

SEISMIC BULLETIN
OBSERVATORIO SAN CALIXTO
LA PAZ - BOLIVIA
JANUARY 31 MARCH 1965



OBSERVATORIO
SAN CALIXTO
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SEISMOLOGICAL BULLETIN
1 JANUARY 1965 - 31 MARCH 1965

Station Director
Ramón Cabré S.J.

Assisted by
Luis M. Fernández S.J.
Juan Enviz S.J. (LPB,LPZ)
Jorge Román (PNS)
Javier Aparicio (SCS,DES,CCH)
Enrique Antelo (TRJ,SMB)

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	MAGNIFICATIO
Peñas	PNS	16°16' 02"S	68°28' 24"W	3986	Seismic array of seven short-period vertical Johnson-Matheason, To= 1.25 sec To= .337 sec (Fig. 3 and 4) SP Hor. Benioff, To=1.5 sec, Tq=.2 sec. LP, three components Sprengnether To= 20 sec., Tq= 30 sec. (fig. 2) SP vertical Benioff, To = 1.5 sec. Tq=.75 sec SP horizontal Benioff, To= 1.5 sec. Tq=.75 sec LP, three components Sprengnether, To= 30 sec., Tq= 100 sec Wilson-Lamison, Sp vertical, To= 1.2 sec Tq= 1.5 sec.	400,000 at 1 500,000 at 1 50,000 at 2 50,000 at 1 50,000 at 1 1,500 at 30 sec.
La Paz (WIRISS)	LPB	16°31'57.6"S	68°05'54.1"W	3292	LP, three components Galitzin-Wilip To= 12 sec., Tq= 12.6 sec. Mainka, NS, To= 14 sec., FW, To= 2.4 sec San Calixto Pendulum, NS, FW, To=2.4 sec SP vertical Wilson-Lamison To= 3. sec. SP vertical Wilson-Lamison To= 1.5 sec. SP vertical Wilson-Lamison To= 1 sec. SP vertical Wilson-Lamison To= 1.5 sec. SP vertical Wilson-Lamison To= 3. sec.	1,000 at 12 sec. 180 and 300 700
La Paz (Colegio)	LPZ	16°29'43"S	68°07'57.7"W	3658	SP vertical Wilson-Lamison To= 3. sec. SP vertical Wilson-Lamison To= 1.5 sec. SP vertical Wilson-Lamison To= 1 sec. SP vertical Wilson-Lamison To= 1.5 sec. SP vertical Wilson-Lamison To= 3. sec.	
Cochabamba	CCH	17°24' S	66°07' W	2500		
Desaguadero	DSG	16°33'34"S	69°01'30"W	3810		
Samalipata	SMB	18°10' S	63°51' W	1650		
Sicasica	SCS	17°17'05"S	67°48'55"W	3900		
Tarija	TRJ	21°30'47"S	64°46'34"W	2100		

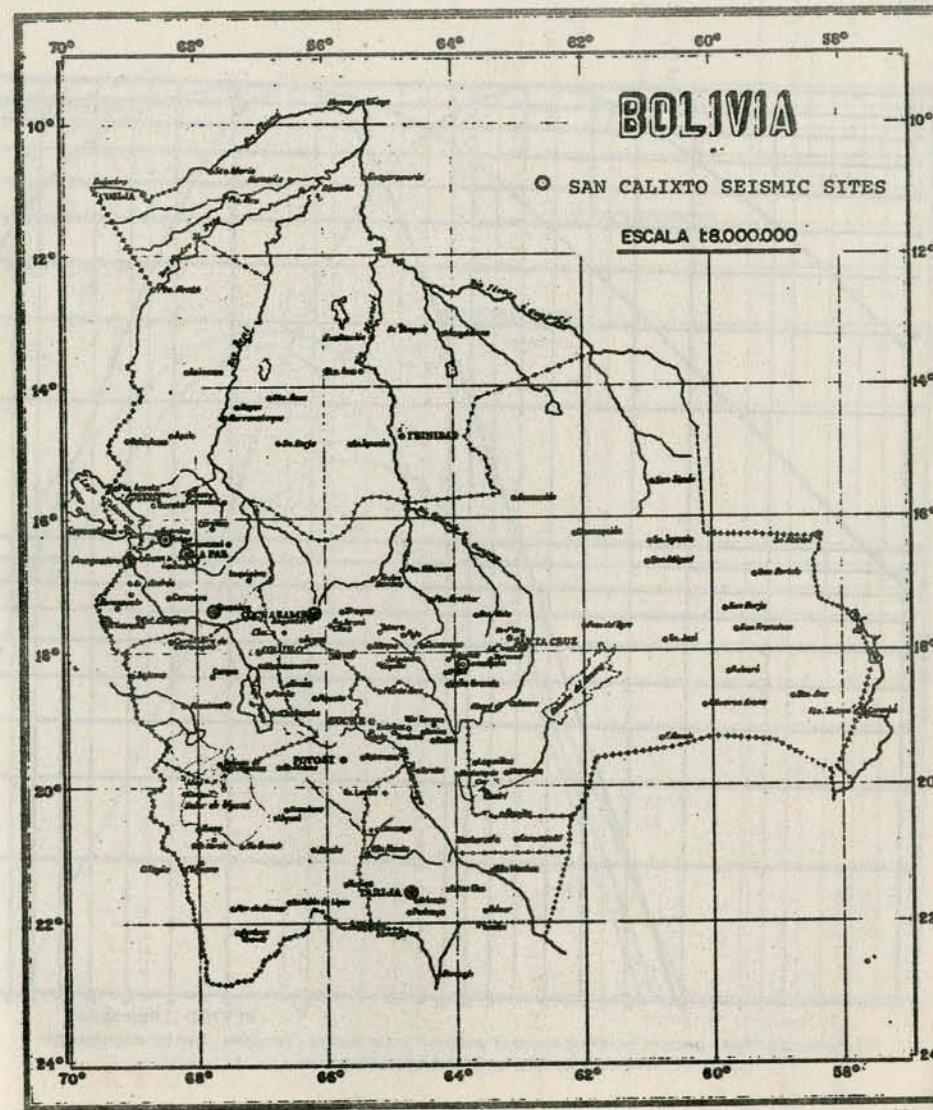


FIGURE 1.- LOCATION OF THE SAN CALIXTO BOLIVIAN NETWORK.

graph 5
 2 x 2

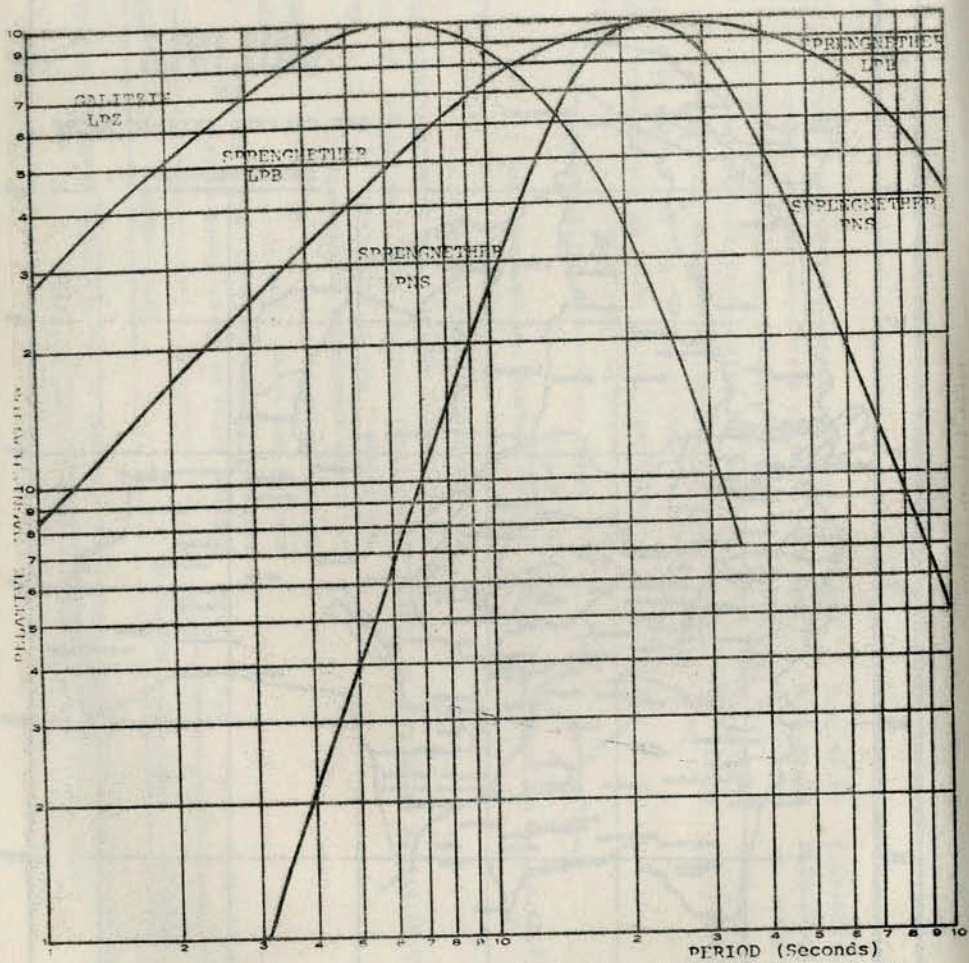


Figure 2. Frequency response curves of the Long Period Instruments at the different stations of the network.

graph 5
 2 x 2

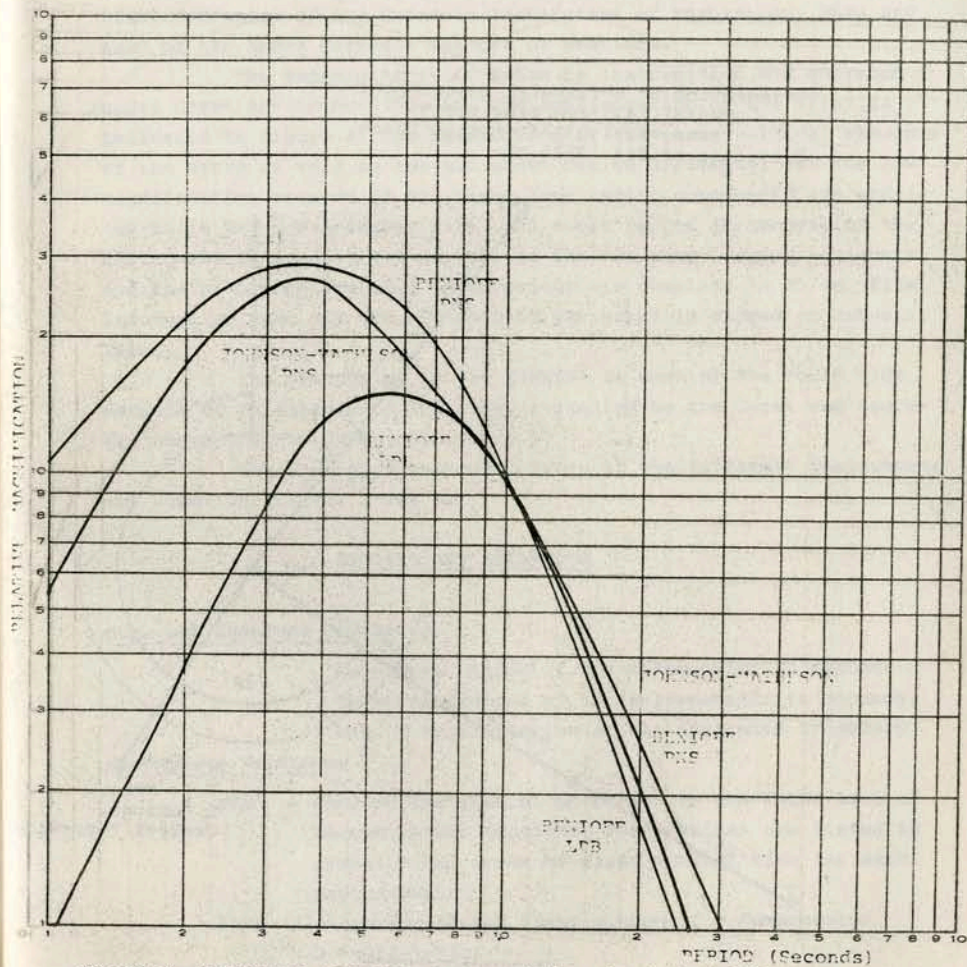


Figure 3. Frequency response curves of the short Period Instruments at the different stations of the network.

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

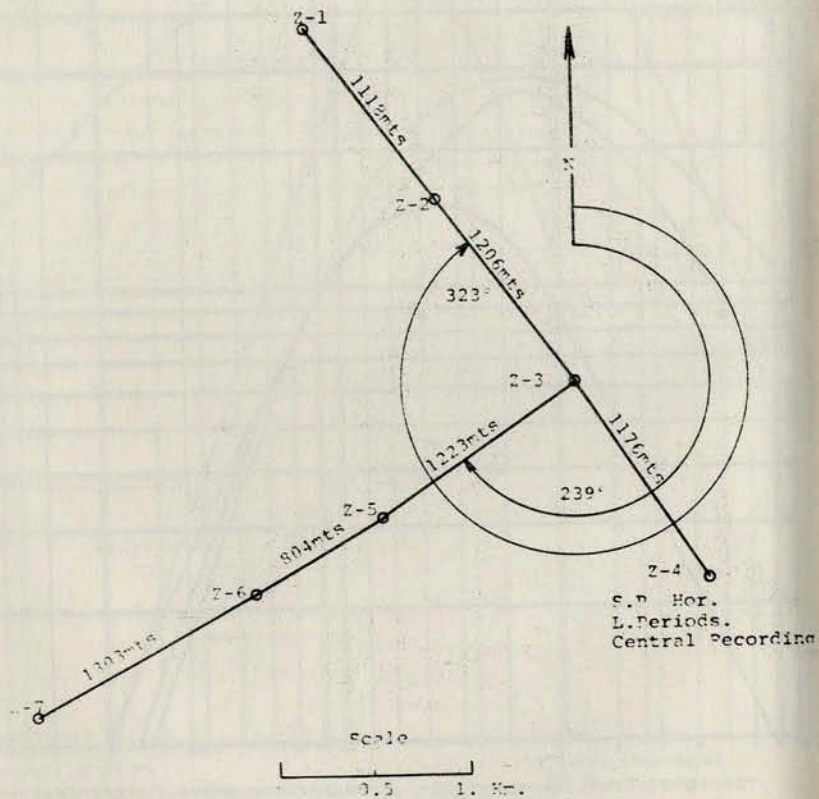


Figure 4. Configuration of the seismic array of Peñas, DNS.

The stations of Cochabamba, Desaguadero, Samaipata, Sica-sica and Tarija are operated in cooperation with the Instituto Geofísico Boliviano under the sponsorship of the Department 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. developocorder 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 (WWNS) 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 chronological 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 is calculated from S-P travel times assuming a normal depth of the focus. Figures 6.7 and 8 indicate the detection capabilities of the different stations during the month of March

Note: Since the Feñas Seismic array operation by the San Calixto Observatory started the 15 of February the readings of PNS previous to this date, are taken from the "Seismological Bulletin West Germany, Norway, Bolivia" of the Geotechnical Corporation.

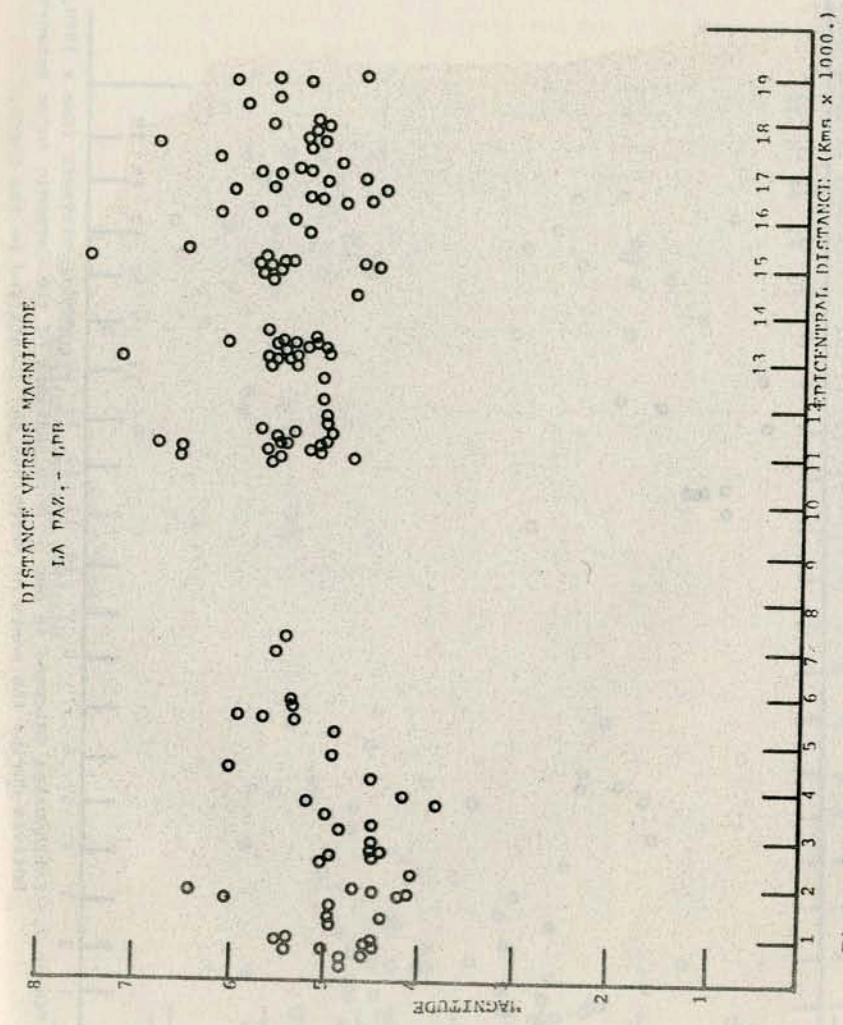


Figure 6.- Earthquakes detected at La Paz during the month of March, 1965, and identified by the USCGS.

