COAST OF PERU						
		PNS	IP	05 26 41.9	D			
			S	28 10.3				
		LPB	IP	05 26 48.5	D	1.0	78.0	7.2
			S	28 19				
			L	30.1				
		LPZ	IP	05 26 50				
		CCH	IP	05 27 16.1	C			
		TRJ	EP	05 27 53.7	C			
APR	27	USCGS	05 46 33, 29.8N, 140.4E, H = 155 Km, M = 4.2					
		SOUTH OF HONSHU, JAPAN						
		PNS	(EPKP)	06 06 09.5		0.9	42.5	
		LPB	EL	06 57 00				150.3
APR	27	USCGS	07 22 13, 10.1N, 62.1W, H = 58 Km, M = 4.6					
		NEAR COAST OF VENEZUELA						
		LPB	EP	07 27 34				27.3
			L	35.3				
		PNS	P	07 27 50.0				
APR	27	LPB	EP	07 28 01				
		LPZ	EP	07 28 07				
		PNS	PP	07 28 09				
		CCH	PP	07 28 17.1				
APR	27	PNS	IP	10 10 11.9		0.3	32.4	
APR	27	PNS	IP	10 11 08.9	D	0.3	49.5	
			S	11 30.9				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	27	USCGS	10 54 28, 7.S, 129.5E, H = 67 Km, M = 5.9					
		BANDA SEA						
		LPB	IPKP	11 14 10.1	C	1.2	123.5	150.6
			SS	37 00				
			L	12 06 00				
		SCS	EP	11 14 10.1	C			
			P	14 14.6	D			
		PNS	IPKP	11 14 10.1	C	1.4	1351.0	
		LPZ	PKP	11 14 11				
		CCH	IP	11 14 11.6	D			
		SMB	EP	11 14 17.2	C			
APR	27	LPB	P	11 45 42				
		LPZ	EP	11 45 44				
		PNS	IP	11 45 49.6	D	0.7	311.4	
			S	46 04.6				
APR	27	PNS	IP	12 37 32.9	D		999	
		LPB	IP	12 37 35.8	D	0.5	28.0	
			S	38 12				
		LPZ	P	12 37 38				
		CCH	EP	12 37 38.8	D			
		SCS	IP	12 37 40.7	C			
APR	27	TRJ	EP	12 45 06.4				
		LPB	EP	12 46 19				
APR	27	PNS	(P)	13 44 16				
APR	27	PNS	IP	14 15 02.1	C	0.5	92.1	
			S	15 25.2				
		LPB	EP	14 15 05				
APR	27	USCGS	14 09 07.1, 35.7N, 23.5E, H = 50 Km, M = 5.5					
		CRETE						
		TRJ	EP	14 22 50.4	D			
			(P)	23 30.0	D			
		PNS	EPKP	14 22 55				
			EPP	27 08.4				
		LPB	SS	14 41 22				102.0
			EL	56.3				
APR	27	PNS	IP	15 13 48.8	D	1.5	303.6	
		LPB	EP	15 13 50				
APR	27	TRJ	P	19 05 02.8	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	27	USCGS 20 09 18, 1.5N, 85.2W, H = 33 Km, M = 5.5 OFF COAST OF ECUADOR						
		PNS	IP	20 14 35.1	C	0.9	223.4	22.5
		LPB	P	20 14 39	C			
			S	18 57				
			G	21 00				
			L	21.3				
		LPZ	EP	20 14 40				
		CCH	P	20 14 59.2				
APR	27	PNS	IP	21 41 47.5	D	0.2	35.2	
APR	27	PNS	IP	23 19 47.7	C			
			S	20 12.8				
APR	28	PNS	IP	01 03 36.0	C	0.3	37.5	
			S	04 05.6				
APR	28	PNS	IP	01 57 28.2	C	0.6	31.7	
			S	58 19.0				
APR	28	USCGS 09 42 10.2, 14.2S, 76.2W, H = 73 Km, M = 4.3 NEAR COAST OF PERU						
		PNS	IP	09 44 03.2	D	0.7	69.8	7.1
		LPB	P	09 44 08.0				
			S	46 05				
		LPZ	EP	09 44 08				
			ES	46 09				
		CCH	EP	09 44 33.3	D			
		TRJ	EP	09 45 10.3	C			
APR	28	TRJ	IP	10 01 51.6	D			
		LPB	P	10 02 05.8	C	1.0	155.0	
			I	02 29.5				
			L	38.9				
		CCH	EP	10 02 07.5	D			
			S	02 44.6	C			
		PNS	IP	10 02 07.7	C	0.9	180.8	
		LPZ	EP	10 02 09				
APR	28	USCGS 10 26 20, 1.6N, 84.6W, H = 33 Km, M = 4.0 OFF COAST OF ECUADOR						23.
		LPB	EP	10 31 36				
			ES	26 18				
			L	40.4				
		PNS	IP	10 31 39.6	D	0.9	88.6	
		LPZ	EP	10 31 44				
			EL	41 00				
APR	28	SMB	P	11 10 18.2	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	28	LPB	P	11 23 25		1.0	20.0	
			S	24 00				
		PNS	IP	11 23 26.2	D	0.5	58.2	
			S	24 00.6				
		LPZ	EP	11 23 29				
APR	28	PNS	P	12 21 44.4				
APR	28	USCGS 14 26 50, 7.2S, 128.9E, H = 157 Km, M = 5.0 BANDA SEA						
		PNS	PKP	14 46 29.5				
		LPB	EL	15 39 00				150.8
APR	28	USCGS 14 30 12, 25.6S, 69.2W, H = 47 Km, M = 4.6 NORTHERN CHILE						
		TRJ	IP	14 31 49.6	C			
		LPB	P	14 32 09.5				9.1
		PNS	IP	14 32 35.5	D	0.5	35.7	
			S	34 22.0				
		SMB	IP	14 32 35.6	D			
APR	28	PNS	P	17 29 10.4				
APR	28	USCGS 22 53 01.7, 3.8S, 136.0E, H 33 Km, M = 5.9 WEST NEW GUINEA						
		TRJ	EP	23 12 37.3	C			
		PNS	EPKP	23 12 47.6				
			IPKP	12 52.0				
		LPB	PKP	23 12 49.5		1.1	20.0	148.5
			EL	24 07 00				
APR	29	PNS	IP	00 17 11.0	C	0.3	20.5	
			S	17 35.9				
APR	29	PNS	EP	01 44 36.2				
APR	29	PNS	P	05 38 19				
		LPB	EP	05 38 20				
APR	29	TRJ	P	06 14 56.2	C			
APR	29	USCGS 07 06 35, 40.3S, 73.6W, H = 33 Km, M = 4.9 NEAR COAST OF CENTRAL CHILE						
		TRJ	IP	07 11 03.6	C			
		SMB	P	07 11 43.7	D			
		LPB	EP	07 11 50				
			E(S)	16 50				
			EL	23.3				
		PNS	IP	07 11 53.5	C	0.9	28.3	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	29	USCGS	08 11 08, 1.6N, 85.2W, H = 33 Km, M = 4.9 OFF COAST OF ECUADOR					
		PNS	IP	08 16 25.6	D	0.9	120.0	
		LPB	P	08 16 28.6		1.0	35.0	24.7
			L	23.3				
		TRJ	EP	08 17 13.9	C			
APR	29	CCH	EP	09 10 50.3	D			
APR	29	USCGS	11 19 25.6, 15.3N, 145.6E, H = 134 Km, M = 5.2 MARIANA ISLANDS					
		PNS	IPKP	11 38 54.7	D	1.1	95.8	
		TRJ	PKP	11 38 55.4	D			
		LPB	PKP	11 38 55.5				147.6
			ESKS	46 14				
			EL	12 30 00				
		SMB	EPKP	11 39 07.3	C			
APR	29	TRJ	IP	13 38 16.6	C			
			S	38 48.1				
		LPB	P	13 38 47.5				
		PNS	IP	13 38 51.6	C	0.5	52.7	
APR	29	USCGS	15 28 43.3, 47.4N, 122.4W, H = 57 Km, M = 6.6 WASHINGTON					
		PNS	P	15 40 46.0		0.8	687.8	
			PS	50 44.3				
		LPB	IP	15 40 48.4		0.9	301.0	80.0
			S	50 42				
			G	16 02.5				
			L	07.3				
		LPZ	EP	15 40 49				
			IS	50 42				
			L	16 07.3				
		CCH	EP	15 40 57.9	D			
		SMB	IP	15 41 07.3	C			
		TRJ	IP	15 41 14.3	D			
APR	29	USCGS	15 48 57.1, 5.6S, 110.2E, H = 504 Km, M = 6.0 JAVA SEA					
		SMB	IPKP	16 07 25.8	C			
		LPZ	EPKP	16 07 36				
			(SKS)	13 31				
			EL	34 00				
		LPB	PKP	16 07 37				157.9
			SS	33 24				
			L	17 06 00				
		PNS	EPKP	16 07 38		2.0	321.0	
			PP	12 20.0				
		TRJ	EPKP	16 07 49.3				
		CCH	EP	16 07 58.3	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	29	TRJ	(IP)	16 51 03.2	C			
		PNS	(EP)	16 51 32				
		LPB	EP	16 51 46				
		LPZ	EP	16 51 48				
APR	29	PNS	IP	19 01 47.5	C	0.2	18.1	
APR	29	CCH	EP	19 46 05.8	C			
		LPB	IP	19 46 06.8		1.0	175.0	
			S	46 56				
		LPZ	P	19 46 07.5				
		PNS	IP	19 46 08.4	C	0.7	337.6	
APR	29	CCH	IP	20 06 54.1	C			
APR	30	USCGS	00 54 03, 2.5N, 84.5W, H = 33 Km, M = 4.4 OFF COAST OF CENTRAL AMERICA					
		PNS	P	00 59 20.1				
		LPZ	EP	00 59 22				
		LPB	EP	00 59 24		1.0	25.0	25.0
			EL	01 06 00				
APR	30	TRJ	IP	01 16 02.5	C			
		PNS	P	01 17 08				
APR	30	PNS	EP	02 00 26.6				
APR	30	PNS	P	02 32 12.3				
			S	32 41.4				
		LPB	IP	02 32 16.0				
			S	32 48				
APR	30	TRJ	IP	05 50 42.0	C			
			IS	51 13.7	D			
		SMB	IP	05 51 15.1	D			
		CCH	P	05 51 19.4				
		LPB	EP	05 51 33				
			ES	52 44				
		PNS	IP	05 51 58.0	D			
APR	30	PNS	IP	09 42 10.9	C			
APR	30	PNS	IP	11 06 30.8	D			
			S	07 01.9				

APRIL 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
APR	30	USCGS	11 45 27.1, 10.9N, 62.4W, H = 86 Km, M = 5.0					
			NEAR COAST OF VENEZUELA					
		PNS	IP	11 51 10.0	D			
		LPB	IP	11 51 11.7	D	0.7	29.7	28.3
			SS	57 19				
			EL	12 00 00				
		LPZ	P	11 51 12				
		TRJ	P	11 51 50.3	C			
APR	30	USCGS	16 00 57.5, 51.6N, 175.0E, H = 33 Km, M = 5.1					
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	16 19 40				119.7
		PNS	(PKP)	16 19 40.4				
			PP	20 51.3				

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MAY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	1	USCGS	04 11 19.1, 30.9N, 141.7E, H = 38 Km, M = 4.6					
			SOUTH OF HONSHU, JAPAN					
		LPB	EPKP	04 31 07				149.3
			EL	05 22 00				
		LPZ	EPKP	04 31 08				
			EL	05 21 00				
MAY	1	LPB	EP	08 33 08				
			S	33 31				
MAY	1	LPB	IP	09 16 44.5	D	0.5	162.0	
			IS	17 15				
		LPZ	EP	09 16 46				
MAY	1	TRJ	IP	12 22 29.1	C			
			S	22 58.8				
MAY	1	USCGS	13 02 44.5, 12.3N, 143.7E, H = 5 Km, M = 5.1					
			SOUTH OF MARIANA ISLANDS					
		LPB	PKP	13 22 34.5		1.0	70.0	145.4
			EL	14 11.7				
		LPZ	EPKP	13 22 35				
			EL	14 12 00				
		TRJ	P	13 22 37.0	C			
		CCH	EP	13 22 43.1	C			
MAY	1	TRJ	IP	15 48 51.4	D			
			S	49 22.6				
		LPB	IP	15 49 26.3		0.9	177.0	
			ES	50 23				
		LPZ	P	15 49 28.5				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	1	USCGS	16 35 39.1, 6.8N, 72.8W, H = 167 Km, M = 4.9					
			NORTHERN COLOMBIA					
		LPB	EP	16 40 37				23.8
			S	44 33				
			L	47.1				
		LPZ	EP	16 40 40				
			ES	44 34				
			EL	47.5				
MAY	1	USCGS	21 27 54.4, 60.4N, 146.)W, H = 33 Km, M = 5.3					
			SOUTHERN ALASKA					
		LPB	EP	21 41 59				98.2
			L	22 16.6				
MAY	1	LPB	P	22 19 42.0	D	0.9	23.8	
		LPZ	P	22 19 42				
MAY	1	USCGS	23 45 31.5, 1.7S, 77.9W, H = 167 Km, M = 3.9					
			ECUADOR					
		LPB	P	23 49 28	D	0.9	18.8	17.6
		LPZ	EP	23 49 28				
MAY	2	LPB	P	00 23 07.0	D			
		LPZ	EP	00 23 13				
MAY	2	SMB	P	00 41 51.6	C			
MAY	2	USCGS	00 34 49.8, 30.9N, 141.8E, H = 33 Km, M = 4.6					
			SOUTH OF HONSHU, JAPAN					
		LPB	PKP	00 54 34				157.5
			EL	01 45 00				
		LPZ	EPKP	00 54 38				
			EL	01 44.5				
MAY	2	SMB	P	04 36 52.1	C			
MAY	2	USCGS	05 47 43.9, 19.8S, 69.5W, H = 117 Km, M = 5.5					
			NORTHERN CHILE					
		LPB	IP	05 48 39.5	D	1.0	1150.0	3.51
			(S)	49 08				
			L	49 22				
		LPZ	IP	05 48 39.5				
			S	49 13				
		CCH	IP	05 48 42.1	C			
		TRJ	IP	05 48 49.6	C			
		SMB	IP	05 49 02.0	D			
MAY	2	TRJ	P	06 55 22.1	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	2	USCGS 07 13 42, 28.9N, 128.9E, H = 30 Km, M = 5.0 RYUKYU ISLANDS						
		LPB	PKP	07 33 43.8				160.2
			EL	08 29 00				
		LPZ	EPKP	07 33 44				
			EL	08 30 00				
		TRJ	EP	07 33 45.6	C			
MAY	2	LPB	EP	08 40 37				
MAY	2	LPE	EP	08 40 37				
MAY	2	USCGS 08 31 36, 51.7N, 173.5E, H = 33 Km, M = 5.0 ALEUTIAN NEAR ISLANDS						
		LPE	EL	09 27 00				120.8
MAY	2	TRJ	IP	09 20 17.8	D			
			S	20 48.2	D			
		SMB	P	09 20 46.1	C			
MAY	2	SMB	P	11 22 26.5	C			
MAY	2	TRJ	EP	11 58 51.6	C			
MAY	2	SMB	IP	15 24 36.8	C			
			IS	25 35.8	D			
MAY	2	LPB	EP	15 25 53				
MAY	2	SMB	IP	15 28 12.8	D			
MAY	2	SMB	P	15 30 26.0				
MAY	2	SMB	P	15 43 32.9	C			
MAY	2	LPB	EP	18 02 02				
		SMB	P	18 02 56.1	C			
MAY	2	SMB	IP	18 17 09.1	C			
MAY	2	LPB	EP	18 19 10				
		LPZ	EP	18 19 26				
MAY	2	SMB	P	18 47 30.2	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	2	SMB	P	19 55 14.9	D			
MAY	2	SMB	P	20 18 36.4	D			
MAY	2	SMB	P	20 46 23.6	D			
MAY	2	SMB	P	21 19 28.2				
MAY	3	TRJ	P	00 14 25.5	D			
			S	15 06.7	D			
MAY	3	SMB	P	00 40 53.4	D			
MAY	3	TRJ	(P)	00 42 00.4	D			
			S	42 39.9	D			
		LPB	EP	00 42 24				
			S	43 28				
MAY	3	USCGS 01 09 31.5, 32.5S, 70.6W, H = 77 Km, M = 5.6 CHILE-ARGENTINA BORDER REGION						
		TRJ	P	01 12 16.7	(D)			
		SMB	IP	01 13 04.0	C			
		LPB	EP	01 13 15.5		1.4	2000.0	16.2
			S	16 16				
		LPZ	IP	01 13 25				
			S	16 16				
			EL	17.3				
MAY	3	USCGS 01 17 51, 3.4N, 84.1W. H = 33 Km, M = 4.9 OFF COAST OF CENTRAL AMERICA						
		LPB	P	01 23 17				
		LPZ	EP	01 23 18				
MAY	3	TRJ	P	01 53 49.7	D			
MAY	3	TRJ	P	02 46 32.0	D			
MAY	3	USCGS 03 57 02, 12.1S, 14.8W, H = 33 Km, M = 4.9 SOUTH ATLANTIC RIDGE						
MAY	3	TRJ	P	04 55 10.2	(D)			
MAY	3	TRJ	IP	09 50 35.3	D			
			IS	51 06.1	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	3	USCGS 10 01 35.2, 13.5N, 89.3W, H = 23 Km, M = 6.25 EL SALVADOR						
		LPB	EP	10 08 40				36.9
			S	14 22				
			L	19.5				
		LPZ	EP	10 08 40				
			ES	14 23				
			EL	19.9				
		CCH	P	10 09 01.5				
		TRJ	P	10 09 26.1	D			
MAY	3	SMB	P	11 27 43.0	D			
MAY	3	CCH	EP	12 38 24.1	C			
		LPB	P	12 38 58.0	D			
			S	39 31				
MAY	3	LPB	EP	12 54 29				
			S	57 17				
			L	58.7				
		CCH	P	12 54 31.9				
MAY	3	USCGS 12 44 51.9, 51.3N, 174.5E, H = 39 Km, M = 5.0 ALEUTIAN NPAR ISLANDS						
		LPB	EL	13 42 00				120.2
MAY	3	USCGS 16 09 09, 24.2S, 67.8W, H = 114 Km, M = 5.6 CHILE-ARGENTINA BORDER REGION						
		SMB	IP	16 10 51.6	D			
		CCH	IP	16 10 53.5	C			
			S	12 09.5				
		LPB	IP	16 11 00.0		0.9	1208.0	7.6
			IS	12 25				
			L	13.0				
		LPZ	EP	16 11 05				
			S	12 28				
			L	13.1				
MAY	3	SMB	P	18 58 55.2	D			
MAY	3	SMB	P	19 26 47.1	D			
MAY	3	LPB	P	22 46 46.5				
		PNS	IP	22 46 48.5	D	0.4	3.3	
MAY	4	USCGS 00 00 19.3, 5.6S, 102.0E, H = 40 Km, M = 5.2 SOUTHERN SUMATRA						
		LPB	EPKP	00 20 39				155.1
			EL	01 14 00				
		PNS	PKP	00 20 39.4				
		LPZ	EL	01 15 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	4	PNS	IP	00 07 49.1		0.4	2.6	
MAY	4	PNS	IP	01 51 08.9	D	0.4	14.0	
			S	51 30.8				
		LPB	P	01 51 11				
MAY	4	USCGS 02 02 14, 1.7S, 138.6E, H = 48 Km, M = 5.1 NEAR N. COAST W. NEW GUINEA						
		LPB	PKP	02 21 57.5				148.0
			IPP	25 15				
		PNS	IPKP	02 21 57.8	D	0.7	5.0	
MAY	4	PNS	EP	02 27 01				
MAY	4	PNS	IP	03 06 07.7	D	0.7	6.8	
MAY	4	LPB	P	03 49 37.1		1.2	82.0	
		PNS	IP	03 49 40.2	D	0.9	30.2	
MAY	4	PNS	IP	05 08 58.5	D	0.2	12.4	
MAY	4	SMB	IP	06 30 01.9	D			
		CCH	P	06 30 27.1				
		PNS	P	06 30 58.9				
			S	32 31.0				
		LPB	EP	06 31 14				
			ES	32 04				
MAY	4	USCGS 08 34 39.8, 41.7N, 79.4E, H = 6 Km, M = 5.7 KIRGIZ SINKIANG BORDER REGION						
		LPB	EPKP	08 54 13				142.3
			EL	09 42 00				
		PNS	PKP	08 54 18.3		1.5	38.1	
MAY	4	USCGS 08 39 57.6, 7.3S, 129.3E, H = 155 Km, M = 5.2 BANDA SEA						
		LPB	EPKP	08 59 30	D	1.1	225.0	155.4
			E(SKS)	09 05 40				
			L	51 00				
		PNS	EPKP	08 59 30.5				
			IPKP	59 36.5	D			
		CCH	IPKP	08 59 36.5				
MAY	4	PNS	EP	09 22 34.0				
MAY	4	LPB	EP	09 39 47				
		PNS	IP	09 39 50.0	C	0.5	9.9	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	4	PNS	IP	11 27 14.5	C	0.4	3.9	
			S	28 21				
		LPB	P	11 27 19				
			ES	28 30				
MAY	4	USCGS	12 10 41.1, 16.5S, 73.2W, H = 78 Km, M = 4.5					
		NEAR COAST OF PERU						
		PNS	IP	12 11 52.1	C	0.8	57.1	4.9
		LPB	P	12 11 56.4				
		LPZ	EP	12 12 03				
			S	12 54				
			L	13.2				
		CCH	P	12 12 22.1				
MAY	4	PNS	IP	13 52 01.6		999		
		LPB	IP	13 52 01.9				
			IS	52 24.7				
		LPZ	EP	13 52 09				
			IS	52 27				
		CCH	IP	13 52 21.4	C			
MAY	4	PNS	IP	21 59 02.3	D	0.2	12.4	
MAY	4	PNS	EP	23 54 29.2				
			S	55 05				
		LPB	EP	23 54 32				
MAY	5	SMB	P	00 33 09.9	D			
MAY	5	LPB	IP	02 27 14.7	C	1.0	115.0	
			PP	27 38				
MAY	5	LPB	I(P)	02 34 43.0				
MAY	5	USCGS	03 00 43.4, 20.5S, 69.5W, H = 96 Km, M = 4.6					
		NORTHERN CHILE						
		LPB	EP	03 01 47.5	D	1.0	587.0	4..
