

UNIVERSITETET I BERGEN
JORDSKJELVSTASJONEN
(Seismological Observatory)

Seismological Bulletin
Lillehammer, Norway
1966—1967

Av

HILMAR BUNGUM and EIRIK SUNDVOR

BERGEN — NORWAY 1969

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Bv

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Lillehammer (LHN), Norway.

Latitude: 61° 02' 57" N
 Longitude: 10° 52' 48" E
 Elevation: 555 meters
 Foundation: Slate

Instrument	Weight of mass in kgm	Period sec		Magnification at Ts	Damping	Film speed mm/min
		Ts	Tg			
Benioff vertical	107.5	1.0	0.2	125000	15:1	15
Benioff horizontal (Az=138°)	100.0	1.0	0.2	125000	15:1	15
Benioff horizontal (Az=228°)	100.0	1.0	0.2	125000	15:1	15
Sprengnether vertical	11.2	20	30	15000	Critical	3
Sprengnether horizontal (Az=138°)	10.7	20	30	15000	Critical	3
Sprengnether horizontal (Az=228°)	10.7	20	30	15000	Critical	3

The station began its normal operation in August 1963 and was at that time called 00 NW Oslo. The Geotechnical Corporation undertook the installation of the station and also the operation of it until April 1 1965. At that date operation of the station was taken over by the Seismological Observatory University of Bergen, on an Advanced Research Project Agency (ARPA) contract, through the European Office of Aerospace Research, expiring December 31 1966. After that date the station has been operated by the funds of the University of Bergen.

The data given in this bulletin refer to the position and instrumentation mentioned above (array-site Z 3). The recordings are obtained by 35 mm film recorders. Both the short and the long period systems include phototube amplifiers having a galvanometer with periods 0.2 and 30 sec. respectively. The exact time of some few phases, however, is read from the recordings obtained by two other recording systems. The station comprises, besides the already mentioned instrumentation, 6 other identical vertical Benioff seismometers placed around the quoted position making it into a 7 element crossed array of seismometers with a spacing of 1 km. All this data are recorded on an IRIG standard one inch wide 14 channel FM-modulated magnetic tape at a speed of 0.3 inch/sec, and all short period data are also recorded on 16 mm film by a Develocorder using galvanometers with a natural frequency of 16 cps and a film speed of 30 mm/min.

The arrival time given for each phase is the earliest onset of that phase on any component. The logarithm of the amplitude/period ratio, $\log\left(\frac{A}{T}\right)$ is given when it is possible. The amplitude A (in millimicrons) is calculated from the vertical short-period component as the maximum center to peak ground motion within the first few cycles of the initial arrival of P or PKP. The predominant period T (in seconds) of the phase is read where A is observed.

The readings have been punched on cards according to the codes given by the International Seismological Centre in Edinburgh. This bulletin is a reproduction of a print-out of the cards sent us from the Centre in Edinburgh. Only capital letters are used on the print-out and pP for example is therefore printed as * PP. For 1967 onwards some columns on the punched cards have been used for remarks. Usually the remarks give the epicenter or region assumed in the interpretation. Most epicenters quoted are determinations done by U.S. Coast & Geodetic Survey Bureau Central International Seismologique, Uppsala Seismological Institute, or they are worked out at Bergen.

LILLEHAMMER (LHN) SEISMIC STATION BULLETIN - 1966 PAGE 1

1966		P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS
MTH	DY	HR	M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T
JAN	02	04	116 04.9		I 16 08	PP 19 07		1.8
JAN	02	05			E 01 58			
JAN	02	11	E58 00		I 58 03			
JAN	02	23	117 40.0					1.7
JAN	03	16	103 35.1					
JAN	03	18	128 29.2					1.7
JAN	05	05	E58 29					
JAN	05	17	E33 13	43 03	PCP 33 23	I 33 33	SS 47 53	
JAN	05	18		07 21	P* 06 41	PG 06 47	SG 07 35	
JAN	05	18	122 57.8		*PP 23 07			1.3
JAN	06	04	131 57.7					1.3
JAN	07	07	D155 52.0					1.4
JAN	07	14	E44 52					
JAN	08	08	E12 26					
JAN	08	20	111 05.3					
JAN	08	22	133 47.0					1.2
JAN	08	22	150 50.2		I 51 04			1.6
JAN	09	09	122 39.3		I 23 23			1.4
JAN	09	23	E42 39		I 42 54			
JAN	10	01	131 44.0		*PP 32 19			
JAN	10	11	125 11.0					1.4
JAN	10	13	E10 27					
JAN	10	15		48 40	I 48 42	SG 49 04		
JAN	11	09	C121 27.3		I 21 33			1.5
JAN	11	14	C118 02.9					1.7
JAN	11	14	122 51.5					1.7
JAN	11	14	128 07.0	37 58	*PP 28 13	PPP 32 35	SS 42 48	1.3
JAN	12	01	149 16.7					
JAN	12	10	133 37.0					1.3
JAN	12	12	141 57.2					
JAN	13	01	E49 38					
JAN	13	10	151 55.2	60 38	I 51 59	I 52 07	I 75 00	2.3
JAN	13	12	135 11.9					
JAN	14	18	D145 22.6					
JAN	15	12	109 50.8					
JAN	15	18	113 13.0		I 13 24	PP 14 05	PPP 14 16	
JAN	15	22	E16 13		I 16 17			
JAN	16	07	119 56.3					
JAN	16	09	C122 31.6		I 22 43			2.0
JAN	16	12			I 37 28			
JAN	16	18	158 04.7					
JAN	16	19	D155 05.2		I 55 16			1.8
JAN	16	20	109 40.7					
JAN	16	20	E21 08					
JAN	16	23	E53 29					
JAN	17	08	144 32.7					
JAN	17	18	108 17.1					
JAN	17	19	E07 07					
JAN	17	20	110 07.1					
JAN	18	01	C125 09.4					
JAN	18	12	122 46.2					
JAN	18	20	124 28.6		PP 24 53	PPP 25 08	I 29 50	
JAN	18	21	125 41.8					
JAN	20	00	144 09.6		I 44 38			1.2
JAN	20	01	D156 13.9					
JAN	20	14	D156 47.0					
JAN	20	16	C143 12.7					
JAN	20	23	144 41.8					
JAN	20	23	149 04.2					
JAN	21	09	D154 35.7					

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1966	MTH	DY	HR	P/PKP M S	S/SKS M S	SUPP. 1 PHASE M S	SUPP. 2 PHASE M S	SUPP. 3 PHASE M S	LOG A/T	REMARKS
JAN 22	00			129 18.1	33 53					
JAN 22	04					E 14 42				
JAN 22	07			D148 55.9		*PP 49 42			1.7	
JAN 22	11			I119 09.8		I 19 21				
JAN 22	14			C137 30.5	45 54	*PP 37 40	PCS 42 04	SS 50 16	1.7	
JAN 23	01			E09 48						
JAN 23	02			I07 51.2						
JAN 23	15			E23 45						
JAN 23	23			I20 53.2		*PP 21 07			1.4	
JAN 24	02			E23 49						
JAN 24	07			I31 55.0	39 02	I 42 50	I 50 14	I 53 00	1.6	
JAN 24	15			I41 39.1						
JAN 25	00					S* 01 11	SG 01 28			
JAN 26	01			E19 03		I 19 08				
JAN 26	10			I43 14.7						
JAN 26	11			E30 33		*PP 30 43				
JAN 26	13			I35 29.2						
JAN 26	23			I05 42.1						
JAN 27	12			I11 42.2		PCP 12 03			1.6	
JAN 27	19			I50 00.0						
JAN 28	00			I04 34.8						
JAN 28	04			I55 02.8		PKP 55 05	SKP 57 45			
JAN 28	06			I01 35.2		PKS 05 04				
JAN 28	09			D100 03.9		PP 01 53	I 14 38	I 17 37		
JAN 28	14			E15 15		I 16 25				
JAN 28	22			I48 38.5	57 14	*PP 49 03	PCP 49 17	LQ 64 46	1.3	
JAN 29	08			D103 11.9		*PP 03 24				
JAN 29	14					SG 01 11				
JAN 29	14					I 52 52				
JAN 30	06			I52 05.5						
JAN 31	03			I15 11.8		*PP 15 16				
JAN 31	04			E35 58		I 36 01				
FEB 01	06			I05 38.1		I 05 40	PP 07 01			
FEB 01	07			E14 34						
FEB 02	09			C128 41.9		I 28 45			1.5	
FEB 02	17			C129 29.7		I 29 43				
FEB 03	02			I30 15.8						
FEB 03	06			D101 39.7		PF 05 28				
FEB 03	12			C111 02.2						
FEB 03	13			I28 09.3						
FEB 04	08			I43 53.3						
FEB 04	10			C158 04.9		SKP 61 13	I 61 17			
FEB 05	02			D106 49.4	10 40	I 06 51	I 13 40			
FEB 05	02			I16 11.9						
FEB 05	03			D103 03.0						
FEB 05	14			D135 13.8		I 35 23			1.2	
FEB 05	15			C123 33.0	32 33	I 23 35	LQ 40 08			
FEB 05	16			C126 34.4		I 26 36	*PP 27 08		2.4	
FEB 06	04			D124 44.2						
FEB 06	09			D124 23.3						
FEB 06	13					I 29 43	I 29 45			
FEB 06	23			D137 53.4		*PP 97 13				
FEB 07	00			E58 51						
FEB 07	04			D135 01.4	42 14	I 35 04	PP 36 51	SS 45 52		
FEB 07	05			I05 01.0		I 05 04				
FEB 07	05			I12 23.3		I 12 31				
FEB 07	05			I30 34.3		I 30 42				
FEB 07	05			I39 03.3		I 39 05	I 41 05			
FEB 07	13			I01 13.9		*PP 01 24				
FEB 07	23			D115 24.0	22 33	I 15 28	PCP 16 44	SCS 25 23		

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1966	MTH	DY	HR	P/PKP M S	S/SKS M S	SUPP. 1 PHASE M S	SUPP. 2 PHASE M S	SUPP. 3 PHASE M S	LOG A/T	REMARKS
FEB 08	07			I20 43.0			I 20 53			
FEB 08	10			D120 30.0						
FEB 08	13			I21 58.3						
FEB 08	20			C112 53.6			I 12 58			
FEB 09	01			I07 48.1						
FEB 09	08			E26 37						
FEB 09	08			D131 05.2						
FEB 09	10			D112 45.1						
FEB 09	14						I 17 07			
FEB 09	14			D155 10.1						
FEB 09	23			D144 58.2						
FEB 09	23			I54 57.0	55 33	PG 55 08	S* 55 38	SG 55 51		
FEB 10	01			I44 03.0						
FEB 10	05			D141 19.3	51 24	SCS 51 35				
FEB 10	12			D149 10.9					1.4	
FEB 10	13			I26 48.5		I 26 54				
FEB 10	14			D134 11.0	45 14	*PP 34 29	PP 37 48	SS 51 26		
FEB 10	20			C124 12.1		I 24 31	I 24 56			
FEB 11	06			E54 40						
FEB 12	13			E41 25		I 41 26				
FEB 12	16			D142 06.8					1.7	
FEB 13	05			C105 18.4		PP 06 50				
FEB 13	06			I18 13.9					1.2	
FEB 13	19			D135 33.8		I 35 40				
FEB 14	05			I49 56.2						
FEB 14	06			E32 29		I 32 35				
FEB 14	18			C103 37.8						
FEB 14	20			I22 02.3						
FEB 15	01			I40 14.8						
FEB 15	22			I33 12.2						
FEB 15	22			D152 35.1		I 52 49	*PPKP 54 57	SKP 55 18		
FEB 16	03			I37 32.2		PKP 37 42	PP 40 32	PKS 41 09		
FEB 16	05			I40 39.0						
FEB 16	11			I07 12.3						
FEB 16	12			I09 05.7		PCP 09 36				
FEB 16	13					I 24 22				
FEB 17	00			E58 07						
FEB 17	07			I42 49.5						
FEB 17	08			I02 16.0		I 02 20				
FEB 17	10			I46 29.2						
FEB 17	12				13 01	PP 06 49	PPS 16 19			
FEB 17	18			I38 57.2						
FEB 18	00			C139 25.4					2.0	
FEB 18	07				23 30					
FEB 18	19			I13 28.5		PCP 13 49			2.1	
FEB 19	12			D158 56.3		*PP 59 15	*SP 59 33			
FEB 19	13				43 08	S* 43 25	SG 43 38			
FEB 19	14			I30 40.5						
FEB 19	22			E59 55						
FEB 20	06			D108 37.1		*PP 08 49				
FEB 20	18			I26 44.2					1.4	
FEB 20	18			I27 49.3						
FEB 20	20			I23 01.4						
FEB 21	00			I41 19.1						
FEB 21	13			C130 37.3					1.6	
FEB 21	14			E24 46						
FEB 21	20					I 37 21	I 37 30			
FEB 22	01			I47 23.8		I 47 29				
FEB 22	05			D121 20.0	28 24	PP 22 47	PKKP 31 34	PS 32 05		
FEB 22	18			I37 15.2						