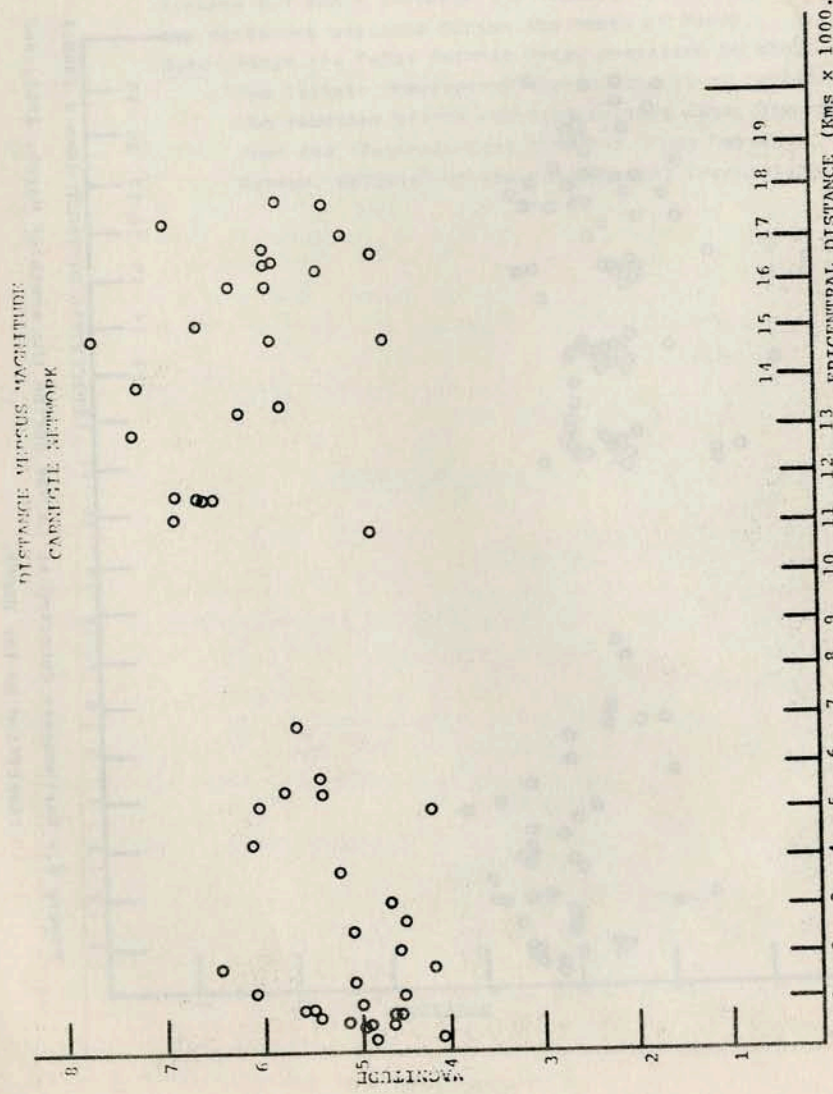


Figure 7.- Earthquakes detected in one or more stations of the Carnegie Andes Network in Bolivia during the month of March 1965 and identified by the USCGS.

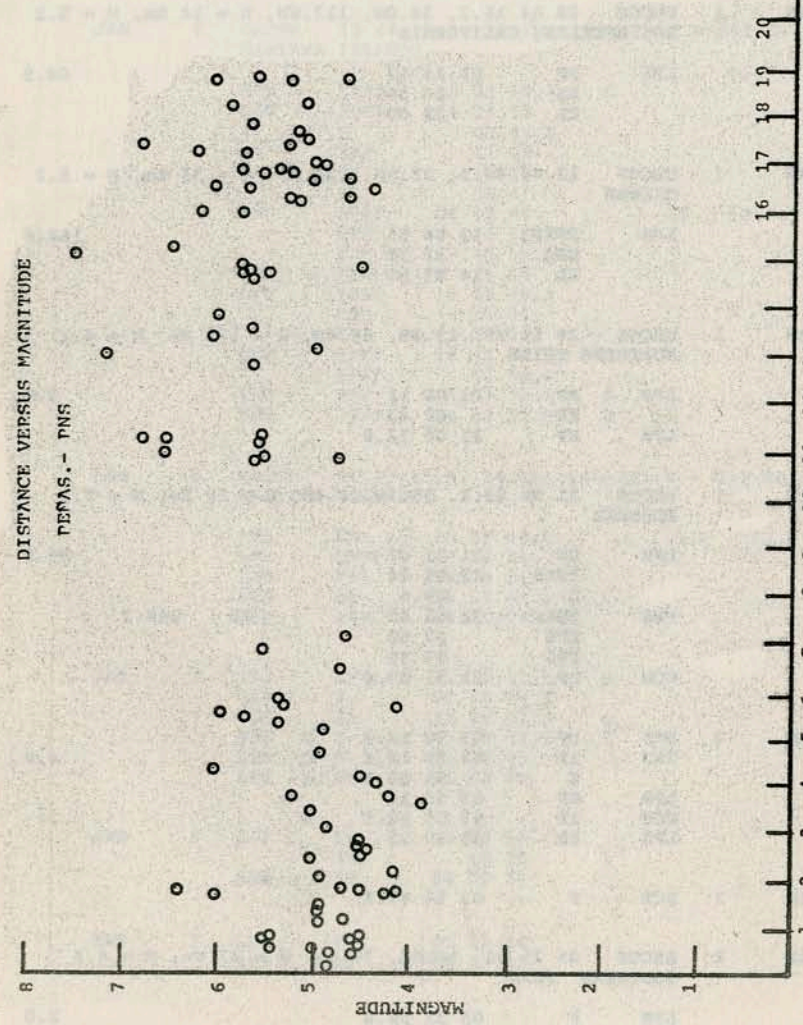


Figure 5.- Earthquakes detected at Refas during the month of March, 1965, and identified by the USCGS.

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST	
JAN	1	LPB	P S (G) L	02 19 19.3 25 10 27.9 29.5	D	1.2	23.4		
JAN	1	LPB PNS	P EP	03 38 28 03 38 32.2					
JAN	1	USCGS	08 04 16.2, 34.0N, 117.6W, H = 14 Km, M = 5.2 LOS ANGELES, CALIFORNIA						
		LPB	EP ES EL	08 14 13 24 36 38 00				68.5	
JAN	1	USCGS	12 46 43.4, 23.5N, 121.2E, H = 33 Km, M = 5.2 TAIWAN						
		LPB	EPKP ESS EL	13 06 51 32 39 14 07 00				168.8	
JAN	1	USCGS	20 59 20, 19.3S, 69.6W, H = 174 Km, M = 4.2 NORTHERN CHILE						
		LPB	EP ES	21 00 11 00 43				3.0	
		LPZ	EP	21 00 12.8					
JAN	1	USCGS	21 38 29.2, 35 7N, 4.4E, H = 10 Km, M = 5.2 ALGERIA						
		LPB	EP ESKS L	21 51 07 22 01 24 19.4				85.9	
		PNS	ESKS EPS ESS	22 01 45 02 50 07 35		20	240.7		
		CCH	EP	21 51 09.0					
JAN	2	SCS TRJ	EP IP S	03 50 13.6 03 50 13.6 51 00.4	C C C			4.0	
		LPB CCH LPZ	EP IP EP	03 50 15 03 50 22.5 03 50 25					
JAN	2	SCS	P	03 54 47.1	C				
JAN	2	USCGS	05 25 03, 16.0S, 70.4W, H = 33 Km, M = 4.4 SOUTHERN PERU						
		LPB	P S	05 25 56.0 26 41				2.0	
		PNS	EL	05 25 50		20	1303.8		
		SCS	P	05 26 05.3	C				
		CCH	EP	05 26 23.3	C				

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST	
JAN	2	SCS LPB	IP EP S	06 07 55.6 06 08 02 08 41.5	C				
		LPZ	IP S	06 08 07 08 44					
		CCH TRJ	IP IP	06 08 09.0 06 08 23.0	C C				
JAN	2	TRJ	IP	06 56 52 3	D				
JAN	2	USCGS	13 44 18 9, 19.1N 145.4E, H = 142 Km, M = 6.1 MARIANA ISLANDS						
		SMB LPB	IPKP EPKP I EPP SS EL	14 03 18.6 14 03 43 03 48.5 17 00 26 17 53.4	C			148 1	
		PNS	EPKP ESS ELQ ELR	14 03 47 26 14 46 18 55 40		15	1258 7		
		LPZ	IPKP ESS EL	14 03 48.8 26 04 55 00					
		CCH	EPKP IPKP	14 03 51.9 03 58.6	C				
		TRJ	PKP	14 03 52.3	D				
		SCS	IPKP	14 03 52.8	D				
JAN	2	USCGS	18 10 15.5, 19 1N, 145.4E, H = 145 Km, M = 5.3 MARIANA ISLANDS						
		PNS	EP	18 29 44.0		1 0	22.9		
		LPZ	EPKP	18 29 44				148.1	
		LPB	PKP	18 29 44					
		SCS	EP	18 29 46.1	C				
		CCH	PKP	18 29 54.7					
JAN	2	TRJ	(P)	21 17 02.0	D				
		CCH	P	21 18 27.5					
		SCS	IP	21 18 32.1	C				
		SMB	P	21 18 37.2	D				
		LPB	P	21 18 41					
		LPZ	EP	21 18 42					
JAN	3	LPB	EP (S)	00 39 58 40 25					
		LPZ	EP	00 59 58					
JAN	3	LPB LPZ	EP EP	09 13 13 09 13 13					

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	3	PNS	EP	10 06 42				
		TRJ	EP	10 10 58.7	D			
		LPB	EP	10 11 32				
		LPZ	EP	10 11 33				
		CCH	P	10 11 39.9				
JAN	3	USCGS 10 55 28.0, 0.3S, 124.4E, H = 39 Km, M = 5.0 MOLUCA SEA						
		LPZ	EPKP	11 15 19				
		LPB	EPKP	11 15 39				158.7
			ESKS	21 36				
			EL	12 11 00				
		PNS	EP	11 16 03.6		0.7	9.0	
JAN	3	USCGS 15 40 18.3, 29.3N, 141.7E, H = 42 Km, M = 5.1 SOUTH OF HONSHU						
		PNS	PKP	16 00 06.0		0.5	12.1	
		LPB	IPKP	16 00 07.0	C	0.9	28.9	149.7
			EL	51 00				
		LPZ	PKP	16 00 08				
JAN	3	USCGS 23 13 50.4, 60.2N, 151.2W, H = 93 Km, M = 5.6 ALASKA						
		LPB	EP	23 27 29				101.2
			EL	59 00				
		LPZ	EP	23 27 34				
JAN	3	TRJ	(IP)	23 36 55.5	D			
JAN	4	TRJ	IP	02 04 08 5	D			
JAN	4	TRJ	P	03 51 39.6	D			
JAN	4	USCGS 03 41 23, 59.9N, 153.6W, H = 122 Km, M = 5.4 SOUTHERN ALASKA						
		PNS	EP	04 11 24.0		0.5	0.8	
			ES	12 10				
		LPB	EL	04 30 00				102.2
JAN	4	USCGS 05 21 55.7, 7.3S, 127.9E, H = 148 Km, M = 5.0 BANDA SEA						
		TRJ	IP	05 41 30.0	C			
		CCH	PKP	05 41 32.6				
		SCS	IP	05 41 35.4	D			
		LPB	PKP	05 41 36.0				151.2
			EL	06 35 00				
		LPZ	PKP	05 41 36				

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	4	USCGS 07 07 31.1, 19.1S, 177.5W, H = 570 Km, M = 5.5 FIJI ISLANDS						
		LPB	EP	07 21 13				101 9
			EL	57 00				
JAN	4	PNS	EP	08 08 32			1.0	5.5
JAN	4	USCGS 11 29 48.2, 1.8N, 127.2E, H = 84 Km, M = 5.8 HALMAGERA						
		PNS	EPKP	11 49 40.5		1.3	11 9	
		LPB	PKP	11 49 41				158.9
			EL	12 46 00				
		LPZ	EPKP	11 49 50				
JAN	4	PNS	EPKP	19 59 42		0.9	6.6	
JAN	4	USCGS 22 24 54 7, 20.0N, 143.9E, H = 59 Km, M = 4.9 MARIANA ISLANDS						
		LPZ	EPKP	22 44 38				
			EL	23 35.7				
		LPB	EPKP	22 44 40				149 4
		EL	23 36 00					
JAN	5	USCGS 00 51 33.6, 7.3S, 106.7E, H = 89 Km, M = 5.3 JAVA						
		CCH	PKP	01 11 19.1				
		LPB	EPKP	01 11 20				155.7
		L	02 25 00					
JAN	5	USCGS 13 46 16.2, 6.3S, 154.3E, H = 10 Km, M = 5.1 SALOMON ISLANDS						
		LPB	PKP	14 05 32				132 1
			EL	49 00				
JAN	5	USCGS 18 05 58.6, 20.3S, 174.1W, H = 33 Km, M = 6.0 TONGA ISLANDS						
		PNS	EP	18 19 37.8		1.8	61.9	
		LPZ	EP	18 19 38				
			ESKS	30 35				
			EL	53 00				
		LPB	EP	18 19 40				98.3
			SKS	30 13				
			S	31 09				
			L	52 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	5	USCGS	20 34	20.7, 13.9N, 120.8E, H = 159 Km, M = 5.0				
				PHILIPPINE ISLANDS				
		LPB	EPKP	20 54 30			171.0	
			SS	21 10 10				
			EL	53 00				
		PNS	EPKP	21 05 03.5		1.0	23.5	
JAN	6	USCGS	00 55	27.4, 7.0S, 122.9E, H = 546 Km, M = 5.4				
				FLORES SEA				
		LPZ	EPKP	01 14 19.8				
		CCH	PKP	01 14 20.3	D			
		LPB	PKP	01 14 20.5			154.5	
			SS	38 21				
			EL	02 09 00				
		PNS	EPKP	01 14 20.5		1.5	39.2	
		SMB	(P)	01 14 54.6	D			
JAN	6	USCGS	01 40	33.2, 53.2N, 161.9W, H = 33 Km, M = 6.4				
				SOUTH OF ALASKA				
		LPB	P	01 54 37			105.1	
			EL	02 30 00				
JAN	6	USCGS	02 01	22.2, 44.9N, 112.7W, H = 7 Km, M = 5.1				
				EASTERN IDAHO				
		LPB	EP	02 12 52			73.5	
			EL	36 00				
JAN	6	PNS	IP	07 18 08.6	D	0.5	33.6	
JAN	6	SMB	P	08 37 03.6	C			
JAN	6	USCGS	09 19	01.2, 41.4S, 85.4W, H = 33 Km, M = 5.5				
				WEST CHILE RISE				
		LPB	IP	09 25 01.5	D	0.9	85.0	29.2
			ES	29 08				
			G	31.3				
			L	32.9				
		PNS	IP	09 25 02.4	D	1.5	274.5	
		SMB	P	09 25 17.8	D			
JAN	6	USCGS	10 53	46.2, 41.0S, 75.6W, H = 3 Km, M = 4.4				
				SOUTH OF CHILE				
		LPZ	EP	10 59 06				
		LPB	EP	10 59 27			34.2	
			EL	11 09 00				

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	7	USCGS	14 17	34, 14.7S, 69.3W, H = 115 Km, M = 4.3				
				PERU BOLIVIA				
		PNS	EP	14 18 03		12	530.0	
		LPZ	EP	14 18 08				
			EL	19.2				
		LPB	IP	14 18 10.5	D	0.8	143.4	6.4
			ES	18 49				
			L	19.2				
JAN	7	USCGS	15 56	32.5, 16.2N, 97.2W, H = 43 Km, M = 5.5				
				OAXACA				
		PNS	EP	16 04 29.7		1.1	142.4	
		LPZ	P	16 04 32				
			EL	18 00				
		LPB	IP	16 04 32.9	C	1.3	91.0	43.3
			S	11 08				
			L	16.8				
		SCS	IP	16 04 39.3	C			
JAN	7	USCGS	18 52	25.9, 3.6N, 74.0W, H = 20 Km, M = 4.3				
				COLOMBIA				
		LPB	EP	18 57 08				21.0
			S	19 01 06				
			L	02 06				
		LPZ	EP	18 57 08				
			EL	19 03 00				
		PNS	EP	18 57 11.4		0.7	6.4	
JAN	8	LPB	P	12 14 43				
		TRJ	IP	12 14 43.3	C			
JAN	8	SCS	EP	13 13 25.7	C			
JAN	8	PNS	EP	17 07 21.2		0.2	7.0	
		LPB	EP	17 07 31				4.9
			S	08 28				
		LPZ	EP	17 07 32				
JAN	8	LPB	IP	17 54 21.5	C	0.5	21.3	2.1
			S	54 48				
			P	17 54 22				
		PNS	EP	17 54 30.2		0.2	18.7	
JAN	8	LPB	EP	18 03 02				5.0
			(S)	04 00				
		LPZ	EP	18 03 02				
		PNS	EP	18 03 05.2		0.2	11.7	