			S	02 21				
		CCH	IP	03 01 48.3	C			
		LPZ	IP	03 01 49				
		PNS	P	03 01 50.0				
		SMB	IP	03 02 05.0	D			
MAY	5	USCGS	09 13 56.7, 13.9S, 75.9W, H = 94 Km, M = 4.7					
		PERU						
		PNS	IP	09 15 46.6	D	0.8	48.4	
			S	17 11.6				
		LPB	EP	09 15 51		1.0	45.0	7.
			EL	17.3				
		LPZ	P	09 15 51.5				
			ES	16 58				
		CCH	EP	09 16 07.0	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	5	LPB	EP	10 56 50				
			S	57 35				
		PNS	IP	10 56 55.1	D	0.6	11.4	
MAY	5	PNS	IP	12 20 25.3	D	0.4	10.1	
			S	20 48.8				
MAY	5	PNS	IP	13 29 19.9	D	0.4	8.6	
			S	29 33.5				
MAY	5	LPB	EP	14 27 06				
			S	27 35				
		PNS	IP	14 27 06.8	C	0.4	12.6	
			S	27 35.8				
		LPZ	EP	14 27 08				
MAY	5	LPB	P	14 45 32.5				
		PNS	IP	14 45 36.2	D	0.5	11.2	
			S	46 42.1				
MAY	5	PNS	EP	16 40 02.4		0.6	7.2	
		LPB	EP	16 40 04				
MAY	5	USCGS	23 23 24.9, 14.7N, 142.6E, H = 56 Km, M = 5.4					
		MARIANA ISLANDS						
		LPB	PKP	23 43 05.2	D	1.0	25.0	120.3
			ESKS	50 25				
			EL	24 31.0				
		LPZ	EPKP	23 43 06				
MAY	6	USCGS	02 25 12, 25.S, 68.4W, H = 90 Km, M = 5.1					
		CHILE-ARGENTINA BORDER REGION						
		SMB	IP	02 27 07.3	C			
		CCH	P	02 27 07.3	C			
		LPB	IP	02 27 14.7	C	1.0	115.0	8.5
			S	29 19				
		LPZ	EP	02 27 16				
			(S)	29 22.5				
		PNS	IP	02 27 18.4	C	0.8	99.4	
			S	28 53.7				
MAY	6	LPB	IP	02 34 43.0				
		PNS	IP	02 34 46.7	C			
MAY	6	PNS	P	04 09 21.1				
MAY	6	PNS	P	05 54 47.5				
		LPB	EP	05 54 49				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	6	CCH	IP	09 37 42.8	D			
		LPB	EP	09 38 19				
		PNS	EP	09 38 26				
MAY	6	PNS	IP	11 39 42.1	D	0.2	5.4	
MAY	6	PNS	EP	14 31 42.8				
		LPB	EP	14 32 01				
MAY	6	USCGS 14 24 04.3, 6.1S, 149.1E, H = 74 Km, M
NEW BRITAIN REGION						
		PNS	EPKP	14 43 08.0				
		LPZ	EPKP	14 43 12				
		LPB	PKP	14 43 12				
			PKS	46 56				
			EL	15 28.9				
MAY	6	PNS	IP	16 41 14.3	D	0.5	10.9	
		LPB	EP	16 41 20				
MAY	6	PNS	EP	18 15 13				
		LPB	EP	18 15 26				
MAY	6	USCGS 19 49 04, 18.8N, 108.0W, H = 33 Km, M
REVILLA GIGEDO ISLANDS REGION						
		PNS	PP	19 58 20.5		0.9	7.4	
		LPB	EPP	19 58 23				
MAY	6	USCGS 19 55 01, 19.1N, 108.0W, H = 33 Km, M
OFF COAST OF JALISCO, MEXICO						
		LPB	IP	20 04 17.7	D	0.5	204.7	
			S	04 42.5				
		LPZ	P	20 04 18				
		CCH	P	20 04 28.8				
MAY	7	PNS	E(P)	01 08 16				
		LPB	EP	01 08 52				
MAY	7	USCGS 02 29 03.9, 13.9N, 145.4E, H = 57 Km,
MARIANA ISLANDS						
		LPB	EPKP	02 48 13				
		LPZ	EPKP	02 48 16				
		PNS	E(PKP)	02 48 45.8				
MAY	7	LPB	EP	03 20 38				
		LPZ	EP	03 20 41				
		PNS	IP	03 20 42.2	C	0.5	7.4	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	7	PNS	EP	05 21 24.5		0.4	2.6	
MAY	7	PNS	IP	09 08 15.1	D	0.5	21.7	
MAY	7	LPZ	EP	10 36 21				
		LPB	P	10 36 23.1				
		PNS	IP	10 36 25.5	D	0.7	15.2	
MAY	7	USCGS 13 02 24.5, 56.5, 27.6W, H = 102 Km, M = 5.9
SOUTH SANDWICH ISLANDS REGION						
		LPZ	EP	13 11 09				
			EL	27 00				
		LPB	P	13 11 10.1	D	1.0	300.0	49.7
			(PPP)	16 11				
			S	19 12				
			EL	26.7				
		PNS	IP	13 11 13.7	D	0.9	120.8	
MAY	7	LPB	P	13 16 11				
		LPZ	EP	13 16 12				
		PNS	IP	13 16 13.2	D	1.3	104.0	
MAY	7	PNS	IP	15 07 15.2	D	0.3	4.4	
MAY	7	LPB	EP	15 55 15				
		PNS	IP	15 55 15.3	D	0.4	14.4	
			S	55 38.3				
MAY	7	USCGS 15 43 36, 32.5S, 178.2W, H = 33 Km, M = 4.7
SOUTH OF KERMADEC ISLANDS						
		LPB	S	16 08 34				97.2
			EL	28.8				
		LPZ	EL	16 28.00				
MAY	7	USCGS 16 32 30.6, 32.4S, 178.3W, H = 33 Km, M = 5.1
SOUTH OF KERMADEC ISLANDS						
		LPB	S	16 57 38				
			PS	58 48				
			EL	17 17.8				
		LPZ	EL	17 18 00				
MAY	7	PNS	EP	18 41 02.8				
MAY	7	LPB	EP	21 44 45				
		LPZ	EP	21 44 47				
		PNS	IP	21 44 48.5	C	0.7	15.8	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	7	CCH	IP	23 25 22.4	C			
		LPB	P	23 25 29.3				
		PNS	EP	23 25 33.5		0.3	7.5	
MAY	7	USCGS	23 56 11.6, 22.2S, 68.5W, H = 84 Km, M = 5.5					
		NORTHERN CHILE						
		CCH	IP	23 57 36.4	C			
		LPZ	IP	23 57 37				
		LPB	IP	23 57 37.6	D			4.
			IS	58 41				
			L	59.1				
		SMB	IP	23 57 40.4	C			
		PNS	IP	23 57 41.1	C	0.7	80.6	
MAY	8	USCGS	03 05 38.5, 18.4N, 120.4E, H = 56 Km, M = 5.6					
		LUZON, PHILIPPINE ISLANDS						
		LPB	PKP	03 25 45.6		1.2	32.5	172.
			EL	04 21.3				
		LPZ	PKP	03 25 46				
			EL	04 21 00				
		PNS	PKP	03 25 46.7		1.3	46.0	
MAY	8	LPB	P	04 03 42.5				
		LPZ	P	04 03 43				
		PNS	P	04 03 48.0				
MAY	8	PNS	P	07 23 50.0				
		LPB	EP	07 23 51				
MAY	8	PNS	P	08 55 59.5				
		LPB	EP	08 56 07				
			S	57 15				
			EL	57.9				
		LPZ	EP	08 56 15				
			S	57 18				
			EL	58 00				
		CCH	P	08 56 33.7				
MAY	8	PNS	EP	09 03 24				
MAY	8	PNS	EP	10 05 09				
			S	06 09.0				
		LPB	EP	10 05 16				
			(S)	06 27				
			L	06.9				
		LPZ	EP	10 05 18				
		CCH	P	10 05 50.2				
		PNS	EP	10 28 32				
		LPB	EP	10 28 40				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	8	CCH	IP	10 37 31.6	C			
MAY	8	LPB	EP	10 41 26				
		PNS	IP	10 41 28.2	D	0.5	13.4	
MAY	8	USCGS	11 32 57.1, 28. S, 70.8W, H = 35 Km, M = 5.4					
		NEAR COAST OF N. CHILE						
		SMB	EP	11 35 43.3				
		LPZ	EP	11 35 44				
		LPB	P	11 35 45				11.8
			S	38 03				
			L	39.5				
		PNS	EP	11 35 46.8				
			IP	35 53.0	D			
		CCH	EP	11 35 54.7	C			
MAY	8	PNS	EP	12 41 25				
		LPB	EP	12 41 29				
MAY	8	PNS	IP	16 40 18.6	D	0.3	8.6	
		LPB	EP	16 40 22				
		LPZ	EP	16 40 23				
MAY	8	USCGS	19 09 11, 1.8S, 141.8E, H = 33 Km, M = 5.4					
		NEW GUINEA REGION						
		LPB	EPKP	19 28 50				146.0
			EL	20 18 00				
		PNS	PKP	19 28 52.6		0.6	3.9	
MAY	8	PNS	P	21 17 56.2				
			S	19 44.6				
MAY	8	PNS	P	21 53 36.1				
MAY	8	USCGS	22 22 36.9, 13.5S, 71.4W, H = 20 Km, M = 4.3					
		PERU						
		PNS	EP	22 23 39.0				
		LPB	P	22 23 45.6				4.3
			L	25.4				
		LPZ	EP	22 23 48				
			S	24 46				
			L	25.4				
MAY	8	PNS	EP	22 48 38.9				
			S	49 44.6				
		LPB	EP	22 48 49				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	9	LPB	P	00 47 57				
		PNS	EP	00 48 01.0		0.9	8.6	
MAY	9	PNS	EP	04 05 26.0				
		LPB	EP	04 05 38				
MAY	9	USCGS 04 02 50.5, 12.3N, 144.0E, H = 23 Km, M = 5.0						
		SOUTH OF MARIANA ISLANDS						
		PNS	(PKP)	04 22 13				148.1
		LPB	EPKP	04 22 17				
		LPZ	EPKP	04 22 30				
MAY	9	CCH	IP	05 06 29.6	C			
MAY	9	USCGS 05 56 40, 17.7S, 69.2W, H = 179 Km, M = 4.0						
		PERU-BOLIVIA BORDER REGION						
		LPB	IP	05 57 13.7				1.1
			IS	57 51				
		LPZ	IP	05 57 14.5				
		PNS	IP	05 57 15.7	C	0.6	59.2	
		CCH	IP	05 57 19.9	D			
		SMB	IP	05 57 41.4	D			
MAY	9	PNS	IP	09 23 26.7	D	0.2	14.8	
			S	23 51.0				
		LPB	IP	09 23 27.0	D			
		LPZ	EP	09 23 30				
MAY	9	USCGS 13 32 34.1, 3. S, 139.6E, H = 37 Km						
		NEAR N. COAST W. NEW GUINEA						
		PNS	IPKP	13 52 15.2				146.3
		LPB	PKP	13 52 16.5				
			EL	14 42 00				
		LPZ	EPKP	13 52 17				
			EL	14 42 00				
		TRJ	EP	13 52 22.4	C			
MAY	9	USCGS 14 11 08.1, 6.5N, 82.5W, H = 56 Km, M = 5.1						
		SOUTH OF PANAMA						
		PNS	EP	14 16 44.0		1.9	92.3	
			S	17 44.8				
		LPZ	EP	14 16 48				
			ES	21 48				27.