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1966	MTH	DY	HR	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS
				M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T	
FEB 24	00			E27 02						
FEB 24	05			I50 47.0						
FEB 24	16			E03 16						
FEB 24	16									I 05 15
FEB 24	20			I03 07.4						
FEB 24	21			I32 23.0						
FEB 25	11									57 28
FEB 25	23									
FEB 26	00			I44 32.7						SS 30 34
FEB 26	19			E45 53						*PP 44 45
FEB 26	20			I58 09.0						P* 46 09 I 47 18
FEB 27	03			E07 52						
FEB 27	16			DI41 03.8						
FEB 27	16			I45 28.5						I 45 34
FEB 27	20			I57 23.1						
FEB 28	02			DI12 47.0						21 27
FEB 28	13			DI47 32.2						
FEB 28	19			I10 27.7						
FEB 28	20			I11 09.8						
MAR 01	12			I40 23.8						I 40 35
MAR 01	13									I 07 17 I 07 32
MAR 01	16			CI03 52.3						1.2
MAR 01	23			E27 27						
MAR 02	02			I42 48.0						I 42 50 PP 43 41 I 51 36
MAR 02	12			DI02 04.4						I 02 13
MAR 03	03			I36 19.6						45 09 PP 39 10 PPP 40 37 SS 49 52
MAR 03	12			I13 32.9						
MAR 04	00			I17 44.8						
MAR 04	04			I06 36.8						
MAR 04	06			I09 51.9						
MAR 04	06			I14 41.2						I 14 53
MAR 04	07			I52 44.1						
MAR 04	11			I25 58.0						
MAR 04	16			E37 48						
MAR 05	00			I18 47.0						I 18 57 PKP2 19 22 PP 22 58
MAR 05	02			I57 41.5						
MAR 05	04			I59 41.7						1.2
MAR 05	21			I05 24.4						13 58 PPS 14 28
MAR 06	02			E20 13						PCP 21 23
MAR 06	02			I25 10.8						P 25 15 P 25 19 PCP 26 07
MAR 06	18			I09 57.6						
MAR 06	18			I21 19.5						I 21 25
MAR 06	21			E16 26						
MAR 07	01			I22 07.2						27 10 PP 23 15 PPP 23 27 PCP 25 10
MAR 07	07			I36 40.7						
MAR 07	17			I17 44.5						I 18 05 I 18 16 PP 18 30
MAR 07	21			I39 51.8						48 20 PCP 40 26 PP 42 17 I 43 07
MAR 08	01			I32 47.7						I 32 53 PKS 36 14 I 36 19
MAR 08	05			I54 49.8						65 25 PP 58 50
MAR 08	15			E59 41						60 32 P* 59 48
MAR 08	16			E02 13						03 06 I 02 18 I 03 10
MAR 08	18			I56 50.5						I 56 57
MAR 08	21									PP 04 09
MAR 08	23			E37 19						
MAR 10	04			DI37 34.6						46 53 PP 40 57 *SS 49 33 SS 51 36 1.9
MAR 11	10									*PP 36 24
MAR 11	20			DI07 34.7						
MAR 11	20			I24 22.9						
MAR 11	23			E45 24						
MAR 12	01			I25 09.1						I 25 11 I 25 13 I 25 32

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1966	MTH	DY	HR	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS
				M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T	
MAR 12	12			I28 26.2						
MAR 12	16			CI43 19.3						53 08 *PP 43 28 I 48 22
MAR 12	16			I59 51.0						
MAR 12	18			I11 34.7						*PP 11 54
MAR 12	19			I25 59.8						
MAR 12	19			I35 01.6						
MAR 12	20			E20 51						
MAR 12	21			E09 01						
MAR 12	22			E52 24						
MAR 13	01			E01 34						
MAR 13	08			E14 44						
MAR 13	15			I05 49.6						
MAR 13	19			I00 04.2						
MAR 13	19			I41 58.5						
MAR 14	03			E32 24						
MAR 14	04			I52 01.0						
MAR 14	06			I49 37.2						
MAR 14	13			E32 33						
MAR 14	14			I13 42.5						*PP 13 53
MAR 14	14			E23 18						I 23 23
MAR 15	11			I25 58.5						
MAR 15	16			E28 42						
MAR 16	10			E45 18						
MAR 16	12			E32 22						
MAR 16	20			E51 29						62 35
MAR 17	04			E11 07						
MAR 17	05			I54 14.8						
MAR 17	16			I08 42.2						15 56 PKP 08 44 *PPKP 11 02 SKP 11 29
MAR 17	16			E44 30						
MAR 18	14			E25 07						
MAR 18	18			I20 57.8						
MAR 18	23			E49 34						
MAR 19	08			DI22 52.7						I 23 06
MAR 20	01			I53 08.6						*PP 53 18 PP 55 29 I 57 14 1.8
MAR 20	02			E50 00						
MAR 20	03			I33 05.0						I 33 20
MAR 20	05			CI57 18.6						PN 58 26 PP 58 43
MAR 20	09			I05 55.9						
MAR 20	09			I23 48.3						
MAR 20	10			E14 19						
MAR 20	17			E40 09						
MAR 20	21			I52 49.2						I 53 00
MAR 20	22			E31 44						34 40 E 31 51
MAR 21	00			I14 59.8						I 60 23
MAR 21	01			CI40 59.8						1.6
MAR 21	01			I53 31.7						
MAR 21	06			CI41 08.0						1.5
MAR 21	20			E49 45						
MAR 22	08			I22 09.9						PCP 22 31
MAR 22	11			I19 10.2						
MAR 23	00			CI16 35.6						26 27 PCP 16 43 *PP 17 01 PP 19 23
MAR 23	00			I18 32.3						
MAR 23	11									I 31 39
MAR 24	03			I33 01.9						
MAR 24	04			E24 00						SKP 27 24
MAR 24	08			I46 56.4						
MAR 25	13			I05 40.3						I 05 55
MAR 25	13			I15 14.5						
MAR 25	23			I22 41.8						I 22 58
MAR 26	09			I54 29.8						

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1966		P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS
MTH	DY	HR	M S	PHASE M S	PHASE M S	PHASE M S	A/T	
MAR 26	14		121 27.7	*PP 21 37	PP 24 22			
MAR 26	15		E24 57					
MAR 26	15		129 36.5	38 34	I 30 43	SS 43 02	I 54 20	
MAR 26	18		124 54.6	33 04	PCP 25 21	SS 37 33	I 49 46	
MAR 26	20		C122 36.2					
MAR 27	01		E50 45					
MAR 27	01		150 49.7					
MAR 27	01		154 17.8		I 54 40			
MAR 27	02		E21 20					
MAR 27	19		D106 11.9	16 53				
MAR 28	04		109 47.6					
MAR 28	15		159 28.3					
MAR 28	16		C116 20.2					
MAR 29	02		C128 34.0		I 28 38			
MAR 29	02		130 14.8	40 39	I 30 24	PP 33 38		
MAR 29	06		122 33.2					
MAR 30	04		127 50.0	35 25	I 28 37			
MAR 30	12			59 38				
MAR 30	18		D157 45.6					
MAR 30	21			E 00 35	I 00 45			
MAR 31	05		E25 09					
MAR 31	14		153 15.5					
MAR 31	23		145 52.7		*PP 46 39	PP 47 38		
APR 01	03		101 55.0					
APR 01	13		120 08.7	24 20	I 20 18	I 28 20		
APR 02	02		105 06.8	15 37	SS 21 07			
APR 02	15				I 13 38			
APR 02	18		128 55.2					
APR 02	22		E54 49		*PP 55 01			
APR 03	04		E54 49	64 40	PP 57 50	I 58 00	SS 69 40	
APR 03	05		117 04.3		I 17 14			
APR 03	11		141 29.8	45 30	I 41 33	I 49 15	I 49 53	
APR 03	23			07 52	I 05 39			
APR 04	03		E03 23		*PP 03 31			
APR 04	05				PKP2 58 11			
APR 04	06		154 01.6	63 37	*PP 54 10			
APR 04	20		102 23.7		I 02 26	*PP 02 49		
APR 04	23				I 32 18			
APR 05	05		C108 44.3		*PP 08 54	PCP 09 09	1.9	
APR 05	06		120 10.5		I 20 13			
APR 05	12				E 18 23			
APR 05	16		140 13.2					
APR 06	02		D100 18.2		I 00 27	I 00 34	I 17 09	1.4
APR 06	03		118 03.3		SKKS 27 06	SS 37 04		
APR 06	18		117 15.0					
APR 06	19		E57 44					
APR 06	20		E04 42					
APR 06	20		E04 48					
APR 06	22		E06 22		*PP 06 32			
APR 06	22		D138 58.2		*PP 39 07		1.9	
APR 07	03		D130 59.9		PP 31 40			
APR 07	04		D103 47.2					
APR 07	09		154 33.1		*PP 54 46			
APR 08	01		D157 21.7	65 59	PCP 57 48	PP 59 52	I 61 43	1.4
APR 08	05		D135 21.2					
APR 08	05		C158 03.2	62 32	I 58 09	*PP 58 14	LR 64 36	2.1
APR 08	09		129 26.0					
APR 08	13		E52 41		I 52 46			
APR 08	20		E23 12					
APR 08	22		121 15.2	29 50	I 21 25	I 21 33		

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1966		P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS
MTH	DY	HR	M S	PHASE M S	PHASE M S	PHASE M S	A/T	
APR 08	22						I 44 13	
APR 08	23		115 58.2					
APR 08	23						E 20 36	
APR 08	23		C157 34.8				*PP 57 47	
APR 09	02		C146 52.3				*PP 47 01	
APR 09	02		154 39.0	65 13			I 54 51	PP 57 58
APR 09	14		143 12.5					SS 70 58
APR 09	15		108 27.4				I 08 29	I 08 31
APR 09	19		E01 35					PKS 11 57
APR 09	20		E14 17					
APR 09	20		118 57.0					
APR 10	10		145 35.4				*PP 46 28	1.4
APR 10	10		150 31.6				I 50 40	
APR 10	16		E54 44				PP 55 38	
APR 10	16		116 26.4				I 16 29	I 16 39
APR 11	16		150 47.0				I 50 50	PP 52 29
APR 11	17		C130 03.0	40 30			*PP 30 13	I 65 52
APR 11	18		136 26.8				I 36 30	*PP 96 06
APR 11	23		C110 41.4	19 09			I 11 13	
APR 12	17						S* 31 01	
APR 12	23		E34 45					
APR 12	23		156 27.6	65 55			PP 58 03	SKKS 65 07
APR 13	00		E42 15					PS 67 48
APR 13	02						I 24 43	
APR 13	03			03 44			PS 10 14	
APR 13	03		108 13.2					
APR 13	04		146 20.2				SKP 49 39	
APR 14	08						I 29 16	I 29 41
APR 14	14		125 56.9					I 29 45
APR 14	18		C157 32.2				I 57 36	
APR 14	21		C114 10.0	20 35			PN 15 33	PP 15 52
APR 15	18		C111 10.0				*PP 11 22	PPP 16 20
APR 16	01		D137 32.2	45 55			*PP 37 42	PP 39 54
APR 16	02		E37 58					SCS 47 24
APR 16	07		123 22.4				I 23 36	
APR 16	10		D125 11.9	34 57			I 25 15	1.3
APR 16	11		143 07.0				*PP 43 15	
APR 16	13		E20 32					
APR 16	14		153 39.0				PP 56 01	
APR 16	15		141 50.9				I 41 52	I 42 12
APR 16	15		E58 43					SKP 44 51
APR 16	22		E59 48				I 58 58	
APR 17	05		139 58.0				I 40 13	
APR 17	06		111 44.8					
APR 17	13		E28 17					
APR 17	14						*PP 10 38	
APR 18	08		123 47.3	31 35			I 23 51	
APR 19	01		119 24.7				P* 19 41	
APR 19	20		137 07.7					
APR 19	23		110 29.4				*PPKP 11 25	
APR 20	02		146 07.7	56 28			S 57 54	
APR 20	06		E13 52					
APR 20	14		E42 00					
APR 20	16		139 32.9	50 37			I 39 41	PP 43 13
APR 20	16		148 08.5	53 10			P 48 19	SN 53 49
APR 20	16							SS 54 44
APR 20	21		146 44.2					
APR 21	04		C105 18.2				PN 06 32	
APR 21	06		151 16.8					
APR 21	08		130 24.3					
APR 21	09		E29 16					

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1966	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS
MTH DY HR	M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T	
APR 21 15	E57 08	66 58	PP 60 07	SS 71 52	SSS 75 08		
APR 21 17	E48 33	58 21	I 48 43	I 67 04			
APR 22 03	CI03 23.1		PN 03 31				
APR 22 03	I25 21.3	33 26	PP 26 46	I 36 37	SS 43 30		1.1
APR 22 10	DI13 50.7						
APR 22 10	DI26 06.8						
APR 22 12			I 34 43				
APR 22 17	I13 24.7						
APR 22 18			PG 37 09	SG 37 45	I 37 54		
APR 22 23	I37 34.1	45 56	*PP 37 40	PP 39 57	PKPKP 67 36		
APR 23 00	E23 21	34 07	*PP 23 31	PP 27 31	I 27 54		
APR 23 01	I06 19.2	08 51	I 06 32				
APR 23 04	E27 48		*PP 27 56				
APR 23 07			I 10 15				
APR 23 09		22 00	SS 28 58				
APR 23 11	I13 12.0						
APR 23 18	E16 01						
APR 24 03	I46 46.9		SKP 49 11				
APR 24 07	DI20 34.0						
APR 24 10			E 40 40				
APR 24 15	I24 20.6		PCP 24 51				
APR 24 20	E18 05						
APR 25 05	E16 21						
APR 25 11	CI00 16.7		I 00 26	SKP 03 08			
APR 25 18	E20 43		E 20 50				
APR 25 23	I30 24.0		I 30 32	I 30 41	I 44 30		
APR 26 10	E56 21						
APR 27 00	DI43 20.7						1.3
APR 27 14			I 07 02				
APR 27 19	I54 59.8	60 10	I 55 02	I 61 35	LR 63 16		
APR 27 21	I51 52.0						
APR 27 23	I06 54.8						
APR 28 00	E36 10						
APR 28 01			PKP2 36 19				
APR 28 01	I59 35.5						
APR 28 03			SG 55 17				
APR 28 10	I51 41.8						
APR 28 11			PG 15 07	SG 16 13	I 16 21		
APR 28 11	I52 35.1						
APR 28 17			PKS 19 48	SS 36 54			
APR 28 18	I20 00.0						
APR 28 21	I30 15.8						
APR 28 22	E48 18		I 48 24				
APR 29 01	I57 21.5	65 04	*PP 57 31				
APR 29 02	I36 31.7		*PP 36 53				
APR 29 23	DI14 15.8		I 14 24				
APR 30 01			I 10 29				
APR 30 02			I 49 50				
APR 30 04			I 45 15				
APR 30 12	I12 48.2		I 13 30				
APR 30 13	I48 56.2	55 26	I 66 14				
APR 30 14	DI13 00.0						
MAY 01 16	CI36 02.6	46 25	*PP 36 42	S 47 04	I 47 57		
MAY 01 18	I42 39.5		*PP 43 06	PP 45 42			
MAY 01 22	I32 39.3		I 32 46				
MAY 01 22			E 41 11				
MAY 01 23			E 59 10				
MAY 02 10			I 22 32				
MAY 02 11	I11 49.0		I 11 54				
MAY 02 16	E53 39		E 53 59				