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	8	USCGS		18 49 46.0, 59.4S, 24.0W, R = 39 Km, M = 5.9				
			SOUTH SANDWICHS					
		LPB	EP	18 59 03				53.4
			S	19 06 34				
			EL	15.0				
		LPZ	EP	18 59 03 5				
		PNS	EP	18 59 07.2		1.2	42.9	
JAN	8	PNS	EL	21 10 55		25	219.8	
JAN	8	PNS	EP	21 15 59.5		0.7	70.3	
JAN	8	PNS	EP	22 09 14		1.5	19.5	
JAN	9	PNS	EL	01 02 30		22	222.5	
JAN	9	USCGS		01 42 44, 34.2S, 179.5W, H = 33 Km, M = 5.7				
			SOUTH OF KERMADEC ISLANDS					
		LPB	EP	01 56 16				97.3
			L	02 29 0				
JAN	9	PNS	EL	02 25 40		29	105.8	
JAN	9	LPB	EP	02 42 30				4.2
			S	43 19.5				
		PNS	EP	02 42 30		0.6	4.3	
		LPZ	EP	02 42 40				
JAN	9	PNS	EL	05 14 10		28	298.7	
JAN	9	USCGS		06 47 21.9, 18.0S, 179.4W, H = 229 Km, M = 5.0				
			TONGA ISLANDS					
		LPB	EP	07 01 22				100.6
			EL	36 00				
JAN	9	TRJ	IP	07 38 39.9		D		
			S	39 08 1				
JAN	9	USCGS		12 03 11, 32.2S, 66.9W, H = 132 Km, M = 4.7				
			SAN LUIS PROVINCE, ARGENTINA					
		TRJ	IP	12 05 45.3		C		
		SCS	EP	12 06 38.7		D		
		LPB	IP	12 06 48		C	0.9	29.7
			ES	09 42				
			EL	12 12 00				
		LPZ	EP	12 06 48				
		PNS	EP	12 06 51.5		0.8	27.2	

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	9	USCGS		13 32 46.4, 19.9N, 126.2E, H = 5 Km, M = 6.1				
			PHILIPPINE ISLANDS					
		PNS	EPKP	13 52 55.5		1.2	52.2	
		LPZ	PKP	13 52 56				
			ESS	18 02				
			EL	14 51 00				
		LPB	PKP	13 52 56				165.5
			EL	14 50 00				
		TRJ	IPKP	13 52 56.4		C		
JAN	9	USCGS		14 35 12, 9.7S, 80.1W, H = 33 Km, M = 4.4				
			COAST OF NORTHERN PERU					
		PNS	EP	14 38 29.5		0.9	5.1	
		LPZ	EP	14 38 39				
			(SS)	42 50				
			L	43.7				
		LPB	EP	14 38 40				13.5
			ES	40 42				
			SS	42 06				
			EL	43.3				
JAN	9	PNS	EL	15 00 35		19	524.9	
JAN	9	TRJ	IP	15 43 40.0		D		
JAN	9	TRJ	IP	16 12 26.9		(D)		
JAN	9	PNS	EP	19 58 35		0.6	3.2	
JAN	9	SCS	IP	21 30 49.6		D		
		PNS	EP	21 31 00.3		0.5	8.6	
		LPB	P	21 31 07				2.2
			S	31 34				
		LPZ	EP	21 31 08				
		SMB	P	21 31 11.3		C		
JAN	10	USCGS		02 56 56.3, 5.6S, 154.5E, H = 126 Km, M = 5.0				
			SALOMON ISLANDS					
		LPB	EPKP	03 16 13				132.3
JAN	10	USCGS		03 43 44, 3.3S, 81.4W, H = 88 Km, M = 4.8				
			COAST OF NORTHERN PERU					
		PNS	EP	03 47 53.8		0.9	8.5	
		LPB	EP	03 47 59				18.4
			EL	51 00				
		LPZ	EP	03 48 00				
JAN	10	TRJ	(EP)	04 06 22.3		D		

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	10	USCGS		07 37 35.1, 5.8S, 147 3E, H = 113 Km, M = 6.5				
				EAST NEW GUINEA				
		LPB	EPKP	07 56 37.7		0.8	4.3	
		SCS	EPKP	07 56 39.0	D			
		LPB	EPKP	07 56 39				138.9
			SS	08 18 43				
			EL	43 00				
		TRJ	IPKP	07 56 39.4	C			
			S	56 50.8				
		LPZ	E(PKP)	07 57 20				
JAN	10	PNS	EP	08 24 53.7		0.6	4.3	
JAN	10	PNS	EP	09 08 38.6		0.9	22.1	
JAN	10	USCGS		10 04 41, 33.0S, 70.3W, H = 33 Km, M = 4.4				
				CHILE ARGENTINA				
		LPB	EP	10 08 34				16.4
			EL	13 00				
		LPZ	EP	10 08 36				
		PNS	EP	10 08 37.9		1.4	21.2	
JAN	10	PNS	EP	10 22 32.0		0.3	13.8	
JAN	10	PNS	EP	12 42 44.4		1.0	9.5	
JAN	10	USCGS		13 36 30.7, 13.5S, 166.6E, H = 32 Km, M = 6.5				
				NEW HEBRIDES ISLANDS				
		PNS	EPKP	13 55 19		0.8	12.9	
		LPB	PKP	13 55 19.6				118.3
			PP	56 28				
			SKS	14 02 06				
			PS	06 09				
			SS	12 42				
			L	32.6				
		LPZ	EPKP	13 55 20				
			SKS	14 02 06				
			PS	06 10.5				
			SS	12 28				
			L	32.8				
JAN	10	PNS	EP	15 46 33.4		0.7	12.5	
JAN	10	PNS	IP	16 29 19.8	D	0.4	9999.9	
			ES	29 42				
		SCS	IP	16 29 25 5	D			
JAN	10	PNS	EL	18 37 02		30	293.1	

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	10	USCGS		18 00 41.1, 3.4S, 146.2E, H = 39 Km, M = 5.1				
				BISMARCK SEA				
		LPB	EPKP	18 20 11				140.7
			EL	19 06 00				
		PNS	EL	19 07 20		29	203.8	
JAN	10	USCGS		19 38 56, 28.2S, 66.9W, H = 175 Km, M = 4.8				
				CATAMARCA, PROVINCE ARGENTINA				
		SCS	P	19 41 27.6	C			
		SMB	P	19 41 23.6	D			
		PNS	EP	19 41 39.5		0.5	9999.9	
		DSG	P	19 41 41.1	C			
		LPB	EP	19 41 46				11.7
			S	43 40				
			L	44.3				
JAN	11	USCGS		23 45 38, 3.4S, 146.1E, H = 24 Km, M = 5.2				
				BISMARCK SEA				
		LPB	EPKP	00 05 12				140.9
			EL	00 53 00				
		PNS	EL	00 52 30		30	141.1	
JAN	11	USCGS		00 21 58.9, 3.6S, 146.1E, H = 33 Km, M = 5.2				
				BISMARCK SEA				
		PNS	EL	01 29 00		28	125.8	
		LPB	EPKP	00 41 06				140.6
			EL	01 29 00				
JAN	11	USCGS		02 37 14, 10.8N, 62.2W, H = 80 Km, M = 4.2				
				COAST OF VENEZUELA				
		LPB	EP	02 43 04				29 3
			EL	52 00				
JAN	11	USCGS		04 10 04.4, 14.0N, 89.5W, H = 144 Km, M = 5.0				
				EL SALVADOR				
		LPB	EP	04 17 01				37.2
			EL	28 00				
		TRJ	IP	04 17 49.0	D			
		PNS	ES	04 22 35		16	122.9	
JAN	11	USCGS		04 27 40, 16.8S, 76.6W, H = 33 Km, M = 4.8				
				COAST OF PERU				
		LPB	EP	04 29 19				7.4
			EL	31 00				
JAN	11	USCGS		06 48 22.3, 6.5S, 154.4E, H = 100 Km, M = 5.3				
				SOLOMON ISLANDS				
		LPB	EPKP	07 07 20				132.1
			EL	51.8				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST	
JAN	11	TRJ	IP	07 58 31.4	D				
JAN	11	PNS	EL	08 04 58		28	296.8		
JAN	11	LPB	EP	09 01 36					
			ES	07 12					
		PNS	EL	09 07 12		0.5	3.6		
JAN	11	USCGS	09 09 16, 6.0S, 130.5E, H = 129 Km, M = 5.6						
		BANDA SEA							
		TRJ	IPKP	09 28 52.4	C				
		SCS	PKP	09 28 56.7	D				
		LPB	IPKP	09 28 58.6	C	0.8	23.0	150.8	
			EL	10 13 00					
JAN	11	USCGS	09 44 58, 30.0N, 130.3E, H = 33 Km, M = 4.9						
		KYUSHA, JAPAN							
		LPB	EPKP	10 04 42				158.2	
			EL	11 00 00					
		PNS	EL	11 04 40		18	80.5		
JAN	11	PNS	EP	12 20 14.5		0.2	8.2		
			ES	20 37.0					
		SCS	P	12 20 22.4	C				
JAN	11	LPB	EP	13 36 34				2.8	
			(S)	37 07					
		DSG	P	13 36		46.2			
JAN	11	PNS	EL	15 08 20		20	264.7		
JAN	11	SCS	P	16 43 10.9	C				
JAN	11	USCGS	16 57 27.0, 61.1N, 151.0W, H = 59 Km, M = 5.4						
		SOUTHERN ALASKA							
		LPB	EL	17 40 00				101.1	
JAN	11	USCGS	20 14 33.5, 43.0N, 139.2E, H = 189 Km, M = 5.3						
		EASTERN SEA OF JAPAN							
		LPZ	PKP	20 33 46					
			ESS	56 24					
			EL	21 24 00					
		PNS	EPKP	20 33 47.0		1.1	25.6		
			EPP	37 09					
		LPB	PKP	20 33 49	D	0.9	5.0	145.1	
			EL	21 24 00					
		SCS	IPKP	20 33 52.8	C				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST	
JAN	11	USCGS	22 47 06.3, 48.8N, 153.5E, H = 102 Km, M = 5.0						
		KURILE ISLANDS							
		LPB	EPKP	23 06 10				133.2	
			EL	51 00					
JAN	11	LPB	P	23 00 53				3.1	
			S	01 30					
		LPZ	EP	23 00 54					
JAN	12	USCGS	04 41 18, 21.1S, 174 7W, H = 123 Km, M = 4.9						
		TONGA ISLANDS							
		LPB	EP	04 54 16				98.4	
			S	05 05 23					
			L	27.4					
		PNS	EL	05 27 15		23	399.6		
JAN	12	USCGS	05 57 12, 8.4N, 103.4W, H = 33 Km, M = 4.1						
		COAST OF MEXICO							
		LPB	EP	06 05 11				42.5	
			EL	18 00					
JAN	12	TRJ	P	07 33 00 3	D				
JAN	12	SMB	IP	08 53 43 1	D				
JAN	12	USCGS	09 20 38, 8 5N, 121 4E, H = 33 Km, M = 5.6						
		MINDANO PHILIPPINE ISLANDS							
		LPZ	EPKP	09 39 52					
		LPB	EPKP	09 40 20				157.7	
			EL	10 40 00					
JAN	12	USCGS	10 08 47 7, 56 0S, 27 4W, H = 33 Km, M = 5.8						
		SOUTH SANDWICH ISLANDS							
		TRJ	IP	10 16 55.2	D				
		LPB	IP	10 17 41.3	D	1.0	4.2	49.8	
			ES	24 40					
			EL	33					
		LPZ	P	10 17 42					
			ES	24 39					
			EL	33 00					
		PNS	EP	10 17 42.5		0.9	42.2		
			ESCP	22 44					
JAN	12	USCGS	13 36 51.0, 9.7S, 75.0W, H = 48 Km, M = 5.4						
		PERU							
		PNS	EP	13 39 05		0.5	3.4		
			EL	41 25					
		LPB	EP	13 39 05				9.7	
			S	41 45					
			L	42.7					

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
		LPZ	EP	13 39 08				
			S	41 37				
			L	42.8				
		SCS	(EP)	13 39 20.3	C			
		SMB	EP	13 40 17.4				
JAN	12	USCGS NEPAL		13 32 24.0, 27.6N, 88.0E, H = 23 Km, M = 6.1				
		PNS	EPKP	13 52 19.5		1.5	80.8	
			EL	14 58 00				155.7
		LPB	SS	14 16 05				
			EL	45 00				
JAN	12	USCGS SOUTH OF KERMADEC ISLANDS		15 54 34, 34.0S, 179.4E, H = 11 Km, M = 5.2				
		LPB	EL	16 40 00				98.1
		PNS	EL	16 40 25		25	231.9	
JAN	12	USCGS EASTERN CHINA		16 18 11, 34.7N, 111.8E, H = 33 Km, M = 4.9				
		LPB	EL	17 37 00				161.9
JAN	12	LPB	P	16 36 55				
			ESS	46.5				
			EL	50 00				
		LPZ	P	16 36 55.5				
			EL	51 00				
		PNS	EP	16 36 57		1.0	14.5	
JAN	12	USCGS SOUTH OF KERMADEC ISLANDS		18 55 53.6, 34.2S, 179.3E, H = 187 Km, M = 5.2				
		PNS	EL	19 40 40		28	301.9	
		LPB	L	19 41.8				107.0
JAN	12	USCGS SOUTHERN SUMATRA		20 50 12.3, 5.5S, 102.5E, H = 33 Km, M = 5.6				
		LPB	EL	22 05 00				156.4
		PNS	EL	22 07 50		26		
JAN	13	USCGS COSTA RICA		02 19 49, 10.1N, 86.3W, H = 33 Km, M = 4.8				
		LPB	EP	02 26 29				31.9
			EL	36 00				
JAN	13	USCGS SOUTHERN CHILE		03 46 36, 43.5S, 75.2W, H = 33 Km, M = 4.7				
		LPB	EP	03 51 20				27.9
			EL	59 00				

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	13	TRJ	IP	08 23 51.2	D			
JAN	13	USCGS HONSHU		08 40 57.0, 39.0N, 140.7E, H = 19 Km, M = 5.0				
		LPB	PKP	09 00 38.5	D	1.2	71.5	146.5
			EL	10 51 00				
		LPZ	PKP	09 00 57				
			EL	10 50.6				
JAN	13	TRJ	IP	13 46 22.5	D			
JAN	13	USCGS S. PACIFIC OCEAN		16 57 16.0, 36.5S, 98.6W, H = 33 Km, M = 5.1				
		LPB	EP	17 03 55				33.3
			S	09 30				
			L	13.2				
		LPZ	EP	17 03 56				
			(SS)	11 20				
JAN	14	USCGS KYUSHU, JAPAN		01 33 14.6, 30.2N, 129.0E, H = 140 Km, M = 5.3				
		LPB	EPKP	01 52 57.5				159.1
			EL	02 50 00				
JAN	14	USCGS NORTHERN PERU		08 25 17.5, 5.5S, 81.3W, H = 32 Km, M = 5.3				
		LPB	P	08 29 12.0	C	1.5	232.0	16.7
			S	32 27				
			IL	34.3				
		LPZ	P	08 29 12.0				
			ES	32 28				
		SCS	EP	08 29 28 7	D			
		SMB	IP	08 30 11.0	C			
		TRJ	IP	08 30 15.7	C			
JAN	14	PNS	EP	09 00 37.0		1.2	60.3	
JAN	14	USCGS NORTHERN COLOMBIA		12 18 59.3, 6.8N, 72.9W, H = 166 Km, M = 4.9				
		LPZ	P	12 23 57.5				
		LPB	P	12 23 58				23.5
JAN	14	TRJ	IP	13 35 59.8	C			
JAN	14	TRJ	IP	14 38 47.1	C			
JAN	14	TRJ	(IP)	16 51 05.3	(C)			

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	14	SCS	(IP)	16 53 16.1	(C)			
JAN	14	PNS	EP	17 03 55.2		1.6	67.6	
JAN	14	USCGS MOLUCCA	17 01 17.6, 2.3N, 126.9E, H = 94 Km, M = 5.5 PASSAGE					
		SCS	IPKP	17 22 37.2	C			159.9
		LPB	EPKP	17 22 38				
			EL	18 18.8				
JAN	14	LPB	P	22 09 22.5				
			(S)	13 24				
			EL	17 00				
		LPZ	EP	22 09 26				
JAN	15	USCGS	00 34 15.2, 36.5N, 71.0E, H = 245 Km, M = 5.4 AFGHANISTAN, U.S.S.R. BORDER					
		LPB	EPKP	00 53 12				138.9
			EL	01 40 00				
JAN	15	SCS	IP	04 11 38.3	D			
JAN	15	USCGS	05 59 58.5, 49.9N, 79.0E, H = 0 Km, M = 5.5 EASTERN KAZAKH					
		LPB	PKP	06 19 27				137.5
			EL	07 16 00				
		LPZ	EPKP	06 19 27				
JAN	15	TRJ		10 28 19.3	D			
JAN	15	TRJ	IP	12 18 36.1	D			
			S	19 18.3				
JAN	15	SMB	EP	15 32 28.5	D			
JAN	15	SMB	EP	17 34 20.4	D			
JAN	15	USCGS	18 34 07.6, 23.6N, 121.7E, H = 33 Km, M = 5.6 TAIWAN					
		LPB	PKP	18 54 15.0				168.2
			L	19 51 00				
		LPZ	EPKP	18 54 16				
			L	19 50 00				
		CCH	PKP	18 54 18				