		LPB	P	14 16 48				
			ES	21 49				
			EL	24.6				
		TRJ	P	14 17 47.5	D			
MAY	9	PNS	EP	16 15 10				
		CCH	(P)	16 15 44.1				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	9	PNS	IP	18 56 38.6	C	1.3	36.4	
MAY	9	USCGS 19 58 59.2, 2.9S, 77.4W, H = 108 Km, M = 4.8						
		PERU-ECUADOR BORDER REGION						
		LPZ	EP	20 02 40				
		LPB	EP	20 02 44	C	1.0	130.0	16.2
			S	06 31				
			L	08 15				
		CCH	EP	20 03 07.6	C			
MAY	9	CCH	EP	21 18 21.6	D			
		LPB	P	21 18 58.5		0.7	29.6	
			IS	19 36				
		LPZ	EP	20 19 00				
		PNS	P	21 19 03.0		0.5	11.8	
MAY	9	LPB	EP	22 46 25				
MAY	10	CCH	P	00 06 05.5				
		LPB	EP	00 06 30				
		PNS	IP	00 06 30.9	D	0.4	2.8	
MAY	10	PNS	IP	02 18 18.4		0.4	4.2	
MAY	10	PNS	P	03 06 44.4		0.3	6.5	
		LPB	EP	03 06 51				
MAY	10	PNS	IP	03 53 26.9	D	0.7	52.0	
			S	53 51.4				
		LPB	P	03 53 28.8	D			
			S	53 57				
		LPZ	EP	03 53 29				
MAY	10	USCGS 03 52 33.4, 6.8N, 73.1W, H = 167 Km, M = 3.9						
		NORTHERN COLOMBIA						
		PNS	P	03 57 29.0		0.4	1.7	
		LPB	EP	03 57 33.5				23.9
MAY	10	LPB	P	04 55 31.5				
		PNS	IP	04 55 35.0	C	0.4	8.1	
			S	57 01.7				
MAY	10	USCGS 05 36 52, 1.N, 25.1W, H = 33 Km, M = 4.5						
		CENTRAL MID ATLANTIC RIDGE						
		LPB	P	05 45 11.5	D			46.5
		LPZ	EP	05 45 12				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DI
MAY	10	USCGS	08 35 21.1, 17.3S, 70.9W, H = 121 Km, M = 4.					
			NEAR COAST OF PERU					
		PNS	IP	08 35 59.1	C			
		LPB	IP	08 36 02.6	C			
			IS	36 33.5				
			IL	36.6				
		LPZ	IP	08 36 03				
		CCH	IP	08 36 24.7	D			
		SMB	IP	08 36 53.8	D			
MAY	10	LPB	IP	08 41 17.0	C	0.7	111.1	
			S	41 31				
		LPZ	EP	08 41 20				
MAY	10	LPB	P	11 03 07				
		LPZ	EP	11 03 08				
		PNS	IP	11 03 09.5	C	0.9	15.9	
MAY	10	PNS	IP	12 05 16.3	D	0.5	3.8	
MAY	10	PNS	EP	16 35 57.8		0.5	4.2	
MAY	11	LPZ	EP	01 02 12				
		LPB	P	01 02 13.6	D	1.0	30.0	
			E(S)	05 31				
			L	07.2				
		TRJ	P	01 03 13.5	D			
MAY	11	LPB	IP	01 41 51.8	C	0.5	740.8	
			IS	42 24				
		LPZ	IP	01 41 52				
		SMB	IP	01 42 43.0	D			
		TRJ	P	01 42 49.7	D			
MAY	11	TRJ	IP	02 30 14.3	D			
		SMB	IP	02 30 47.2	D			
		LPB	P	02 31 07.0				
			S	31 52				
		LPZ	EP	02 31 08				
MAY	11	LPB	IP	07 45 23.8	C			
			S	45 57				
		LPZ	IP	07 45 24				
MAY	11	USCGS	08 06 44.2, 19.1N, 65.2W, H = 68 Km, M = 4.					
			PUERTO RICO REGION					
		TRJ	P	08 13 14.0	C			
		LPB	EP	08 13 37				
			EL	24 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	11	TRJ	IP	12 27 21.7	C			
			IS	27 27.3	D			
MAY	11	TRJ	P	13 03 32.4	C			
MAY	11	PNS	P	16 39 34.4				
MAY	11	TRJ	IP	16 52 12.2	D			
MAY	11	TRJ	IP	16 58 05.4	D			
			IS	58 35.8	C			
MAY	11	PNS	IP	17 29 13.4	C	0.4	8.7	
MAY	11	USCGS	17 37 38.3, 61.4N, 149.6W, H = 58 Km, M = 5.5					
			SOUTHERN ALASKA					
		LPB	EP	17 52 30				100.5
			ES	18 02 32				
			EL	25 00				
MAY	11	PNS	IP	18 50 46.8	C	0.8	6.5	
		LPB	P	18 50 47				
MAY	11	LPB	P	19 21 21				
		PNS	IP	19 21 21.7	D			
MAY	11	PNS	EP	20 55 52.3				
MAY	12	TRJ	P	06 56 50.1	D			
			IS	57 29.1	C			
		LPB	EP	06 57 23				
MAY	12	USCGS	08 05 57.2, 3.5S, 137.9E, H = 78 Km, M = 5.5					
			WEST NEW GUINEA					
		TRJ	IP	08 25 34.0	D			
		LPB	PKP	08 25 34.5	C	1.4	48.8	147.8
			EL	09 16 00				
		LPZ	EPKP	08 25 36				
			EL	09 16 00				
		PNS	PKP	08 25 36.2		0.7	39.7	
MAY	12	USCGS	09 42 37, 13.9S, 77.1W, H = 20 Km, M = 4.6					
			OFF COAST OF PERU					
		PNS	EP	09 44 38.4				
		LPB	P	09 44 45.5	D			
			(S)	46 55				
			L	47.8				
		LPZ	EP	09 44 46				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	12	USCGS	10 33 43.5, 6.2S, 130.3E, H = 125 Km, M = 5.7					
			BANDA SEA					
		TRJ	PKP	10 53 15.6	C			
		LPB	PKP	10 53 19.5				150.
			I	53 25.3				
			PPKP	54 08.5				
			ESS	11 16 18				
			EL	42 00				
		PNS	PKP	10 53 20.0	C	1.8	115.4	
		LPZ	EPKP	10 53 21				
			I	53 26				
			EL	11 42 00				
		SMB	EPKP	10 53 27.2	D			
MAY	12	PNS	IP	16 41 29.3	D	0.5	8.0	
		LPB	EP	16 41 33				
MAY	12	TRJ	P	16 45 34.0	D			
MAY	12	TRJ	IP	18 01 06.5	D			
MAY	12	PNS	IP	19 21 52.5	D			
		LPB	IP	19 21 53.0	D			
			S	22 21				
		LPZ	P	19 21 53				
		TRJ	P	19 22 38.6	D			
MAY	12	USCGS	19 35 41.6, 21.9S, 65.9W, H = 283 Km, M = 5.					
			SOUTHERN BOLIVIA					
		TRJ	IP	19 36 18.8	D			
		SMB	IP	19 36 48.2	D			
		CCH	IP	19 36 53.2	C			
		LPB	IP	19 37 09.2				5.
			IS	38 13.5				
		LPZ	IP	19 37 10				
			IS	38 13.5				
		PNS	IP	19 37 12.8	D	0.6	81.5	
MAY	12	PNS	IP	22 21 04.1	D	0.2	11.1	
MAY	13	USCGS	00 08 16.6, 19.6N, 65.4W, H = 30 Km, M = 4.7					
			PUERTO RICO REGION					
		PNS	IP	00 15 13.2	C	0.7	4.4	
		LPB	IP	00 15 14				36
			ES	21 40				
			EL	25.7				
		LPZ	EP	00 15 15				
		TRJ	P	00 15 53.3	C			
				00 49 39.3	D			
			S	50 15.5	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	13	USCGS	01 36 33, 25.9S, 70.7W, H = 25 Km, M = 4.6					
			NEAR COAST OF NORTH CHILE					
		TRJ	P	01 38 19.0				
		LPB	EP	01 38 54				9.4
			EL	41.8				
		SMB	P	01 38 56.1	D			
		PNS	IP	01 38 56.2	D	0.7	5.8	
MAY	13	USCGS	02 23 23, 19.3S, 63.8W, H = 589 Km, M = 5.1					
			SOUTHERN BOLIVIA					
		SMB	IP	02 24 36.5	D			
		CCH	IP	02 24 45.1	C			
		LPB	IP	02 24 56.5				5.4
			IS	26 08.7				
		LPZ	IP	02 24 58				
			IS	26 10				
		PNS	IP	02 25 00.0	D	1.7	150.5	
		TRJ	IP	02 25 13.4	D			
MAY	13	USCGS	02 56 03, 53.9N, 159.8E, H = 100 Km, M = 5.0					
			NEAR EAST COAST OF KAMCHATKA					
		LPB	EPKP	03 15 07				128.0
			EL	57 00				
MAY	13	USCGS	04 13 08.6, 4.8N, 76.3W, H = 126 Km, M = 5.3					
			COLOMBIA					
		PNS	EP	04 17 55.9				
		LPB	P	04 17 59.2				22.5
			PP	18 24.5				
			EL	24 00				
		LPZ	EPP	04 18 25				
			EL	24 00				
MAY	13	LPB	EP	05 14.13				
MAY	13	TRJ	P	07 18 43.4	D			
			S	19 24.5	D			
MAY	13	TRJ	IP	09 18 55.8	C			
		LPB	EP	09 19 19				
		PNS	EP	09 19 21.4				
MAY	13	USCGS	10 51 15.5, 29.8N, 80.5E, H = 33 Km, M = 5.1					
			NEPAL INDIA BORDER REGION					
		LPB	EPKP	11 11 01				148.8
		PNS	EPKP	11 11 01.2				
			EPP	14 30.6				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	13	PNS	IP	13 18 43.5	D	0.4	11.2	
			S	19 06.2				
		LPB	EP	13 18 49				
		LPZ	EP	13 18 50				
MAY	13	PNS	IP	13 48 34.0	D	0.2	6.6	
		LPB	EP	13 48 38				
MAY	13	PNS	IP	15 50 35.8	D	0.5	20.5	
			S	50 59.9				
		LPB	P	15 50 36	D	0.6	17.1	
MAY	13	PNS	P	18 20 23.6		0.4	5.1	
		LPB	EP	18 20 26				
MAY	13	USCGS	19 23 16.6, 33.2N, 138.0E, H = 324 Km, M = 4.8					
		NEAR S. COAST HONSHU, JAPAN						
		LPB	PKP	19 42 34				151.2
			EL	20 35 00				
		LPZ	EPKP	19 42 34				
			EL	20 35 00				
		PNS	IPKP	19 42 33.7	D	1.0	46.5	
MAY	13	PNS	P	19 56 16.5		0.3	4.0	
MAY	13	USCGS	22 46 33, 36. S, 18.1W, H = 33 Km, M = 5.2					
		SOUTH ATLANTIC RIDGE						
		LPB	P	22 55 14	C	1.1	22.2	45.9
			ESS	23 04 18				
			EL	09 00				
		LPZ	EP	22 55 14				
		PNS	EP	22 55 17.1				
MAY	14	LPB	IP	00 02 03.7	C	0.8	100.0	
			IS	02 39				
		PNS	IP	00 02 05.2	C	0.5	34.8	
			S	02 41.9				
MAY	14	TRJ	EP	04 26 11.1	D			
		LPB	EP	04 26 17				
		PNS	IP	04 26 18.5	D	0.9	13.9	
MAY	14	TRJ	IP	05 39 43.4	D			
MAY	14	TRJ	IP	06 32 35.2	C			
			S	32 57.0	C			
			P	06 33 17				
			IP	06 33 21.8	D	0.5	11.6	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	14	LPB	EP	08 00 20				
		PNS	EP	08 00 20				
MAY	14	TRJ	P	10 29 02.7	C			
			S	29 35.1	C			
MAY	14	TRJ	P	13 53 58.7	D			
		LPB	P	13 54 44.5				
		PNS	P	13 54 46.4		0.5	6.9	
MAY	14	TRJ	P	14 21 12.1	D			
		LPB	EP	14 21 27				
			S	22 20				
		PNS	IP	14 21 29.6	C	0.6	15.6	
			S	22 17.6				
		LPZ	EP	14 21 30				
		SMB	P	14 21 36.4	D			
MAY	14	USCGS	16 50 15.6, 50.3N, 177.7E, H = 33 Km, M = 5.2					
		RAT ALEUTIAN ISLANDS						
		LPB	EL	17 46 00				118.3
MAY	14	LPB	EP	18 55 35				
		PNS	IP	18 55 35.8	D			
MAY	14	PNS	IP	19 07 32.6	D	0.2	35.3	
			S	07 57				
		LPB	EP	19 07 34				
MAY	14	PNS	IP	20 02 02.4	C	0.3	13.3	
			S	03 18.6				
MAY	14	TRJ	IP	23 55 49.6	C			
		PNS	P	23 56 33.0		0.9	9.8	
		LPZ	EP	23 56 34				
		LPB	P	23 56 34.5				
			E(L)	24 02.5				
MAY	15	PNS	P	03 40 57.8				
			S	41 21.4				
MAY	15	TRJ	IP	05 22 14.6	D			
MAY	15	LPB	P	14 11 36				
		PNS		14 11 36.5		0.9	9.8	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	15	DSG	IP	15 14 51.6	C			
		PNS	IP	15 14 57.9	D	0.3	33.0	
			S	15 24				
		LPB	P	15 14 58				
			S	15 23				
MAY	15	TRJ	IP	16 12 18.6	D			
			S	12 50.0				
MAY	15	USCGS	16 39 02, 48.S, 165.6E, H = 15 Km					
		OFF WEST SOUTH IS., N. Z.						
		LPB	ES	17 03 35				
			EG	21.5				
			EL	25 00				
MAY	15	USCGS	18 43 07, 40.6N, 48.3E, H = 34 Km, M = 6.07					
		EASTERN CAUCASUS						
		LPB	EL	18 39 00				120.
MAY	15	TRJ	IP	20 01 04.0	D			
		LPB	P	20 01 58.4	C			
			S	03 11				
		LPZ	EP	20 02 01				
		PNS	IP	20 02 02.9	C	0.3	14.7	
			S	03 18.6				
MAY	15	USCGS	23 58 34.4, 4.1S, 135.1E, H = 33 Km, M = 5.8					
		WEST NEW GUINEA REGION						
		LPB	EPKP	00 18 19				148.
			EL	01 08.4				
		LPZ	EPKP	00 18 20				
			EL	01 09 00				
		TRJ	P	00 18 21.4	D			
		PNS	IPKP	00 18 24.0	C	1.9	206.3	
		CCH	EPKP	00 18 24.4				
MAY	16	TRJ	P	04 10 42.3	D			
MAY	16	PNS	IP	05 03 00		0.3	7.7	
MAY	16	TRJ	P	05 12 25.1	D			
			S	13 06.8				
MAY	16	USCGS	05 15 10.0, 4.6S, 105.5W, H = 16 Km, M = 4.6					
		N. EASTER ISLAND CORDILLERA						
		PNS	IP	05 22 31.2	C	0.9	9.8	
		LPB	P	05 22 34.5				
			ES	28 41				
			(SS)	31 26				
			L	34.1				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
		LPZ	EP	05 22 36				
			EL	34 00				
		TRJ	P	05 23 06.4	D			
MAY	16	USCGS	05 38 38.2, 6.6N, 72.8W, H = 183 Km, M = 4.0					
		NORTHERN COLOMBIA						
		PNS	EP	05 44 09.6		0.7	7.7	
		LPB	EP	05 44 11				24.7
MAY	16	USCGS	05 40 30.4, 38.6N, 140.8E, H = 76 Km, M = 4.3					
		HONSHU, JAPAN						
		PNS	IPKP	06 00 06.5	C	1.1	20.5	
		LPB	PKP	06 00 07.5				159.2
		LPZ	EPKP	06 00 08				
		TRJ	P	06 00 18.9	D			
MAY	16	TRJ	P	07 38 59.3	D			
MAY	16	TRJ	IP	08 46 55.3	D			
			S	47 27.5				
MAY	16	USCGS	11 35 46, 5.3N, 125.7E, H = 36 Km, M = 6.2					
		MINDANAO, PHILIPPINE ISLANDS						
		TRJ	IP	11 55 42.8	D			
		LPB	IPKP	11 55 48.2	C	1.0	50.0	162.5
			PS	12 08 10				
			SS	20 42				
			EL	44 00				
		PNS	IPKP	11 55 48.6	C	1.7	217.4	
MAY	16	TRJ	P	13 39 55.9	D			
			S	40 29.8	D			
MAY	16	TRJ	IP	13 45 08.8	D			
			S	46 19.8	D			
MAY	16	TRJ	IP	14 23 06.4	D			
			S	23 37.1				
MAY	16	USCGS	15 51 16.1, 5.2N, 82.4W, H = 33 Km, M = 4.8					
		SOUTH OF PANAMA						
		PNS	IP	15 56 43.9	D	1.1	45.8	
		LPZ	EP	15 56 46				
		LPB	EP	15 56 46				26.0
			S	16 01 30				
			L	04.1				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	16	PNS	IP	19 00 10.6	D	0.5	22.9	
			S	00 21.7				
		LPB	EP	19 00 12				
MAY	16	LPB	EP	22 09 35				
			EL	11.3				
		PNS	EP	22 09 35.6				
		LPZ	EP	22 09 38				
MAY	16	LPB	EP	22 45 27				
		PNS	(P)	22 45 36.9				
MAY	17	LPB	P	02 19 28.6				
			S	19 58.5				
		LPZ	EP	02 19 32				
		PNS	IP	02 19 36.8	D	0.4	9.7	
			S	20 19.2				
		CCH	IP	02 19 54.6	D			
MAY	17	TRJ	IP	07 16 03.1	C			
			S	16 41.4				
		LPB	EP	07 17 02				
		PNS	EP	07 17 05.6				
MAY	17	TRJ	P	08 19 32.2	D			
MAY	17	PNS	IP	10 18 39.8		0.3	7.0	
		LPB	EP	10 18 44				
			S	19 26				
		LPZ	EP	10 18 46				
MAY	17	PNS	IP	10 53 11.7	D	0.3	7.7	
		LPB	IP	10 53 11.9				
MAY	17	LPB	EP	15 58 27				
			(S)	59 35				
		LPZ	EP	15 58 28				
		PNS	EP	15 58 30				
		TRJ	EP	15 59 01.0				
MAY	17	USCGS	17 19 25.9, 22.5N, 121.3E, H = 21 Km, M = 6.					