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1966	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS
MTH DY HR	M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T	
MAY 02 23	I18 31.5						
MAY 02 23	E32 17						
MAY 03 23	E00 46						
MAY 04 01	E59 13						
MAY 04 06	I42 02.2	46 13	I 42 03	I 42 05	PPP 43 08		
MAY 04 07	I44 01.4		I 44 07	PCP 48 19			
MAY 04 18			*PP 26 33				
MAY 04 21	I54 28.4	59 00	I 54 33	I 61 46	I 63 16		
MAY 05 06	I48 39.7		I 48 43				
MAY 05 06	I49 59.6		I 50 02	*PP 50 09	I 50 28		
MAY 05 14	I33 19.0	43 18	PP 36 24	SS 48 26	PKKP 52 10		
MAY 05 15	I20 45.4						
MAY 05 15	I29 26.7		I 29 30				
MAY 05 15	I41 51.3						
MAY 05 15	I56 54.0		I 57 00				
MAY 05 20	I51 41.0						
MAY 06 02	I48 58.2		I 49 04				
MAY 06 04			E 35 00	E 43 23			
MAY 06 07	CI32 48.3						1.5
MAY 06 15	CI11 30.7						1.2
MAY 07 04	I05 19.0		PP 06 35				
MAY 07 13	I13 47.2	18 18	PCP 17 17	I 20 41	I 22 33		
MAY 07 21	E 17 41		E 17 41				
MAY 07 22	I14 24.8		I 14 28	SN 19 11	I 21 39		
MAY 08 01	E36 25						
MAY 08 03	I53 48.3						
MAY 08 06	I28 03.8						
MAY 08 08	I41 02.5						
MAY 08 12			I 39 13				
MAY 08 17	DI15 02.2		I 15 23				
MAY 09 00	I48 47.2	53 50	I 48 48	PP 49 45	SS 55 22		
MAY 09 03	I09 13.2		I 09 20				
MAY 09 03	I56 42.5		I 56 46	*PP 57 08	*SP 57 20		
MAY 09 04	I40 51.3						
MAY 09 06	I14 21.7		I 14 36				
MAY 09 06	E28 43						
MAY 09 10	E19 08						
MAY 10 02	E53 38						
MAY 10 13	DI25 48.2		I 25 58				
MAY 10 21	DI12 29.4	19 26	*PP 12 36	I 12 49	LQ 24 00		
MAY 11 01	I28 43.0						
MAY 11 01	E35 51						
MAY 11 02	DI02 14.3		I 02 16				
MAY 11 12			I 41 48				
MAY 11 14	I28 27.8	37 18	I 28 29	SCS 38 26	LQ 45 08		
MAY 11 14	DI37 31.9		*PP 37 42				
MAY 11 14	I54 01.7						
MAY 11 15	I11 54.8		I 12 04	I 12 22			
MAY 11 18	I11 21.0		I 11 32				
MAY 11 21	DI50 27.2	59 26	SCS 60 32				1.6
MAY 11 23	I40 56.0		I 42 41				
MAY 12 06	E43 12						
MAY 12 11	I06 43.6						
MAY 12 11	I51 01.3		E 61 06				
MAY 12 12	I27 52.0						
MAY 12 20	I36 18.2		I 36 27	I 37 10			1.4
MAY 13 12			SG 37 47				
MAY 13 13	I11 33.7						
MAY 13 13	I17 43.3		I 17 49				
MAY 13 13	I41 31.9						

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1966		P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS
MTH	DY	HR	M S	M S PHASE	M S PHASE	M S PHASE	M S A/T	
MAY	13	14	DI10 07.0		I 10 18			
MAY	13	14	I30 14.7		I 30 26		1.0	
MAY	13	23			E 21 46			
MAY	14	04			I 21 21			
MAY	14	17	I11 38.5		I 11 43			
MAY	14	17	I15 43.3		I 15 51			
MAY	14	20	I38 59.7		*PP 39 04			
MAY	14	23	I06 07.0		I 06 13			
MAY	15	02	I21 03.7		I 21 17			
MAY	15	10	I16 58.5					
MAY	15	11			E 13 11	I 13 21		
MAY	15	14	E57 01	66 59	I 57 03	PKPPK 85 29		
MAY	15	17	I24 06.8					
MAY	16	03	DI04 23.2		I 04 48			
MAY	16	05			E 54 40			
MAY	16	17	I36 47.6					
MAY	16	20	I06 32.0					
MAY	16	20	I22 03.3					
MAY	17	01	I10 42.5		*PP 10 55	PP 13 31	1.7	
MAY	17	02	I00 07.2					
MAY	17	07	CI13 50.4	22 17	SSS 26 22			
MAY	18	00	I18 03.8		*PPK 18 14		1.4	
MAY	18	07	I44 23.2	54 47	*PP 44 31			
MAY	19	12	I16 06.8					
MAY	19	14	I07 59.5		I 08 09			
MAY	20	03	CI05 52.9				1.5	
MAY	20	09	I25 02.7					
MAY	20	09	E28 13	38 59				
MAY	20	11	CI54 50.0					
MAY	20	18	DI14 56.0					
MAY	21	08	CI27 00.2					
MAY	22	03	E10 56		E 11 00			
MAY	22	07	I42 48.2	47 00	PP 43 30			
MAY	22	07	I47 25.1					
MAY	22	07	E55 21		E 55 31			
MAY	22	11	I20 46.7					
MAY	22	16	CI18 56.4					
MAY	22	16	E54 50					
MAY	22	22	DI30 24.2		I 30 32			
MAY	23	01	E31 20					
MAY	23	01	I34 19.7				1.6	
MAY	23	08	CI51 53.3	61 58	*PP 52 01			
MAY	24	11	CI14 42.7					
MAY	24	12	I11 12.8					
MAY	24	14	E52 08					
MAY	24	15	I48 36.0					
MAY	24	17	I49 15.3		I 49 19			
MAY	25	08	I43 24.6					
MAY	25	09	DI11 44.3		I 11 49		1.7	
MAY	25	12	I26 26.8		SKP 30 03			
MAY	25	13			PKP2 41 39			
MAY	25	14	I17 48.2					
MAY	25	18	I27 02.7					
MAY	25	23	I01 19.5		*PP 01 25			
MAY	26	00	E13 35		I 13 48			
MAY	26	06	I37 27.1					
MAY	26	10			I 54 14			
MAY	26	12			FKP2 18 50	I 19 16		
MAY	26	12	DI20 24.8					
MAY	26	12	DI45 04.7					

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1966		P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS
MTH	DY	HR	M S	M S PHASE	M S PHASE	M S PHASE	M S A/T	
MAY	26	18	I49 07.9		PP 51 16	SKP 52 24		
MAY	26	21	CI00 28.6					1.3
MAY	26	23	I11 00.4					
MAY	26	23	I31 25.7		SKP 34 12			1.3
MAY	27	05	I12 24.9					
MAY	27	05			I 14 40			
MAY	27	08			I 23 16			
MAY	27	14	I45 35.9					
MAY	27	19	E07 06	56 12	I 07 15			
MAY	27	20	I11 30.9					
MAY	27	22	DI23 36.5					1.1
MAY	28	00	I15 58.6	25 54	PCP 16 05	SSS 31 30		1.4
MAY	28	03			I 26 13			
MAY	28	06	I05 28.4		I 05 40			
MAY	28	20	I46 01.6					
MAY	28	22	E01 07		I 01 18			
MAY	29	04	I06 53.6					
MAY	29	14	I02 55.5					
MAY	30	01	I16 38.5					
MAY	30	03	I21 55.9					
MAY	30	12	DI59 35.8					
MAY	30	14	E56 01	58 27				
MAY	31	07	I53 50.0					
JUN	01	02	I44 51.8		*PP 45 02			
JUN	01	04	E07 29					
JUN	01	10	I33 48.0					
JUN	01	12	E07 02		PKS 10 30			
JUN	02	03	I38 46.3	47 46	*PP 39 01			
JUN	02	08			I 02 17			
JUN	02	12	I19 18.9					
JUN	02	15	DI41 31.3					
JUN	04	23	DI59 18.0	68 17	*PP 59 32	PP 61 58	SCS 69 08	
JUN	05	08			E 40 16			
JUN	05	12	E38 39					
JUN	05	20	I57 25.3					
JUN	05	20	I59 17.2					
JUN	06	02	E04 54					
JUN	06	05	I09 53.9		I 10 54			
JUN	06	07	CI54 07.7	60 30	*SP 55 18	*SPP 57 02	SS 64 06	
JUN	06	21	DI00 23.2	11 04	PP 04 05	S 11 36		
JUN	06	23	E20 43					
JUN	06	23	E49 44					
JUN	07	00	E12 28					
JUN	07	01	E13 36	24 18	PP 17 44	S 25 20	PS 27 02	
JUN	07	11	E56 52					
JUN	07	14	CI13 04.9	23 22	I 16 15	PP 17 02	PKKP 29 45	2.0
JUN	07	17	E44 38					
JUN	07	19	I24 00.3		SKP 26 47			
JUN	08	06	CI35 26.4		I 35 39			
JUN	08	17			E 54 00			
JUN	08	17	I59 31.2					
JUN	08	20	CI07 02.0	15 35	*PP 07 10			
JUN	08	21	I47 43.4					
JUN	08	22	E14 29		*PP 14 40			
JUN	09	00	I24 17.2		*PP 24 24			
JUN	09	02	DI08 12.2		I 08 23			
JUN	09	02	I23 54.0					
JUN	09	07	E03 49					
JUN	09	07	E21 06					
JUN	09	11	I33 28.5					

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1966	MTH	DY	HR	P/PKP M S	S/SKS M S	SUPP. 1 PHASE M S	SUPP. 2 PHASE M S	SUPP. 3 PHASE M S	LOG M S A/T	REMARKS
JUN 09	13			119 27.3		I 19 33				
JUN 09	15			150 25.0	59 25					
JUN 09	22			D128 37.8	38 50	I 28 50				
JUN 09	22			D132 44.6		PP 34 26			1.4	
JUN 10	04					E 36 04				
JUN 10	14			122 25.0						
JUN 10	19			D122 00.5		I 22 12				
JUN 10	21			E46 44						
JUN 10	22			C122 39.3		I 23 29				
JUN 10	22			D150 50.8		I 50 53	I 50 57		1.6	
JUN 10	23			E33 45	36 04	PP 33 53	I 36 44	I 37 15		
JUN 11	03			113 05.7	27 40	*PP 13 12				
JUN 11	05			123 10.0						
JUN 11	06			117 00.2		I 17 19	I 17 38	I 17 45		
JUN 11	10			126 58.7						
JUN 11	10			C126 59.1	31 11	I 27 32	PPP 27 59	PCP 30 48		
JUN 11	12			C110 18.5		PPP 11 16			1.5	
JUN 11	18			124 32.0		*PP 24 48	PCP 24 58			
JUN 11	22			137 28.8						
JUN 12	00			154 42.2						
JUN 12	03			E52 48						
JUN 12	04			E08 23						
JUN 12	20			C132 14.2						
JUN 13	01			111 26.2						
JUN 13	07			E52 31		PKS 56 22	PS 65 46			
JUN 13	11			135 15.8						
JUN 13	11			E50 18		E 50 27				
JUN 13	13			122 27.2	24 54	I 22 40				
JUN 13	14			117 20.0	21 08	I 17 44	LQ 22 17			
JUN 13	14			E50 19						
JUN 13	18			127 00.9	37 14	PKP 27 15	PP 28 15	*PPKP 28 35		
JUN 14	02			152 04.3		I 52 08	PP 53 10			
JUN 14	03			126 45.5						
JUN 14	09			127 06.3	27 40	PG 27 15	SG 27 49			
JUN 14	12			105 25.8						
JUN 14	16					PP 57 09	I 57 30			
JUN 14	21			115 11.7	24 38	I 16 40	*PP 16 45	PP 18 14		
JUN 15	01			118 33.3	25 55	PKP 18 44	PP 20 36	I 30 22		
JUN 15	01					E 51 15				
JUN 15	01			151 52.8		PKP 51 56	I 52 06	I 53 45		
JUN 15	02			D132 06.8		PCP 32 13				
JUN 15	03			122 30.4						
JUN 15	04			E02 53						
JUN 15	06			E24 36		I 24 45				
JUN 15	06			E32 47		I 33 05	I 34 42			
JUN 15	13			E02 05						
JUN 15	15			142 06.8						
JUN 15	16			155 23.2						
JUN 15	18			D114 18.3						
JUN 15	23			E02 32						
JUN 15	23			C136 33.7						
JUN 16	00			E22 45						
JUN 16	07					SG 48 29	I 48 37			
JUN 16	17			108 11.8	10 33	I 08 21				
JUN 17	08			159 37.0		I 59 45				
JUN 17	18			142 12.8		PCP 42 54				
JUN 17	23			104 21.7						
JUN 18	04			100 35.2						
JUN 18	19					SS 50 43	PKPSKS 60 00	LR 69 44		
JUN 19	00			117 45.5						