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	15	USCGS	19 24 33, 2.0S, 12.8W, H = 33 Km, M = 5.1 ASCENSION ISLANDS					
		LPB	EP	19 34 14				60.2
			ES	42 00				
			L	51 00				
		LPZ	EP	19 34 16				
			L	50 00				
JAN	15	USCGS	20 13 27.8, 18.6S, 178.7W, H = 685 Km, M = 5.3 FIJI ISLANDS					
		LPB	EP	20 27 48				103.1
JAN	15	USCGS	21 07 35.1, 13.3S, 166.4E, H = 85 Km, M = 5.2 NEW HEBRIDES ISLANDS					
		LPB	EPKP	21 26 12				118.6
		LPZ	EPKP	21 26 12				
			EL	22 05 00				
JAN	15	USCGS	23 17 36.0, 13.3S, 166.3E, H = 8 Km, M = 5.5 NEW HEBRIDES ISLANDS					
		LPB	EPKP	23 36 45				118.7
			EL	24 14 00				
		LPZ	EL	24 14.7				
JAN	16	USCGS	06 34 16.6, 57S, 151.3E, H = 60 Km, M = 5.7 NEW BRITAIN					
		LPB	EPKP	06 53 34				135.3
			L	07 38.8				
JAN	16	SCS	IP	09 12 42.6	C			
JAN	16	USCGS	11 32 37.4, 36.6S, 27.4W, H = 101 Km, M = 6.1 S. SANDWICH ISLANDS					
		SMB	IP	11 41 02.4	D			
			S	42 33.5	D			
		SCS	IP	11 41 22.3	C			
		LPZ	P	11 41 27.5				
			PP	42 06				
			IS	48 32				
			SS	52 40				
			L	55.3				
		LPB	IP	11 41 27.8	C	1.0	865.0	50.2
			S	48 30				
			IPS	49 16				
			G	53.7				
			L	55.8				
		DSG	IP	11 41 32.6	D			
			IS	42 48.9	C			
JAN	16	SMB	IP	11 46 12.8	D			

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	16	USCGS SOUTH OF FIJI ISLANDS	12 51 29, EP EL	25.6S, 180.0W, 13 05 22 38 00	H = 445 Km, M = 4.9			101.6
JAN	16	USCGS NEAR COAST OF ECUADOR	16 22 14, EP S L	2.2S, 79.8W, 16 26 25 29 47 31.4	H = 122 Km, M = 4.7			18.0
JAN	16	USCGS ECUADOR	16 59 28.5, EP S EP	2.5S, 78.2W, 17 03 25 06 38 17 03 26.5	H = 33 Km, M = 4.5			16.7
JAN	16	USCGS CHILE BOLIVIA BORDER	20 28 08, IP IP P S P EP ES	19.7S, 68.7W, 20 28 53.8 20 29 03.2 20 29 03.3 29 57 20 29 03.8 20 29 07.2 29 34	H = 236 Km, M = 4.1	D C		3.0
JAN	16	PNS	EP	21 26 29.2		1.2	16.5	
JAN	16	PNS	EP	22 30 14.5		0.5	1.9	
JAN	16	USCGS WEST NEW GUINEA	22 45 29.4, EPKP EPKP	4.4S, 133.0E, 23 04 16 23 05 28	H = 33 Km, M = 5.5		1.2 33.0	132.2
JAN	17	USCGS KODIAK ISLANDS REGION	02 13 28.6, EP EL	58.3N, 151.8W, 02 27 17 03 01 00	H = 33 Km, M = 5.3			100.8
JAN	17	TRJ	IP	07 38 24.1				D
JAN	17	USCGS TONGA ISLANDS	08 19 44.5, EP ES EL	15.1S, 173.7W, 08 33 26 45 13 09 07 00	H = 33 Km, M = 5.4			99.7

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	17	USCGS TONGA ISLANDS	09 01 LPB EP ES EL	07.2, 16.4S, 09 14 42 26 22 48 00	174.3W, H = 123 Km, M = 5.3			100.1
JAN	17	USCGS SOUTH FIJI ISLANDS	10 43 LPB EP SKS PS EL PNS EPP ESKS	17.5, 24.5S, 10 56 22 11 06 05 10 04 31 00 11 00 40.0 06 03	178.4E, H = 518 Km, M = 5.5		1.7 109.5	100.6
JAN	17	TRJ	IP	15 02 17.7				D
JAN	17	SMB	EP	18 50 00.8				D
JAN	17	PNS	EP	20 58 02.5		0.8	2.8	
JAN	17	PNS	EL	21 07 36		25	1453.9	
JAN	17	USCGS JAVA	20 57 CCH DSG IPKP EPKP PKP2 SCS LPB PKP PKP2 ESS L LPZ PKP PKP2 EL PNS IPKP EPKP EPP SMB IPKP	41.3, 6.8S, 21 17 08.5 21 17 11.2 17 43.0 21 17 12.2 21 17 12.5 17 42 41 15 22 08.7 21 17 12.5 17 42 22 08 00 21 17 12.5 17 44 21 20 21 17 32.2	109.1E, H = 242 Km, M = 6.5		D C D C D 1.1 31.0 156.9 D 1.4 102.4 D	
JAN	17	TRJ	IP	23 15 01.6				D
JAN	17	SMB	EP	23 31 18.7				D
JAN	18	USCGS CENTRAL CHILE	00 03 TRJ SMB SCS CCH	11.9, 37.7S, 00 05 16.1 00 07 56.3 00 07 56.7 00 07 59.4	72.9W, H = 52 Km, M = 5.3			D C C

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST'	
		DSG	IP	00 08 02.0	C				
		LPZ	IP	00 08 02.2					
			S	12 05					
		LPB	IP	00 08 02.4	C	1.0	215.0	21.2	
			S	12 05					
			L	14.4					
		PNS	IP	00 08 04.5	C	0.8	87.5		
			EP	08 05		18	1821.4		
JAN	18	PNS	EPKP2	00 39 09.2		0.8	25.8		
JAN	18	DSG	P	01 31 16.1		0.3	2.3		
		PNS	EP	01 31 16.7					
		LPZ	EP	01 31 21.5					
			S	32 50					
		LPB	P	01 31 22					
			PP	31 40					
			S	32 52					
			I	33 04					
		SCS	(EP)	01 31 33.5	C				
JAN	18	USCGS	03 28	25.8, 37.9N, 72.1E, H = 33 Km, M = 4.9					
		TADZHIK, USSR							
		LPB	EPKP	03 47 30				139.3	
			EL	04 35 00					
JAN	18	USCGS	05 49	13.2, 7.2N, 73.2W, H = 108 Km, M = 4.0					
		NORTHERN COLOMBIA							
		PNS	E	05 54 44		0.6	2.1		
		LPB	EP	05 54 47				24.1	
JAN	18	TRJ	IP	06 14 39.3	C				
		SCS	EP	06 16 57.6	C				
		PNS	EP	06 17 08.7		0.5	5.4		
			ES	17 40		0.5	4.1		
JAN	18	TRJ	IP	08 17 41.9	C				
JAN	18	TRJ	IP	10 34 47.5	D				
JAN	18	PNS	EL	14 14 21		22	135.3		
JAN	18	USCGS	15 21	56.1, 37.1N, 95.6E, H = 39 Km, M = 4.9					
		TSINGHAI, PROVINCE, CHINA							
		LPB	EPKP	15 41 13				155.1	
			EL	16 36 00					
JAN	18	PNS	EP	16 57 17.7		0.8	2.8		
JAN	18	PNS	EP	20 19 26.0		0.6	6.6		

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST	
JAN	19	PNS	EP	00 19 23		0.5	10.2		
JAN	19	PNS	EP	01 59 16.5		0.6	7.7		
			ES	02 04 12		24.0	57.1		
JAN	19	PNS	EL	04 59 55		30	104.8		
JAN	19	TRJ	(IP)	08 41 21.0	D				
JAN	19	DSG	EP	09 27 29.6					
		PNS	IP	09 27 33.6	D	0.2	9999.9		
		CCH	EP	09 27 34.0					
		LPB	IP	09 27 36.8	D	0.7	139.7	2.8	
			S	28 11					
		LPZ	IP	09 27 39.5					
		TRJ	P	09 28 31.0	C				
		SCS	IP	09 28 37.6	D				
JAN	19	PNS	EL	14 54 50		20	60.4		
JAN	19	USCGS	15 18	41.6, 28.1S, 66.8W, H = 146 Km, M = 5.2					
		CATAMARCA, PROVINCE ARGENTINA							
		TRJ	IP	15 20 24.9	C				
			S	20 57.6					
		CCH	EP	15 21 14.5	D				
		SCS	IP	15 21 16.9	D				
		LPZ	EP	15 21 24					
		LPB	EP	15 21 25				11.7	
			S	23 57					
			EL	24.9					
		PNS	EP	15 21 25		22	185.0		
		DSG	P	15 21 27.7					
JAN	19	PNS	EPKP	16 43 53		0.5	4.6		
JAN	19	USCGS	17 22	18.8, 23.1S, 66.2W, H = 207 Km, M = 4.1					
		JUJUJY, ARGENTINA							
		TRJ	IP	17 23 05.8	D				
		CCH	EP	17 23 46.8	C				
		SCS	IP	17 23 49.3	C				
		LPB	IP	17 23 59.5		0.7	27.3	5.1	
			S	25 14					
		LPZ	EP	17 24 00					
			ES	25 14					
		DSG	EP	17 24 02.9	C				
		PNS	EPKP	17 24 03.6	C	0.5	9999.9		
JAN	19	USCGS	17 57	37.4, 7.1S, 129.2E, H = 126 Km, M = 4.9					
		BANDA SEA							
		LPB	EPKP	18 17 20				150.5	
			EL	19 08 00					
		PNS	EP	18 17 20		1.0	9.8		

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	19	PNS	ESKS EPS	21 29 00 31 08		20 22	72.1 71.5	
JAN	20	SCS	IP	00 52 12.9		C		
JAN	20	USCGS	01 33 12.8, 32.5S, 178.0W, H = 33 Km, M = 4.9					
			SOUTH OF KERMADEC ISLANDS					
		LPB	EL	02 25 00				98.0
JAN	20	USCGS	09 18 34.9, 18.4S, 167.6E, H = 10 Km, M = 5.0					
			NEW HEBRIDES ISLANDS					
		LPB	EPKP EL	09 37 29.5 10 14 00				114.9
JAN	20	TRJ	IP	10 09 50.3		C		
JAN	20	TRJ	IP	11 10 50.9		C		
JAN	20	PNS	EL	17 12 05		24	199.0	
JAN	20	PNS	EP	23 30 54.1		1.0	5.7	
JAN	21	LPB	EP S	02 03 30 04 14.5				
		LPZ	EP	02 03 31				
JAN	21	USCGS	02 04 43.7, 15.9S, 173.2W, H = 33 Km, M = 5.1					
			TONGA ISLANDS					
		LPB	EL	02 52 00				99.1
JAN	21	SCS	EP	05 41 32.2		C		
JAN	21	USCGS	06 09 58, 34.2S, 17			H = 33 Km, M = 5.9		
			SOUTH OF KERMADEC ISLANDS					
		PNS	ESKS EPS EPPS	06 34 16 36 23 37 39		18 23 22	450.0 905.8 699.4	
		LPB	SS L	06 34 18 55 00				98.1
JAN	21	PNS	EP	07 14 24		0.6	4.3	
JAN	21	PNS TRJ	EP IP	07 39 40 07 39 58.7		0.6	9.7	
JAN	21	PNS	EL	08 26 24		21	185.4	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	21	TRJ	IP S	09 05 55.5 06 37.0		D		
JAN	21	PNS	EP	12 39 39.1		0.6	5.3	
JAN	21	USCGS	13 31 29.4, 34.6N, 86.9E, H = 33 Km, M = 5.0					
			TIBET					
		LPB	EPKP EL	13 51 11 14 43 00				151.7
		PNS	EP	13 51 23		1.0	9.5	
JAN	21	SCS PNS	IP EP	16 02 38.9 16 02 41.7		C	0.5	6.3
JAN	21	TRJ	P	18 50 09.0		C		
JAN	21	TRJ	P	19 35 33.8		C		
JAN	21	LPB	EP EL	19 51 00 20 09 00				
JAN	21	PNS	EP	19 58 59		0.6	3.2	
JAN	21	USCGS	20 43 55.0, 12.3N, 86.7W, H = 138 Km, M = 4.4					
			NICARAGUA					
		LPB	EP EL	20 50 13 21 01 00				34.1
		LPZ	EP	20 51 06				
JAN	21	USCGS	21 37 26.2, 12.8S, 169.0E, H = 639 Km, M = 4.5					
			SANTA CRUZ ISLANDS REGION					
		LPB	EL	22 32 00				116.0
JAN	21	PNS	EP	22 48 11.2		0.8	4.0	
JAN	22	PNS	EP	01 36 33.5		0.5	3.1	
JAN	22	USCGS	02 41 35, 20.5E, 94.5E, H = 76 Km, M = 5.5					
			BURMA					
		LPB	EPKP EL	03 01 25 58 00				161.4
JAN	22	LPZ	EP P (S) P	03 45 48 03 45 48.7 46 44 03 46 09.7				
		TRJ	P			C		

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST	
JAN	22	TRJ	(P)	04 45 18.8	D				
JAN	22	TRJ	P	05 23 28.6	D				
JAN	22	LPB	EP	08 25 20			4.0		
			S	26 07					
		LPZ	EP	08 25 21.5					
		SCS	(EP)	08 25 23.1	C				
		CCH	P	08 25 53.1					
JAN	22	LPZ	EP	10 57 44					
		SCS	IP	10 51 53.1	D		2.7		
		LPB	P	10 57 58 5					
			S	58 30					
		CCH	EP	10 58 05.6	C				
JAN	22	SCS	IP	14 23 47.5	C				
JAN	22	TRJ	IP	22 12 23.7	C				
JAN	23	USCGS	02 39	30.6, 44.2N, 18.0E, H = 33 Km, M = 5.0					
		YUGOSLAVIA					98.6		
		LPB	EP	02 53 08					
			EL	03 26 00					
JAN	23	TRJ	IP	04 56 05.6	D				
JAN	23	TRJ	IP	14 30 06.5	C				
JAN	23	PNS	EP	16 47 28		0.4	8.9	3.0	
			ES	48 04		0.6	4.5		
JAN	23	TRJ	P	17 50 05.0	D				
JAN	23	PNS	ES	20 19 35		22.2	128.8		
JAN	23	USCGS	21 51	14.9, 36.9N, 140.9E, H = 58 Km, M = 51					
		EAST COAST OF HONSHU					148.8		
		LPB	EPKP	22 10 53					
			EL	23 01.3					
JAN	24	USCGS	23 24	29.6, 7.4N, 123.9E, H = 627 Km, M = 5.3					
		MINDANAO PHILIPPINE ISLANDS							
		PNS	EL	00 20 23		28	934.2	165.5	
		LPB	EL	00 29.3					

JANUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST	
JAN	24	USCGS	00 11	12.1, 2.4S, 126.0E, H = 6 Km, M = 6.6					
		CERAM SEA							
		TRJ	(P)	00 31 09.4	D				
		LPB	EPKP	00 31 12				156.6	
			SKS	38 07					
			SS	55 00					
			EL	01 25 00					
		PNS	EPKP	00 31 12.5		2.0	664		
JAN	24	USCGS	01 19	32.9, 6.8N, 73.1W, H = 169 Km, M = 5.4					
		NORTHERN COLOMBIA							
		PNS	EP	01 24 28		0.5	13.2		
		LPB	P	01 24 31				23.7	
			I	25 05.6					
			S	28 33					
JAN	24	PNS	EP	02 40 57		0.4	3.2		
JAN	24	TRJ	(IP)	02 51 20.2	D				
		PNS	EPKP	02 51 27		1.1	10.9		
JAN	24	PNS	EPKP	03 01 41.5		2 0	33.2		
			EPKP2	02 11		0.7	19.8		
JAN	24	TRJ	IP	05 04 50.8	D				
JAN	24	TRJ	IP	05 06 48.6	D				
JAN	24	PNS	EP	09 45 25		0.4	1.8		
JAN	24	PNS	EL	09 47 20		0.8	5.3		
JAN	24	USCGS	19 57	01, 54.4N, 162.2W, H = 20 Km, M = 5.0					
		ALASKA PENINSULA							
		LPB	EP	20 11 17				105.5	
			EL	46 00					
JAN	24	PNS	EP	20 13 27.6		0.7	19.1		
JAN	24	PNS	EP	20 42 18		1.0	7.9		
JAN	24	PNS	EP	21 23 14.5		1.0	5.9		
JAN	24	PNS	EP	21 23 15		16	118.6		
JAN	24	PNS	EP	22 10 52.5		1.7	81.0		

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	24	PNS	EL	23 00 47		33	53.0	
JAN	25	PNS	EPKP	04 34 05.5		1.0	5.9	
JAN	25	TRJ	IP	04 57 30.9	C			
JAN	25	USCGS		10 03 36.2, 20 2S, 67.2W, H = 9 Km, M = 4.7				
			SOUTHERN BOLIVIA					
		TRJ	IP	10 04 53.7	C			
		DSG	EP	10 04 55.2	C			
		LPB	P	10 04 55				3.9
			S	05 41				
			L	06.2				
		LPZ	IP	10 04 58				
			S	05 36				
			I	05 49 8				
		PNS	P	10 04 58				
JAN	25	TRJ	IP	12 13 45.6				
			S	14 24.3	D			
JAN	25	USCGS		12 02 51.4, 2 6S, 126.1E, H = 33 Km, M = 6.3				
			CERAM SEA					
		LPB	EPKP	12 22 50				156.3
			EL	13 17 00				
JAN	25	USCGS		12 15 34.1, 6.0N, 125.9E, H = 166 Km, M = 5.3				
				MINDANAO PHILIPPINE ISLANDS				
		LPB	EPKP	12 35 41				162.9
			EL	13 13 00				
JAN	25	TRJ		15 05 04.1	D			
JAN	25	TRJ	P	15 44 58.4	D			
		PNS	EP	15 45 45.0		0.6	3.3	
JAN	25	USCGS		16 54 0.2, 10.6S, 75.4W, H = 33 Km,				
				PERU				
		PNS	EP	16 56 10.5		0.8	4.4	
		LPZ	EP	16 56 16				9.0
		LPB	EP	16 56 16				
JAN	25	USCGS		16 44 18.7, 13.7N, 144.3E, H = 139 Km, M = 5.4				
				MARIANA ISLANDS				
		PNS	EPKP	17 03 49		0.7	67.6	
		LPB	EPKP	17 03 49				148.4
			EL	51 00				
		TRJ	(P)	17 03 52.6	D			