		TAIWAN REGION						
		TRJ	P	17 39 34.4	D			
			S	41 10.0				
		LPB	PKP	17 39 34.6	C	1.1	77.1	16
			IPKP2	40 50.7				
			SKKS	50 58				
			SS	18 05 30				
			EG	32.0				
			L	38.0				
		LPZ	EPKP	17 39 35				
			EL	18 38 00				
		PNS	IPKP	17 39 35.2	D	1.5	238.0	
			IPP	44 32.1	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	17	TRJ	IP	19 03 21.9	C			
		LPB	EP	19 03 28	C	0.8	50.0	
		LPZ	EP	19 03 29.5				
		PNS	IP	19 03 30.7	C	0.8	19.7	
MAY	17	PNS	P	23 27 09.8		0.5	7.7	
			S	27 30.0				
		LPB	EP	23 27 35				
MAY	17	TRJ	IP	23 40 57.1	D			
MAY	18	TRJ	P	00 16 57.1	D			
			S	18 28.6	D			
MAY	18	USCGS	01 04 14.6, 17.6S, 49.9E, H = 33 Km, M = 5.5					
		MALAGASAY REPUBLIC						
		LPB	EPKP	01 22 30				109.8
			EL	56.5				
MAY	18	TRJ	EP	02 20 09.7				
			S	20 38.8	C			
MAY	18	TRJ	P	03 32 52.7	D			
		LPB	EP	03 33 40				
MAY	18	TRJ	P	04 28 31.7	D			
MAY	18	PNS	IP	04 59 23.3	D	0.5	14.0	
			S	59 45.0				
		LPB	P	04 59 25.5				
MAY	18	TRJ	IP	05 48 08.1	D			
			S	48 39.9	C			
MAY	18	PNS	EP	05 54 49.7				
		LPB	EP	05 54 53				
		TRJ	P	05 55 46.5	D			
MAY	18	USCGS	08 04 23.3, 25.2N, 142.8E, H = 10 Km, M = 4.8					
		VOLCANO ISLANDS REGION						
			PKP	08 24 13.5				149.8
			SL	09 16 00				
		PNS	[illegible]	08 24 16		1.0	22.3	
		LPZ	E[illegible]	08 24 18				
MAY	18	TRJ	P	08 26 38.8	D			
			S	17 11.7				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIS
MAY	18	TRJ	IP	18 16 50.4	D			
			S	17 19.7	C			
MAY	18	TRJ	P	20 02 20.2	C			
MAY	18	USCGS	22 46 31.7, 43.7N, 146.5E, H = 45 Km, M = 5.4					
		KURILE ISLANDS						
		LPB	EPKP	23 05 52				140.
			EL	54 00				
		PNS	E(PKP)	23 05 57		1.4	52.9	
			PP	09 27.1				
		LPZ	EPKP	23 05 58				
		TRJ	IP	23 06 10.2	C			
MAY	18	PNS	IP	23 57 14.2	C			
		LPZ	P	23 57 18				
		LPB	IP	23 57 19.4	C	0.9	23.3	
			S	58 18				
		CCH	P	23 57 42.6				
		TRJ	P	23 58 41.9	D			
MAY	19	USCGS	01 06 11, 6.1S, 11.3W, H = 33 Km, M = 4.6					
		ASCENSION ISLAND REGION						
		LPB	EP	01 15 54				55.
			EL	34.4				
MAY	19	TRJ	P	01 23 39.6	D			
MAY	19	PNS	IP	02 45 05.7	D	0.5	6.1	
			S	45 28.1				
		LPB	EP	02 45 11				
MAY	19	USCGS	03 00 59, 9.2S, 159.0E, H = 50 Km, M = 5.6					
		SOLOMON ISLANDS						
		CCH	EPKP	03 19 58.2	D			
		PNS	IPKP	03 20 00.7	C	0.9	41.6	
		LPZ	PKP	03 20 00.8				
		LPB	IPKP	03 20 00.9	C	0.9	50.0	127.
			L	04 01.3				
		TRJ	IPKP	03 20 01.8	C			
MAY	19	USCGS	03 11 12.5, 52.4N, 173.4E, H = 49 Km, M = 5.1					
		ALEUTIAN NEAR ISLANDS						
		LPB	EPKP	03 30 08				128.
			EL	04 08 00				
MAY	19	TRJ	P	03 28 41.9	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIS
MAY	19	USCGS	04 21 26.7, 22.5S, 176.3W, H = 33 Km, M = 5.5					
		SOUTH OF FIJI ISLANDS						
		LPB	P	04 34 54				99.6
			EL	05 08 00				
MAY	19	USCGS	06 03 58.9, 6.5S, 105.4E, H = 74 Km, M = 6.3					
		SUNDA STRAIT						
		TRJ	P	06 23 46.3	D			
		LPB	EPKP	06 23 49				156.3
			EL	07 17 00				
		LPZ	EPKP	06 23 50				
			EL	07 17 00				
		PNS	PKP	06 23 50.3		1.6	44.6	
MAY	19	USCGS	06 17 12, 27.6N, 110.9W, H = 33 Km, M = 5.0					
		GULF OF CALIFORNIA						
		LPZ	EP	06 27 15				
			EL	45 00				
		LPB	P	06 27 15.5				60.2
			ES	35 26				
			EL	44 00				
MAY	19	PNS	P	06 40 42.9		0.2	1.6	
MAY	19	TRJ	P	07 24 57.7	D			
			S	25 40.7				
		CCH	P	07 25 08.6				
		LPB	P	07 25 11.7	C	0.8	18.4	
			S	26 06				
		LPZ	EP	07 25 12				
		PNS	IP	07 25 14.7	C	0.3	4.4	
			S	25 49				
		SMB	P	07 25 19.4	D			
MAY	19	USCGS	10 58 26.6, 4.9N, 76.2W, H = 98 Km, M = 4.8					
		COLOMBIA						
		PNS	EP	11 03 16.6				
		LPZ	EP	11 03 17				
		LPB	EP	11 03 18				22.5
			S	07 42				
			EL	12.3				
MAY	19	[illegible]	13 07 41, 5.9N, 82.5W, H = 22 Km, M = 4.1					
		[illegible] PANAMA						
		PNS	[illegible]	13 13 15.6				
		LPZ	[illegible]	13 13 28				
			EL	21 00				
		LPB	EP	13 13 29				26.1
			EL	21 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	19	USCGS	13 59 55.2, 4.8S, 152.3E, H = 70 Km, M = 5.6					
		NEW BRITAIN REGION						
		PNS	IPKP	14 19 10.0	D	1.7	99.6	
		TRJ	P	14 19 10.2	D			
		LPB	PKP	14 19 11.2				134.3
			E	22 37				
			L	15 03.7				
		LPZ	EPKP	14 19 12				
			EL	15 04 00				
MAY	19	USCGS	17 50 04, 6.8S, 154.7E, H = 73 Km, M = 5.0					
		SOLOMON ISLANDS						
		LPB	EL	18 52 00				131.5
MAY	19	TRJ	IP	20 08 12.5	D			
			IS	08 53.0	D			
		LPZ	EP	20 08 28				
		LPB	IP	20 08 29.3		0.9	83.3	
			S	09 22				
		PNS	IP	20 08 32.8	C	0.7	44.7	
			S	09 29				
		SMB	IP	20 08 36.1	D			
MAY	19	PNS	P	20 21 55.8		0.4	8.1	
MAY	19	USCGS	22 07 14.1, 51.6N, 175.2E, H = 35 Km, M = 5.3					
		RAT ALEUTIAN ISLANDS						
		LPB	EL	23 06				119.9
MAY	19	USCGS	23 32 14, 20.8S, 178.5W, H = 552 Km, M = 5.4					
		FIJI ISLANDS REGION						
		LPB	P	23 46 16				104.5
			EL	24 22 00				
MAY	19	PNS	IP	23 39 26.6	C	0.4	1.8	
			S	39 55.3				
		LPB	P	23 39 32				
MAY	20	TRJ	IP	00 22 08.7	D			
MAY	20	USCGS	00 40 10.9, 14.7S, 167.4E, H = 16 Km, M = 6.8					
		NEW HEBRIDES ISLANDS						
		TRJ	EP	00 58 56.7	D			
		LPB	EPKP	00 59 00				117.2
			SKS	01 00 20				
			SS	05 56				
			G	16 06				
			L	29.6				
		PNS	IPKP	00 59 01.4	C	1.0	10.2	
			PP	01 00 11.4				
		LPZ	EPKP	00 59 02				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	20	USCGS	02 03 33.5, 40.8S, 175.9E, H = 49 Km, M = 5.6					
		NORTH ISLAND, NEW ZEALAND						
		LPB	EP	02 17 06				97.7
		PNS	E(P)	02 17 08.4				
MAY	20	USCGS	02 13 38.9, 51.2N, 173.7E, H = 41 Km, M = 5.4					
		ALEUTIAN NEAR ISLANDS						
		LPB	EPKP	02 32 13				120.6
MAY	20	PNS	IP	05 58 55.6	D	0.2	6.4	
		LPB	P	05 58 56				
MAY	20	LPB	EP	06 12 32				
		PNS	IP	06 12 33.3	D	0.5	17.3	
			S	13 02.0				
MAY	20	USCGS	09 55 13.8, 3.9S, 80.8W, H = 38 Km, M = 4.5					
		PERU-ECUADOR BORDER REGION						
		PNS	IP	09 59 15.3	D	1.3	68.6	
		LPZ	EP	09 59 20				
		LPB	P	09 59 21.5	C	1.0	50.0	17.6
			S	10 03 12				
			L	04.9				
		TRJ	P	10 00 17.7	D			
MAY	20	TRJ	P	10 21 58.7	D			
			S	22 22.1				
MAY	20	USCGS	13 37 21.8, 3.3S, 135.7E, H = 49 Km, M = 5.6					
		WEST NEW GUINEA REGION						
		TRJ	IPKP	13 57 02.7	D			
		PNS	PKP	13 57 05.2				
			IPKP	57 09.3	D			
		LPZ	EPKP	13 57 06				
MAY	20	PNS	PKP	14 56 34.8				
MAY	20	PNS	IP	16 19 43.9	D	0.2	6.9	
MAY	20	USCGS	17 52 26.4, 6.8N, 73.0W, H = 159 Km, M = 4.3					
		NORTHERN COLOMBIA						
		PNS	IP	17 57 23.7	D	0.7	21.3	
		LPZ		17 57 25				
MAY	20	LPZ	EP	18 04 28				
		PNS	EP	18 04 37.9				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	20	PNS	EP	19 00 30.5				
MAY	20	TRJ	IP	19 57 11.5	D			
			S	57 42.7	C			
MAY	20	PNS	IP	22 17 49.0		0.8	8.4	
MAY	21	PNS	EP	03 34 55				
MAY	21	TRJ	P	03 46 14.9	C			
		LPZ	EP	03 47 05				
		PNS	IP	03 47 07.4	D	0.9	19.3	
MAY	21	PNS	IP	04 15 41.5	D	0.7	11.4	
			S	16 25.5				
		LPZ	P	04 15 50				
MAY	21	PNS	PKP	04 33 32.9				
MAY	21	TRJ	P	05 26 42.1	D			
			IS	27 12.8	C			
MAY	21	PNS	IP	08 49 50.2		0.6	3.5	
			S	50 32				
MAY	21	TRJ	P	12 35 43.0	D			
MAY	21	PNS	IP	15 00 09.8	C	0.6	3.5	
MAY	21	PNS	EP	16 14 57.4				
MAY	21	PNS	IP	18 05 30.8	D	0.4	3.8	
MAY	21	TRJ	P	22 19 06.4	D			
MAY	21	USCGS	22 58 02, 6.1N, 73.4W, H = 234 Km, M = 3.6					
		NORTHERN COLOMBIA						
		PNS	IP	23 02 53.0	C	0.7	5.4	
MAY	21	TRJ	IP	23 32 52.6	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	22	PNS	P	00 16 48.8				
MAY	22	USCGS	00 36 49, 20.4S, 70.0W, H = 33 Km, M = 4.6					
		NORTHERN CHILE						
		TRJ	P	00 37 43.0	D			
			(P)	37 59.0	C			
		CCH	EP	00 37 49.3	D			
		LPB	P	00 37 51.5				4.5
			S	38 56				
			L	39.3				
		PNS	IP	00 37 54.8	C	1.8	216.3	
		DSG	P	00 38 02.3				
			S	38 09.9	C			
		SMB	EP	00 38 04.3	C			
MAY	22	PNS	IP	01 15 13.5	D	0.4	12.0	
		DSG	EP	01 15 17.7	C			
MAY	22	TRJ	P	02 02 14.4	C			
MAY	22	PNS	IP	02 22 57.6	D	0.2	8.5	
MAY	22	LPB	IP	03 21 16.8				
		PNS	P	03 21 18.0		0.4	2.4	
MAY	22	USCGS	03 05 43.6, 1.3N, 126.3E, H = 25 Km, M = 5.5					
		MOLUCCA PASSAGE						
		TRJ	IP	03 25 40.4	D			
			(IS)	26 11.3	C			
		LPB	PKP	03 25 44	D	1.5	62.8	159.6
			EL	04 23 00				
		CCH	EPKP	03 25 44.1	C			
			IPKP	26 25.2	D			
		PNS	IPKP	03 25 44.8	D	1.9	127.2	
			PP	29 58.0				
		SMB	EPKP	03 26 27.2				
MAY	22	USCGS	03 52 04, 24.1S, 66.8W, H = 200 Km, M = 4.2					
		SALTA PROVINCE, ARGENTINA						
		TRJ	IP	03 52 56.1	D			
		CCH	EP	03 53 41.0	C			
		LPB	P	03 53 54.4		1.1	105.5	7.7
			S	55 19				
MAY	22	PNS	P	06 02 07.2				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	22	CCH	P	07 37 49.6				
		PNS	P	07 38 25				
			S	38 56.6				
MAY	22	PNS	IP	09 06 39.4	D	0.7	4.2	
			S	07 23				
		LPB	EP	09 06 45				
MAY	22	PNS	IP	09 25 31.7	D			
			S	25 55.2				
MAY	22	LPB	P	10 41 36.8		1.1	10.5	
		PNS	IP	10 41 38.4	C			
		DSG	P	10 41 41.7				
		CCH	P	10 41 42.7	C			
MAY	22	USCGS	10 31 39.5, 21.1S, 178.7W, H = 578 Km, M = 5.					
		FIJI ISLANDS						
		PNS	IP	10 44 40.0		0.9	14.3	
			PP	48 55.8				
		LPB	P	10 44 41				101.
			PEP	57 14				
			SKS	54 25				
			EL	11 10 00				
MAY	22	LPB	P	11 00 32				
		PNS	EP	11 00 38.2				
MAY	22	TRJ	P	12 58 12.2	C			
MAY	22	USCGS	13 19 04.5, 14.5S, 167.1E, H = 27 Km, M = 5.					
		NEW HEBRIDES ISLANDS						
		LPB	EL	14 15 00				116.
MAY	22	TRJ	P	14 41 01.3	D			
MAY	22	USCGS	15 25 11, 14.1S, 13.9W, H = 33 Km, M = 4.7					
		SOUTH ATLANTIC RIDGE						
		LPB	EP	15 34 22				5.
			EL	49 00				
MAY	22	USCGS	16 09 29.5, 14.1S, 13.8W, H = 33 Km, M = 5.5					
		SOUTH ATLANTIC RIDGE						
		TRJ	EP	16 18 13.9	D			
		LPB	P	16 18 41				5.