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1966	MTH	DY	HR	P/PKP M S	S/SKS M S	SUPP. 1 PHASE M S	SUPP. 2 PHASE M S	SUPP. 3 PHASE M S	LOG M S A/T	REMARKS
JUN 19	01			C105 10.8						
JUN 19	01			E16 08						
JUN 19	18			E00 50	05 19	I 09 41				
JUN 19	19			D139 34.7		*PP 39 51	PKPPKP 68 13			
JUN 19	19			142 16.8						
JUN 20	04			E22 08		*PP 22 15				
JUN 20	04			D142 40.0						
JUN 20	13			152 15.7						
JUN 20	14			C114 29.0		I 14 51				
JUN 20	20			116 22.5						
JUN 21	01			E02 15		LQ 35 40	LR 42 20	I 44 16		
JUN 21	04			102 41.2		I 02 45				
JUN 21	13			E16 48						
JUN 21	15			158 47.5						
JUN 21	18			124 05.7	34 29	*PP 24 24				
JUN 21	19			154 39.5						
JUN 21	23			D117 13.1	26 00	PCP 17 30				
JUN 22	00					SG 54 07				
JUN 22	11			108 25.0	10 51	I 08 36				
JUN 22	11			148 33.9		*PP 48 43				
JUN 22	19			101 27.0						
JUN 22	20			142 32.2	52 19	*PP 44 33	PP 47 26	*PPP 48 55		
JUN 23	05			D112 16.6		I 12 27	PCP 12 48	PP 14 50		
JUN 23	05			150 29.1						
JUN 23	09			148 47.1		I 48 53				
JUN 23	22			C103 24.4		*PP 03 40				
JUN 24	07			113 14.1						
JUN 24	08			C137 09.7		I 37 19	*PPKP 37 48			
JUN 24	14			106 12.5						
JUN 24	22			139 32.7		I 39 49				
JUN 25	01			C158 23.9		PCP 58 29	I 89 58			
JUN 25	10			E51 04						
JUN 25	11			159 28.5						
JUN 25	13					E 29 10				
JUN 25	16					I 20 41				
JUN 25	17			D136 58.8						
JUN 25	18			157 06.2						
JUN 25	21			142 49.5						
JUN 26	07			146 26.4						
JUN 26	11			106 36.3						
JUN 26	23			E41 26						
JUN 27	08			158 10.0						
JUN 27	10			C150 37.5	58 28	PP 52 25	SCS 60 05	SS 62 23	2.2	
JUN 27	10			D159 17.2		I 59 32				
JUN 27	11			D108 46.5	15 53					
JUN 27	11			C131 13.2		I 31 30				
JUN 27	14			105 21.4						
JUN 27	15					S* 01 59	SG 02 14			
JUN 27	22			D106 59.0						
JUN 28	00			C105 33.7						
JUN 28	01			118 33.2						
JUN 28	04			120 43.1						
JUN 28	04			138 04.9	47 46	PCP 38 23	PKKS 60 28	PKPPKP 64 55		
JUN 28	15			E53 09						
JUN 28	16			159 37.2						
JUN 28	22			E49 20		I 49 55				
JUN 29	00			154 16.6		I 54 21				
JUN 29	07			C105 18.1		PP 06 54	I 07 12	PCP 07 30		
JUN 29	20			E05 12		I 05 20				
JUN 29	22			106 01.3						

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1966	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS
MTH DY HR	M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T	
JUN 30 09	D109 45.9		PCP 10 13	PP 12 03			
JUN 30 12	E40 53	51 34	*PP 41 05	S 52 47			
JUN 30 15	E57 24						
JUN 30 16			I 22 24				
JUN 30 19	E20 50		I 21 19				
JUN 30 19	126 08.0						
JUN 30 20			SG 38 35				
JUN 30 21	138 06.0		PG 38 13	I 38 51			
JUN 30 22	C126 30.8		I 26 53	PCP 29 04			
JUL 01 06	C102 26.8	12 13	I 02 28	PCP 02 45	PP 05 29		
JUL 01 14			SG 00 10				
JUL 01 19	D116 10.2						
JUL 01 19	138 52.1						
JUL 01 20	129 49.8						
JUL 02 07	108 58.0						
JUL 03 04	E06 02		PCP 06 34				
JUL 03 04	E28 53						
JUL 04 03	C106 26.4		I 06 36	I 06 42		1.9	
JUL 04 03	125 12.0		I 25 22	I 26 04			
JUL 04 12	E22 00	27 16	PP 23 12	LR 31 12			
JUL 04 18	C144 31.7	53 28	I 44 33	P 44 35	PKPKP 72 55		
JUL 04 19	101 19.7						
JUL 04 19	110 05.6						
JUL 04 21	E12 55						
JUL 05 02	128 53.2						
JUL 05 02	132 31.0	41 30	P 32 38	P 32 44	P 32 47		
JUL 05 03	E41 34						
JUL 05 05	115 35.1	20 54	E 25 00	I 26 06			
JUL 05 10	111 37.0		I 11 45				
JUL 06 04	C129 18.7		I 29 22	I 29 40		1.2	
JUL 06 06	129 10.8						
JUL 06 09	145 39.0		E 45 46				
JUL 06 10	135 47.3						
JUL 06 12	C105 20.7		PP 07 00				
JUL 06 14	107 25.2		I 08 09				
JUL 06 20	D133 52.2		I 33 57				
JUL 06 23	C101 04.8		I 55 32				
JUL 06 23							
JUL 07 19	108 38.5						
JUL 07 23	141 27.3						
JUL 08 03	159 19.6		I 60 33				
JUL 09 08	111 34.0						
JUL 09 11	119 33.4						
JUL 09 14	132 54.9						
JUL 09 19	E31 07						
JUL 10 06	E55 29						
JUL 10 10			SKSP 34 02				
JUL 10 16	C124 49.2	34 55	*PP 25 01	PP 28 02	I 56 20	2.6	
JUL 10 19	E10 14		*PP 10 25				
JUL 10 22	116 25.1		I 16 52				
JUL 11 01			E 12 13	I 12 45	I 12 53		
JUL 11 21	139 20.3	40 30	PG 39 45	S* 40 47	SG 41 03		
JUL 11 23	105 18.2		PP 08 02	PKS 09 22			
JUL 12 00	110 10.9						
JUL 12 02			PG 43 49				
JUL 12 03	C102 04.1	06 40	PP 02 59				
JUL 12 03			I 19 55				
JUL 12 14	C112 27.5						
JUL 12 17			I 56 40				
JUL 12 18	D158 08.8	62 13	SS 63 07	I 65 02	I 65 27		

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1966	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS
MTH DY HR	M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T	
JUL 12 21	159 20.3						
JUL 13 06	D107 10.7						
JUL 13 07	105 21.5						
JUL 13 08	133 21.8						
JUL 13 10	C139 09.3	43 28		I 33 41			
JUL 14 06				I 01 06			
JUL 14 10	109 03.7						
JUL 14 12	128 35.7			LQ 44 14			
JUL 14 14	E48 14	49 27		*P* 48 25	PG 48 42	SG 50 01	
JUL 14 18	C117 43.0			*PP 17 54			
JUL 14 18	119 25.5						
JUL 15 04		31 53					
JUL 15 14				I 07 56			
JUL 16 12	128 50.6						
JUL 17 23	100 39.4	02 51					
JUL 18 02	105 29.7						
JUL 18 04	D150 47.2			I 51 05			1.5
JUL 18 10	109 04.5						
JUL 19 00	E25 29			I 25 32			
JUL 19 01	151 10.3	59 38		I 51 13	I 51 26	PPP 55 02	
JUL 19 03	136 54.5						
JUL 19 06	133 42.9						
JUL 19 14				I 34 14			
JUL 19 19	C131 26.7	40 23		*PP 31 40	SCS 41 13	SS 45 15	
JUL 20 10	C121 11.5			I 21 23			
JUL 20 11	133 01.9						
JUL 21 03				PKP2 53 51			
JUL 21 04	C105 18.7			I 05 24	PN 06 40		
JUL 21 06				PKP2 10 57			
JUL 21 09	113 20.2						
JUL 21 12				SG 23 44			
JUL 21 13	E44 06			I 45 23			
JUL 21 18	148 20.4			I 48 30	SKP 51 09	SS 68 38	
JUL 22 03	D148 21.8			I 48 25	PCP 49 57	PP 50 12	
JUL 22 08	144 46.1			*PPKP 45 36	I 46 05		
JUL 22 10	C128 15.3	37 15		PCP 28 39	PP 30 47	SCS 38 06	
JUL 22 17				I 28 43			
JUL 23 03	148 49.6						
JUL 23 08				I 37 08	*PP 37 15	I 37 40	
JUL 23 14	142 45.1			PCP 43 07			
JUL 23 17	C152 50.0						
JUL 23 20	122 54.2						
JUL 24 01	132 44.3						
JUL 24 03	E00 08						
JUL 24 06	149 07.2			I 49 18			
JUL 24 17	137 33.7						
JUL 25 09	129 30.2			I 29 36			
JUL 25 11	C111 03.4						1.3
JUL 25 11	152 25.8						
JUL 26 03	158 42.5			*PP 58 50			
JUL 26 06	E02 48						
JUL 26 12	C157 55.0						
JUL 26 15	123 33.2						
JUL 26 22	D159 10.7			I 59 14			
JUL 27 07	127 16.1						
JUL 27 14	156 14.9	62 22		PP 57 46	SS 64 52	I 72 20	
JUL 27 15	137 38.9						
JUL 27 18				I 13 14			
JUL 27 18	113 44.2			I 15 30			
JUL 27 19	D147 20.5						

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1966		P/PKP	S/SKS	SUPP. 1		SUPP. 2		SUPP. 3		LOG	REMARKS	
MTH	DY	HR	M	S	PHASE	M	S	PHASE	M	S	A/T	
JUL	27	20	137	08.3			39 29					
JUL	27	21	117	19.9								
JUL	28	02	E03	20								
JUL	28	12	C127	30.0								
JUL	28	23	141	01.2								
JUL	29	04	146	11.0								
JUL	29	06	137	30.0								
JUL	29	07	D119	11.2		I 19 14		PCP 19 38			1.6	
JUL	29	08	128	40.0		PP 30 13						
JUL	29	12	105	11.1								
JUL	29	15				I 05 36		I 06 00				
JUL	29	19	D159	09.1								
JUL	29	22	D119	38.2		*PP 19 48						
JUL	30	05	D116	06.8								
JUL	30	05	123	40.3								
JUL	30	17	D135	50.5								
JUL	30	17	152	38.7								
JUL	31	03	D134	03.0		I 34 05		PN 34 27				
JUL	31	04	127	53.0								
JUL	31	15	127	37.6								
JUL	31	18				I 53 10		I 53 19				
JUL	31	23	D137	04.4		I 37 15						
AUG	01	03	D141	54.8								
AUG	01	03	D158	12.0								
AUG	01	06	C136	49.5		I 37 00						
AUG	01	12	102	35.4								
AUG	02	11				I 51 51		E 52 14		I 53 07		
AUG	02	19	100	10.6								
AUG	03	04	136	49.5								
AUG	03	12	D130	38.2								
AUG	03	19	113	08.6		*PP 13 19						
AUG	03	22	D121	27.1		I 21 52					1.3	
AUG	04	22	138	08.7		*PP 38 26						
AUG	05	01	D112	09.6			19 32					
AUG	05	04	105	18.9		PN 06 44		PP 06 53				
AUG	05	04	C136	32.7		*PP 37 28						
AUG	05	04	152	00.2		I 52 20					1.3	
AUG	05	17	C152	08.8								
AUG	05	20	C111	36.0								
AUG	06	02	D135	32.2		39 16		I 35 38		I 35 42	I 41 50	1.8
AUG	06	05				I 13 19						
AUG	06	05	C156	24.2		I 58 45		I 62 50		PCS 64 38		
AUG	06	08	C133	11.2								
AUG	06	18	110	40.9								
AUG	06	18	134	04.6		I 34 08						
AUG	06	18	137	47.1		I 37 52						
AUG	06	18	139	56.4								
AUG	06	19	144	27.7								
AUG	06	20	115	24.2		17 49						
AUG	06	20	D130	35.3		I 30 54						
AUG	06	21	115	22.7		I 15 25		I 15 37				
AUG	07	02	D124	06.8		PP 26 39		SS 37 30		PKPPK 52 20		
AUG	07	05	D133	38.2		33 07						
AUG	07	05	D133	38.2		35 59						
AUG	07	10	136	57.2		*PP 37 10						
AUG	07	14	100	36.0								
AUG	07	14	121	47.8		29 38						
AUG	07	14	136	13.2								
AUG	07	17	E48	19		58 20		I 48 39		SS 63 08	PKKP 67 26	
AUG	07	20	129	46.2		I 29 51		I 30 10				
AUG	08	00	148	52.2								

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1966		P/PKP	S/SKS	SUPP. 1		SUPP. 2		SUPP. 3		LOG	REMARKS	
MTH	DY	HR	M	S	PHASE	M	S	PHASE	M	S	A/T	
AUG	08	02	E08	32								
AUG	08	05	D132	02.3				I 32 17				
AUG	08	08	115	26.0		25 04		PP 18 46			1.4	
AUG	08	11	148	26.3								
AUG	08	12	E54	26								
AUG	09	00	D127	09.3				I 27 14				
AUG	09	01	110	02.0				I 10 07				
AUG	09	03	139	03.0		43 01		I 39 08		PP 39 37		
AUG	09	11	E25	09								
AUG	09	17	E41	02								
AUG	10	03	131	54.8								
AUG	10	05	120	18.9				PKP 20 26		*PPKP 20 53	SKP 23 53	
AUG	10	15	C128	08.5				I 28 45				
AUG	10	22	C113	30.8				PN 14 36		PP 15 12		
AUG	11	00	D128	54.0								
AUG	11	04	139	22.9								
AUG	11	05	E32	05								
AUG	11	10	156	45.3								
AUG	11	23	145	04.2								
AUG	12	04	C119	00.9				I 19 08				
AUG	12	13						I 44 42		SG 47 19		
AUG	12	14	157	20.3								
AUG	12	16	111	53.5				I 11 58				
AUG	12	19	E33	35								
AUG	15	13	D146	13.8		54 10		*PP 46 18		SCS 56 10		
AUG	16	02	D124	12.2		30 43		PP 25 57		E 31 46	SS 34 03	
AUG	16	02	C150	49.2							1.3	
AUG	16	03	D134	28.0								
AUG	16	03	158	31.2		62 38						
AUG	16	15	113	14.4								
AUG	16	18	106	59.0								
AUG	16	18	C114	02.4		23 30		PCP 14 20				
AUG	16	22	120	47.7				I 20 56				
AUG	17	05	148	44.0								
AUG	17	17	149	17.0								
AUG	17	21	C109	24.0		18 28		*PP 09 36		PCP 09 59		
AUG	18	06	D148	56.3				*PP 49 07				
AUG	18	10	145	37.4		56 08		*PP 45 55		LQ 68 27		
AUG	18	14	147	47.2		58 24		I 47 57		PS 61 16		1.4
AUG	18	14	151	21.9				I 52 04				
AUG	18	17	111	01.7								
AUG	18	22	E14	32								
AUG	19	03	D119	57.0				I 20 04				
AUG	19	04	100	17.9								
AUG	19	12	D128	07.8		33 20		*PP 28 16		PP 29 09		
AUG	19	12	C158	03.0				I 58 13				
AUG	19	13	100	25.2								
AUG	19	13	121	06.8				I 21 22				
AUG	19	14	C100	25.2								
AUG	19	14	109	55.3								
AUG	19	14	123	53.0				I 24 33				
AUG	19	18	E47	15				E 47 58				
AUG	20	07	156	24.0				*PP 56 51				
AUG	20	08	C139	30.6				I 39 56				
AUG	20	09	E43	17		52 03		*SS 53 02		SS 56 58	LQ 60 44	
AUG	20	09	C145	34.9								
AUG	20	12	C105	05.7				I 05 09		PP 06 00		
AUG	20	12	C109	44.5								
AUG	20	16	C109	49.1								
AUG	20	19	C112	48.2				I 12 51				