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	25	USCGS		20 22 56, 32.2S, 138.6E, H = 33 Km, M = 4.9				
				NEAR SOUTH COAST OF AUSTRALIA				
		LPB	EL	21 21 00				124.6
JAN	25	LPB	EP	22 30 48				
			IS	30 56				
		LPZ	EP	22 30 54				
JAN	25	USCGS		22 36 54, 11.4S, 75.2W, H = 115 Km, M = 4.2				
				PERU				
		LPB	EP	22 38 57				8.6
			ES	40 36				
		PNS	EP	22 39 00.0		1.0	5.8	
		LPZ	EP	22 39 06				
JAN	26	USCGS		04 54 51.6, 23.4S, 179.8E, H = 474 Km, M = 5.0				
				SOUTH OF FIJI ISLANDS				
		LPB	EP	05 07 40				102.6
			EL	56 00				
JAN	26	TRJ	(IP)	08 01 15.2	D			
JAN	26	PNS	EP	08 31 05.8	C	0.2	68.0	
		LPB	IP	08 32 10.0	C	0.9	129.0	
			S	32 50				
		LPZ	IP	08 32 10				
JAN	26	USCGS		10 49 33.5, 2.4S, 126.0E, H = 33 Km, M = 5.2				
				CERAM SEA				
		LPB	EPKP	11 09 31				156.6
			EL	12 04 00				
		PNS	EPKP	11 09 31.7		1.3	6.3	
		LPZ	EPKP	11 09 32				
JAN	26	USCGS		13 48 34, 0.4S, 81.1W, H = 33 Km, M = 4.2				
				OFF COAST OF ECUADOR				
		PNS	EP	13 53 03.2		1.0	5.8	
		LPB	P	13 53 08.4		1.0	14.0	20.7
			EL	58 00				
		LPZ	P	13 53 04				
			EL	58 00				
JAN	26	USCGS		14 17 49, 0.2S, 80.8W, H = 33 Km, M = 4.7				
				NEW COAST OF ECUADOR				
		PNS	EP	14 22 21		0.8	11.7	
		LPB	P	14 22 25.3		1.0	30.0	20.4
			ES	26 20				
			L	29.3				
		LPZ	P	14 22 26				
			EL	29 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST	
JAN	26	USCGS	16 54 34, 13 1S, 76.1W, H = 118 Km, M = 4.2 NEAR COAST OF PERU						
		LPB	EP	16 56 18				8.0	
			ES	57 44					
		LPZ	EP	16 56 19					
JAN	26	USCGS	18 14 44.1, 2.4S, 125.7E, H = 33 Km, M = 5.0 CERAM SEA						
		LPB	EPKP	18 34 40				156.8	
			EL	19 29 00					
		PNS	EPKP	18 34 47		1.3	9.4		
			EPKP2	35 12		0.8	7.3		
JAN	26	TRJ	IP	20 13 47.9	D				
			S	14 24.4					
JAN	26	TRJ	IP	23 17 29.3	D				
			(S)	19 00.2					
JAN	26	USCGS	23 47 38.2, 36.1N, 139.5E, H = 104 Km, M = 5.4 HONSHU, JAPAN						
		LPB	EL	23 58 00					
JAN	27	PNS	EP	00 07 12.5		1.5	278.8		
		SMB	EP	00 07 24.0	D				
JAN	27	LPB	P	11 46 19 5					
			ES	47 10					
		LPZ	EP	11 46 22.5					
JAN	27	PNS	EP	12 46 07.5		0.5	1.8		
			ES	46 53.0		999 9 9999 9			
JAN	27	USCGS	19 53 55.0, 6.6S, 153.9E, H = 118 Km, M = 4.8 NEW BRITAIN REGION						
		LPB	EL	19 57 00				132.3	
JAN	27	USCGS	21 44 36.9, 7.0S, 129.6E, H = 110 Km, M = 4.8 BANDA SEA						
		LPZ	EPKP	22 04 21					
		LPB	EPKP	22 04 21.5				150.5	
			EL	56.4					
		PNS	EPKP	22 04 21.5		0 9	15.0		
			EL	54 45		35	218.0		
JAN	28	PNS	EL	00 16 25		28	197.0		
JAN	28	PNS	EP	01 17 20.5		0.8	11.7		

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST	
JAN	28	PNS	EPKP	02 54 00.5		1.5	17.3		
			EPKP2	54 39		1.0	15.6		
JAN	28	TRJ	IP	04 02 03.1	D				
JAN	28	USCGS	04 03 39.5, 15.3N, 93.9W, H = 33 Km, M = 5.3 NEAR COAST OF CHIAPAS, MEXICO						
		PNS	EP	04 11 14		1.1	25.2		
			EL	23 22		25	186.9		
		LPB	EP	04 11 17				40.8	
			EL	04 24 00					
		LPZ	EP	04 11 18					
JAN	28	PNS	EP	05 06 31.0		0.8	7.3		
JAN	28	USCGS	05 35 00, 12.9S, 78.5W, H = 33 Km, M = 4.9 OFF COAST OF PERU						
		PNS	EP	05 37 26.0		0.8	8.8		
		LPB	P	05 37 35				10.6	
			L	41.0					
JAN	28	TRJ	P	07 33 08.1	D				
JAN	28	USCGS	08 15 43.6, 23.9S, 66.7W, H = 203 Km, M = 4.1 JUJUY PROVINCE, ARGENTINA						
		TRJ	IP	08 16 36.2	D				
		SMB	IP	08 17 16.2	C				
		LPB	IP	08 17 32.5				11.9	
			S	18 55					
		LPZ	EP	08 17 33					
		PNS	EP	08 17 36.4		0.2	36.2		
			EL	19 05		0.6	11.8		
JAN	28	USCGS	09 38 57, 28.9S, 72.2W, H = 70 Km, M = 4.2 OFF COAST OF CENTRAL CHILE						
		TRJ	EP	09 40 57.4	D				
		LPZ	EP	09 41 17					
		LPB	EP	09 41 19				12.8	
JAN	28	PNS	EP	09 42 04.0		1.0	3.9		
			EL	44 27.0		0.8	2.5		
JAN	28	PNS	EP	10 51 57.4		0.2	30.4		
			ES	52 24.0		0.4	9.7		
JAN	28	SMB	IP	12 11 33.7	D				
JAN	28	PNS	EP	13 36 25.3		0.7	8.9		

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	28	PNS	EP ES	15 20 20 21 23		0.2 0.6	1.1 8.7	
JAN	28	USCGS	16 15 35.0, 4.0S, 104.2W, H = 33 Km, M = 5.0 N. EASTERN ISLANDS CORDILLERA					
		PNS	EP	16 22 46.5		1.3	66.1	
		ES		28 41		24	9999.9	
		LPZ	EP	16 22 50				
		LPB	P	16 22 51				37 3
			S	28 45				
			G	31.4				
			L	34.0				
		SMB	EP	16 23 26.3	C			
JAN	28	LPZ	P	19 54 20				
		PNS	EP	19 54 51.4		0.2	25.7	
		LPB	P	19 54 58.0				
			S	55 42				
JAN	28	LPZ	IP	22 40 00				
		LPB	IP	22 43 39.5	D			
			S	44 04.5				
		PNS	EP	22 43 39 7		0.2	9999.9	
JAN	29	USCGS	00 11 22, 23.9N, 108.7W, H = 33 Km, M = 5.4 GULF OF CALIFORNIA					
		PNS	EP	00 20 59 0		1 6	90.8	
			ES	28 55		20	183.7	
			EL	35 00		25	313.9	
		LPZ	P	00 21 03				
		LPB	P	00 21 03				57.1
			EL	38 00				
JAN	29	USCGS	02 21 54.5, 24.2N, 108.6W, H = 33 Km, M = 4.6 GULF OF CALIFORNIA					
		LPZ	P	02 31 15				
		LPB	EP	02 31 26				56.7
			S	39 39				
			EL	49.7				
		PNS	EP	02 31 32		1.5	48.3	
JAN	29	TRJ	IP	02 32 32.0	D			
			S	33 10.7				
		LPB	EP	02 32 46				
		DSG	EP	02 32 46.3	C			
		LPZ	EP	02 32 47				
		PNS	EP	02 32 50.5		0.5	23.5	
		SMB	EP	02 32 53.0	D			
JAN	29	TRJ	IP	04 36 17 9	D			
		LPB	EP	04 36 45				
			S	38 06				
		LPZ	EP	04 36 45				
		PNS	EP	04 36 49		0.6	13.3	
		SMB	EP	04 36 51.1	D			

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	29	USCGS	08 20 42, 36.9S, 72.5W, H = 33 Km, M = 4.6 NEAR COAST OF CENTRAL CHILE					
		TRJ	IP	08 23 00.5	C			
			P	24 49.8	D			
		SMB	IP	08 23 21.0	(C)			
		LPZ	EP	08 25 34				
		PNS	EP	08 25 35		1.5	17.5	
		LPB	EP	08 25 33.5				20.7
			EL	33 00				
JAN	29	USCGS	09 35 25.7, 54.8N, 161.7E, H = 33 Km, M = 5.8 NEAR EAST COAST OF KAMCHATKA					
		PNS	EPKP	09 54 26.5		1.2	13.5	
		LPB	PKP	09 54 27.5				126.2
			EL	10 38 00				
JAN	29	PNS	EP	10 21 56		0.7	10.4	
JAN	29	PNS	IP ES	11 16 51.5 17 15	C	0.2 0.4	49.7 16.9	
JAN	29	PNS	EPKP	11 40 59		1.5	17.5	
JAN	29	USCGS	20 06 02.4, 35.6N, 73.6E, H = 33 Km, M = 5.7 NORTHWESTERN KASHMIR					
		LPB	EL	21 31 00				140.8
JAN	29	USCGS	23 40 41.7, 16.2S, 168.7E, H = 227 Km, M = 5.1 NEW HEBRIDES ISLANDS					
		LPB	EL	00 32 00				114.8
JAN	30	TRJ	P	00 20 04.2	C			
JAN	30	PNS	EP ES	01 36 07.8 36 30		0.5 999.9	9.0 9999.9	
JAN	30	PNS	EP ES	07 04 28.3 04 54		0.4 0.7	7.6 11.1	
JAN	30	TRJ	IP S	08 32 45.5 33 27.9	C			
JAN	30	PNS	EP	09 52 46		0.5	1.8	
JAN	30	USCGS	12 15 54, 5.9S, 129.9E, H = 169 Km, M = 5.5 BANDA SEA					
		LPB	EPKP EL	12 35 32 13 28 00				152.2

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	30	USCGS	17 42	12.3, 13.0S,		169.4E,	H = 647 Km, M = 5.2	
			SANTA CRUZ ISLANDS REGION					
		LPB	EL	18 37 00				115.8
JAN	31	TRJ	P	00 25 46.9		C		
JAN	31	SMB	IP	01 00 16.0		D		
		LPB	P	01 00 40.0		C	1.0 20.0	
			(S)	08 14				
			EL	17.0				
		PNS	EP	01 00 42.3			0.7 12.5	
			EL	13 50			26 455.3	
		LPZ	EP	01 00 48				
JAN	31	TRJ	IP	01 03 30.1		D		
		SMB	IP	01 03 42.7		D		
JAN	31	TRJ	IP	08 16 53.7		C		
JAN	31	USCGS	12 57	29.1, 21.2S,		67.8W,	H = 71 Km, M = 5.6	
			CHILE-BOLIVIA BORDER REGION					
		TRJ	IP	12 58 28 3		C		
		DSG	IP	12 58 42.9		D		
		LPB	IP	12 58 48.8		C		4 9
			IS	59 42				
			L	13 00.2				
		LPZ	IP	12 58 51				
			S	59 42				
		SMB	IP	12 58 52.0				
		PNS	EP	12 58 52.3			999.9 9999.9	
			IP	58 53			15 1791.9	
JAN	31	TRJ	IP	13 38 04.2		D		
			S	38 36.0				
JAN	31	PNS	EP	14 13 08.3			0.8 5.7	
JAN	31	PNS	EP	14 18 17.2			0.2 12.5	
			ES	18 51.0			0.7 16.2	
JAN	31	USCGS	14 57	25, 21.1S,		67.8W,	H = 71 Km, M = 5.1	
			CHILE-BOLIVIA BORDER REGION					
		TRJ	IP	14 58 33.2		C		
		DSG	IP	14 58 41.9		D		
		LPB	EP	14 58 43				4.8
			IS	59 38				
			L	15 00.1				
		LPZ	EP	14 58 43.5				
		PNS	EP	14 58 46.2			999.9 9999.9	
			EL	59 05.0			12 463.7	
		SMB	IP	14 58 51.9		C		

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
JAN	31	USCGS	23 09	18.5, 1.4N,		127.0E,	H = 144 Km, M = 5.3	
			MOLUCCA PASSAGE					
		LPB	EL	24 26 00				158.4

FEBRUARY 1965

FEB	1	PNS	EL	00 33 25			25 102.5	
FEB	1	SMB	EP	04 38 42.8		C		
FEB	1	USCGS	05 27	04.5, 18.6S,		178.1W,	H = 472 Km, M = 5.6	
			FIJI ISLANDS REGION					
		PNS	EP	05 40 16.3			0.9 15.7	
			ES	46 55			15 270.3	
			EL	06 08 50			28 207.6	102.6
		LPB	P	05 40 17				
			ES	49 42				
			EL	06 13 00				
FEB	1	PNS	EP	08 19 04.0			0.4 7	
FEB	1	PNS	EL	08 20 17			0.7 2.4	
FEB	1	USCGS	08 31	20.7, 21.4S,		178.6W,	H = 510 Km, M = 5.3	
			FIJI ISLANDS REGION					
		LPB	EP	08 44 14				101.9
			EPP	49 17				
			EL	09 19 00				
FEB	1	PNS	EP	10 48 12.5			0.4 3.1	
			ES	48 51			0.5 2.9	
FEB	1	PNS	EL	15 41 00			18 125.6	
FEB	1	DSG	IP	19 11 30.7				
		PNS	IP	19 11 33.9			0.3 9999.9	
			ES	12 00			999.9 9999.9	
		LPB	IP	19 11 36.5				
			IS	12 06				
		LPZ	EP	19 11 56				
FEB	1	USCGS	19 27	12, 5.8S,		147.4E,	H = 80 Km, M = 5.0	
			EAST NEW GUINEA REGION					
		LPB	EPKP	19 46 26			0.9 11.9	138.5
			EL	20 22 00				
		LPZ	EPKP	19 46 26				
		PNS	EPKP	19 46 26			1.0 7.8	
			E	46 34			1.0 17.6	

FEBRUARY 1965

				TIME	SIGN	PER	AMPL	DIST
FEB	1	PNS	EP	19 50 35		0.5	2.2	
FEB	2	TRJ	P	02 23 10.9	D			
FEB	2	USCGS 03 37 13.9, 14.N, 91.0W, H = 33 Km, M = 4.9 GUATEMALA						
		LPB	EP	03 44 26				38.2
			EL	54 00				
		TRJ	P	03 45 12.6	C			
		PNS	EL	03 50 20		26	224.9	
FEB	2	PNS	EP	03 39 23		0.7	3.8	
FEB	2	USCGS 02 48 51, 5.5S, 147.0E, H = 217 Km, M = 5.1 EAST NEW GUINEA REGION						
		LPB	EL	03 53 00				138.7
FEB	2	TRJ	P	03 54 29.7	D			
FEB	2	PNS	EL	04 04 05		28	212.4	
FEB	2	PNS	EPKP	04 33 18		1.0	5.8	
		LPB	P	04 33 19	D	2.5	17.5	
		LPZ	P	04 33 20				
FEB	2	USCGS 04 30 33.1, 17.2N, 94.5W, H = 140 Km, M = 5.3 CHIAPAS, MEXICO						
		PNS	EP	04 38 13		0.9	12.2	
		LPB	P	04 38 16	D	1.0	80.0	42.5
			I	38 19				
			EL	51.8				
		LPZ	EP	04 38 16.5				
		DSG	EP	04 38 28 8	D			
		TRJ	IP	04 39 00 8	C			
FEB	2	TRJ	IP	05 14 43.0	D			
			S	15 16.4				
		PNS	EP	05 15 10.5				
FEB	2	TRJ	IP	07 33 34.3	D			
			S	34 03.1				
FEB	2	USCGS 07 58 15.6, 2.1S, 138.9E, H = 12 Km, M = 6.1 WEST NEW GUINEA						
		LPZ	EPKP	08 18 02				
		LPB	EPKP	08 18 03				147.4
			EL	09 08 00				
		PNS	EPKP	08 18 03.5		0.6	31 0	
			EL	09 09 45		30	184.2	
		TRJ	IPKP	08 18 08.5	D			

FEBRUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	2	CHA	EP	09 10 42.2	C			
FEB	2	PNS	IP	10 09 25.6	D	0.3	9.4	
FEB	2	PNS	EL	13 57 25		25	150.8	
FEB	2	USCGS 15 56 51, 37.5N, 73.4E, H = 33 Km, M = 5.8 TADZHIK						
		LPZ	EPKP	16 16 20				140.3
		LPB	EPKP	16 16 20				
			SS	37 42				
			G	55.5				
			L	17 02.3				
		PNS	EPKP	16 16 21		1.2	13.4	
			ESPP	31 47		21	153.3	
			ESS	37 35		20	270.2	
			ESSS	43 10		40	641.5	
			ELQ	57 30		38	1226.1	
FEB	2	TRJ	IP	20 34 32.2	C			
			S	35 05.4				
FEB	2	TRJ	IP	23 35 33.2	D			
		SMB	EP	23 36 15.1	C			
		PNS	EP	23 36 34.3		0.5	9.3	
FEB	2	PNS	EL	23 38 00		0.8	2.5	
FEB	3	DSG	EP	03 29 11.2	C			
		LPB	IP	03 29 18.6	C	0.5	114.0	1.9
			(S)	29 43				
		LPZ	P	03 29 19				
		PNS	IP	03 29 19.3	C	0.5	48.5	
			ES	29 50		999.9	9999.9	
		TRJ	IP	03 29 53.9	C			
		SMB	EP	03 29 57.3	(D)			
FEB	3	PNS	EP	04 27 27.7		0.4	4.7	2.1
			ES	27 56		0.6	3.5	
FEB	3	PNS	EP	05 30 36.1		0.5	1.8	18.0
		LPB	EP	05 30 39				
			(S)	33 54				
FEB	3	PNS	EL	05 33 40		0.8	6.7	
FEB	3	USCGS 06 24 12.3, 31.4S, 68.6W, H = 115 Km, M = 4.6 SAN JUAN PROVINCE, ARGENTINA						
		TRJ	(E)	06 26 39.0	D			
		SMB	IP	06 27 30.3	C			
		LPB	EP	06 27 38				15.3
			ES	30 38				
			EL	32 00				

FEBRUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
		DSG	P	06 27 39.5	D			
		LPZ	EP	06 27 40				
		PNS	IP	06 27 42.6	D	1 0	56.8	
			ES	30 25		15	88.6	
			EL	30 39		1.6	32.6	
FEB	3	PNS	EP	11 35 12.5		0.8	5.8	
FEB	3	PNS	EL	15 41 00		20	137 1	
FEB	3	DSG	P	16 44 49.3				
FEB	3	CHA	EP	17 15 13.6				
FEB	3	PNS	EP	18 36 08.1		1.0	5 8	
			ES	42 10		17	100.7	
			ELQ	47 25		27	542 0	
FEB	3	PNS	E	21 33 24		1 0	11 7	
FEB	4	TRJ	P	00 11 20.1	C			
		PNS	EP	00 11 48 7				
		LPB	EP	00 11 49				
			E(S)	16 51				
			L-	20.7				
FEB	4	PNS	EL	00 22 00		26		
FEB	4	USCGS		00 56 23, 45.5S, 73.8W, H = 33 Km, M = 5.1				
				NEAR COAST OF SOUTHERN CHILE				
		LPB	EP	01 02 34				29.3
			ES	07 14				
			L	10.7				
		LPZ	EP	01 02 36				
			EL	10 00				
		TRJ	P	01 01 57.9	D			
FEB	4	PNS	EP	01 04 36.4		1.5	34.8	
FEB	4	PNS	EP	01 55 50.2		0.6	5.5	
FEB	4	PNS	EP	03 17 40.6		0.3	5.5	
		DSG	EP	03 18 02.3	C			
FEB	4	PNS	ES	03 18 13		0.7	27.3	

FEBRUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	4	USCGS		03 25 00.8, 51.8S, 139.7E, H = 33 Km, M = 5.9				
				SOUTH OF AUSTRALIA				
		LPB	EP	03 38 52				107.4
			EPP	43 56				
			PS	53 12				
			SS	59 04				
			L	04 17.9				
		LPZ	EL	04 18 00				
FEB	4	PNS	EPP	03 43 47		1.2	5.3	
			ESKS	50 00		23		
			EPS	53 10		30		
FEB	4	USCGS		04 33 09.5, 3.9N, 128.7E, H = 41 Km				
				NORTH OF HALMAHERA				
		LPB	EPKP	04 53 08				155.8
			EL	05 47 00				
		LPZ	EPKP	04 53 10				
		PNS	EPKP2	04 53 46.5		0.8	10.3	
FEB	4	USCGS		04 53 57.7, 51.1N, 178.4E, H = 40 Km, M = 5.8				
				RAT ALEUTIAN ISLANDS				
		LPB	EPKP	05 12 48				117.7
FEB	4	USCGS		05 01 21.8, 51.3N, 178.6E, H = 40 Km, M = 7.7				
				RAT ALEUTIAN ISLANDS				
		PNS	E	05 16 49		0.9	3.5	
			EPKP	19 52		1.0	23.5	
			ESP	30 51		1.0	27.4	
			EL	48 26		12.0	56.9U	
		SMB	(EP)	05 20 01.5	D			
			(I)	20 25.6	C			
		LPB	PKP	05 20 14.5	C	1.2	32.5	117.5
			PP	21 09				
			ESKS	27 24				
			L	57 00				
		LPZ	EPKP	05 20 16				
		DSG	PKP	05 20 25	C			
		TRJ	IPKP	05 20 28.6	D			
FEB	4	PNS	E	05 20 16		0.9	11.6	
FEB	4	PNS	EP	05 50 04.7		0.8	5.8	
FEB	4	USCGS		06 04 58, 51.7N, 174.9E, H = 35 Km, M = 6.1				
				RAT ALEUTIAN ISLANDS				
		PNS	EPKP	06 23 45.6		1.0	9.8	
		LPZ	EPKP	06 23 48				
		LPB	EPKP	06 23 50				119.9
FEB	4	PNS	EP	06 49 43.5		1.0	15.6	

FEBRUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	4	USCGS RAT ALEUTIAN ISLANDS	06 34 17,	52.2N, 177.1E,	H = 25 Km,	M = 5.4		
		LPB	EPKP	06 52 56			118.4	
FEB	4	USCGS RAT ALEUTIAN ISLANDS	06 37 05.4,	52.6N, 172 0E,	H = 35 Km,	M = 5.7		
		LPB	PKP	06 55 56			121.2	
FEB	4	USCGS RAT ALEUTIAN ISLANDS	06 39 30.1,	51 7N, 175.8E,	H = 30 Km,	M = 5.9		
		LPB	EPKP	06 58 20			117.9	
FEB	4	PNS	EP	07 27 33.4		1.1	11 5	
FEB	4	PNS	EP	07 28 31		1.5	39 2	
FEB	4	PNS	EP	07 40 33 2		1.1	4.6	
FEB	4	USCGS RAT ALEUTIAN ISLANDS	07 43 43 2,	52.7N, 172 9E,	H = 33 Km,	M = 5.5		
		LPB	EPKP	08 02 33			120.2	
FEB	4	USCGS RAT ALEUTIAN ISLANDS	07 51 40	52.3N, 174 5E,	H = 20 Km,	M = 5.0		
		LPB	EPKP	08 10 28			119.8	
FEB	4	USCGS RAT ALEUTIAN ISLANDS	08 06 16.6,	51.9N, 174 3E,	H = 40 Km,	M = 5.6		
		LPB	PKP	08 25 11.5			120.0	
FEB	4	USCGS RAT ALEUTIAN ISLANDS	08 10 09.6	52.1N, 173.3E,	H = 30 Km,	M = 5.2		
		LPB	EPKP	08 29 05			120.6	
FEB	4	USCGS RAT ALEUTIAN ISLANDS	08 40 40.9,	51.3N, 179.5E,	H = 40 Km,	M = 6.8		
		PNS	EPKP	08 59 21		1.0	7.8	
		LPB	EPKP	08 59 24			116.6	
			EL	09 38 00				
		LPZ	EPKP	08 59 27				
		TRJ	IPKP	08 59 34.3	C			
		SMB	IPKP	08 59 35.0	C			
FEB	4	PNS	E	09 09 58		1.6	84.7	

FEBRUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	4	PNS	E	09 13 45		1.2	29.5	
FEB	4	USCGS RAT ALEUTIAN ISLANDS	08 59 17.9,	52.4N, 173.7E,	H = 25 Km,	M = 5.5		
		PNS	EPKP	09 18 08.7		0.6	6.6	
		LPB	PKP	09 18 09.3	C	1.0	20.0	120.3
FEB	4	PNS	EP	09 17 25		2.0	65.3	
FEB	4	USCGS RAT ALEUTIAN ISLANDS	09 35 20.3,	51.8N, 176.6E,	H = 30 Km,	M = 5.2		
		LPB	EPKP	09 54 15			118.8	
FEB	4	USCGS RAT ALEUTIAN ISLANDS	09 42 51.6,	51.8N, 174.6E,	H = 15 Km,	M = 5.1		
		LPB	EPKP	10 01 54			119.8	
FEB	4	USCGS RAT ALEUTIAN ISLANDS	09 48 25.9,	51.8N, 175.4E,	H = 25 Km,	M = 5.2		
		LPB	EPKP	10 07 16			119.3	
FEB	4	USCGS RAT ALEUTIAN ISLANDS	10 12 25.7,	51.8N, 176.6E,	H = 33 Km,	M = 5.1		
		LPB	EPKP	10 31 20			118.6	
FEB	4	USCGS RAT ALEUTIAN ISLANDS	10 14 24.2,	51.8N, 172.7E,	H = 20 Km,	M = 5.1		
		LPB	EPKP	10 33 18			121.1	
FEB	4	USCGS RAT ALEUTIAN ISLANDS	10 41 33.9,	51.5N, 176.5E,	H = 35 Km,	M = 5.1		
		LPB	EPKP	11 00 20			119.3	
			EL	38 00				
FEB	4	USCGS RAT ALEUTIAN ISLANDS	12 06 04.3,	52.6N, 172.1E,	H = 25 Km,	M = 6.5		
		PNS	EPKP	12 24 56.3		1.0	5.8	
			EPP	26 26		1.5	26.1	
		LPB	PKP	12 25 00			120.8	
			EL	13 03 00				
FEB	4	PNS	EP	12 35 00		1.2	24.1	
FEB	4	TRJ	IP	13 51 21.3	D			

FEBRUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	4	USCGS	13 33 12 9,	51 8N, 174 6E,	H = 33 Km,	M = 5.1		
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	13 51 55				119 9
FEB	4	USCGS	14 18 27.9,	53.N, 171 0E,	H = 30 Km,	M = 6 2		
			RAT ALEUTIAN ISLANDS					
		PNS	EPKP	14 37 20		1 0	9 8	
		LPZ	EPKP	14 37 23				
		LPB	EPKP	14 37 23				121 5
			SKS	44 18				
			SS	55 26				
			L	15 18 2				
		TRJ	IPKP	14 37 31.3		C		
FEB	4	PNS	EP	14 47 24.9		1 4	14 5	
FEB	4	USCGS	14 29 44 7,	51 4 , 176 6E,	H = 35 Km,	M = 5 2		
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	14 48 34				118 7
			SKS	55 35				
			EL	15 22 00				
FEB	4	USCGS	15 51 25 5	53 1N, 170 8E,	H = 40 Km,	M = 6 2		
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	16 10 16				117 2
			EL	47 00				
		LPZ	EPKP	16 10 16				
			EL	48 00				
		PNS	EPKP	16 10 18.3		1 0	3 9	
			EPP	11 42		1 8	29 0	
FEB	4	PNS	EP	16 20 20 9		0 9	5 2	
FEB	4	USCGS	16 32 36,	52.N, 173.1E,	H = 30Km	M = 5.2		
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	16 51 34				120 6
			SS	17 09 24				
			EL	31 00				
FEB	4	PNS	EP	18 49 00 8		0 9	3 5	
FEB	4	USCGS	18 56 27 7	13 5N, 44 8W,	H = 33 Km,	M = 5 5		
			NORTH ATLANTIC RIDGE					
		LPB	EP	19 03 43				38.2
			EL	15 00				
		PNS	EP	19 03 43.4		1 1	16 1	
		LPZ	EP	19 03 43 5				

FEBRUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	4	USCGS	19 44 05.6,	13.3N, 44.8W,	H = 33 Km,	M = 5.4		
			NORTH ATLANTIC RIDGE					
		SMB	IP	19 51 13.7		D		
		LPB	EP	19 51 20		D	1.2 123.5	38.1
			S	57 10				
			L	20 01.7				
		PNS	EP	19 51 20.5			1.1	92.2
		LPZ	EP	19 51 21				
		DSG	P	19 51 26.2		D		
		TRJ	P	19 51 37.9		C		
FEB	4	PNS	EPKP	19 57 04.0			2.8 212.5	
FEB	4	TRJ	IP	21 20 52.2		D		
FEB	4	PNS	EP	21 21 50.5			0.4 4.7	
			EL	23 09.0			0.8 8.0	
FEB	4	USCGS	21 29 38.9,	52.4N, 174.7E,	H = 15 Km,	M = 5.1		
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	21 48 30				119.5
			EL	22 27 00				
FEB	4	USCGS	21 35 47.3,	51.N, 177.6E,	H = 33 Km,	M = 5.1		
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	21 54 13				118.2
			EL	22 32 00				
FEB	4	USCGS	23 26 22.5,	51.3N, 177.5E,	H = 30 Km,	M = 5.2		
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	23 45 10				118.2
			EL	24 22 00				
FEB	5	PNS	EP	00 52 33.5			0.5 2.7	
FEB	5	USCGS	00 42 22.2,	52.2N, 172.4E,	H = 35 Km,	M = 5.1		
			RAT ALEUTIAN ISLANDS					
		DSG	PKP	01 01 13.6				120.7
		LPB	EPKP	01 01 14				
			EL	42 00				
		LPZ	EPKP	01 01 16				
FEB	5	SMB	IP	01 46 35.2		C		
FEB	5	PNS	EP	02 02 04.5			0.8 4.4	
FEB	5	USCGS	05 05 17.1,	52.2N, 173.1 ,	M = 5.1			
			RAT ALEUTIAN ISLANDS					
		LPB	EL	06 02 00				120.6

FEBRUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	5	USCGS		06 25 23.1, 51.8N, 177.0E, H = 40 Km, M = 5.5				
				RAT ALEUTIAN ISLANDS				
		LPB	EPKP	06 44 04				118.8
			EL	07 24 00				
FEB	5	PNS	EP	06 40 53		0.5	0.9	
FEB	5	USCGS		06 39 49.6, 51.8N, 175.1E, H = 25 Km, M = 6.8				
				RAT ALEUTIAN ISLANDS				
		PNS	EPKP	06 58 38.5		1.1	6.8	
		LPB	EPKP	06 58 49				119.6
			EL	07 39 00				
		TRJ	P	06 58 49.3	D			
FEB	5	PNS	IP	06 56 50.3	C	0.4	9.4	
			ES	57 20		0.7	20.3	
FEB	5	USCGS		07 29 16.2, 51.6N, 175.2E, H = 35 Km, M = 5.0				
				RAT ALEUTIAN ISLANDS				
		LPB	EL	08 26 00				119.5
FEB	5	USCGS		07 31 32.4, 51.6N, 176.1E, H = 33 Km, M = 5.0				
				RAT ALEUTIAN ISLANDS				
		LPB	EPKP	07 50 22				119.2
			EL	08 28 00				
FEB	5	PNS	EP	08 42 54		1.0	5.8	
FEB	5	PNS	EP	08 48 18.5		0.7	3.8	
FEB	5	PNS	EP	09 17 50		0.5	1.8	
			ES	18 26		0.5	1.1	
FEB	5	USCGS		09 32 09.3, 52.3N, 174.3E, H = 4.1 Km, M = 6.5				
				RAT ALEUTIAN ISLANDS				
		PNS	EPKP	09 50 56.5		1.0	9.7	
		LPB	PKP	09 50 57				119.8
			(SS)	10 08 42				
			L	10 30 00				
		LPZ	EPKP	09 50 58				
			L	10 31.3				
		TRJ	IP	09 51 07.3	C			
FEB	5	SMB	IP	11 10 50.3	D			
FEB	5	PNS	EP	11 49 45		0.4	3.1	
			ES	50 25		0.7	1.9	

FEBRUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	5	USCGS		12 29 25.9, 51.2N, 177.7E, H = 35 Km, M = 5.0				
				RAT ALEUTIAN ISLANDS				
		LPB	EPKP	12 48 19				118.2
			EL	13 25 00				
FEB	5	TRJ	IP	13 10 32.2	D			
			S	11 06.2				
FEB	5	USCGS		13 38 46.7, 5.2N, 174.0E, H = 35 Km, M = 5.5				
				RAT ALEUTIAN ISLANDS				
		LPB	EPKP	13 57 56				120.1
			EL	14 36 00				
FEB	5	USCGS		14 28 42.2, 51.8N, 174.5E, H = 30 Km, M = 5.3				
				RAT ALEUTIAN ISLANDS				
		LPB	EL	15 23 00				119.9
FEB	5	PNS	EP	16 40 21		0.5	5.5	
FEB	5	USCGS		16 50 49.1, 51.5N, 174.1E, H = 40 Km, M = 5.1				
				RAT ALEUTIAN ISLANDS				
		LPB	EL	17 48 00				119.9
FEB	5	USCGS		18 24 02.8, 51.6N, 174.0E, H = 34 Km, M = 5.3				
		LPB	EPKP	18 53 53				120.2
			EL	19 21 00				
FEB	5	PNS	EP	20 16 34		0.6	16.5	
FEB	5	USCGS		20 47 13.3, 51.9N, 174.6E, H = 35 Km, M = 5.7				
				RAT ALEUTIAN ISLANDS				
		LPB	EPKP	21 06 03				119.8
			SS	24 00				
			EL	45 00				
FEB	5	CHA	IP	22 15 34.9	D			
		PNS	IP	22 15 40.8	D	0.4	9999.9	
FEB	5	PNS	ES	22 16 04		0.5	9999.9	
FEB	5	USCGS		22 15 59.5, 51.5N, 176.7E, H = 25 Km, M = 5.6				
				RAT ALEUTIAN ISLANDS				
		LPB	EPKP	22 34 49				118.7
			SS	51 22				
			EL	23 12 00				
FEB	6	TRJ	IP	01 46 01.2	D			