			L	33 00				
		PNS	EP	16 18 42.8		1.9	74.4	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	22	USCGS	18 18 30, 21.5S, 67.2W, H = 200 Km, M = 4.1					
		CHILE-BOLIVIA BORDER REGION						
		TRJ	IP	18 19 11.8	D			
			IS	19 41.6	C			
		CCH	P	18 19 32.6	C			
			S	20 11.8	D			
		SMB	IP	18 19 34.3	D			
		LPZ	P	18 19 45				
		LPB	IP	18 19 45.2		0.7	120.0	4.9
			S	20 40				
		PNS	IP	18 19 49.2	C	0.6	66.4	
			S	20 45.2				
		DSG	EP	18 19 58.4	C			
MAY	22	TRJ	P	21 58 42.8	D			
			S	59 15.0	C			
MAY	22	SMB	P	22 20 07.8	D			
MAY	23	TRJ	P	01 14 42.2	D			
MAY	23	USCGS	07 04 16.8, 28.6N, 142.8E, H = 33 Km, M = 4.5					
		BONIN ISLANDS REGION						
		LPB	EPKP	07 24 01				148.5
			EL	08 15 00				
		LPZ	EPKP	07 24 01				
MAY	23	USCGS	07 46 33.7, 14.1S, 13.9W, H = 33 Km, M = 5.2					
		SOUTH ATLANTIC RIDGE						
MAY	23	TRJ	P	08 28 26.5	D			
MAY	23	TRJ	P	10 08 14.2	C			
MAY	23	USCGS	16 05 32.7, 24.N, 102.5E, H = 33 Km					
		YUNNAN PROVINCE, CHINA						
		LPB	EPKP	16 25 40				
			EL	17 26 00				
		LPZ	EPKP	16 25 40				
MAY	23	[illegible]	IP	17 52 51.8	D			
MAY	23	CCH	IP	21 23 08.6	C			
			S	24 23.2	D			
		LPB	EP	1 23 16				
			S	23 41				
		SMB	IP	21 23 41.7	C			
		TRJ	EP	21 23 56.1	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	23	CCH	EP	21 35 32.1	D			
			S	35 47.3				
MAY	23	CCH	IP	22 01 48.5	D			
			S	02 02.7	C			
		LPZ	EP	22 01 54				
		LPB	EP	22 01 55				
			S	02 21				
		SMB	P	22 02 21.4	C			
		TRJ	EP	22 02 35.7	D			
MAY	23	USCGS	23 46 12, 52.2N, 175.0E, H = 22 Km, M = 6.0					
		ALEUTIAN NEAR ISLANDS						
		LPB	PKP	00 05 03	D	1.5	57.1	119.9
			PS	16 13				
			L	41.2				
		LPZ	EPKP	00 05 03				
			EL	41.4				
		TRJ	P	00 05 13.2	D			
MAY	24	CCH	IP	01 26 45.9	C			
			S	27 00.0	C			
		LPB	P	01 26 52.0	D	0.9	95.0	
			S	27 18				
			L	27 24				
		LPZ	EP	01 26 54				
		SMB	IP	01 27 18.7	C			
		TRJ	IP	01 27 33.1	D			
MAY	24	TRJ	IP	03 42 34.3	D			
			IS	43 04.4	C			
		LPB	IP	03 43 14.0		0.8	19.2	
			S	44 14				
MAY	24	TRJ	P	04 55 21.6	D			
MAY	24	TRJ	P	05 18 31.2	D			
			S	19 01.4				
MAY	24	USCGS	05 02 11.8, 9.5S, 113.0E, H = 67 Km, M = 5.0					
		SOUTH OF JAVA						154.1
		LPB	EPKP	05 22 13				
		LPZ	EPKP	05 22 14				
MAY	24	TRJ	IP	07 03 45.0	C			
			S	04 29.5				
		SMB	P	07 04 27.2	D			
		LPB	P	07 04 41.0				
			S	06 09				
		LPZ	EP	07 04 43				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	24	TRJ	P	08 26 07.9	D			
MAY	24	LPB	IP	12 51 59.4	C	0.5	22.2	
			S	52 43				
		TRJ	P	12 53 10.1	D			
MAY	24	USCGS	13 48 28.8, 38. N, 141.6E, H = 29 Km, M = 5.0					
		NEAR E. COAST HONSHU, JAPAN						
		LPB	PKP	14 08 08	D	1.2	71.4	146.5
			EL	57 00				
		LPZ	EPKP	14 08 09				
		TRJ	EP	14 08 21.9	D			
MAY	24	LPB	EP	16 38 50				
			S	39 28				
MAY	24	USCGS	23 21 10.6, 13. N, 124.5E, H = 33 Km, M = 5.9					
		SAMAR, PHILIPPINE ISLANDS						
		TRJ	IP	23 41 17.7	C			
		LPZ	EPKP	23 41 18				
			IPPKP	41 30.8				
			PKP2	42 34				
		LPB	PKP	23 41 18.1	C	0.9	24.2	165.8
			IPPKP	41 30.9				
			PKP2	42 33				
			PP	46 05				
			SKKS	52 58				
			SS	24 08.8				
			EL	40 00				
		SMB	EP	23 41 19.9	D			
MAY	25	TRJ	P	00 24 49.5	D			
MAY	25	USCGS	01 30 11.9, 22.9N, 144.2E, H = 98 Km, M = 4.4					
		VOLCANO ISLANDS REGION						
		LPB	EPKP	01 49 48				147.8
			EL	02 41 00				
MAY	25	SMB	IP	03 33 25.1	D			
		CCH	EP	03 33 54.5	C			
		LPB	P	03 34 22.3				
			ES	35 28				
			L	35.6				
		LPZ	EP	03 34 24				
MAY	25	LPB	PP	05 17 05				
			[illegible]	18 52				
		SMB	EP	05 17 24.9	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	25	USCGS	13 07 49.7, 51.3N, 178.7E, H = 40 Km, M = 5.5					
		RAT ALEUTIAN ISLANDS						
		LPB	EPKP	13 26 09				117.2
			PS	37 40				
			SS	43 27				
			EL	58 00				
		TRJ	EP	13 26 43.6	D			
MAY	25	TRJ	IP	14 24 03.8	C			
MAY	25	USCGS	16 22 52, 19.3S, 69.6W, H = 109 Km, M = 4.8					
		NORTHERN CHILE						
		LPZ	IP	16 23 42				
			ES	24 13				
		LPB	IP	16 23 42.2	C			3.1
			IS	24 12				
			L	24.4				
		CCH	IP	16 23 48.5	D			
		SMB	IP	16 24 09.2	D			
MAY	25	USCGS	18 34 28.4, 17. S, 175.9E, H = 16 Km, M = 5.2					
		FIJI ISLANDS REGION						
		LPB	EP	18 48 32				109.1
			L	19 25.4				
MAY	25	TRJ	IP	21 36 40.2	D			
			S	37 08.3	D			
		SMB	P	21 37 06.8	C			
		LPZ	IP	21 37 18.5				
		LPB	IP	21 37 19.0		1.0	200.0	
MAY	26	LPB	P	03 44 30				
			S	45 15				
MAY	26	SMB	IP	04 47 50.5				
		LPB	EP	04 48 55				
			S	50 16				
MAY	26	USCGS	04 58 39.2, 13.7N, 90.6W, H = 39 Km, M = 5.2					
		NEAR COAST OF GUATEMALA						
		LPB	P	05 05 50.0	C			
			ES	11 35				
			G	17.3				
			EL	17 00				
		LPZ	EP	05 05 52				
			EL	17.2				
MAY	26	SMB	P	05 37 06.5	D			
		LPB	EP	05 38 00				
			ES	38 50				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	26	LPB	P	06 50 41.0	C	0.8	73.0	
			S	51 19				
		LPZ	P	06 50 41.5				
MAY	26	USCGS	06 42 53.9, 35.7S, 180.0S, H = 63 Km, M = 5.1					
		OFF COAST N. ISLAND, N. Z.						
		LPB	P	06 56 08				97.3
			S	07 07 05				
			L	28.2				
MAY	26	TRJ	IP	09 03 25.0	D			
			IS	03 55.1	C			
MAY	26	TRJ	P	15 05 49.2	D			
			S	06 19.0				
MAY	26	USCGS	19 44 10.9, 56.1S, 27.6W, H = 120 Km, M = 6.7					
		SOUTH SANDWICH ISLANDS REGION						
		SMB	IP	19 52 30.1	D			
			IS	57 40.8	C			
		CCH	IP	19 52 41.8	C			
		LPB	IP	19 52 55.9		1.2	320.0	57.7
			IPP	53 27				
			IS	59 56.5				
			ISS	20 00 45				
			L	09.6				
		LPZ	EP	19 52 57				
			IPP	53 28				
			IS	59 58				
			EL	20 09.6				
		DSG	IP	19 52 59.8	D			
			IS	57 57.9	C			
			ISS	20 00 02.3	C			
MAY	26	USCGS	19 15 52.6, 52. N, 175.0E, H = 37 Km, M = 5.2					
		RAT ALEUTIAN ISLANDS						
		LPB	EL	20 13 00				119.9
MAY	26	TRJ	IP	20 52 10.1	C			
MAY	26	TRJ	P	10 08 22.6	D			
			S	08 53.9	C			
MAY	27	USCGS	12 18 [illegible] 24.2S, 65.9W, H = 190 Km, M = 4.5					
		SALTA PROVINCE [illegible]NTINA						
		TRJ	IP	12 19 48.4	C			
			S	20 28.6	C			
		SMB	IP	12 20 29.2	D			
		CCH	EP	12 20 33.0	D			
		LPB	IP	12 20 45.1	C	0.6	162.8	7.6
			S	22 11				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
		LPZ	P	12 20 45.5				
			ES	22 09				
MAY	27	USCGS	19 29 25, 53.7N, 156.7W, H = 33 Km, M = 5.0					
		SOUTH OF ALASKA						
		LPB	EL	20 19 00				102.
MAY	27	LPB	EP	22 45 07				
			S	45 45				
MAY	27	USCGS	22 29 52.7, 52.4N, 173. S, H = 41 Km, M = 5.0					
		ALEUTIAN NEAR ISLANDS						
		LPB	EL	23 27 00				120.
MAY	28	TRJ	P	01 29 37.0	D			
			S	30 19.5	D			
MAY	28	DSG	IP	02 08 08.2	C			
		LPZ	P	02 08 11.5				
		LPB	IP	02 08 11.8	C	1.1	597.7	
			S	08 52				
		CCH	IP	02 08 15.1	C			
		SMB	EP	02 08 34.8	D			
		TRJ	IP	02 08 36.0	C			
MAY	28	TRJ	P	03 04 32.7	D			
MAY	28	TRJ	P	03 25 27.4	D			
MAY	28	TRJ	P	05 14 20.7	D			
			S	14 53.2	D			
MAY	28	USCGS	05 16 36.3, 21. N, 120.9E, H = 38 Km, M = 5.					
		PHILIPPINE ISLANDS REGION						
		LPB	EPKP	05 36 43				165.
MAY	28	TRJ	P	06 02 19.1	D			
MAY	28	USCGS	08 34 51, 15.3S, 173.2W, H = 31 Km, M = 5.1					
		TONGA ISLANDS						
		LPB	P	08 48 40				
			EL	09 22 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	28	LPB	IP	08 50 27.0				
			S	51 45				
		TRJ	IP	08 50 33.5	D			
			(S)	51 09.3				
MAY	28	USCGS	09 31 19.1, 36.7N, 70.1E, H = 186 Km, M = 5.0					
		HINDU KUSH REGION						
		LPB	PKP	09 50 18				
			EL	10 35 00				138.3
MAY	28	TRJ	P	16 27 11.6	D			
			S	27 41.5	C			
MAY	28	TRJ	IP	17 41 26.1	D			
			S	41 57.8				
MAY	28	USCGS	18 14 10.1, 51.6N, 174.5E, H = 67 Km, M = 5.0					
		ALEUTIAN NEAR ISLANDS						
		LPB	EPKP	18 33 02				119.9
MAY	29	LPB	E(PKP)	01 37 49				
			EL	02 24.9				
MAY	29	SCS	IP	02 19 10.5	D			
		DSG	P	02 19 16.5				
		CCH	P	02 19 19.9				
		TRJ	P	02 19 25.3	D			
MAY	29	USCGS	01 28 59, 45.3S, 95.9E, H = 66 Km, M = 5.5					
		SOUTHEAST INDIAN RISE						
		LPB	EL	02 39 00				148.8
MAY	29	USCGS	04 25 11.9, 9.9S, 74.1W, H = 33 Km, M = 4.1					
		PERU						
		DSG	P	04 27 18.5				
		LPB	EP	04 27 20				
			S	29 45				8.9
		LPZ	EP	04 27 26				
		SCS	EP	04 27 59.7	D			
			P	04 28 14.1				
MAY	29	SMB		04 29 09.2				
MAY	29	TRJ	P	04 57 30.5				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	29	TRJ	IP	07 28 34.9	D			
			IS	29 06.5	C			
		CCH	EP	07 28 47.3	D			
		SCS	IP	07 28 48.8	C			
		SMB	IP	07 28 53.9	D			
		LPZ	P	07 29 01				
MAY	29	USCGS	11 53 45.8, 7. N, 77.6W, H = 33 Km, M = 4.0					
		PANAMA-COLOMBIA BORDER REGION						
		LPB	EP	11 59 08				
			ES	12 03 44				
			L	12 09 00				
		LPZ	EP	11 59 08				
		SCS	P	11 59 20.6	D			
		CCH	P	11 59 24.6				
		TRJ	P	12 00 00.6	D			
MAY	29	TRJ	P	12 59 39.2	D			
MAY	29	USCGS	15 36 31.9, 57.8S, 147.3W, H = 33 Km, M = 5					
		SOUTH PACIFIC CORDILLERA						
		TRJ	EP	15 47 28.7	C			
		LPB	EP	15 47 44				
			S	57 02				
			L	16 09.6				
		LPZ	EP	15 47 44				
			EL	16 09.7				
MAY	29	USCGS	19 14 25.6, 1.7S, 126.7E, H = 17 Km					
		MOLUCCA SEA						
		LPB	PKP	19 34 30.8				
			EL	20 28 00				
		LPZ	EL	20 29 00				
MAY	29	TRJ	IP	19 58 36.8	C			
			IS	59 17.4	C			
		SCS	EP	19 58 41.9				
		CCH	IP	19 58 45.7	D			
		LPZ	EP	19 58 50				
		DSG	P	19 58 54.2				
MAY	30	SCS	P	00 47 58.1				
		CCH	IP	00 48 04.8	C			
			S	48 20.0	D			
		LPB	EP	00 48 15				
			S	48 38.7				
MAY	30	TRJ	P	02 56 44.6	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	30	LPZ	EP	03 14 58				
		DSG	P	03 15 00.0				
		LPB	P	03 15 00.4				
			S	15 40.5				
		CCH	EP	03 15 02.5	C			
		TRJ	P	03 15 14.8	C			
MAY	30	TRJ	P	04 12 21.3	C			
		CCH	P	04 12 24.3				
MAY	30	TRJ	P	04 48 02.5	C			
MAY	30	TRJ	P	05 34 31.0	D			
MAY	30	USCGS	07 21 56, 37.7S, 89.3W, H = 27 Km, M = 4.2					
		WEST CHILE RISE						
		TRJ	P	07 27 28.4	D			
		LPB	EP	07 27 47				
			EL	32 30				27.9
			L	35.2				
MAY	30	USCGS	08 48 17.9, 26. N, 95.8E, H = 88 Km, M = 5.8					
		BURMA INDIA BORDER REGION						
		LPB	EPKP	09 08 13				
			EL	10 05 00				162.7
MAY	30	TRJ	IP	09 42 06.8	C			
MAY	30	USCGS	14 02 29, 22. S, 68.5W, H = 124 Km, M = 4.4					
		NORTHERN CHILE						
		TRJ	IP	14 03 24.5	D			
			S	04.05.9				
		LPB	P	14 03 50.1	D	0.9	45.5	5.4
			IS	04 11				
MAY	30	USCGS	19 28 31, 1.8N, 98.2W, H = 33 Km, M = 4.5					
		WEST OF GALAPAGOS ISLANDS						
		CCH	P	19 35 08.8				
		LPB	EP	19 35 20				
			EL	44.9				29.7
		LPZ	EP	19 35 20				
MAY	30	SCS	EP	22 41 48.9	C			
		LPZ	EP	22 41 56				
		CCH	EP	22 [illegible] 27.4	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	31	USCGS	02 04 42.9, 32.6N, 78.2E, H = 33 Km, M = 5.3					
		KASHMIR TIBET BORDER REGION						
		CCH	PKP	02 24 12.8				
		TRJ	IP	02 24 19.2	D			
		LPZ	EPKP	02 24 20				
			EL	03 19 00				
		LPB	PKP	02 24 20.8				146.0
			EL	03 18 00				
		SCS	IP	02 24 21.9	D			
MAY	31	USCGS	05 07 43.4, 44.1N, 128.8W, H = 33 Km, M = 5.5					
		OFF COAST OF OREGON						
		LPZ	EP	05 19 53				
		LPB	P	05 20 01.0				82.0
			EL	45.4				
		SCS	IP	05 20 06.7	D			
		CCH	IP	05 20 09.4	D			
MAY	31	USCGS	08 38 07.5, 35.7N, 139.6E, H = 124 Km, M = 5.5					
		NEAR S. COAST HONSHU, JAPAN						