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1966	MTH	DY	HR	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS			
				M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T				
AUG 20	23			114 26.8			I 14 37						
AUG 21	00			121 00.7									
AUG 21	01			135 49.4	40 00		I 35 57	LR 42 26					
AUG 21	05			113 39.8	24 14		*PP 13 52	S 24 53					
AUG 21	11			E55 08									
AUG 21	20			C137 35.1			I 37 39	I 37 45				1.3	
AUG 22	14			D130 46.9			*PP 32 51						
AUG 22	16			E02 54			I 03 08						
AUG 22	17				27 02		PS 30 06	SS 36 09					
AUG 22	18			101 28.7			PP 04 27	PKS 05 11					
AUG 22	21			D137 21.1									
AUG 22	21			152 39.3	54 55		SS 55 11						
AUG 23	05			C158 01.6									
AUG 23	18			C134 20.4	44 28		I 34 27						
AUG 23	19			124 06.8									
AUG 24	02			110 50.0									
AUG 24	02			155 09.0									
AUG 24	06			159 57.9									
AUG 26	01			111 23.9			*PPKP 11 45						
AUG 26	04			E38 42									
AUG 27	13			C110 10.9			PCP 10 43						
AUG 27	17			123 38.5									
AUG 28	04			D120 58.3			I 21 02						
AUG 28	04			D122 37.8									
AUG 28	07			149 11.7			PKP 49 19	PKP2 49 32					
AUG 28	10			C120 51.9			PKKP 31 15					1.5	
AUG 28	10			150 56.6			*PP 51 36	*SP 51 58				1.4	
AUG 28	12			E45 32									
AUG 28	13			140 02.2			I 40 07						
AUG 28	13			140 14.8									
AUG 28	15			147 51.8									
AUG 28	20			D115 10.2									
AUG 28	22			E44 37									
AUG 29	13			139 16.3			*PP 39 30						
AUG 29	22			140 43.0			*PP 40 52						
AUG 30	06			D119 12.6			I 19 21						
AUG 30	08			155 51.5									
AUG 30	12			121 17.5									
AUG 30	12			153 07.3	63 37		I 53 23						
AUG 30	20			D130 35.8	38 27		*PP 30 45	LQ 44 43				1.7	
AUG 30	20			C133 04.0									
AUG 30	23				00 42		SS 06 23	PCPPKP 12 50				LQ 13 56	
AUG 31	01			C127 07.0									
AUG 31	09			D157 47.8			I 58 04						
AUG 31	13			D125 29.6			I 25 39						
AUG 31	15			D154 46.2									
AUG 31	17			D149 50.2			I 50 14						
AUG 31	18			118 26.3	20 52		I 18 36	PP 18 46				I 21 22	
SEP 01	01			141 19.2			I 41 28	I 42 03				I 43 43	
SEP 01	02			E44 47									
SEP 01	03			E03 10	05 30		*PP 03 18						
SEP 01	12			140 46.0									
SEP 01	14			C128 17.4									
SEP 01	14			D128 18.1	32 43		PP 29 08	SCS 34 03					
SEP 01	19			C120 48.3	23 18								
SEP 01	21			C114 31.1									
SEP 01	21			132 30.2	36 33								
SEP 01	21			135 56.6			I 36 01						
SEP 01	23			128 47.1			I 28 58	I 29 15					
SEP 02	01			105 40.0			*PP 05 51					1.3	

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1966	MTH	DY	HR	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS			
				M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T				
SEP 02	02			D109 25.8									
SEP 02	08						E 25 25	I 32 47					
SEP 02	11			D121 00.3								1.4	
SEP 02	14			E29 19									
SEP 02	18			C129 40.6									
SEP 03	08			C122 44.4			I 22 49						
SEP 04	08			D140 59.0	41 36		I 41 02	P* 41 05	S* 41 42				
SEP 04	13						I 10 02						
SEP 04	16			109 34.2			I 10 08						
SEP 04	22						E 14 39						
SEP 04	22			C127 20.0			I 27 28						
SEP 05	00			E27 05									
SEP 05	08			C159 08.2									
SEP 05	18			117 40.3									
SEP 05	22			139 23.5									
SEP 06	08			E06 51			E 06 55	E 07 11					
SEP 06	12			137 18.3			I 37 21	I 37 28					
SEP 06	19			125 59.0									
SEP 07	03			159 17.2									
SEP 07	10			C105 32.7	07 11		SG 08 04						
SEP 07	15						I 09 57						
SEP 08	09			D105 14.1									
SEP 08	12			D126 02.8			*PP 26 50						
SEP 08	21			D129 32.0	40 09		PP 33 38	PPP 35 56					
SEP 08	21			C136 41.0									
SEP 08	22			106 42.8									
SEP 08	22			C142 30.8									
SEP 09	18			151 48.0									
SEP 09	20						I 51 44						
SEP 10	02			C138 01.5									
SEP 10	11			100 43.5			I 00 52						
SEP 10	17			150 27.7									
SEP 10	22			E09 42									
SEP 11	17			C150 03.0	60 03		*PP 50 44	*SP 51 05	E 60 56				
SEP 12	11			148 57.4			I 49 06	PP 51 57	PKS 52 44				
SEP 12	16			E52 27	61 57		I 52 42	E 70 01					
SEP 13	01			110 09.2									
SEP 14	23			E34 20	44 50		PKP 37 40	I 39 27	I 40 58				
SEP 15	12						I 21 02						
SEP 15	17			C122 49.8	32 53		I 22 56						
SEP 16	02			C159 00.2			PCP 59 27						
SEP 17	20			137 04.3									
SEP 18	05			C133 35.0			*PP 33 54						
SEP 18	14			E27 13			I 27 21						
SEP 18	20			C152 01.1	58 35		*PP 52 06	PP 53 51	SCS 61 59				
SEP 19	04			D134 54.3									
SEP 19	05			D104 30.8								1.2	
SEP 19	05			114 49.3									
SEP 19	07			D120 33.8									
SEP 20	20			D143 46.8									
SEP 22	00			D114 56.0									
SEP 22	04			C126 56.8									
SEP 22	20			C119 40.9									
SEP 23	01			C140 54.6									
SEP 23	02			C117 27.1									
SEP 23	18						I 44 52						
SEP 23	23			E53 02			I 53 05						
SEP 24	10			C108 57.8			*PP 09 08	PP 10 43	PPP 10 57	1.7			
SEP 24	20			D126 26.1									
SEP 25	06			D114 53.2	25 28		I 15 15	E 38 54					

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1966	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS
MTH DY	HR M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T	
SEP 25	06 DI21 54.3		I 22 06				
SEP 25	20 DI30 09.8						
SEP 26	00 DI00 37.4						
SEP 26	05 DI21 18.8	29 54	*PP 21 27	PCP 21 49	I 43 22		
SEP 28	00 DI59 20.0						
SEP 28	14 CI11 07.9	20 04	I 11 09	*PP 11 18	PCP 11 36		
SEP 30	06 CI07 21.7		I 08 39				
OCT 01	07 DI46 51.0						
OCT 02	02 I35 22.2						
OCT 02	07 CI34 30.0	43 48	I 34 33	*PP 34 47	SS 48 24		
OCT 06	13 I47 34.3						
OCT 06	13 I59 12.5						
OCT 07	04 DI41 56.5						
OCT 07	16 DI14 08.1	20 40	PKP 14 15	SKP 17 08	SKKS 23 48		
OCT 07	21 CI05 35.0		PCP 06 20				
OCT 08	06 E05 14		S* 06 36				
OCT 08	12 DI13 46.9						
OCT 08	17 E54 51						
OCT 08	19 CI51 00.9						
OCT 09	06 CI57 40.2	64 56	I 57 43	SS 68 31	LR 71 24		
OCT 11	06 I44 49.6	51 58	I 44 55	*PPKP 45 03	PKS 47 50		
OCT 11	12 DI18 54.1						
OCT 11	18 E09 39						
OCT 11	21 I00 28		PKP2 00 34				
OCT 12	04 E42 02	49 18	E 42 02	PKP2 42 13			
OCT 12	07 I43 04.8		*PP 43 16				
OCT 13	15 I58 23.0						
OCT 14	01 I13 56.8	21 44	I 14 00	SS 25 06	LR 31 36	1.4	
OCT 14	01 E20 18		I 20 21				
OCT 14	11 E12 10		E 12 10				
OCT 15	07 CI03 18.1		I 03 21	PP 03 44			
OCT 15	18 CI11 15.7		*PP 11 27				
OCT 16	09 E25 44						
OCT 16	09 I35 17.2						
OCT 16	13 I14 10.4						
OCT 17	10 PK38 02		PKPSKS 58 46				
OCT 17	18 E38 25						
OCT 17	21 E55 35	65 54	I 56 04	PP 59 43	PPS 68 56		
OCT 18	04 E21 39						
OCT 18	12 S* 36 03		SG 36 11				
OCT 18	18 I56 18		I 56 18				
OCT 18	20 DI45 17.0						
OCT 19	04 CI05 18.5		PN 06 31	PP 06 41		2.2	
OCT 19	06 DI42 56.4						
OCT 19	08 DI12 16.0	20 55	I 12 31	PCP 12 41	PP 14 50	2.2	
OCT 19	11 DI40 56.2						
OCT 19	19 DI36 18.4					1.3	
OCT 19	19 DI57 22.2						
OCT 19	19 DI47 03.8		*PP 47 15			1.5	
OCT 19	20 CI46 19.6					1.3	
OCT 20	01 DI02 35.3	10 28	I 02 41	I 20 32			
OCT 20	05 DI03 05.1						
OCT 20	13 DI54 46.9						
OCT 21	02 I08 10.3						
OCT 21	05 E07 52						
OCT 21	11 DI55 10.0						
OCT 21	16 I21 59.2		I 22 02				
OCT 21	20 E58 11		E 58 11				
OCT 22	03 I14 10.5		*PP 14 35				
OCT 22	05 I43 02.8						

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1966	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS
MTH DY	HR M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T	
OCT 22	11 E33 17						
OCT 22	12 CI57 32.6		*PP 57 49	PCP 58 10		1.6	
OCT 23	00 DI08 44.0						
OCT 23	07 CI20 01.0	28 54	*PP 20 15	E 43 40	E 47 56	1.8	
OCT 23	07 CI21 07.0		I 21 17				
OCT 23	07 DI25 43.5						
OCT 23	12 DI25 58.0						
OCT 24	14 E04 07						
OCT 24	14 CI17 06.9						
OCT 24	14 DI38 36.8		PP 39 57	PCP 41 08	E 52 38		
OCT 24	15 CI10 56.3						
OCT 24	15 E57 08						
OCT 24	18 CI57 58.6						
OCT 25	10 CI15 45.0		I 15 53	LQ 27 15	E 33 39		
OCT 25	10 E20 02		I 20 11				
OCT 25	18 CI15 42.6		PP 16 02				
OCT 26	05 DI34 03.8						
OCT 27	14 CI33 59.9		*PP 34 10	I 34 25	PP 37 30	1.8	
OCT 27	18 CI01 51.0						
OCT 27	23 CI57 54.4		PCP 58 17			1.9	
OCT 28	13 CI32 04.1					1.5	
OCT 28	15 E47 22		E 47 22				
OCT 28	16 E21 37		E 21 37				
OCT 28	17 DI45 48.0		*PP 45 59			1.3	
OCT 28	22 I31 07.5						
OCT 29	00 DI56 20.2		*PP 56 32			1.5	
OCT 29	02 DI44 32.1	48 22	I 44 44	PP 45 12	PPP 45 27		
OCT 29	06 DI41 36.6						
OCT 29	09 E08 23		I 08 45				
OCT 29	12 I18 56.0						
OCT 29	14 DI43 54.2		I 43 57	*PP 44 04		1.5	
OCT 29	14 DI54 57.0		E 73 56				
OCT 29	17 E56 05						
OCT 30	02 E15 19		I 15 26				
OCT 30	05 I16 21.4						
OCT 30	17 E45 37						
OCT 30	22 E42 08						
NOV 01	07 CI11 54.2		I 11 59	*PP 12 26			
NOV 01	22 CI28 04.0						
NOV 02	01 E07 10						
NOV 02	12 CI02 27.2						
NOV 02	17 DI36 53.2		PCP 37 14				
NOV 03	03 E48 09		I 48 12				
NOV 03	11 I48 19.5						
NOV 03	16 DI35 30.7	44 34	I 35 35	PCP 35 50	I 35 54		
NOV 04	16 DI01 34.3		I 01 46				
NOV 05	19 E02 51						
NOV 06	04 DI01 12.9						
NOV 06	15 DI07 02.9	07 35	PG 07 14	I 07 19	S* 07 39		
NOV 06	18 E56 11						
NOV 07	04 E17 16						
NOV 08	01 CI15 42.5	16 11	P* 15 44				
NOV 08	03 DI21 06.1						
NOV 09	01 DI45 21.3						
NOV 09	12 SG 28 04						
NOV 09	15 CI17 26.1		I 17 33				
NOV 09	17 I04 48.0	05 20	P* 04 51	PG 05 06	SG 05 30		
NOV 11	15 DI41 54.8		*PP 42 06				
NOV 11	16 CI14 05.9		I 14 07				
NOV 12	13 CI00 57.1	10 32	I 01 01	*PP 01 08	PP 03 31	2.3	