			TIME	SIGN	PER	AMPL	DIST	
FEB	6	USCGS	01 40 33.2, 53.2N, 161.9W, H = 33 Km, M = 6.4					
			SOUTH OF ALASKA					
		LPB	EP	01 54 39			104	
			PP	59 04				
			SKS	02 05 20				
			PS	08 27				
			SS	14 00				
			L	30 00				
		LPZ	EP	01 54 39				
			PP	59 10				
			SKS	02 05 23				
			PS	08 29				
			EL	29 00				
		TRJ	PP	01 59 05.3	D			
FEB	6	USCGS	03 22 27, 51.3N, 173.9E, H = 30 Km, M = 5.2					
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	03 41 10			120.2	
			EL	04 19 00				
FEB	6	USCGS	03 39 15.5, 51 5N, 175 3E, H = 31 Km, M = 5.1					
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	03 58 08			119.9	
			SS	04 16 14				
			EL	37 00				
FEB	6	USCGS	04 02 53, 52.1N, 175.7E, H = 35 Km, M = 5.9					
			RAT ALEUTIAN ISLANDS					
		LPZ	EPKP	04 21 46				
			EL	05 02 00				
		LPB	EPKP	04 21 47			118.6	
			SS	39 24				
			L	05 01.0				
		PNS	EPKP	04 21 50		1.0	7.8	
		TRJ	P	04 21 50.7	D			
FEB	6	USCGS	04 50 51.8, 51.1N, 177.4E, H = 35 Km, M = 5.2					
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	05 09 48			118.4	
			EL	47 00				
FEB	6	USCGS	05 32 12.2, 51.5N, 175.8E, H = 30 Km, M = 5.0					
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	05 51 06			119.3	
			ESS	06 02 20				
			EL	29 00				
		LPZ	EPRP	05 51 08				
FEB	6	USCGS	06 23 39, 52.N, 173.2E, H = 30 Km, M = 5.3					
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	06 42 34			120.6	
			ESKS	49 18				
			SS	07 00 37				
			EL	21 00				

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	6	USCGS	06 28	06.3, 51.2N, 177.6E, H = 25 Km, M = 5.1				
			RAT ALEUTIAN ISLANDS					
		LPZ	EPKP	06 46 36				
			EL	07 26 00				118.2
		LPB	EPKP	06 46 53				
			EL	07 24 00				
FEB	6	USCGS	06 48 30, 51.8N, 178.1E, H = 40 Km, M = 5.0					
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	07 07 12				117.7
			EL	45 00				
FEB	6	USCGS	07 14 45.1, 52.1N, 173.0E, H = 35 Km, M = 5.4					
			RAT ALEUTIAN ISLANDS					
		LPB	EL	08 12 00				120.7
FEB	6	USCGS	08 54 38.9, 52.1N, 175.4E, H = 30 Km, M = 5.4					
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	08 13 36				119.7
			EL	51.3				
FEB	6	PNS	EP	08 41 28.5		1.0	5.8	
FEB	6	USCGS	08 46 51.2, 51.9N, 174.0E, H = 30 Km, M = 6.0					
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	09 05 42				120.2
			EL	44 00				
FEB	6	USCGS	09 04 08.8, 51.3N, 174.1E, H = 35 Km, M = 5.1					
			RAT ALEUTIAN ISLANDS					
		LPB	EL	10 01 00				120.2
FEB	6	TRJ	IP	10 58 31.3	C			
FEB	6	PNS	EP	10 59 14.0		0.7	6.4	
FEB	6	DSG	IP	11 11 07.7	C			
		PNS	EP	11 11 15.5		0.4	88.2	
			ES	11 44		0.5	9999.9	
		TRJ	IP	11 11 56.6	C			
FEB	6	USCGS	12 22 26.2, 51.8N, 175.3E, H = 35 Km, M = 5.4					
			RAT ALEUTIAN ISLANDS					
		PNS	EPKP	12 41 14		1.2	10.7	
		LPB	EPKP	12 41 15				119.4
			EL	13 19 00				

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	6	USCGS	14 11	10.1, 51.7N, 174.2E, H = 33 Km, M = 5.1				
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	14 30 07				120.2
			EL	15 10 00				
		LPZ	EPKP	14 30 08				
FEB	6	USCGS	16 50	29, 53.3N, 161.8W, H = 33 Km, M = 6.5				
			SOUTH OF ALASKA					
		LPZ	EP	17 04 36				
			SKS	15 16				
			EL	42 00				
		PNS	EP	17 04 36.5	1.0	3.9		102
		LPB	EP	17 04 55				
			PS	18 22				
			SS	24 09				
			L	42.3				
FEB	6	PNS	EP	17 04 37		24		
FEB	6	PNS	EL	17 08 15		26		
FEB	6	PNS	EL	17 08 33		1.2	6.0	
FEB	6	PNS	EP	17 20 20		1.4	18.0	
FEB	6	USCGS	18 10	28.8, 51.5N, 176.5E, H = 35 Km, M = 5.3				
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	18 29 30				118.8
			EL	19 17 00				
FEB	6	DSG	IP	19 41 49.5	C			
		PNS	IP	19 41 55.4	D	999.9	9999.9	
		LPZ	IP	19 41 55.8				
			IS	42 22				
		SMB	IP	19 42 37.5	C			
FEB	6	PNS	EP	21 41 52		1.0	8.0	
FEB	6	USCGS	22 34	44.8, 51.3N, 174.5E, H = 35 Km, M = 5.0				
			RAT ALEUTIAN ISLANDS					
		PNS	EL	23 35 55		25	183.1	
FEB	6	USCGS	22 26	10.5, 51.9N, 178.5E, H = 33 Km, M = 5.0				
			RAT ALEUTIAN ISLANDS					
		LPB	EL	23 21 00				117.5

FEBRUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	6	USCGS	23 48	16.9, 51.9N, 173.4E, H = 31 Km, M = 5.2				
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	00 07 10				120.6
			EL	50 00				
		PNS	EL	00 32 00		28	188.5	
		LPZ	EL	00 50 00				
FEB	7	USCGS	01 00	12.5, 52.2N, 172.1E, H = 30 Km, M = 5.3				
			RAT ALEUTIAN ISLANDS					
		LPB	EL	01 57 00				121.3
FEB	7	USCGS	02 17	09.2, 51.4N, 173.4E, H = 40 Km, M = 6.0				
			RAT ALEUTIAN ISLANDS					
		PNS	EPKP	02 35 58.5		1.0	10.0	
			EL	03 16 30		21	9999.9	
FEB	7	TRJ	IP	02 02 44.0	D			21.6
			S	03 15.3				
FEB	7	TRJ	IP	02 36 10.1	D			
FEB	7	TRJ	IP	03 20 30.7	C			
		PNS	EP	03 20 54.0		0.7	10.6	
		SMB	IP	03 20 56.1	D			
FEB	7	PNS	E	03 21 39		0.6	11.3	
FEB	7	TRJ	P	04 30 19.6	C			
FEB	7	SMB	IP	04 38 57.2	D			
		PNS	IP	04 39 11.5	C	0.5	9999.9	5.6
			ES	40 15		999.9	9999.9	
		DSG	IP	04 39 13.3	D			
		TRJ	IP	04 39 27.8	C			
FEB	7	USCGS	04 11	19.3, 51.9N, 175.3E, H = 25 Km, M = 5.50				
			RAT ALEUTIAN ISLANDS					
		PNS	EL	05 10 00		999.9	9999.9	
FEB	7	PNS	EP	05 49 44		0.5	10.5	
FEB	7	TRJ	P	06 14 59.9	D			
FEB	7	USCGS	05 58	54.3, 51.7N, 174.9E, H = 25 Km, M = 5.2				
			RAT ALEUTIAN ISLANDS					
		LPB	EPKP	06 17 10				119.7
			PS	28 36				
			ESS	35 37				
			EL	56 00				

FEBRUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST	
FEB	7	PNS	EP ES	08 15 31.5 15 56		0 3 0.4	9999.9 9999.9	2.1	
FEB	7	TRJ	P S	09 17 20.5 17 52 5	D D			2 7	
FEB	7	USCGS	09 25 51.1, 51.4N, 179.1E, H=30Km, M = 5.30 RAT ISLANDS AFTERSHOCK						
		PNS	EP EL	09 55 30 10 22 20		999.9 32	9999.9 9999.9		
FEB	7	USCGS	09 25 51.1, 51.4N, 179.1E, H = 30 Km, M = 5.3 RAT ALEUTIAN ISLANDS						
		LPB	EPKP ESKS PS SS L	09 44 15 51 23 55 30 10 01 45 22.2				116.5	
		LPZ TRJ	EPKP EP	09 44 24 09 44 45.3	D				
FEB	7	PNS LPB	EP EP I (S)	10 15 41.5 10 15 47 15 58 16 50		0.7	9.2	5.5	
FEB	7	LPZ	EP	10 15 48					
FEB	7	PNS	ES	10 16 48		0 5	9999.9		
FEB	7	PNS	EP ES	10 25 54.5 26 20		0 3 0.5	3 2 5 7	2 2	
FEB	7	PNS	EP	11 17 37.5		0.5	15.3		
FEB	7	USCGS	11 23 14.8, 52.2N, 172 4E, H = 35 Km, M = 5 30 RAT ALEUTIAN ISLANDS						
		PNS	EL	12 23 20		25	623.9		
FEB	7	USCGS	11 23 14.8, 52.2N, 172.4E, H = 35 Km, M = 5.3 RAT ALEUTIAN ISLANDS						
		LPB	EPKP ESKS EL	11 42 27 49 15 12 21 4				121 1	
FEB	7	USCGS	11 45 52 8, 51.2N, 177.3E, H = 33 Km, M = 5.0 RAT ALEUTIAN ISLANDS						
		LPB	EPKP ESKS EL	12 04 50 11 23 53 00				121 3	

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST	
FEB	7	USCGS	12 21 21.1, 53.N, 171.7E, H = 25 Km, M = 5.3 RAT ALEUTIAN ISLANDS						
		LPB	EL	13 20 00				121.3	
FEB	7	USCGS	13 20 46.3, 51.1N, 175.8E, H = 40 Km, M = 4.2 RAT ALEUTIAN ISLANDS						
		LPB	EPKP EL	13 39 33 14 19 00				119.5	
FEB	7	USCGS	14 47 11.6, 51.7N, 174.6E, H = 33 Km, M = 5.1 ALEUTIAN NEAR ISLANDS						
		LPB	EL	15 54 00				119.8	
FEB	7	USCGS	16 03 52.3, 51.3N, 179.0E, H = 40 Km, M = 5.1 RAT ALEUTIAN ISLANDS						
		LPB	EL	16 59 00				117.3	
FEB	7	USCGS	17 20 27, 50.9N, 173.7E, H = 40 Km, M = 4.5 RAT ALEUTIAN ISLANDS						
		LPB	EPKP EL	17 32 04 18 12 00				120.6	
FEB	7	TRJ	IP	17 48 57.8	D				
FEB	7	PNS	EP	19 05 57.6		0.7	3.9		
FEB	7	PNS	EP ES	21 54 52.5 55 19		0.3 0.8	9999.9 13.3	2.3	
FEB	8	TRJ	P S CHA PNS ES SMB	01 00 35.5 01 20.8 01 00 50.6 01 00 55.0 01 51 01 00 58.0	D		0.5 3.4 0.5 9999.9	4.9	
			IP	01 00 58.0	C				
FEB	8	PNS CHA TRJ	EP (P) (P)	05 14 40.5 05 15 23.2 05 15 56.0		0.5	2.8		
FEB	8	USCGS	05 41 21, 50.9N, 175.2E, H = 33 Km, M = 5.0 RAT ALEUTIAN ISLANDS						
		LPB	EL	06 40 00				119.6	

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FEBRUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST	
FEB	8	USCGS	06 30 49, 18.6N, 145.6N, H = 116 Km, M = 5.3 MARIANA ISLANDS						
		PNS	EPKP	06 50 21.0		1.5	13.3		
		LPB	PKP	06 50 21.5				148.1	
			EL	07 41 00					
		LPZ	EPKP	06 50 22					
			EL	07 40.2					
		TRJ	PKP	06 50 26 5	C				
FEB	8	USCGS	06 47 03, 51.7N, 174.7E, H = 33 Km, M = 4.20 RAT ALEUTIAN ISLANDS						
		PNS	EPKP	07 06 03.0		1.2	22.0	114.6	
FEB	8	PNS	EP	07 12 43		0.5	0.9		
FEB	8	PNS	EL	07 14 35		24.0	308.1		
FEB	8	TRJ	IP	07 18 46.4	D				
FEB	8	PNS	EP	09 04 28		0.7	6.6		
FEB	8	USCGS	10 09 18.4, 51.7N, 175.0E, H = 25 Km, M = 5.4 RAT ALEUTIAN ISLANDS						
		LPB	EL	11 07 00				119.7	
FEB	8	TRJ	P	09 23 57.6	C				
FEB	8	CHA	IP	09 33 08 0	D				
			IS	33 32.1					
		PNS	EP	09 33 14		0 2	43 2	2 1	
			FS	33 41		999 9	9999.9		
FEB	8	TRJ	P	10 28 18.9	D				
FEB	8	PNS	EP	13 50 07.5		0.2	16.8	2 1	
			ES	50 35		0.3	10 8		
FEB	8	USCGS	14 03 52.8, 36.4N, 73.0E, H = 220 Km, M = 5.1 AFGHANISTAN, USSR BORDER REGION						
		LPB	EPKP	14 23 18				140.4	
			EL	15 11 00					
FEB	8	USCGS	15 41 19.7, 52 5N 172.0E, H = 25 Km, M = 5.1 RAT ALEUTIAN ISLANDS						
		LPB	EL	16 38 00				121.2	

FEBRUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST	
FEB	8	USCGS	15 46 49.9, 55.1N, 165.7E, H = 40 Km, M = 5.6 KOMANDORSKY ISLANDS REGION						
		LPB	PKP	16 05 41				123.9	
			PP	07 41					
			EL	47 00					
		LPZ	EPKP	16 05 44					
			EL	48 00					
		PNS	EPKP	16 05 46		1.7	36.5		
			EL	46 25		32	1005.4		
		TRJ	PKP	16 05 56.4	D				
FEB	8	USCGS	16 19 58.6, 50.9N, 174.8E, H = 33 Km, M = 5.1 RAT ALEUTIAN ISLANDS						
		LPB	EL	17 16 00				120.1	
FEB	8	TRJ	P	16 05 56.4	D				
FEB	8	PNS	EP	19 43 09.0		0.5	3.8		
FEB	8	PNS	EP	21 50 46.6		1.4	72.3		
FEB	9	TRJ	IP	01 37 25.5	D			2.6	
			S	37 57.2					
FEB	9	USCGS	01 43 02, 1.3N, 127.2E, H = 102 Km, M = 5.6 HALMAHERA						
		LPB	EPKP	02 02 35				158.4	
			EL	58 00					
FEB	9	USCGS	04 34 55.1, 51.6N, 179.0E, H = 40 Km, M = 5.5 RAT ISLANDS AFTERSHOCK						
		LPB	EPKP	04 52 40				117.0	
			EL	05 35					
		LPZ	EPKP	04 52 40					
FEB	9	TRJ	IP	05 07 40.0	D			2.1	
			S	08 06.0					
FEB	9	USCGS	05 42 06.8, 18.8S, 169.2E, H = 223 Km, M = 5.5 NEW HEBRIDES ISLANDS						
		LPB	EPKP	06 00 21				113.5	
FEB	9	PNS	EP	06 22 48		0.3	3.9	1.8	
			ES	23 11		0.6	77.0		

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	9	TRJ	P	06 53 00.3	D			3.3
			S	53 39.4				
		CHA	IP	06 53 32	C			
		PNS	EP	06 53 36		999.9	9999.9	
		SCS	IP	06 53 41.9	D			
FEB	9	TRJ	IP	06 54 49.2	C			
		SMB	IP	06 54 25.5	C			
FEB	9	TRJ	P	07 35 47.6	D			
FEB	9	PNS	EPKP2	08 33 25.5		0.5	7.4	
		TRJ	EP	08 33 38.1	C			
FEB	9	DSG	P	09 20 08.8				7.6
		PNS	EP	09 20 14		0.7	23.1	
			EL	21 33		17	9999.9	
		LPZ	EP	09 20 18				
			S	21 35				
			L	22.2				
		LPB	EP	09 20 18		1.0	30.0	
			S	21 44				
			L	22.2				
		TRJ	IP	09 21 16.2	D			
FEB	9	PNS	EP	11 49 52		0.5	2.7	
		TRJ	EP	11 50 16.2	D			
FEB	9	PNS	EP	11 53 47		20.0	1061.4	
			EL	12 11 43		27	121.0	
		SCS	IP	11 53 48.0	C			1.9
			S	54 12.1	C			
		SMB	IP	11 54 35.0	C			
		TRJ	IP	11 54 44.1	C			
FEB	9	PNS	EPKP2	12 34 57		1.0	23.4	
FEB	9	USCGS		12 21 29.1, 13.3N, 144.2E, H = 123 Km, M = 5.2				
		MARIANA	ISLANDS					
		PNS	EPKP	12 41 05.3		0.7	11.5	
		LPB	PKP	12 41 05.5	C	0.9	35.7	148.5
			EL	13 32 00				
		LPZ	EPKP	12 41 06				
FEB	9	PNS	EP	14 35 05.5		0.5	1.8	
FEB	9	PNS	EPKP1	16 12 33.5		0.6	3.3	
			EPKP2	12 39		0.7	41.1	