		LPZ	PKP	08 57 39				
			EL	09 49.6				
		LPB	PKP	08 57 41.2				149.1
			EL	09 49 00				
		SCS	IP	08 57 46.8	D			
		CCH	IPKP	08 57 46.9				
		TRJ	P	08 57 56.4	C			
MAY	31	TRJ	P	09 30 13.4	D			
			S	30 56.9				
MAY	31	TRJ	P	10 04 16.6	D			
MAY	31	SCS	IP	11 56 08.3				
MAY	31	USCGS	11 38 28, 7.5S, 128.7E, H = 37 Km, M = 6.0					
		BANDA SEA						
		TRJ	(IP)	11 58 10.1	D			
		SCS	(P)	11 58 14.4	C			
		CCH	PKP	11 08 18.8				
		LPZ	EPKP	11 58 40				
			EL	12 49.3				
		LPB	EPKP	11 58 40.5				151.2
			PPKP	58 45.6				
			SS	12 20 04				
			L	49 00				
MAY	31	TRJ	P	12 02 47.4	C			
			S	03 33.6	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
MAY	31	USCGS	20 46 54.4, 11.1N, 86.0W, H = 28 Km, M = 4.7					
		NICARAGUA						
		LPB	EP	20 53 28				
			EL	21 03 00				32.9

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JUN	1	USCGS	00 32 57.5, 9.1S, 150.3E, H = 37 Km, M = 5.3					
		EAST NEW GUINEA REGION						
		LPB	EPKP	00 52 37				
			ESKS	59 12				137.9
			EL	01 45 00				
JUN	1	TRJ	IP	02 48 59.7	C			
		CCH	EP	02 49 14.0	C			
JUN	1	USCGS	04 32 45.3, 20.2N, 94.9E, H = 57 Km, M = 5.5					
		BURMA						
		TRJ	P	04 52 28.3	D			
		LPZ	EPKP	04 52 45				
		LPB	PKP	04 52 45.5				
			EL	05 49 00				159.7
JUN	1	SCS	P	05 39 50.0	D			
JUN	1	TRJ	IP	07 50 48.6	D			
JUN	1	USCGS	07 52 26.1, 28.5N, 83.2E, H = 33 Km, M = 5.2					
		NEPAL						
		CCH	PKP	08 12 12.7				
		LPB	PKP	08 12 13.7				
			L	09 08 00				151.5
		LPZ	EPKP	08 12 14				
		SCS	IPKP	08 12 20.5				
		TRJ	PKP	08 12 31.4	D			
JUN	1	TRJ	IP	12 31 18.9	D			
JUN	1	USCGS	15 10 58.4, 7. N, 73.4W, H = 150 Km, M = 4.2					
		NORTHERN COLOMBIA						
		LPB	EP	15 13 15				
			EL	16 00				10.8

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	2	USCGS 02 05 32.9, 38.7S, 73.4W, H = 28 Km, M = 5.1 NEAR COAST OF CENTRAL CHILE						
		TRJ	IP	02 09 50.7	C			
		CCH	IP	02 10 26.6				
		SCS	IP	02 10 28.9	C			
		LPZ	P	02 10 30				
			EL	18.1				
		LPB	P	02 10 33	C	1.1	67.7	22.4
			S	14 41				
			G	18.7				
			L	17.3				
JUN	2	TRJ	P	03 10 35.9				
			S	11 06.4				
JUN	2	TRJ	P	03 13 46.0	D			
			S	14 19.8	D			
JUN	2	SCS	P	03 50 05.9				
JUN	2	TRJ	IP	04 36 03.4	D			
JUN	2	USCGS 05 12 59.1, 23.5S, 180.0E, H = 539 Km, M = 5.6 SOUTH OF FIJI ISLANDS						
		LPB	EP	05 26 03				102.2
JUN	2	USCGS 09 19 32.6, 18.2S, 179.3W, H = 631 Km, M = 5.4 FIJI ISLANDS REGION						
		LPB	EP	09 31 27				103.7
			EL	10 08 00				
		LPZ	EL	10 08.7				
JUN	2	TRJ	P	12 04 42.9	D			
			IS	06 32.7	D			
JUN	2	SCS	IP	13 26 22.5				
			P	26 24.4	D			
JUN	2	USCGS 13 57 51, 4.6S, 105.6W, H = 33 Km, M = 4.8 N. EASTER ISLAND CORDILLERA						
		LPB	P	14 05 18.5	C			37.8
			ES	11 22				
			G	14.1				
			L	16.8				
		LPZ	EP	14 05 20				
			EL	17 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	2	LPB	EP	14 13 33				
			E(L)	25 00				
		LPZ	EP	14 13 34				
JUN	2	USCGS 14 45 55.8, 17.9S, 179.5W, H = 637 Km, M = 5.1 FIJI ISLANDS REGION						
		LPB	EL	15 36 00				104.1
JUN	2	USCGS 14 58 31.9, 18. S, 179.4W, H = 621 Km, M = 5.1 FIJI ISLANDS REGION						
		LPB	EP	15 10 19				
			ES	22 00				102.2
			EL	42 00				
JUN	2	TRJ	IP	15 37 00.5	D			
			IS	37 32.0	D			
JUN	2	TRJ	IP	15 54 58.1	D			
JUN	2	TRJ	IP	16 24 06.2	D			
JUN	2	TRJ	IP	16 34 13.4	C			
JUN	2	TRJ	P	17 19 09.4	C			
JUN	2	USCGS 23 40 24.4, 16. N, 46.8W, H = 33 KM, M = 5.6 NORTH ATLANTIC RIDGE						
		SMB	IP	23 47 41.2	C			
		CCH	IP	23 47 43.3	C			
		LPZ	IP	23 47 46				
			S	53 47				
			L	58.4				
		LPB	IP	23 47 46.7				
			S	53 45		1.1	324	37.8
			G	57 00				
			L	58.8				
		SCS	IP	23 47 51.5	D			
		TRJ	IP	23 48 07.9	C			
JUN	3	CCH	EP	02 46 25.5	D			
JUN	3	TRJ	IP	03 15 05.3	D			
			S	15 32.7				
JUN	3	USCGS 04 45 13, 8.8S, 157.1 H = 50 Km, M = 5.3 SOLOMON ISLANDS						
		LPB	PKP	05 04 19.5				
		TRJ	P	05 04 20.0	D			128.9

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	3	TRJ	P	06 38 26.3	D			
JUN	3	USCGS	07 20 11, 42.6S, 83.3W, H = 33 Km, M = 5.1					
			WEST CHILE RISE					
		LPZ	EP	07 26 10				
		LPB	EP	07 26 11				29.2
JUN	3	USCGS	07 43 39.1, 51.9N, 175.8E, H = 58 Km, M = 5.5					
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	08 02 24				119.4
			EL	41 00				
		TRJ	P	08 02 34.8	D			
		LPZ	EL	08 42 00				
JUN	3	USCGS	10 57 08.8, 18.5N, 70.3W, H = 27 Km, M = 5.3					
			DOMINICAN REPUBLIC REGION					
		SMB	IP	11 03 12.5	D			
		LPZ	P	11 03 54				
		LPB	P	11 03 59	C	1.1	56.5	34.25
			S	09 30				
			EL	14 00				
		SCS	IP	11 04 07.0	C			
		CCH	EP	11 04 07.5	D			
JUN	3	USCGS	12 12 26, 14. S, 77.0W, H = 33 Km, M = 4.2					
			OFF COAST OF PERU					
		LPB	EP	12 14 31				8.56
JUN	3	SCS	P	12 35 39.7	D			
		TRJ	P	12 35 57.3	C			
JUN	3	TRJ	IP	14 12 50.2	D			
			IS	13 24.1	C			
JUN	3	TRJ	P	16 06 29.3	C			
		CCH	EP	16 06 56.6	C			
		LPB	EP	16 07 10				
			ES	14 29				
			EL	22 00				
JUN	3	SCS	P	16 24 02.4	D			
JUN	4	USCGS	00 46 31.1, 8 S, 16.0W, H = 33 Km, M = 5.0					
			NORTH OF ASCENSION ISLAND					
		LPZ	EP	00 55 42				
			EL	01 10 00				
		LPB	EP	00 55 43				54.4
			EL	01 10 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	4	CCH	P	04 40 21.1				
JUN	4	TRJ	P	06 40 16.3	D			
			S	40 49.0	C			
JUN	4	USCGS	08 05 36.7, 44.2S, 75.9W, H = 33 Km, M = 5.4					
			OFF COAST OF SOUTHERN CHILE					
		TRJ	IP	08 10 55.2	C			
		SCC	P	08 11 26.4	C			
		CCH	EP	08 11 28.1	C			
		LPZ	EP	08 11 29				
			EL	21.6				
		LPB	P	08 11 30.2				28.3
			ES	16 40				
			EL	21.6				
		SMB	(P)	08 11 37.0	C			
JUN	4	TRJ	IP	09 51 50.0	D			
JUN	4	TRJ	P	09 58 17.8	C			
			S	58 43.5	C			
JUN	4	CCH	EP	11 07 14.5				
JUN	4	SCS	IP	13 50 54.2	D			
JUN	4	SCS	(P)	14 31 55.7	D			
JUN	4	USCGS	14 53 27.7, 8.8S, 79.0W, H = 33 Km, M = 4.3					
			NEAR COAST OF NORTHERN PERU					
		LPZ	EP	14 56 33				
		LPB	EP	14 56 34				13.3
JUN	4	USCGS	15 02 18.3, 51.1N, 178.5E, H = 41 Km, M = 5.2					
			RAT ALEUTIAN ISLANDS					
		LPB	EL	15 57 00				117.6
JUN	4	USCGS	15 26 54.7, 29.9S, 178.8W, H = 225 Km, M = 5.3					
			KERMADEC ISLANDS REGION					
		LP	EL	16 13 00				98.7
JUN	4	USCGS	15 56	31.7N, 95.2E, H = 33 Km, M = 5.0				
			TIBET					
		LPB	EPKP	16 16 50				158.5
			EL	17 12 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	5	USCGS	03 49 03.1, 1.6S, 126.7E, H = 33 Km, M = 5.5					
		MOLUCCA SEA						
		LPB	PKP	04 09 00				156.8
			PKP2	09 30				
			EL	05 03 00				
		CCH	PKP	04 09 00.3				
		SCS	PKP2	04 09 28.8	C			
JUN	5	CCH	EP	04 58 17.5	C			
JUN	5	TRJ	IP	12 48 13.3	C			
		SCS	P	12 48 52.5	D			
JUN	5	TRJ	P	12 52 13.3	C			
		SCS	EP	12 52 53.0				
JUN	5	TRJ	IP	13 09 18.7	D			
		SCS	P	13 09 57.5	D			
		LPB	P	13 10 01.5				
JUN	5	USCGS	14 42 53.5, 4.1S, 153.1E, H = 51 Km, M = 5.1					
		NEW IRELAND REGION						
		LPB	ESKS	15 09 18				133.3
			EL	45 00				
JUN	5	CCH	EP	17 52 44.9				
JUN	5	USCGS	20 41 08.4, 13.7S, 71.6W, H = 67 Km, M = 4.1					
		PERU						
		LPB	EP	20 42 13				4.0
			S	43 35				
			L	43.9				
		SCS	EP	20 42 29.1				
		CCH	EP	20 42 43.8				
		TRJ	EP	20 43 34.1				
JUN	5	TRJ	IP	21 53 55.8	D			
			IS	54 24.8	D			
JUN	5	LPB	P	22 29 06.3				
JUN	6	TRJ	IP	00 02 54.0	D			
JUN	6	TRJ	IP	06 11 32.5	C			
		SMB	IP	06 12 12.9	D			
		CCH	IP	06 12 13.4	C			
		SCS	IP	06 12 18.2	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	6	SCS	P	07 43 57.9	C			
		CCH	P	07 44 02.6				
		TRJ	P	07 44 09.2	D			
JUN	6	TRJ	P	07 51 33.5	D			
JUN	6	CCH	IP	13 09 29.1	C			
JUN	6	USCGS	13 30 57.9, 32.3S, 70.2W, H = 99 Km, M = 4.3					
		CHILE-ARGENTINA BORDER REGION						
		TRJ	P	13 33 57.0	D			
		CCH	EP	13 34 05.1	D			
		LPB	EP	13 34 51				
			EL	38 00				16.2
JUN	6	TRJ	IP	15 23 08.1	D			
			IS	23 38.6	D			
JUN	6	USCGS	21 41 35.3, 1.2S, 80.4W, H = 33 Km, M = 4.3					
		NEAR COAST OF ECUADOR						
		LPB	EP	21 46 10				
			EL	51 00				19.6
JUN	6	TRJ	IP	22 28 23.4	C			
			IS	29 06.6	C			
		SCS	P	22 28 55.7	D			
		CCH	IP	22 28 57	C			
JUN	7	SCS	P	05 03 05.6	D			
		CCH	IP	05 03 07.1	D			
JUN	7	CCH	EP	06 42 38.5	D			
JUN	7	USCGS	10 18 57, 4.5S, 103.2E, H = 33 Km, M = 6.0					
		SOUTHERN SUMATRA						
		LPB	EPKP	10 38 51				
			EL	11 32 00				157.5
JUN	7	TRJ	IP	13 43 26.4	D			
JUN	7	USCGS	15 12 52.6, 17.7S, 178.7W, H = 546 Km, M = 5.2					
		FIJI ISLANDS REGION						
		LPB	EL	16 02 00				103.5

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	7	USCGS	17 50 38.6, 23.2S, 64.8W, H = 16 Km, M = 4.6					
		JUJUY PROVINCE, ARGENTINA						
		TRJ	IP	17 51 11.8	D			
		SMB	IP	17 51 58.5	C			
		CCH	EP	17 52 10.9	C			
		SCS	P	17 52 22.8	D			
		LPB	EP	17 52 30				7.1
			S	54 31				
JUN	8	TRJ	IP	04 51 38.5	D			
JUN	8	TRJ	EP	05 51 37.6	D			
JUN	8	TRJ	P	06 34 39.6	D			
JUN	8	CCH	IP	06 43 39	D			
		SMB	P	06 43 53.9	C			
		SCS	P	06 44 09.9	D			
		LPB	P	06 44 15				
			S	44 53				
		TRJ	EP	06 44 28.3				
JUN	8	TRJ	P	10 01 27.5	D			
JUN	8	TRJ	IP	11 27 22.2	C			
			IS	27 57.3	C			
JUN	8	USCGS	13 39 58.2, 23.3N, 108.5W, H = 33 Km, M = 5.1					
		GULF OF CALIFORNIA						
		LPB	EP	13 49 16				55.7
			S	57 25				
			L	14 05 00				
JUN	8	SCS	P	17 23 46.8	D			
		LPB	EP	17 23 49				
			S	24 21				
JUN	8	SCS	IP	20 47 31.7	D			
JUN	8	SCS	IP	21 58 52.0	D			
JUN	9	SCS	P	02 35 31.2	D			
		LPB	P	02 35 31.6	D	1.0	30.0	
		CCH	P	02 35 34.2	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	9	TRJ	IP	03 01 33.0	D			
			S	02 02.7	C			
		CCH	EP	03 01 58.2	D			
		SCS	IP	03 02 02.1	D			
JUN	9	TRJ	P	03 24 17.6	D			
JUN	9	USCGS	04 52 41, 32.1S, 71.5W, H = 133 Km, M = 4.0					
		NEAR COAST OF CENTRAL CHILE						
		TRJ	EP	04 55 34.7				
		SCS	EP	04 56 12.9	D			
		CCH	EP	04 56 15.6	C			
		SMB	EP	04 56 16				
		LPB	EP	04 56 16				16.0
			S	59 42				
			L	05 01.0				
JUN	9	TRJ	P	06 01 47.8	D			
JUN	9	TRJ	IP	06 30 04.8	D			
		CCH	IP	06 30 38.4				
		SCS	IP	06 30 46.5	D			
JUN	9	USCGS	08 04 30.5, 25.8S, 70.5W, H = 58 Km, M = 4.6					
		NEAR COAST OF NORTHERN CHILE						
		TRJ	EP	08 06 14.4				
		SCS	EP	08 06 40.4	D			
		CCH	P	08 06 46.7				
		LPB	P	08 06 48.0				9.0
			L	09.8				
		SMB	P	08 06 59.8	D			
JUN	9	TRJ	P	08 45 50.3	D			
			IS	46.20.5	C			
		SMB	P	08 46 35.6	D			
		CCH	P	08 46 47.6	D			
JUN	9	SCS	IP	13 09 40.9	D			
		TRJ	P	13 10 06.2	D			
		CCH	EP	13 10 24.3				
JUN	9	USCGS	13 26 52.2, 52.6N, 173.2E, H = 25 Km, M = 5.6					
		ALEUTIAN NEAR ISLANDS						
		[illegible]	EL	14 24 00				120.6
JUN	9	USCGS	16 58 40.3, 19. S, 175.7W, H = 195 Km, M = 5.4					
		TONGA ISLA[illegible]						
		LPB	EL	17 47 00				102.7

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	9	USCGS	19 04 55.2, 8.6S, 127.3E, H = 33 Km, M = 5.1					
		TIMOR						
		TRJ	IPKP	19 24 41.2	C			
		SCS	IPKP	19 24 49.8				
		CCH	EPKP	19 24 49.9	D			
		SMB	PKP	19 24 50.0	D			
		LPB	EPKP	19 24 50		1.0	120.0	150.8
			EL	20 16 00				
JUN	9	TRJ	P	22 08 53.3	D			
JUN	9	TRJ	IP	22 29 28.1	D			
JUN	10	TRJ	(P)	00 16 37.3	C			
JUN	10	CCH	IP	05 27 02.6	D			
JUN	10	LPB	P	05 43 45.2				
			(SS)	58 42				