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1966	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS
MTH DY	HR	M S	PHASE M S	PHASE M S	PHASE M S	A/T	
NOV 12	17	D144 58.8					
NOV 12	19	E04 10	11 48	I 04 13	I 04 15	PKS 07 47	
NOV 12	23	E16 13		*PP 16 23	PCP 16 32		
NOV 13	03	D102 38.0		*PP 02 58	PCP 03 05		
NOV 13	03	D107 43.6		PCP 08 01			
NOV 14	03	120 59.4					
NOV 15	00	C119 00.9					
NOV 15	16	E30 03					
NOV 16	12			I 14 42	I 15 26		
NOV 16	20	C155 02.0		*PP 55 15			
NOV 16	23			I 15 02			
NOV 17	19	C138 08.1					
NOV 18	12			I 19 52			
NOV 18	18	110 52.2					
NOV 18	18	151 36.1	54 01	I 51 42			
NOV 19	05	C131 23.9		I 31 25	*PP 31 39	PP 34 10	
NOV 19	07	D118 21.1		PP 19 20	LR 25 34		
NOV 19	07	C142 33.0		I 42 45	PCP 42 47		
NOV 19	07	D153 43.9					
NOV 20	22	D153 05.9					
NOV 21	11	E24 27					
NOV 21	12	C130 25.1		PCP 30 48		1.9	
NOV 21	19	C129 38.4					
NOV 22	06	C139 51.5	48 04	*PP 41 31	PP 42 41	I 43 33	
NOV 22	16	E05 44					
NOV 23	02	D138 21.4		I 38 25	PKS 41 42	I 42 06	
NOV 24	07	D103 55.6					
NOV 24	07	C151 38.4		I 51 44			
NOV 24	10	E18 24					
NOV 24	12			E 19 24			
NOV 24	13	C117 50.3					
NOV 24	20	D120 02.9					
NOV 25	12			E 56 39			
NOV 26	03			E 27 54			
NOV 26	05	136 51.6		I 37 13			
NOV 27	12	D158 55.6					
NOV 27	20	C117 05.1		I 17 10	PP 17 25		
NOV 28	11	D159 53.3					
NOV 29	14	119 21.7					
NOV 29	17	D127 47.2					
NOV 29	22	C136 22.8		PKS 39 34			
NOV 30	00	D142 38.2					
NOV 30	13		06 03				
DEC 01	04	E39 13					
DEC 01	05	E15 44	22 48	PKP 15 51	PP 18 11	PKS 19 19	
DEC 01	19	D107 14.6		I 07 19	PP 09 49		
DEC 02	03	C115 54.0		I 15 58	I 30 28		
DEC 03	14	C131 59.1				2.1	
DEC 03	15			E 38 30			
DEC 06	02	D138 55.8					
DEC 06	07	D129 28.3					
DEC 07	17	D128 54.2	38 22	P 29 01	P 29 13	PCP 29 15	
DEC 08	00	D105 28.1					
DEC 08	02	E15 59					
DEC 08	11	C135 45.1		I 35 50	*PP 35 54	I 42 25	
DEC 08	14	C117 04.1					
DEC 09	04	C119 50.0					
DEC 09	16	D154 49.9		I 55 06			
DEC 10	13	D118 56.0	29 27	SS 34 18	PKKP 36 02		
DEC 10	17	C113 51.0	18 15	*PP 13 57	PP 14 29	SS 18 44	

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1966	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS
MTH DY	HR	M S	PHASE M S	PHASE M S	PHASE M S	A/T	
DEC 11	19	D158 40.0					
DEC 13	12	C129 00.5		*PP 29 29	*SP 29 48	PP 30 42	
DEC 14	03	E54 24					
DEC 14	11	D115 57.2					
DEC 14	11	C135 11.9					
DEC 14	14	C153 58.0		I 54 00	PP 54 17	PPP 54 37	
DEC 14	21	C126 23.0	33 12	PP 27 38	SKKS 34 02	PPS 37 04	
DEC 15	02	D118 56.1					
DEC 16	21	C101 47.0	09 40	*PP 01 53	PCP 02 47	PP 03 48	
DEC 17	06	D102 27.2	05 15				
DEC 18	05	C105 16.0		PP 06 39			
DEC 18	07	E48 08					
DEC 20	00	C135 33.1					
DEC 20	01	C106 58.2					
DEC 20	12	E40 03	49 50	PP 44 28	PS 53 44	PKKP 56 36	
DEC 20	13			I 04 42			
DEC 20	13	C120 22.0		*PP 20 33			
DEC 20	15	C141 30.5		PCP 41 48			
DEC 20	18	E52 26	63 00	I 52 46	PPS 64 44		
DEC 21	22	D120 31.0					
DEC 22	17	D137 38.0					
DEC 22	19	D134 50.9					
DEC 23	16	D109 03.1	15 58	I 09 24	SKKS 17 20	PS 19 54	
DEC 24	06	D113 36.3		I 13 52			
DEC 24	22	C138 48.0					
DEC 25	23	C114 11.9					
DEC 26	01	C135 58.3					
DEC 27	01	D133 48.3		*PP 34 05			
DEC 27	14	E06 12					
DEC 28	08	E32 31					
DEC 29	06	C134 04.2		I 34 06			
DEC 29	21	D144 04.4					
DEC 29	22			SS 56 10	PKPSKS 61 00		
DEC 30	04	D150 37.0					
DEC 31	00			E 37 51	I 38 32		
DEC 31	18	E39 20		PKP 42 05	I 42 24	PP 44 34	
DEC 31	19	C112 14.6					
DEC 31	19	E57 32					
DEC 31	22	E34 15		I 34 35	I 34 56		

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1967	MTH	DY	HR	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS	
				M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T		
JAN 01	07			E25 05						15.3S 173.6W	
JAN 01	16			E05 01						42.6N 147.5E	
JAN 02	08			C125 41.0		I 25 54				32.2N 22.7E	
JAN 02	09			D159 17.6						10.2S 28.5E	
JAN 02	13			D157 37.7		I 57 57				30.6N 50.4E	
JAN 02	20			E19 01		PP 21 24	PKS 22 31	SS 28 24		12.3S 166.4E	
JAN 03	05					PP 56 57	PKS 58 22	SS 74 12		10.9S 165.5E	
JAN 04	03			E53 51		*PP 54 03				20.3N 120.0E	
JAN 04	04					SG 48 39				68.0N 21.2E	
JAN 04	06			C104 05.9	08 28	I 04 07	PP 04 46	PCP 07 50		38.6N 22.1E	
JAN 04	07			E15 26						38.2N 22.1E	
JAN 04	11					I 37 52				23.4N 93.9E	
JAN 04	15			C100 07.1						52.0N 175.1E	
JAN 04	18			111 59.0						33.6N 135.8E	
JAN 04	20			C127 18.0		I 27 21	I 27 25	*PP 27 36		10.7N 62.5W	
JAN 05	00			C123 35.2	31 00	I 23 39	PP 25 39	SS 33 58		48.1N 102.8E	
JAN 05	00			C151 06.6						48.4N 103.1E	
JAN 05	05			106 33.9							
JAN 05	06			D125 59.9						13.8N 120.7E	
JAN 05	10			D115 59.9		PP 17 48	SS 25 36	I 30 28		39.4N 72.9E	
JAN 05	17			E05 10						39.3N 21.7E	
JAN 05	22			D149 22.6							
JAN 06	00			C107 16.8						48.1N 102.9E	
JAN 06	00			C115 14.6	24 50	*PP 15 26	I 15 38	SS 29 22		41.8N 143.3E	
JAN 06	00					I 21 50					
JAN 06	00					PCP 34 16				44.9N 111.0W	
JAN 07	00			E46 44		PKS 50 20	SKKS 56 30	SCSPKP 61 46		48.8S 112.7E	
JAN 07	13			D112 40.1						48.2N 102.8E	
JAN 07	13			C148 22.0						11.8N 142.7E	
JAN 07	17			E00 08						11.9S 166.1E	
JAN 07	18					E 19 44					
JAN 08	05			C113 05.1		I 35 50	I 39 16			56.0N 162.9E	
JAN 08	06			D153 44.6						56.1N 162.8E	
JAN 08	08			E42 13		I 68 36	PKPPKP 71 08			56.2N 162.7E	
JAN 09	02			C103 22.5		I 03 24	I 03 46	PP 05 07		27.7N 54.5E	
JAN 09	18			E20 57	31 30	PPS 32 42				5.1N 77.6W	
JAN 11	11			D127 36.0		I 27 40	I 28 48	SS 34 46		34.1N 45.7E	
JAN 11	16			E20 54						5.3N 82.5W	
JAN 12	09					SG 39 49				NORDLAND	
JAN 12	18			E22 29						28.0N 54.5E	
JAN 14	11			E07 18						39.1N 70.6E	
JAN 14	12			D115 38.0		*PP 15 49				52.1N 175.4E	
JAN 14	15			D137 15.4		*PP 37 26	I 37 32			44.6N 81.5E	
JAN 15	00			E10 56						29.7N 51.3E	
JAN 15	05			C155 18.4						37.5N 134.8E	
JAN 15	09			C126 39.1						56.5N 153.2W	
JAN 15	20			D107 19.9		I 07 23	I 07 41	SS 18 02		55.7N 110.7E	
JAN 16	03			E43 46						36.2N 138.2E	
JAN 17	00			144 01.0						43.1N 147.5E	
JAN 17	01			E36 21	44 01	PKS 39 37				14.7N 167.2E	
JAN 17	11			E10 30						30.6S 177.8W	
JAN 17	12			C110 59.8	20 50	*PP 11 13	PP 13 41	SS 25 32	2.0	38.3N 142.1E	
JAN 17	12			D137 50.2		*PP 38 00				38.3N 142.1E	
JAN 17	12			C152 23.0						43.2N 147.2E	
JAN 18	04			D131 40.9						48.9N 154.9E	
JAN 18	05			C143 32.7	50 20	I 43 36	PP 45 31	SS 54 52		56.6N 120.8E	
JAN 18	08			D129 11.7		I 29 14	PCP 29 39			52.5N 168.3W	
JAN 18	08			D140 09.4	48 52	PCP 40 28	SS 54 04		1.6	42.0N 142.4E	
JAN 18	10			E51 40						60.4N 152.5W	
JAN 18	15			C138 45.0						47.3N 169.8E	

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1967	MTH	DY	HR	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS	
				M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T		
JAN 18	21			C158 21.1		I 58 27	PCP 59 39			48.1N 102.9E	
JAN 19	12			E57 19		PP 59 34				11.8S 166.4E	
JAN 19	14			C152 25.0						52.4N 169.6W	
JAN 19	16			C156 32.2						NEVADA	
JAN 20	02			D106 18.1		I 06 20	PCP 07 40	PP 08 17		48.0N 102.9E	
JAN 20	03			D136 10.0		I 36 13				48.0N 103.0E	
JAN 20	03			D137 42.0		I 37 44				47.8N 102.8E	
JAN 20	05			C125 07.9						32.3N 69.8E	
JAN 20	06			D132 12.6		I 32 14				47.9N 103.1E	
JAN 20	19			D136 24.0							
JAN 20	21			C128 36.0						48.0N 103.2E	
JAN 21	00			D150 27.9		I 50 30				48.1N 102.9E	
JAN 21	03			E13 40		I 13 47	PKP2 13 56			49.8S 114.8W	
JAN 21	13			E43 58						3.3N 97.3E	
JAN 21	14			D107 54.6		*PPKP 08 11				30.7S 178.2W	
JAN 22	10			C140 43.1						53.5N 165.3W	
JAN 22	12			D110 44.8						48.1N 102.9E	
JAN 22	12			C121 53.9						8.8N 93.7E	
JAN 22	12			D124 58.1		I 25 01				48.0N 102.9E	
JAN 23	20					E 38 21				19.9N 109.3W	
JAN 23	20			C158 39.3		E 58 48				1.6S 15.6W	
JAN 24	03			D116 46.7		*PP 17 06	PCP 17 08			41.4N 141.9E	
JAN 24	04			D159 38.4						44.6N 142.2E	
JAN 24	09			C139 59.0	48 48	I 40 12	I 40 16	PCP 40 30		0.6S 21.0I	
JAN 24	14			E55 55						30.1N 104.1E	
JAN 24	20					E 34 46	SG 36 57			70.5N 13.5E	
JAN 25	01			C158 05.9	64 20	PP 59 40	SS 67 36	I 69 40		36.6N 71.6E	
JAN 25	21			121 15.5						51.8N 174.5E	
JAN 26	06			E17 06						21.4N 108.9W	
JAN 26	16			E17 18						34.6N 10.4E	
JAN 26	16			C122 58.0						15.0N 92.8W	
JAN 26	20			E31 01							
JAN 27	08			C122 27.9						0.9N 28.1W	
JAN 28	01			E52 17						24.8N 121.8E	
JAN 28	14			C103 47.2	13 12	PCP 04 15	PP 06 07		2.1	52.4N 169.5W	
JAN 28	14			C116 46.8						52.3N 169.5W	
JAN 28	14			C117 46.0						ALEUTIAN ISL	
JAN 28	14			C134 15.6						52.4N 169.4W	
JAN 28	14			E41 14						52.5N 169.4W	
JAN 28	14			E52 13						52.4N 169.5W	
JAN 28	16			D142 12.3						52.3N 169.3W	
JAN 28	17			D130 23.0						52.3N 169.5W	
JAN 28	17			E37 22						52.3N 169.4W	
JAN 28	17			D152 50.9		I 52 52				52.4N 169.4W	
JAN 28	22			C138 08.9						55.0N 160.2E	
JAN 29	00			I15 22.6	17 58	I 18 52	I 19 27	I 19 51		47.9N 14.3E	
JAN 29	04			D102 16.9		PP 03 57				26.5N 55.3E	
JAN 29	07			C110 31.9						48.0N 103.1E	
JAN 29	07			E14 16						26.7N 55.3E	
JAN 29	07			E21 28						IRAN	
JAN 29	07			C121 55.0		PP 23 44				IRAN	
JAN 29	08			C104 56.5	11 24	I 05 04	PP 06 48	SS 15 04		26.5N 55.2E	
JAN 30	01			C126 26.1	31 48	I 26 28	PP 27 27	SS 33 18		41.0N 44.2E	
JAN 30	04			109 17.9						KAZAKH USSR	
JAN 30	07			D119 55.1						25.7N 90.4E	
JAN 30	10			E51 22						34.4N 138.7E	
JAN 30	21			D116 09.2		PCP 16 43				26.2N 96.2E	
JAN 31	03			D144 32.8						47.9N 102.8E	
JAN 31	17			D155 05.0		*PP 55 16	PCP 55 23		1.6	42.8N 145.4E	
JAN 31	19			E08 46					2.1	26.5N 55.3E	