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	9	USCGS		17 37 15.9, 52.8N, 171.9E, H = 41 Km, M = 5.7				
		RAT	ALEUTIAN ISLANDS					
		LPB	EPKP	17 56 07				121.5
			EL	18 35 00				
		PNS	EPP	17 57 40		18.0	133.6	
			EL	18 37 50		25	9999.9	
FEB	9	PNS	IP	18 21 17.9	D	0.4	11.0	1.8
			ES	21 42		0.6	9.3	
FEB	9	SMB	IP	22 59 42.8	C			3.4
		PNS	EP	22 59 56.2		0.3	3.9	
			ES	23 00 39		999.9	9999.9	
FEB	9	USCGS		23 09 22, 51.N, 173.3E, H = 33 Km, M = 5.1				
		RAT	ALEUTIAN ISLANDS					
		LPB	EPKP	23 30 23				120.5
			EL	24 08 00				
FEB	9	PNS	ES	23 47 52		25	177.8	
FEB	10	USCGS		00 38 06.1, 52.4N, 173.5E, H = 35 Km, M = 5.0				
		RAT	ALEUTIAN ISLANDS					
		LPB	EPKP	00 57 44				120.3
			EL	01 35 00				
FEB	10	USCGS		00 40 20, 51.9N, 172.8E, H = 25 Km, M = 5.0				
		RAT	ALEUTIAN ISLANDS					
		PNS	EL	01 38 50		24	9999.9	
		LPZ	EPKP	00 59 14				121.1
		LPB	EPKP	00 59 20				
			EL	01 38 00				
FEB	10	USCGS		02 08 32.9, 52.2N, 172.9E, H=33 Km, M = 5.4				
		RAT	ALEUTIAN ISLANDS					
		LPB	EPKP	02 28 05				120.8
			EL	03 08 00				
FEB	10	PNS	EP	03 21 40.9		0.5	8.4	
FEB	10	TRJ	EP	04 18 23.8	D			
FEB	10	TRJ	IP	04 33 25.6	C			
FEB	10	PNS	EP	09 08 15		22	120.1	



MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	10	USCGS		11 08 12.1, 50.5N, 176.6E, H = 35 Km, M = 5.0				
		RAT ALEUTIAN ISLANDS						
		LPB	EPKP	11 27 04				118.9
FEB	10	PNS	EP	11 31 20.2		1.0	3.9	
FEB	10	PNS	IP	15 51 19.1	D	0.2	9999.9	
FEB	11	USCGS		01 10 30, 51.8N, 173.8E, H = 30 Km, M = 5.0				
		RAT ALEUTIAN ISLANDS						
		LPB	EPKP	01 30 25				120.4
FEB	11	TRJ	P	01 32 11.0	D			
FEB	11	TRJ	IP	02 40 31.0	D			2.7
		S		41 03.5				
		SMB	(EP)	02 41 48.6	C			
FEB	11	USCGS		02 33 29.3, 21.8S, 176.9W, H = 174 Km, M = 5.8				
		FIJI ISLANDS REGION						
		LPB	EP	02 47 02				99.9
		LPZ	EP	02 47 02				
		PNS	EP	02 47 05.0		1.2	10.7	
		FL		03 20 08		28	300.0	
FEB	11	LPZ	EP	02 51 03				
		LPB	EP	02 51 04				
			(S)	57 23				
FEB	11	USCGS		04 42 00.7, 1.3S, 14.4W, H = 33 Km				
		NORTH OF ASCENSION ISLANDS						
		TRJ	P	04 51 14.9	C			
		LPB	EP	04 51 28				
			S	59 22				
			L	05 05.3				
		LPZ	EP	04 51 28				
			EL	05 05.6				
		PNS	EP	04 51 31		0.8	10.3	
			FS	59 25		22	264.2	
			EL	05 05 25		34	951.1	
FEB	11	LPZ	EP	05 05 15				
		LPB	EP	05 05 16				6.0
			(S)	06 25				
		TRJ	EP	05 05 28.8	D			

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	11	LPZ	IP	05 50 28				
		LPB	IP	05 50 29.8	D	0.6	28.4	
			IS	50 38.5				
		DSG	EP	05 50 34.1				
FEB	11	TRJ	P	07 05 19.1	C			
FEB	11	USCGS		06 46 23.3, 52.9N, 171.6E, H = 25 Km, M = 5.1				
		RAT ALEUTIAN ISLANDS						
		LPB	FL	07 46 00				121.4
FEB	11	TRJ	EP	11 51 57.5	D			
FEB	11	USCGS		13 04 54.8, 51.N, 175.9E, H = 35 Km, M = 5.3				
		RAT ALEUTIAN ISLANDS						
		LPB	EPKP	13 25 41				119.5
			EL	14 02 00				
FEB	11	TRJ	IP	14 17 12.7	C			
		SMB	IP	14 17 52.3	D			
		CHA	EP	14 17 59.4				
		PNS	EP	14 18 02.5		0.9	26.2	
FEB	11	TRJ	IP	14 46 27.9	D			
FEB	11	USCGS		16 10 30.4, 1.4S, 77.8W, H = 190 Km, M = 5.1				
		ECUADOR						
		PNS	EP	16 14 21		0.9	357.1	
			ES	17 35		15	1270.3	
			EL	21 25		18	460.8	
		DSG	IP	16 14 22.3	D			
		LPB	P	16 14 26.5	C	0.9	51.0	16.6
			S	17 43				
			L	20.3				
		LPZ	P	16 14 27				
			S	17 48				
			L	20.4				
		SMB	IP	16 15 06.2	C			
		TRJ	(IP)	16 15 27.1	D			
FEB	11	SMB	IP	18 15 13.9	D			
FEB	11	DSG	P	22 33 58.4				
		PNS	IP	22 34 03.1	C	0.7	97.7	3.7
			ES	34 49		0.8	19.4	
		LPZ	P	22 34 08				
		LPB	P	22 34 08.5	C	1.0	40.0	
FEB	12	TRJ	IP	00 13 04.6	C			

FEBRUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	12	SMB	IP	00 19 40.3	C			
FEB	12	SMB	IP	00 33 52.6	C			
FEB	12	USCGS RAT ALEUTIAN ISLANDS	00 43 17.1, 51.5N, 175.8E, H = 33 Km, M = 5.7					
		LPB	EPKP	01 03 12				119.3
FEB	12	LPB	EP	01 14 09				5.7
		PNS	EP	01 14 12		1 0	4.0	
			ES	15 20		1.2	4.0	
FEB	12	USCGS RAT ALEUTIAN ISLANDS	01 35 53 6, 52.1N, 172.8E, H = 33 Km, M = 5 0					
		LPB	EPKP EL	01 55 37 02 35 00				120.8
FEB	12	TRJ	IP	05 30 43.5	D			
FEB	12	PNS	EP	07 06 06.0				
FEB	12	SMB TRJ PNS	IP EP EP	07 58 16.1 07 58 40.6 07 58 56.0	C D	0.2	2.4	5.3
			ES	08 00 00		1.0	24.5	
FEB	12	PNS	EP	09 52 14.5		0.2	1.2	
			ES	53 07		0.4	1.8	
		LPB	EP S	09 52 21 53 08				4.3
FEB	12	PNS	EP	12 47 12.5		1.2	19.2	
FEB	12	PNS	EL	12 49 02		0.8	4.1	
FEB	12	TRJ	IP	13 59 24.7	D			
FEB	12	USCGS MINDANAO PHILIPPINE ISLANDS	19 13 35.8, 9.7N, 126.2E, H = 81 Km, M = 5.3					
		LPB	EPKP EL	19 33 43 20 24 00	D	0.9	19.5	164.5
FEB	12	TRJ	IP	23 02 06.6	D			2.6
			S	02 37.7	C			
		SMB	EP	23 02 40.1	C			
		PNS	IP	23 02 53.8	C	0.2	42.2	

FEBRUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	13	SMB	EP	01 09 21.7	C			
FEB	13	TRJ PNS	P EP	02 31 00.6 02 31 49.0	C	0.7	77	
FEB	13	USCGS RAT ALEUTIAN ISLANDS	02 47 46.5, 51.2N, 174.2E, H = 35 Km, M = 5.0					
		LPB	EL	03 46 00				118.3
FEB	13	USCGS RAT ALEUTIAN ISLANDS	03 50 10. 51.1N, 174.2E, H = 33 Km, M = 5.0					
		LPB	EPKP EL	04 10 00 53 00				120.4
FEB	13	USCGS RAT ALEUTIAN ISLANDS	04 45 32.7, 51.3N, 174.1E, H = 33 Km, M = 5.0					
		LPB	EPKP	05 28 02				120.2
FEB	13	PNS	EP	05 49 57.5		0.5	1.8	
FEB	13	LPZ LPB S PNS TRJ	EP EP S EP EP	10 08 27 10 08 40 13 16 10 08 40 10 09 48.9	C	1.0	3.9	
FEB	13	PNS	EP ES	12 01 13.5 01 22		0.3 0.3	7.9 3.3	0.6
FEB	13	PNS	EP	12 06 38.0		0.6	11.0	
FEB	13	PNS	EP	12 52 02.5		0.7	5.1	
FEB	13	PNS	IP ES	13 34 56.6 35 20.0	D	0.2 0.6	25.8 6.0	1.7
FEB	13	PNS	EP	14 07 04.0		1.0	7.8	
FEB	13	TRJ PNS	P EP	15 36 01.0 15 36 05.5	D	1.0	7.8	
FEB	13	SCS	IP	16 18 13.7	C			

FEBRUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	13	USCGS	18 08	41.6, 52.N, 173.2E, H = 33 Km, M = 5.3				
				RAT ALEUTIAN ISLANDS				
		LPB	EL	19 08 00				120.6
FEB	13	USCGS	22 30	33, 22 8S, 68.2W, H = 33 Km, M = 5.2				
				NORTHERN CHILE				
		TRJ	IP	22 31 47.7	C			
		SCS	EP	22 32 19.3	D			
		DSG	P	22 32 19.3				
		SMB	(IP)	22 32 21.8	C			
		PNS	E	22 32 22		0.5	5.5	
			EL	32 50		0.8	9999.9	
		LPB	IP	22 32 22				6.3
			S	33 03				
FEB	14	LPB	EP	06 46 50				
			S	48 21				
FEB	14	USCGS	06 51	50, 6.9N, 73.1W, H = 153 Km				
				NORTHERN COLOMBIA				
		LPB	P	06 56 50				23.9
			S	07 00 49				
FEB	14	USCGS	10 38	07.3, 52.3N, 172.6E, H = 30 Km, M = 5.0				
				RAT ALEUTIAN ISLANDS				
		LPB	EPKP	10 57 06				120.8
			EL	11 36 00				
FEB	14	TRJ	IP	10 59 37.8	D			
FEB	14	TPJ	IP	11 50 31.8	D			2.5
			S	51 01.8				
FEB	14	LPZ	FP	12 38 30				4.4
		LPB	P	12 38 40.0				
			S	39 31				
		PNS	EP	12 39 56.6		0.7	10.2	
			ES	40 38		0.7	6.9	
		TRJ	P	12 39 59.4	D			
FEB	14	USCGS	17 01	13.9 55.1N 165.6E H = 20 Km, M = 5.0				
				KOMANDOSKY ISLANDS REGION				
		LPB	EL	18 02 00				123.9
FEB	14	TRJ	EP	18 37 26.2	C			

FEBRUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	14	PNS	EL	18 46 46			27	163.3
FEB	14	USCGS	18 47	03, 42.6S, 80.0W, H = 33 Km, M = 4.6				
				OFF COAST OF SOUTHERN CHILE				
		TRJ	EP	18 52 16.1	D			
		PNS	EP	18 52 50.3		1.5	17.3	
			ES	57 51		18	523.9	
			EL	19 01 36		28	470.0	
		LPB	P	18 53 07				28.2
FEB	14	USCGS	19 37	17.8, 73.N, 6.5E, H = 33 Km, M = 5.4				
				GREENLAND SEA				
		LPB	EP	19 51 20				101.6
FEB	14	CHA	IP	19 41 36.8	C			
FEB	14	PNS	EL	20 28 08			27	286.5
FEB	14	PNS	ES	23 22 13		25	157.5	
			EL	26 03		28	529.0	
FEB	14	PNS	IP	23 41 42.1	D	0.4	9999.9	
FEB	15	PNS	EL	00 37 00			42	463.0
FEB	15	PNS	ESKP	01 47 07		15	221.3	
			EL	02 23 50		21	891.0	
FEB	15	PNS	EP	06 32 28.1		1.7	42.0	30.2
			ES	37 32		21	290.9	
			EL	42 50		28	707.6	
FEB	15	TRJ	P	06 31 50.1	D			
FEB	15	TRJ	EP	07 00 44.7	D			
FEB	15	PNS	EP	08 02 06.8		1.1	21.0	
FEB	15	PNS	EL	08 11 38		21	319.4	
FEB	15	PNS	IP	08 56 41	D	0.3	27.2	2.7
			ES	57 05		0.6	9999.9	

FEBRUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	15	PNS	EP ES	08 59 42 09 00 10		0.4 999.9	9999.9 9999.9	2.1
FEB	15	PNS	EP ES EL	09 51 28.2 58 36 10 07 12		1.5 999.9 16.0	22.0 9999.9 49.3	51.3
FEB	15	TRJ	P	09 59 52.2	D			
FEB	15	PNS	EP	10 59 27.7		0.5	3.9	
FEB	15	PNS	EL	11 01 46		0.6	11.1	
FEB	15	PNS	EPKP EL	11 03 21.0 12 06 40		1.4 25	99.2 629.5	
FEB	15	PNS	EP	12 57 52		1.4	14.6	
FEB	15	TRJ	IP	12 58 47 3	C			
FEB	15	PNS	EP EL	12 59 31.7 13 09 20		0.9 22	47.8 299.3	
FEB	15	PNS	EL	13 47 00		26	135.9	
FEB	15	PNS	EL	13 58 02		23.0	265.5	
FEB	15	SCS DSG PNS	IP IP IP ES	18 06 48.9 18 06 50.2 18 06 55.9 07 23	UP C D		999.9 9999.9 0.4 9999.9	2.1
FEB	15	TRJ	IP S IP EP P S PNS	21 20 07.3 20 38.3 21 20 37.9 21 20 46 21 20 49.5 21 47 21 20 53.8 21 54.7	C D C		0.8 22.0 22.0 53.7 87.2	3.2
FEB	15	USCGS BANDA SEA	22 44 41, 5.7S, 131.0E, H = 33 Km, M = 4.7					
		LPB	EPKP EL	23 04 33 56 00				150.6
		LPZ PNS	EPKP EPKP	23 04 34 23 04 34				

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MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST
FEB	15	TRJ	P S	23 56 43.2 57 14.8	D D			2.6
FEB	16	SCS LPB PNS	P IP S IP S	01 02 05.4 01 02 08.5 02 35 01 02 09.5 02 36.2	D D	0.8 0.7 0.5	20.0 51.7 43.8	2.1
FEB	16	TRJ LPB	IP S P ES	02 20 54.7 21 21.9 02 21 17 22 23	D D		30.0	5.7
		LPZ PNS	P P S	02 21 18 02 21 20.5 22 34		0.5 0.5	13.3 53.4	
FEB	16	TRJ	IP S	02 37 21.1 37 52.1	C C			2.6
FEB	16	PNS LPB LPZ	IP S EP EP	03 30 22.5 30 54.2 03 30 26 03 30 28	C C	0.3 0.9	31.2 237.6	2.6
FEB	16	LPB SCS LPZ PNS	IP S IP IP IP	12 14 21.9 14 46 12 14 22 1 12 14 22 5 12 14 22 5	D D D		999	1.9
FEB	16	PNS	EP	12 38 01		0.7	46.3	
FEB	16	USCGS HONSHU, JAPAN	12 24 08.8, 39.5N, 141.8E, H = 33 Km, M = 5.6					
		LPB	PKP EL	12 43 42 13 33.5		1.4	84.0	145.6
		PNS SCS TRJ	IPKP P P	12 43 43.0 12 43 46.8 12 43 53.4	C D C	1.6	631.2	
FEB	16	LPB LPZ	EP EP	13 42 24 13 42 30				
FEB	16	SMB	IP	13 51 50.5	D			
FEB	16	PNS	IP S	16 33 28.9 34 01.5	D D	0.9 0.7	154.8 166.3	2.7
		LPB LPZ	IP EP	16 33 33 16 33 34	D D	1.0	26.0	

FEBRUARY 1965

MONTH	DAY	STA	PHASE	TIME	SIGN	PER	AMPL	DIST	
FEB	16	LPZ	EP	17 15 35					
		LPB	P	17 15 36 0	D	1.0	1.0		
		PNS	P	17 15 38.2	D	0.5	13.2		
FEB	16	PNS	IP	21 31 53.7	D	0.3	19.0	2.9	
		LPB	EP	21 31 59					
			S	32 34					
		LPZ	EP	21 32 06					
FEB	16	USCGS	22 27 14, 38.1S, 73.4W, H = 33 Km, M = 4.9 NEAR COAST OF CENTRAL CHILE						
		PNS	IP	22 32 02.4	C	1.2	139.9		
		LPB	EP	22 32 07					
			S	36 14					
			L	39.0					
		LPZ	EP	22 32 08					
		FEB	16	LPB	EP	22 36 26			
PNS	P			22 36 28.8					
FEB	17	SCS	P	01 50 21.4	D				
FEB	17	PNS	IP	02 49 46.0	D		999	2.0	
		LPB	IP	02 49 52.8					
			S	50 18					
			SCS	IP	02 49 53.0	D			
		SMB	IP	02 50 38.3	C				
		LPZ	IP	03 49 54					
ES		50 19							
FEB	17	SCS	P	02 53 49.1	D				
		PNS	EP	02 54 04					
			S	54 34		0.6	127.7		
			EP	02 54 07				1.6	
		LPB	S	54 27					
LPZ	EP	02 54 16							
FEB	17	TRJ	EP	05 32 58.7	D				
FEB	17	TRJ	P	06 48 26.3	C				
FEB	17	TRJ	P	06 54 35.3	C				
FEB	17	PNS	EP	07 53 13		0.4	20.0		
		LPZ	EP	07 53 18					
FEB	17	TRJ	P	09 56 20.2	D			2.7	
			S	56 52.1	D				