			L	06 02.5				
JUN	10	USCGS	05 49 00, 35.9N, 70.5E, H = 125 Km, M = 5.8					
		HINDU KUSH REGION						
		LPB	PKP	06 08 14.8				138.6
			EL	54 00				
		SCS	EPKP	06 08 17.0	D			
JUN	10	TRJ	IP	07 11 11.0	C			
JUN	10	TRJ	IP	08 55 44.0	D			
JUN	10	CCH	EP	12 08 01.7				
JUN	10	TRJ	IP	12 37 22.3	C			
JUN	10	TRJ	IP	14 28 52.0	D			
			IS	29 23.4	D			
JUN	10	TRJ	IP	14 34 07.4	C			
			IS	34 37.2	D			
JUN	10	USCGS	15 16 50.5, 1.9N, 126.6E, H = 106 Km, M = 5.0					
		MOLUCCA PASSAGE						
		LPB	EL	16 32 00				159.3

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	11	USCGS	01 34 20, 35.2S, 107.5W, H = 31 Km, M = 5.0					
		EASTER ISLAND CORDILLERA						
		LPB	P	01 41 52.3	C	1.6	75.6	39.6
			S	47 54				
			SCS	51 01				
			L	53.0				
		CCH	P	01 42 00.3				
JUN	11	USCGS	02 37 34.7, 51.8N, 174.1E, H = 35 Km, M = 5.5					
		ALEUTIAN NEAR ISLANDS						
		LPB	EPKP	02 56 30				119.9
			SS	03 14 20				
			EL	35 00				
JUN	11	USCGS	03 33 44.9, 44.7N, 148.7E, H = 47 Km, M = 6.7					
		KURILE ISLANDS						
		LPB	EPKP	03 52 57				138.9
			PKS	56 24				
			SKS	04 00 01				
			SS	14 24				
			G	32.0				
			L	39.5				
		CCH	EPKP	03 53 01.3				
		SCS	EPKP	03 53 01.9				
			IPKP	53 07.4				
		SMB	EPKP	03 53 11.9				
			IPKP	53 19.1				
		TRJ	IPKP	03 53 15.6	D			
JUN	11	TRJ	IP	04 02 54.6	D			
JUN	11	USCGS	04 14 51.4, 44.3N, 149.0E, H = 48 Km, M = 5.2					
		KURILE ISLANDS						
		LPB	EPKP	04 34 06				138.4
			SS	54 53				
			EL	05 19 00				
JUN	11	USCGS	04 44 53.1, 44.5N, 149.2E, H = 42 Km, M = 5.4					
		KURILE ISLANDS						
		LPB	PKP	05 04 18.0	D	1.0	10.0	139.1
			SS	44 19				
			EL	06 52 00				
JUN	11	USCGS	07 11 05.7, 44.4N, 149.2E, H = 50 Km, M = 5.5					
		KURILE ISLANDS						
		LPB	PKP	07 30 28.8				138.2
			EPKP	33 23				
			SS	51 25				
			EL	08 14 00				
		TRJ	EPKP	07 30 36.3	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	11	USCGS	07 27 45.5, 44.1N, 149.4E, H = 61 Km, M = 5.2					
		KURILE ISLANDS						
		LPB	PKP	07 47 08.5	D	1.0	8.0	138.0
			EPS	08 00 08				
			ESS	08 10				
			EL	33				
JUN	11	USCGS	08 53 21, 18.2S, 70.5W, H = 33 Km, M = 4.2					
		NEAR COAST OF NORTHERN CHILE						
		SCS	IP	08 54 02.0	D			
		LPB	IP	08 54 04.5				2.8
			S	55 01				
			L	55.7				
		CCH	EP	08 54 17.5	D			
		TRJ	P	08 54 37.5	D			
		SMB	EP	08 54 42.7	D			
JUN	11	USCGS	08 41 01.1, 44.3N, 149.0E, H = 54 Km, M = 5.1					
		KURILE ISLANDS						
		LPB	EPKP	09 00 13				138.4
			SS	22 25				
			EL	47 00				
		TRJ	EPKP	09 00 33.0	C			
JUN	11	TRJ	P	10 06 50.0	D			
			S	07 25.5	D			
JUN	11	TRJ	EP	12 19 35.2				
JUN	11	TRJ	EP	16 13 07.1				
		SCS	P	16 14 04.2	D			
		LPB	P	16 14 20				
			(PP)	15 22				
			E(S)	19 19				
JUN	11	TRJ	IP	23 48 37.2	D			
			S	49 05.7				
		CCH	IP	23 48 58.4	D			
		SMB	P	23 49 02.7	C			
		SCS	IP	23 49 06.9	D			
		LPB	IP	23 49 15.7	C	0.7	147.8	
JUN	12	TRJ	IP	05 08 31.0	D			
			S	09 03.2				
JUN	12	USCGS	05 28 40.3, 44.2N, 149.8E, H = 41 Km, M = 5.7					
		KURILE ISLNADS						
		LPB	PKP	05 48 04.8				138.2
			EL	06 38 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	12	USCGS	05 41 00.3, 44. N, 149.1E, H = 64 Km, M = 5.6					
		KURILE ISLANDS						
		LPB	PKP	06 00 26.8	D	1.2	14.2	138.6
			SS	21 34				
			EL	45 00				
		TRJ	EPKP	06 00 30.2	C			
JUN	12	USCGS	06 03 34.8, 44.3N, 149.0E, H = 48 Km, M = 5.2					
		KURILE ISLANDS						
		LPB	EPKP	06 22 57				138.4
			ESKS	30 05				
			L	49.9				
		TRJ	EPKP	06 23 08.1	C			
JUN	12	CCH	EP	06 38 17.9	C			
JUN	12	TRJ	P	06 46 48.7	D			
JUN	12	USCGS	10 59 16.8, 19.2N, 64.9W, H = 24 Km, M = 5.5					
		VIRGIN ISLANDS						
		LPB	EP	11 06 20				36.0
JUN	12	TRJ	IP	14 04 37.7	D			
JUN	12	LPB	IP	17 27 50.5	C	0.7	59.2	
			S	28 24				
		SCS	IP	17 27 57.5	D			
		CCH	IP	17 28 13.7	D			
JUN	12	USCGS	18 50 11.3, 20.3S, 68.9W, H = 103 Km, M = 6.5					
		CHILE-BOLIVIA BORDER REGION						
		SCS	IP	18 51 06.9	D			
		TRJ	IP	18 51 15.3	C			
		LPB	IP	18 51 16.0				3.8
			PP	51 20				
			S	51 50				
		CCH	IP	18 51 17.0	D			
		SMB	IP	18 51 31.3	D			
JUN	12	USCGS	18 42 39.1, 44. N, 149.1E, H = 61 Km, M = 5.1					
		KURILE ISLANDS						
		LPB	EL	19 49 00				138.2
JUN	12	USCGS	1[illegible] 46 43.3, 44.1N, 149.0E, H = 41 Km, M = 5.6					
		KURILE ISLANDS						
		LPB	EL	19 52 00				138.5

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	12	SCS	IP	20 59 06.6	D			
		CCH	EP	20 59 13.2				
		LPB	P	20 59 15.7	D	1.0	160.0	
			(S)	59 44.5				
JUN	12	USCGS	20 16 46.3, 44.2N, 149.0E, H = 48 Km, M = 5.3					
		KURILE ISLANDS						
		LPB	EPKP	22 36 10				138.4
			EL	23 22 00				
JUN	13	TRJ	P	00 33 48.6	D			
JUN	13	USCGS	02 20 52, 44.1N, 149.3E, H = 50 Km, M = 5.3					
		KURILE ISLANDS						
		LPB	EPKP	02 40 22				138.6
			EL	03 26 00				
		TRJ	EPKP	02 40 24.7				
JUN	13	SCS	EP	04 40 56.0	D			
		CCH	P	04 41 01.5				
		TRJ	IP	04 41 11.1	D			
JUN	13	USCGS	07 06 13.6, 41.9N, 143.4E, H = 32 Km, M = 6.1					
		HOKKAIDO, JAPAN REGION						
		LPB	PKP	07 25 44.0				103.9
			ESKS	32 28				
			SS	47 49				
			EL	08 12.8				
		SCS	EPKP	07 25 46.1				
		CCH	EPKP	07 25 48.7	C			
		SMB	EPKP	07 25 54.1				
		TRJ	PKP	07 25 57.9	C			
JUN	13	USCGS	20 01 48.1, 37.8N, 29.4E, H = 18 Km, M = 5.3					
		TURKEY						
		LPB	EP	20 15 46				160.0
			EL	53 00				
JUN	13	TRJ	IP	20 39 57.9	D			
			IS	40 29.2	C			
JUN	14	CCH	EP	01 10 21.7	C			
JUN	14	CCH	IP	01 29 45.6	C			
JUN	14	CCH	IP	01 32 18.5	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	14	USCGS	01 15 49.2, 6. S, 151.6E, H = 27 Km, M = 5.7					
		NEW BRITAIN REGION						
		LPB	EPKP	01 34 28				127.3
			EL	02 15 00				
JUN	14	TRJ	P	02 26 47.1	D			
			S	27 26.0				
JUN	14	SCS	IP	04 13 24.3	C			
		LPB	IP	04 13 24.7	D	0.6	22.1	
JUN	14	USCGS	07 30 43.6, 39.8S, 45.8E, H = 33 Km, M = 5.5					
		ATLANTIC INDIAN RISE						
		TRJ	EP	07 43 50.3				
		LPB	EP	07 44 17				96.7
			ES	55 20				
			PS	57 03				
			SS	08 01 47				
			L	16.8				
JUN	14	USCGS	09 40 09.5, 44.6N, 129.5W, H = 33 Km, M = 5.2					
		OFF COAST OF OREGON						
		LPB	EP	09 52 29				82.8
			ES	10 01 56				
			ESS	08 46				
			EL	19 00				
		SCS	EP	09 52 36.4				
		CCH	P	09 52 41.0				
JUN	14	SCS	IP	10 48 23.0	D			
		CCH	IP	10 48 37.0	D			
JUN	14	USCGS	13 05 54, 44.5N, 129.4W, H = 33 Km, M = 5.0					
		OFF COAST OF OREGON						
		LPB	EL	13 47 00				82.8
JUN	14	USCGS	13 17 01.7, 32. N, 87.7E, H = 37 Km, M = 5.1					
		TIBET						
		LPB	EPKP	13 36 52				149.4
			EL	14 27 00				
		SMB	IPKP	13 36 54.1	C			
			EPKP	13 36 55.0				
			[illegible]	37 01.5				
		TRJ	[illegible]	13 36 59.2	C			
JUN	14	TRJ	IP	13 56 11.7	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	14	USCGS	16 47 21.4, 8. N, 37.9W, H = 33 Km, M = 5.2					
			CENTRAL MID ATLANTIC RIDGE					
		LPB	P	16 54 45	D	1.2	31.4	50.8
			ES	17 02 35				
		SCS	P	16 54 50.0	D			
JUN	14	TRJ	EP	19 45 59.4				
JUN	14	SCS	IP	20 40 29.0	C			
JUN	15	CCH	P	00 15 52.4	C			
		SMB	P	00 15 54.4	C			
JUN	15	TRJ	IP	04 15 17.3	C			
JUN	15	CCH	IP	07 55 54.6	D			
		SCS	P	07 56 23.7	D			
JUN	15	TRJ	P	15 34 32.1	D			
JUN	15	TRJ	IP	20 25 33.5	C			
JUN	15	TRJ	P	20 28 51.1	C			
JUN	16	USCGS	02 43 08.1, 34.6S, 112.0W, H = 33 Km, M = 5.0					
			EASTER ISLAND CORDILLERA					
		LPB	P	02 51 09	D	1.0	10.0	43.2
			ES	57 44				
			EL	03 03.0				
		CCH	P	02 51 18.2	D			
JUN	16	USCGS	03 55 17.6, 34.3S, 112.2W, H = 33 Km, M = 5.7					
			EASTER ISLAND CORDILLERA					
		LPB	IP	04 03 19.5	C	2.0	344.5	43.6
			S	09 50				
			ESS	13 23				
			L	16.4				
		TRJ	P	04 03 21.7	C			
		CCH	EP	04 03 27.9	C			
		SMB	EP	04 03 40.5	C			
JUN	16	USCGS	04 57 30, 29.5N, 141.9E, H = 37 Km, M = 5.0					
			SOUTH OF HONSHU, JAPAN					
		LPB	EPKP	05 17 14				149.4
			ESKS	24 16				
			EL	06 08 00				
		CCH	EPKP	05 17 19.7				
		TRJ	EPKP	05 17 30.9	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	16	TRJ	IP	05 31 28.4	D			
JUN	16	TRJ	IP	10 11 10.3	C			
			S	11 40.7				
JUN	16	USCGS	11 40 51, 29.7S, 67.0W, H = 429 Km, H = 3.8					
			LA RIOJA PROVINCE, ARGENTINA					
		TRJ	EP	11 42 38.8	D			
		LPB	EP	11 43 45				13.1
			EL	47 00				
JUN	16	TRJ	EP	13 31 11.3				
JUN	16	TRJ	IP	13 47 45.6	D			
JUN	16	TRJ	P	14 20 00.7	D			
JUN	16	TRJ	EP	15 02 37.3				
JUN	16	TRJ	P	19 52 32.0	C			
JUN	16	TRJ	IP	21 14 49.9	D			
			IS	15 21.5	C			
JUN	16	TRJ	IP	21 26 19.6	C			
			S	26 52.3	C			
		SMB	IP	21 26 54.6	C			
JUN	16	TRJ	IP	23 39 48.8	C			
		CCH	P	23 40 08				
JUN	16	TRJ	IP	23 53 45.6				
		CCH	EP	23 53 52.4	D			
JUN	16	USCGS	23 49 04, 32. N, 87.6E, H = 33 Km, M = 5.0					
			TIBET					
		LPB	EPKP	00 07 54				155.7
			EL	01 02 00				
JUN	17	USCGS	01 02 15.3, 21.2S, 66.8W, H = 176 Km, M = 4.2					
			SOUTHERN BOLIVIA					
		TRJ	IP	01 03 05.4	D			
		CCH	IP	01 03 24	C			
		LPB	IP	01 03 27.5	C			4.9
			I	03 44.5				
			S	04 28				
		SMB	IP	01 03 31.8	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	17	USCGS	03 44 58.2, 50. N, 78.1E, H = Km, M = 5.4					
		EASTERN KAZAKH SSR						
		LPB	EL	04 50 00				137.0
JUN	17	TRJ	P	05 49 52.4	D			
JUN	17	CCH	IP	06 58 33.8	D			
JUN	17	CCH	P	09 19 19.1	D			
		TRJ	IP	09 19 38.4	D			
JUN	17	USCGS	10 51 37, 33.9S, 179.W, H = 33 Km, M = 5.3					
		SOUTH OF KERMADEC ISLANDS						
		LPB	P	11 04 47.5				97.7
			ES	17 18				
			EL	38 00				
		CCH	P	11 04 55.4				
JUN	17	TRJ	EP	15 51 54.9	C			
JUN	17	TRJ	EP	18 14 55.4				
JUN	17	USCGS	19 05 09.1, 52. N, 175.0E, H = 67 Km, M = 5.2					
		LPB	EL	20 02 00				119.7
JUN	17	TRJ	IP	20 19 04.6	C			
		CCH	EP	20 19 16.3				
JUN	17	USCGS	20 14 48.6, 32. N, 87.8E, H = 8 Km, M = 5.4					
		TIBET						
		SMB	PKP	20 34 45.2	D			
		CCH	PKP	20 34 46.1				
		LPB	EPKP	20 34 47				153.0
			EL	20 17 00				
		TRJ	PKP	20 34 50.9				
JUN	17	TRJ	P	22 30 53.7	D			
JUN	18	USCGS	01 18 35.2, 32. N, 87.7E, H = 19 Km, M = 5.2					
		TIBET						
		LPB	EPKP	01 38 28				155.7
			EL	02 32 00				
		SMB	PKP	01 38 30.9	C			
		CCH	PKP	01 38 32.8				
		SCS	IPKP	01 38 35.6				
		TRJ	PKP	01 38 35.9	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	18	TRJ	IP	02 09 34.4	C			
			IS	10 09.7	D			
JUN	18	USCGS	10 48 34.1, 23.7S, 67.3W, H = 157 Km, M = 4.7					
		CHILE-ARGENTINA BORDER REGION						
		TRJ	IP	10 49 30.3	C			
		SCS	IP	10 50 09.0	C			
		CCH	IP	10 50 09.6	D			
		SMB	IP	10 50 09.8	D			
			S	51 19.4	D			
		LPB	IP	10 50 18.2	D	0.9	74.1	7.0
			S	51 42				
JUN	18	TRJ	IP	13 36 48.9	D			
			S	37 21.0				
JUN	18	USCGS	22 45 16.4, 11.1S, 73.6W, H = 111 Km, M = 5.3					
		PERU						
		LPB	IP	22 47 07.9				7.2
			S	48 28				
		SCS	IP	22 47 19.1	D			
		CCH	IP	22 47 34.6	C			
		SMB	IP	22 48 03.0	C			
		TRJ	IP	22 48 22.7	C			
JUN	19	USCGS	01 39 37.8, 13. N, 90.3W, H = 32 Km, M = 4.6					
		NEAR COAST OF GUATEMALA						
		LPB	EP	01 46 45				37.0
			ES	52 31				
			L	57.2				
JUN	19	TRJ	P	04 57 40.3	D			
JUN	19	TRJ	EP	06 47 09.8				
JUN	19	USCGS	06 38 12.6, 52.3N, 172.0E, H = 54 Km, M = 5.5					