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1967	P/PPK	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS				
MTH DY	HR	M S	PHASE M S	PHASE M S	PHASE M S	A/T					
JAN 31	20	E14 59					IRAN				
FEB 01	01	E15 38		PP 17 25			26.7N	55.3E			
FEB 01	09	I28 51.2		*PP 29 26			55.8N	160.7E			
FEB 01	12			PG 48 45			58.5N	13.7E			
FEB 01	19	CI48 46.9			SG 49 21		51.9N	159.9E			
FEB 02	06	CI44 35.4		I 44 46	PP 46 22	SS 62 24	57.9S	25.7W			
FEB 02	07	DI46 01.3				1.6	39.7N	75.5E			
FEB 02	16	CI35 30.1	44 50	I 35 39	PCP 35 49	*PP 36 14	41.6N	139.7E			
FEB 03	13	E00 56		PP 05 14			JAVA SEA				
FEB 04	15	I35 26.2		P* 35 28	SG 35 54		59.6N	13.3E			
FEB 04	18	CI01 37.5					25.5N	142.7E			
FEB 07	08	E42 14					13.9N	144.8E			
FEB 07	15	DI03 30.9		I 03 32	*PP 03 46		56.7N	157.2W			
FEB 07	16			SG 30 55			NORDLAND				
FEB 07	19	E50 36		PCP 51 11			55.2N	163.1E			
FEB 08	17	E28 37					23.2N	93.9E			
FEB 09	12			I 12 59	SG 13 41						
FEB 09	14	DI13 14.1	17 18	I 13 17	PP 13 53	I 20 22	40.0N	20.3E	2.8		
FEB 09	15	DI37 21.1	47 50	I 37 32	*PP 97 19	PP100 22	2.9N	74.9W	2.3		
FEB 10	05	I55 17.2					33.0N	75.5E			
FEB 10	05	CI59 40.0					41.6N	86.2E			
FEB 10	22	CI53 31.8					GREECE				
FEB 11	02	DI50 26.0		I 50 39			51.7N	159.5E			
FEB 11	08	CI13 15.1					36.7N	71.1E			
FEB 11	08			E 17 10	I 17 46		SOUTH NORWAY				
FEB 11	15	CI25 40.0					30.5N	50.7E			
FEB 11	15	CI35 46.9					79.6N	3.4E			
FEB 11	18			E 26 50			57.8N	11.0E			
FEB 11	20			I 39 43			66.3N	13.2E			
FEB 12	16	DI14 54.9				1.5	35.8N	71.0E			
FEB 12	16	CI53 38.7					30.3N	50.3E			
FEB 13	11	DI32 41.9		I 32 44			36.2N	73.3W			
FEB 13	11	DI41 52.9					43.9N	148.4E			
FEB 13	17	DI16 20.9					43.6N	147.4E			
FEB 13	23	CI19 49.3		I 19 52			52.7N	34.1W			
FEB 14	01	CI47 50.8					13.7N	96.5E			
FEB 14	05	CI20 39.2		SKP 23 07			13.3S	171.3E			
FEB 14	14	CI47 07.7					34.5N	47.6E			
FEB 15	01	E54 22		I 08 49			20.4N	94.1E			
FEB 15	06	CI08 32.3									
FEB 15	16	DI23 28.5	33 45	*PP 25 42	PP 26 57	PKKP 40 29	9.0S	71.3W			
FEB 15	23	E48 22					52.7N	33.9W			
FEB 17	00	E51 12					4.4N	125.6E			
FEB 17	10	E30 21	37 03	I 30 28	PP 33 32	PKS 34 20	23.7S	175.2W			
FEB 18	02	E58 03					5.9S	153.2E			
FEB 18	11	CI35 30.8					HINDU KUSH				
FEB 19	06	E43 35					49.5N	154.1E			
FEB 19	20	DI16 44.3					42.0N	83.5E			
FEB 19	22	E28 31		I 28 39	PP 32 33		9.2S	113.1E			
FEB 20	14	DI32 32.0					33.7N	75.7E			
FEB 20	15	CI27 24.8		I 27 28	I 44 56	I 48 20	33.7N	75.3E	1.9		
FEB 21	04	CI27 18.4					19.2N	67.9W			
FEB 21	09	DI25 20.9					14.1N	146.4E			
FEB 21	12	E14 34									
FEB 21	12	DI46 28.8					33.6N	75.3E			
FEB 21	15	E17 44					31.6N	49.2E			
FEB 22	08	E58 45					35.1N	140.2E			
FEB 23	14	E37 43		I 37 44			24.2N	122.5E			
FEB 23	19	DI01 31.9		I 01 42			NEVADA				
FEB 23	20	DI51 02.2	61 12	I 51 05	*PP 51 14	SS 66 38	26.1N	128.5E			

LILLEHAMMER (LHN) SEISMIC STATION BULLETIN - 1967											PAGE 4
1967	P/PPK	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS				
MTH DY	HR	M S	PHASE M S	PHASE M S	PHASE M S	A/T					
FEB 24	00	CI26 23.8					PAMIR				
FEB 25	00	I29 10.3					26.7N	55.3E			
FEB 26	04	DI05 18.2		I 05 33	PN 06 26	PP 06 37	43.9N	139.1E			
FEB 27	02			E 19 25			49.8N	78.1E			
FEB 27	21	DI04 58.6	07 56	I 04 59	PP 05 24	I 11 01	2.9N	74.8W			
FEB 28	09	DI49 18.0	59 24	*PP 49 30	PCP 49 33		32.7N	141.7E			
FEB 28	14	DI27 07.9		*PP 27 22			37.5N	21.3E			
FEB 28	15	DI26 24.9					53.1N	159.9E			
MAR 01	10	DI21 00.9					28.3N	57.1E			
MAR 01	22	CI27 26.0					51.4N	179.3W			
MAR 02	03	CI00 20.5					0.3S	78.7W			
MAR 02	08	DI29 19.7		*PP 29 45			35.7N	139.9E			
MAR 02	20	CI58 14.1		*PP 58 25			52.4N	160.5E			
MAR 02	23	CI14 06.8		I 14 08	*PP 14 17		53.8N	160.5E			
MAR 03	01	DI37 59.3		*PP 38 09			37.7N	20.8E			
MAR 03	06	DI01 00.7					5.3S	68.5E			
MAR 03	15			I 27 22							
MAR 04	05	DI21 27.5	32 46	I 21 30	*PP 22 12		21.4N	121.8E			
MAR 04	06	E35 12					18.5S	175.4W			
MAR 04	18	DI03 13.9	07 40	I 13 16	SS 68 12	I 70 14	2.8	39.2N	24.6E		
MAR 04	18	DI43 12.8					39.0N	24.7E			
MAR 05	01	DI04 49.1					AEGEAN SEA				
MAR 05	10	DI06 13.6					46.8N	152.7E			
MAR 05	17	DI26 56.9		I 27 13			45.8N	26.8E			
MAR 05	18	DI58 27.1					45.1N	25.3E			
MAR 06	04	DI51 31.1		I 51 52			30.5N	137.6E			
MAR 06	08	E30 57					TONGA ISL				
MAR 06	11	CI41 17.1					3.7N	95.8E			
MAR 07	11	E51 06					38.3N	142.4E			
MAR 07	16			SG 17 15			NORDLAND				
MAR 07	16	CI34 38.6					4.1N	125.6E			
MAR 13	14	I54 49.6					53.7N	165.4W			
MAR 13	17	E48 37					37.6N	22.6E			
MAR 13	19	CI14 39.0					3.6N	126.5E			
MAR 13	19	CI30 38.9	37 22	I 30 43	I 50 36		19.7N	38.9E			
MAR 13	21	E49 05					82.2N	39.7E			
MAR 14	07	CI08 27.0	16 58	I 08 29	PP 10 43	SCS 18 26	28.4N	94.3E			
MAR 14	07	DI55 18.8	59 34	PN 55 39	I 62 56		82.5N	36.2E			
MAR 14	14	E43 04					36.5N	70.6E			
MAR 14	23	E43 01					23.0S	178.7E			
MAR 16	03	CI20 20.6					19.5N	38.9E			
MAR 16	12	E24 03					26.9N	96.6E			
MAR 17	02			I 31 44			SOUTH NORWAY				
MAR 17	02	CI33 45.0					42.0N	142.5E			
MAR 18	00	CI16 51.8					CAUCASUS				
MAR 18	18	DI01 19.2		*PP 01 43			36.3N	139.8E			
MAR 19	03	CI06 20.9					28.0N	130.5E			
MAR 19	04	DI12 41.2	21 48	I 12 43	*PP 12 51	PCP 13 03	45.4N	151.3E			
MAR 19	06	DI07 40.4					13.7N	120.6E			
MAR 19	17			I 36 21			51.9N	180.0E			
MAR 20	05	DI25 00.0					45.5N	150.9E			
MAR 20	10	CI58 55.5					51.8N	175.2E			
MAR 20	13	CI42 35.2		I 42 37			45.6N	151.4E			
MAR 20	13	DI49 54.5					45.7N	151.6E			
MAR 20	13	CI51 54.6		*PP 52 07			1.9	45.6N	151.5E		
MAR 20	14	CI03 09.0		I 03 11			45.6N	151.5E			
MAR 20	14	CI55 21.1					45.4N	151.5E			
MAR 20	15	CI57 29.8					45.6N	151.2E			
MAR 20	16	CI23 04.1					45.5N	151.1E			
MAR 20	17	DI22 38.8					45.5N	151.4E			

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1967	MTH	DY	HR	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS	
				M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T		
MAR 20	19			CI26	49.0					22.1S 170.6E	
MAR 20	22			DI06	21.1					36.3N 139.7E	
MAR 21	18			DI23	42.9					6.8N 73.0W	
MAR 22	18			I07	32.5						
MAR 23	13			CI53	00.9					45.8N 151.9E	
MAR 24	02			CI06	03.7		I 06 07			20.2N 38.3E	
MAR 24	04			CI22	54.0					40.2N 144.6E	
MAR 24	06			CI46	24.9		I 46 28			20.0N 38.7E	
MAR 24	08			DI26	34.6						
MAR 24	09					21 50	I 13 16	*PP 15 28	PP 17 17	6.0S 112.3E	
MAR 24	10			I34	04.6						
MAR 24	12			I36	50.0						
MAR 25	06			CI04	19.1		PP 05 45			KAZAKH USSR	
MAR 25	22			DI34	49.1					28.8N 60.3E	
MAR 25	22			CI59	02.4	68 16	*PP 59 17	PCP 59 24	SCS 69 10	2.0 45.5N 151.4E	
MAR 26	03			CI17	26.8					27.2N 67.5E	
MAR 26	04			E33	37					64.1N 147.2W	
MAR 26	16			CI33	43.3					27.7N 139.8E	
MAR 27	08			DI20	25.8					INDIA	
MAR 27	08			CI38	50.9					8.9S 71.3W	
MAR 27	09			CI08	53.9	17 40	I 09 02	I 09 09	SS 21 24	38.4N 116.5E	
MAR 27	11						SG 27 12				
MAR 27	11			CI51	12.0					35.7N 139.1E	
MAR 27	16			E29	14						
MAR 27	20			CI01	58.1		I 02 02			20.0N 38.6E	
MAR 28	00			DI09	43.2		*PP 09 54			38.5N 25.3E	
MAR 28	05			E21	29						
MAR 28	15			E52	05					50.5N 4.1E	
MAR 28	19			CI44	57.9		*PP 45 13			17.1N 122.4E	
MAR 28	21			E23	45					KERMADEC ISL	
MAR 28	21			E39	54					KERMADEC ISL	
MAR 29	02			E08	22					KERMADEC ISL	
MAR 29	17						SKP 30 14			20.1S 179.0W	
MAR 30	02						E 22 14	PP 26 45	PPP 29 08	11.0S 115.5E	
MAR 30	13			DI17	48.8					36.2N 70.9E	
MAR 31	02			E23	11					52.1N 169.7W	
MAR 31	03			CI26	39.0					20.2N 38.6E	
MAR 31	09			I26	18.4					51.8N 176.2E	
MAR 31	20			DI24	16.6		SKP 27 23			15.4S 167.5E	
APR 01	06			DI05	21.2	14 46	*PP 05 34	PCP 05 45	PP 08 00	45.8N 151.8E	
APR 01	06			DI08	09.1	16 46	*PP 08 22	I 08 26	I 22 24	46.3N 152.0E	
APR 01	07			E48	45					45.9N 151.8E	
APR 01	07			I59	29.6					45.9N 152.0E	
APR 01	08			DI00	10.4					KURILE ISL	
APR 01	12			CI34	37.2	43 56	I 34 46	PCP 34 57	PP 37 30	45.7N 151.8E	
APR 01	14			CI11	38.0		PCP 12 02			1.7 45.8N 151.7E	
APR 01	17			DI26	48.2		*PP 27 01			45.9N 152.0E	
APR 01	17			DI29	45.2					46.1N 151.9E	
APR 01	17			DI32	12.5					45.6N 151.9E	
APR 01	23			CI31	12.2					58.4N 154.9W	
APR 03	07			CI46	45.9		I 46 49			19.9N 38.5E	
APR 03	16						E 40 15			44.9N 10.6E	
APR 03	18					32 15	PG 31 37	SG 32 45		WEST NORWAY	
APR 04	02			E47	31					GREECE	
APR 04	03			DI52	16.1		I 52 21			40.3N 26.3E	
APR 04	04			DI05	30.4		*PP 05 42			45.5N 152.2E	
APR 04	09			CI17	13.3		*PP 18 33			33.4N 137.5E	
APR 04	17			E04	39		I 04 54			35.4N 23.6E	
APR 04	18			CI00	13.0					39.1N 24.5E	
APR 04	18			CI10	05.5		I 10 24			45.7N 26.2E	