		ALEUTIAN NEAR ISLANDS						
		TRJ	EP	06 57 13.6	D			
		LPB	PKP	06 57 22				130.5
			ESKS	07 04 24				
			EL	07 39 00				
JUN	19	[illegible]	P	08 00 26.1				
			[illegible]	00 55.3	D			
		SCS	[illegible]	08 00 33.0	D			
		CCH	[illegible]	08 00 37.[illegible]	C			
JUN	19	CCH	IP	08 28 20.1	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	19	SCS	EP	09 51 02.7				
		TRJ	P	09 51 19.2	D			
JUN	19	TRJ	IP	11 14 04.2	D			
			S	14 35.9				
JUN	19	SCS	P	15 11 16.4	D			
JUN	19	USCGS	15 31 05.1, 21.4S, 179.3W, H = 624 Km, M = 5.1					
		FIJI ISLANDS REGION						
		LPB	SS	16 03 19				103.5
			EL	23 00				
JUN	19	SCS	IP	16 07 35.2	C			
JUN	19	TRJ	IP	16 58 53.8	D			
		SCS	IP	16 59 08.1	D			
		SMB	P	16 59 20.7	D			
JUN	19	USCGS	18 00 53, 6.2N, 73.3W, H = 174 Km, M = 5.0					
		NORTHERN COLOMBIA						
		LPB	EP	18 05 50				23.4
JUN	19	TRJ	IP	23 46 39.4	D			
		SMB	(EP)	23 46 53.4				
		CCH	IP	23 47 17.9	D			
			IS	47 47.3	C			
		SCS	IP	23 47 22.8	C			
			IS	47 50.5	C			
JUN	20	USCGS	01 57 24.8, 44.6N, 149.2E, H = 40 Km, M = 5.4					
		KURILE ISLANDS						
		LPB	EPKP	02 16 47.5				138.9
			EL	03 03 00				
		CCH	PKP	02 16 51.7				
		TRJ	EPKP	02 16 55.9	D			
JUN	20	TRJ	IP	05 00 43.9	C			
		CCH	EP	05 01 05.9	C			
JUN	20	TRJ	EP	05 33 09.6	D			
JUN	20	USCGS	06 01 57.7, 6.8S, 129.3E, H = 149 Km, M = 5.4					
		BANDA SEA						
		TRJ	IPKP	06 21 30.7	C			
		LPB	PKP	06 21 31.6	C	1.0	15.0	159.1
			PKP2	21 37				
			EL	07 13 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
		CCH	PKP	06 21 32.4	D			
			PKP2	21 38.6	D			
		SCS	IPKP	06 21 32.6	D			
			IPKP2	21 37.1	D			
JUN	20	TRJ	P	07 57 01.0	C			
		SCS	P	07 57 09.5	C			
		CCH	IP	07 57 09.8	D			
JUN	20	TRJ	IP	08 02 06.1	D			
		CCH	IP	08 02 32.4	C			
		SCS	IP	08 02 36.1	D			
JUN	20	USCGS	07 53 41.4, 10.4N, 126.1E, H = 45 Km, M = 5.9					
		PHILIPPINE ISLANDS REGION						
		LPB	EPKP	08 13 45				164.7
			EL	09 10 00				
JUN	20	USCGS	12 38 49.7, 3.4S, 139.3E, H = 59 Km, M = 5.6					
		WEST NEW GUINEA						
		LPB	EPKP	12 58 29.5				145.7
			EL	13 47 00				
		CCH	EPKP	12 58 37.6				
JUN	20	USCGS	16 31 19.5, 13.3N, 50.4E, H = 33 Km, M = 5.0					
		EASTERN GULF OF ADEN						
		LPB	EL	17 28 00				121.3
JUN	20	USCGS	18 04 35.7, 42.8N, 126.5W, H = 33 Km, M = 5.6					
		OFF COAST OF OREGON						
		LPB	P	18 16 43				79.2
			EL	43 00				
		SCS	P	18 16 49.5	D			
		CCH	P	18 16 51.8	C			
JUN	20	USCGS	19 16 21.2, 25.4N, 109.4W, H = 33 Km, M = 5.8					
		GULF OF CALIFORNIA						
		LPB	EL	19 44 00				59.5
JUN	20	TRJ	IP	23 25 52.5	D			
JUN	21	USCGS	00 21 14.5, 28.1N, 56.0E, H = 28 Km, M = 6.0					
		SOUTHERN IRAN						
		TRJ	P	00 40 02.0	D			
		SMB	PKP	00 40 15.0	D			
		CCH	PKP	00 40 17.5	C			
		LPB	PKP	00 40 20	C	1.2	48.6	127.3
			L	01 22 00				
		SCS	IPKP	00 40 22.4	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	21	USCGS	01 23 49, 8.7N, 75.6W, H = 36 Km, M = 4.0 NORTHERN COLOMBIA					
		LPB	EP	01 29 41				26.1
JUN	21	USCGS	01 56 18.6, 24.6S, 67.4W, H = 136 Km CHILE-ARGENTINA BORDER REGION					
		TRJ	IP	01 57 21.5	D			
		SMB	IP	01 58 02.5	D			
			IS	59 17.2	C			
		CCH	EP	01 58 03.8	D			
		SCS	IP	01 58 06.0	D			
		LPB	P	01 58 13.4	D	0.7	77.7	8.0
			L	02 00.3				
JUN	21	TRJ	IP	05 26 15.6	D			
JUN	21	TRJ	P	07 18 26.7	C			
JUN	21	USCGS	09 27 55, 6.8N, 73.3W, H = 167 Km, M = 5.2 NORTHERN COLOMBIA					
		LPB	EP	09 32 53				23.8
			S	33 27				
		CCH	EP	09 33 04.8				
JUN	21	USCGS	10 46 35, 3.5S, 77.4W, H = 5 Km, M = 4.5 PERU-ECUADOR BORDER REGION					
		LPB	EP	10 50 29				15.3
			EL	55 00				
		SCS	EP	10 50 39.1				
			IP	50 43.6	D			
		CCH	(P)	10 50 45				
JUN	21	TRJ	IP	11 23 43.8	C			
		SCS	P	11 24 30.8				
JUN	21	TRJ	IP	14 24 43.4	D			
			S	25 15.0				
		SCS	P	14 25 03.0	C			
JUN	21	USCGS	17 19 07, 28.4S, 66.7W, H = 100 Km, M = 4.0 CATAMARCA PROVINCE, ARGENTINA					
		TRJ	IP	17 20 59.1	C			
		LPB	EP	17 21 57				11.7
JUN	21	TRJ	P	19 43 56.3	C			
		SCS	P	19 44 01.8	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	21	USCGS	20 46 11, 6.8N, 126.9E, H = 54 Km, M = 5.4 MINDANAO, PHILIPPINE ISLANDS					
		LPB	EL	22 01 00				162.4
JUN	22	USCGS	00 54 20.1 S, 124.4E, H = 83 Km, M = 5.3 MOLUCCA SEA					
		LPB	EPKP	01 14 05				158.8
JUN	22	USCGS	04 19 54.6, 6 N, 125.4E, H = 43 Km, M = 5.1 MOLUCCA PASSAGE					
		LPB	EPKP	04 39 49				159.5
JUN	22	TRJ	IP	06 01 50.7	D			
			S	02 20.8				
JUN	22	USCGS	05 49 18.9, 36.3N, 77.7E, H = 28 Km, M = 6.1 KASHMIR SINKIANG BORDER REGION					
		LPB	EPKP	06 08 54				144.9
			EL	58 00				
JUN	22	SCS	P	13 54 34.3	D			
		LPB	P	13 54 35.0		0.6	37.8	
			(S)	55 12				
JUN	22	USCGS	14 19 50, 18.3S, 69.1W, H = 122 Km, M = 5.0 NORTHERN CHILE					
		SCS	IP	14 20 27.5	D			
		LPB	IP	14 20 30.9				2.7
			S	21 00.0				
			L	21.9				
		CCH	IP	14 20 42.1	D			
		SMB	IP	14 21 06.4	C			
		TRJ	IP	14 21 09.6	C			
JUN	22	TRJ	P	15 53 44.7	D			
			S	54 25.1				
JUN	22	SCS	IP	23 12 08.7	C			
		DSG	EP	23 12 11.2				
		CCH	EP	23 12 21.9	C			
JUN	22	USCGS	23 48 07.1, 7.1N, 123.5E, H = 60 Km, M = 5.6 MINDANAO, PHILIPPINE ISLANDS					
		CCH	PKP	00 08 10.2	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	23	TRJ	IP	00 29 20.1	C			
		SMB	IP	00 30 00.2	D			
			IS	31 13.8	C			
		SCS	IP	00 30 08.2	D			
		CCH	IP	00 30 13.3	C			
JUN	23	SCS	IP	01 08 05.1	C			
		CCH	IP	01 08 20.2	D			
JUN	23	DSG	EP	03 48 55.2				
		SCS	(P)	03 49 00.4	D			
		CCH	EP	03 49 19.1				
		TRJ	P	03 49 53.1	C			
JUN	23	USCGS	09 07 46, 7.4S, 129.3E, H = 137 Km, M = 5.0					
		BANDA SEA						
		CCH	PKP	09 27 24.1				
JUN	23	TRJ	P	10 12 41.6	C			
JUN	23	USCGS	11 24 13.6, 8.9S, 123.6E, H = 23 Km, M = 5.4					
		FLORES ISLAND REGION						
		TRJ	PKP	11 44 04.9	D			
		CCH	PKP	11 44 10.5				
JUN	23	USCGS	16 09 01.3, 4.1S, 135.3E, H = 34 Km, M = 5.3					
		WEST NEW GUINEA REGION						
		TRJ	EPKP	16 28 49.2				
		CCH	PKP	16 28 52.8				
JUN	23	CCH	EP	17 11 08.9				
		SMB	IP	17 11 11.6	D			
JUN	23	TRJ	P	17 53 44.7	D			
			S	54 25.1				
JUN	24	USCGS	03 29 46.2, 18.1S, 69.7W, H = 80 Km, M = 5.0					
		NORTHERN CHILE						
		SCS	IP	03 30 28.2	C			
		DSG	IP	03 30 38.9	D			
		CCH	IP	03 30 49	D			
		SMB	IP	03 31 13.0	C			
		TRJ	IP	03 31 15.1	C			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	24	TRJ	P	04 17 04.5	D			
		SCS	(IP)	04 17 47.9				
JUN	24	TRJ	IP	06 20 07.4	C			
JUN	24	USCGS	07 45 13.6, 7.N, 126.2E, H = 50 Km, M = 6.0					
		MINDANAO, PHILIPPINE ISLANDS						
		CCH	PKP	08 05 15.6	C			
		SCS	PKP	08 05 16.0	D			
JUN	24	TRJ	P	13 43 11.1	C			
JUN	24	TRJ	P	13 51 50.4	D			
JUN	24	SCS	IP	16 54 57.8	C			
		CCH	IP	16 55 15.4	C			
		TRJ	P	16 55 58.4	D			
JUN	24	USCGS	18 00 06.3, 44.1N, 149.3E, H = 33 Km, M = 5.0					
		KURILE ISLANDS						
		SCS	PKP	18 19 23.5	C			
JUN	24	USCGS	18 21 05, 38.6S, 73.1W, H = 33 Km, M = 4.5					
		NEAR COAST OF CENTRAL CHILE						
		TRJ	P	18 25 23.4	C			
JUN	24	TRJ	P	20 10 57.9	C			
		CCH	(P)	20 11 34				
JUN	24	TRJ	P	22 34 09.3	D			
			S	34 39.2	C			
JUN	24	USCGS	23 08 40.4, 20.1N, 120.8E, H = 33 Km, M = 5.0					
		PHILIPPINE ISLANDS REGION						
		CCH	PKP	23 28 51.0				
JUN	25	SCS	P	01 26 28.4	D			
		CCH	P	01 26 37.3	C			
		SMB	P	01 27 15.7	C			
		TRJ	P	01 27 18.3	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	25	SCS	P	07 02 50.5	C			
JUN	25	TRJ	EP	08 03 25.4				
JUN	25	CCH	IP	08 14 30.4	C			
JUN	25	TRJ	IP	13 46 48.7	D			
			S	47 19.7	D			
		SCS	IP	13 47 09.1				
JUN	25	DSG	IP	14 34 58.3	C			
		SCS	IP	14 35 00.1	D			
		TRJ	P	14 36 00.4	D			
JUN	25	USCGS	20 27 02.5, 37. S, 96.0W, H = 33 Km, M = 5.3					
		SOUTHERN PACIFIC OCEAN						
		CCH	P	20 33 41.4				
JUN	25	TRJ	IP	21 38 29.4	D			
			IS	39 02.6	D			
		CCH	IP	21 39 02.6	D			
		SCS	IP	21 39 03.2	C			
		SMB	IP	21 39 03.5				
			S	40 01.5				
		DSG	IP	21 39 13.4	D			
JUN	25	SCS	IP	23 55 12.6	C			
		CCH	IP	23 55 35.5	C			
JUN	26	USCGS	03 35 10, 28.9S, 69.2W, H = 109 Km, M = 4.6					
		CHILE-ARGENTINA BORDER REGION						
		TRJ	P	03 37 14.3	C			
		SMB	EP	03 37 57.5				
		CCH	(P)	03 37 59.1				
		SCS	P	03 38 00.6	D			
JUN	26	SCS	P	04 32 05.6	D			
JUN	26	USCGS	05 55 11, 9..1S, 72.9W, H = 34 Km, M = 4.5					
		PERU-BRAZIL BORDER REGION						
		DSG	P	05 57 13.7				
		SCS	EP	05 57 19.2	D			
		SMB	(EP)	05 58 10.9				
		CCH	EP	05 58 39.7				
		TRJ	EP	05 58 40.5				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	26	USCGS	09 21 42.9, 34.1S, 72.1W, H = 34 Km, M = 4.5					
		NEAR COAST OF CENTRAL CHILE						
		TRJ	EP	09 25 08.2	D			
		SMB	EP	09 25 46.7				
		CCH	P	09 25 47.4	C			
JUN	26	TRJ	P	11 43 49.8	D			
JUN	26	DSG	IP	12 10 04.8	C			
		SCS	IP	12 10 30.3	D			
		CCH	IP	12 10 49.0	D			
JUN	27	DSG	IP	06 10 55.2	D			
		SCS	P	06 11 01.0	D			
JUN	27	TRJ	IP	06 19 43.9	D			
		SMB	P	06 20 25.0	C			
		SCS	P	06 20 28.4	D			
JUN	27	TRJ	IP	07 51 11.0	C			
JUN	27	TRJ	IP	08 08 59.5	C			
JUN	27	TRJ	IP	09 05 57.1	D			
JUN	27	USCGS	09 45 48, 54.5S, 5.6E, H = 33 Km, M = 5.9					
		BOUVET ISLAND REGION						
		SMB	P	09 56 17.0	C			
		SCS	P	09 56 34.6	D			
		TRJ	IP	09 57 02.0	D			
JUN	27	USCGS	17 09 02.9, 2.5S, 77.0W, H = 108 Km, M = 5.0					
		PERU-ECUADOR BORDER REGION						
		DSG	EP	17 12 46.8	D			
		SCS	P	17 12 57.3	D			
		SMB	IP	17 13 30.5	D			
		TRJ	IP	17 13 51.3	C			
JUN	28	SCS	P	00 57 21.5	D			
JUN	28	SCS	IP	01 01 05.2	D			
JUN	28	TRJ	EPKP	03 05 42.1				
			IPKP	05 53.6				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	28	SCS	IP	03 56 20.7	D			
		TRJ	IP	03 56 22.4	D			
JUN	28	TRJ	IP	07 51 33.3	D			
			IS	52 09.0	C			
JUN	28	TRJ	EP	10 33 57.1				
JUN	28	TRJ	IP	15 15 50.8	D			
			IS	16 21.2	C			
JUN	29	TRJ	P	00 04 47.0	D			
			S	05 25.7	C			
JUN	29	USCGS	02 04 22.6, 44.4N, 149.4E, H = 33 Km, M = 5.5					
		KURILE ISLANDS						
		TRJ	EPKP	02 23 54.4				
JUN	29	TRJ	P	04 14 15.3	D			
JUN	29	TRJ	EP	04 39 45.6				
JUN	29	TRJ	P	07 17 41.0	D			
JUN	29	TRJ	P	14 03 55.9	D			
JUN	29	DSG	P	19 31 22.0				
		SCS	EP	19 31 26.3				
		CCH	P	19 31 36.4				
		TRJ	EP	19 31 41.4				
JUN	29	TRJ	IP	21 11 31.4	C			
			IS	12 11.9	C			
		SCS	EP	21 12 15.5				
JUN	29	TRJ	IP	21 32 13.3	D			
JUN	30	TRJ	P	02 47 24.2	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JUN	30	USCGS	02 53 14, 1.6S, 126.7E, H = 33 Km, M = 5.2					
		MOLUCCA SEA						
		TRJ	EPKP	03 13 11.4				
		CCH	PKP	03 13 13.0				
		SCS	EPKP	03 13 24.0	D			
JUN	30	TRJ	IP	07 54 21.9	D			
			IS	54 52.7	D			
JUN	30	SCS	P	08 17 46.5	D			
		CCH	P	08 18 04.7	C			
		TRJ	EP	08 18 42.3				
JUN	30	USCGS	08 33 31.8, 51.7N, 176.5E, H = 60 Km, M = 5.6					
		RAT ALEUTIAN ISLANDS						
		TRJ	PKP	08 52 22.1	C			
JUN	30	USCGS	11 12 46.6, 21.3S, 66.5W, H = 191 Km, M = 5.0					
		SOUTHERN BOLIVIA						
		TRJ	IP	11 13 31.6	D			
		CCH	IP	11 13 55.2	D			
		SMB	IP	11 13 56.1	C			
		SCS	IP	11 13 58.1	D			
JUN	30	DSG	IP	11 14 10.9	C			
JUN	30	TRJ	P	15 03 51.1	D			
JUN	30	TRJ	IP	15 33 03.6	C			
JUN	30	TRJ	EP	16 43 13.6				
JUN	30	TRJ	P	18 13 17.9	D			