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1967	MTH	DY	HR	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS	
				M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T		
APR 05	02			CI47	15.6					*PP 47 30	
APR 05	03			CI01	00.1						
APR 05	23						I 52 53				
APR 06	06			DI29	16.8					20.0N 147.2E	
APR 06	12			DI35	05.2					31.1S 178.2W	
APR 06	13			DI04	55.1					34.4N 139.0E	
APR 06	23			DI40	39.4		PP 06 23			20.1N 147.2E	
APR 06	23			DI43	47.0		I 40 43			30.1N 50.9E	
APR 07	17			CI13	08.3		*PP 44 00			34.3N 139.1E	
APR 07	18			DI39	25.8					36.3N 140.5E	
APR 07	19			CI49	31.0					37.4N 36.1E	
APR 08	05			CI53	29.0		SKP 56 13			37.4N 36.2E	
APR 08	10						SG 36 45			47.0N 146.0E	
APR 08	21			CI22	50.6					19.9S 178.6W	
APR 09	01			E23	41					NORDLAND	
APR 09	09			DI15	47.7					HINDU KUSH	
APR 09	22			E03	37					4.0N 96.1E	
APR 10	05					17 26	SG 18 03			7.2S 155.8E	
APR 10	15			I21	31.4					45.6N 151.6E	
APR 10	20			DI07	34.3					BOTHNIA	
APR 10	21			E26	30					7.3S 155.8E	
APR 12	09			E10	15		PG 10 21	SG 10 55		58.6N 154.3W	
APR 13	08			I48	13.8		I 48 24	SG 50 35		7.4S 155.7E	
APR 13	18			I50	37.5					58.7N 9.9E	
APR 13	20			CI05	41.3					67.7N 21.5E	
APR 13	20			DI12	13.2					52.1N 157.6E	
APR 14	05						E 31 05			27.3N 128.7E	
APR 14	08						SG 27 32			2.2 18.5N 100.2W	
APR 14	15			E58	13	58 53				1.8 17.5N 100.2W	
APR 14	22						E 32 54	SG 34 47		NORDLAND	
APR 14	23			DI49	45.4					58.3N 14.4E	
APR 15	01						E 01 00				
APR 15	09			I19	40.8					33.1S 178.7W	
APR 15	21			E06	41					29.1S 179.7W	
APR 15	23			DI46	57.0					51.4N 179.1W	
APR 16	10			DI21	09.9					41.9N 142.3E	
APR 17	21			DI44	02.0					I 21 23	
APR 19	22			CI08	03.2		*PP 08 31			46.4N 153.3E	
APR 20	01			E47	59		P* 48 04	PG 48 09	SG 48 50	34.6N 33.0E	
APR 20	04			CI15	18.9	48 37	I 15 25			18.8N 69.6W	
APR 20	10			I06	10.0					61.8N 4.7E	
APR 21	03			I17	04.8					1.9 49.7N 78.1E	
APR 21	10			DI51	27.9					11.0N 62.2W	
APR 22	12			E20	36					GREECE	
APR 22	13			DI20	01.5					GREECE	
APR 22	14									73.4N 8.4E	
APR 23	09			CI35	47.2		I 56 01			5.1N 96.4E	
APR 23	14			E11	05		I 35 53			8.3N 82.8W	
APR 23	15			I13	07.0					36.3N 2.4E	
APR 23	18			E27	29		*PP 13 15			18.4N 103.0W	
APR 23	18			E37	39					1.6N 80.2E	
APR 23	22			DI37	59.4					52.0N 160.3E	
APR 24	02			I35	31.1					51.9N 160.3E	
APR 24	08			CI59	21.4					8.1N 83.3W	
APR 25	10			DI39	07.0		I 59 25	SS 69 22	LQ 70 58	37.4N 72.7E	
APR 25	15			E43	44		*PP 39 16			1.8 43.3N 87.0E	
APR 26	02			CI28	24.7					I 55 48	
APR 26	10			E59	04					29.1S 178.2W	
APR 26	12									47.1N 155.4E	
APR 26	13			DI24	18.5		SG 59 35			11.2N 62.3W	
APR 26	13			DI24	18.5					68.3N 16.5E	
APR 26	13			DI24	18.5					1.3S 89.5E	

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1967	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS						
MTH DY	HR	M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T						
APR 27	11			SG 33 04				NORDLAND					
APR 27	12	I39	59.0		SG 40 50								
APR 27	14	I27	53.0		I 28 03			72.0N 0.8E					
APR 27	23	D123	40.2		*PP 23 49			41.7N 82.3E					
APR 28	01	D102	26.8										
APR 28	19	E46	42					28.5N 57.5E					
APR 29	04	D106	13.6	15 32	PCP 06 37	SS 20 16	LR 28 10	51.4N 178.3W					
APR 29	05	C105	05.5					39.5N 74.9E					
APR 29	12	C136	27.1					51.5N 178.2W					
APR 29	22	E13	51					35.8N 140.8E					
APR 29	22	E51	23					35.8N 141.0E					
APR 30	01	C121	17.2					JAPAN					
APR 30	07	C148	00.6					31.3N 49.4E					
APR 30	08	D116	36.9										
APR 30	09	D135	46.9										
APR 30	22	D135	47.0										
MAY 01	07	C113	59.2	18 08	I 73 03	PP 74 46	SS 79 15	39.7N 21.3E					
MAY 01	08	C120	40.9		I 20 44			39.9N 21.5E					
MAY 01	08	D133	20.6					39.5N 21.3E					
MAY 01	09	E52	41		PP 53 14			39.8N 21.5E					
MAY 01	09	C155	06.1		I 55 09	PP 55 44		39.6N 21.4E					
MAY 01	14	C143	03.8		I 43 09			39.5N 21.4E					
MAY 01	16	D145	02.1					39.8N 21.7E					
MAY 01	18	E15	01					GREECE					
MAY 01	22	D151	46.1		I 51 53			GREECE					
MAY 02	01	C132	15.2					39.7N 21.2E					
MAY 02	02	I47	51.2					27.9N 139.7E					
MAY 02	08	C116	53.0		I 16 55			39.6N 21.3E					
MAY 02	09	D109	20.6					36.5N 71.0E					
MAY 02	19	C134	21.0		I 34 26			40.0N 21.4E					
MAY 03	05	D124	57.4					42.4N 36.4E					
MAY 03	18	D146	43.3		I 46 47	I 46 56		39.7N 21.5E					
MAY 03	23	C126	15.9					GREECE					
MAY 04	00	E40	46					47.8N 154.2E					
MAY 04	03	D123	22.9					GREECE					
MAY 04	04	D151	14.2		I 51 22			39.8N 21.5E					
MAY 04	08	E36	17					55.7S 27.9W					
MAY 04	08	E58	08					GREECE					
MAY 04	08	C158	33.2					GREECE					
MAY 04	09	C100	44.8		I 00 51			GREECE					
MAY 04	12	I40	17.0					53.1N 168.2E					
MAY 04	13	E09	31										
MAY 04	13	C114	45.1					GREECE					
MAY 04	13	C118	28.8					39.8N 21.5E					
MAY 04	13	C136	04.0					39.8N 21.5E					
MAY 04	16	E05	57										
MAY 04	17	D116	04.1					GREECE					
MAY 04	23	C137	10.6					36.3N 138.3E					
MAY 05	00	D118	52.9		I 18 58			29.2N 103.5E					
MAY 05	03	C119	31.4					36.1N 68.8E					
MAY 05	06	D131	32.8		PP 32 16			39.6N 21.5E					
MAY 05	14	E55	00					39.6N 21.2E					
MAY 05	15	D117	46.0					59.3N 151.4W					
MAY 05	16	E03	34					GREECE					
MAY 05	17	C115	33.5					63.7N 148.5W					
MAY 05	20	C123	31.0					GREECE					
MAY 05	22	C105	32.1	07 53	I 05 43			72.7N 3.0E					
MAY 06	04	C159	25.8					52.7N 168.1W					
MAY 06	14	D111	45.0		*PP 11 52			19.3N 70.0W					
MAY 06	18	C148	45.9					29.4S 179.3W					

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1967	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS						
MTH DY	HR	M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T						
MAY 06	19	E59	30					42.9N 139.3E					
MAY 08	06	E29	50					34.1N 26.4E					
MAY 08	08	C118	42.8					6.8N 73.4W					
MAY 08	14	C158	58.7					30.1N 131.6E					
MAY 08	18				SG 19 25			66.5N 14.6E					
MAY 08	18	D155	53.1					1.7 36.4N 70.2E					
MAY 08	19				I 04 45	*PPKP 04 54		33.2S 178.4W					
MAY 08	20	D144	05.2					36.2N 71.1E					
MAY 09	03	C113	57.2					36.5N 138.3E					
MAY 09	04	I10	21.2					39.6N 27.0E					
MAY 09	06	D126	04.9	35 26	*PP 26 17			1.9 44.2N 149.0E					
MAY 09	07	D129	55.1					GREECE					
MAY 09	08	C105	40.9					39.8N 21.5E					
MAY 09	08	E08	45					78.9N 20.8W					
MAY 09	11	D110	36.0					44.8N 140.6E					
MAY 09	12	D146	56.0		*PP 47 03			56.6N 152.6W					
MAY 09	13	E39	51					GREECE					
MAY 09	15	E17	19		*PP 17 26			56.6N 152.3W					
MAY 09	20	E49	56					GREECE					
MAY 09	21	D143	31.8					5.2N 127.5E					
MAY 10	13	E51	31					NEVADA					
MAY 10	17	E52	06					23.7N 121.5E					
MAY 10	21	E17	27					GREECE					
MAY 11	06	D120	17.7					6.8N 73.1W					
MAY 11	12	D122	41.1										
MAY 11	13							E 18 14					
MAY 11	14	C159	02.9	65 34	P 59 05	P 59 07	PP 60 50	39.4N 73.8E					
MAY 11	15				PP 23 22			20.3S 68.5W					
MAY 11	15	C135	06.1										
MAY 12	00	D109	16.1										
MAY 12	02	E17	35		SKP 20 03			13.9S 170.0E					
MAY 12	05	D129	10.9					39.5N 73.8E					
MAY 12	09	D140	46.1					7.0N 73.1W					
MAY 12	15				E 36 42			NORDLAND					
MAY 12	17	D109	20.9					52.9N 167.0W					
MAY 12	17							E 57 28					
MAY 12	22	D126	56.4					44.7N 10.4E					
MAY 13	04	E18	39					60.1N 152.6W					
MAY 13	05	C129	15.2	37 56	*PP 29 22			18.9N 145.4E					
MAY 14	03	C107	35.9					56.5N 152.6W					
MAY 14	04	C121	13.0	25 44	I 21 15	SCS 32 28		56.9N 152.7W					
MAY 14	05	C123	11.1					37.7N 21.2E					
MAY 14	09	C108	59.0					27.5N 139.6E					
MAY 14	10	E55	39					39.2N 73.9E					
MAY 14	14	E51	03					13.7N 120.7E					
MAY 15	00	D117	46.9					28.0S 176.6W					
MAY 15	00	D125	31.6					32.9N 141.3E					
MAY 15	02	C139	34.0	49 36	I 39 41	I 39 48	PP 42 39	32.9N 141.4E					
MAY 15	02	E47	52					32.5N 141.4E					
MAY 15	08	C118	48.1	24 04	I 18 52			32.6N 141.5E					
MAY 15	08	E38	03					34.6N 26.7E					
MAY 16	04	E17	56					34.5N 26.8E					
MAY 16	05	C119	31.1					32.9N 141.4E					
MAY 16	13	E10	35					45.5N 149.8E					
MAY 16	15				PG 10 54	SG 10 57		13.5N 90.6W					
MAY 16	19	D136	57.2					61.0N 10.7E					
MAY 16	19	D145	45.9		I 37 14			1.4 32.4N 141.3E					
MAY 17	00	D142	58.0		I 45 57			KURILE ISL.					
MAY 17	08	C141	28.1		I 43 02			60.8N 143.7W					
MAY 17	09	D146	12.9					15.1S 168.1E					
								JAPAN					

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1967	MTH	DY	HR	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS	
				M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T		
MAY 17	13			C120	25.1					GREECE	
MAY 17	17			C158	58.1					19.7N 38.7E	
MAY 18	04			D118	07.6					41.9N 144.6E	
MAY 18	04			D150	23.1					41.9N 144.6E	
MAY 18	08					PG 18 50	SG 19 27			60.5N 5.6E	
MAY 18	11			C133	44.7					1.5 41.9N 144.7E	
MAY 18	11			D139	05.9					40.6N 70.4E	
MAY 18	12			D100	50.7						
MAY 18	13			D112	09.6					59.2S 25.4W	
MAY 18	13					I 22 33					
MAY 18	14			C112	09.2					42.0N 144.7E	
MAY 18	23			D150	58.9					31.1N 130.7E	
MAY 19	05					PKP2 29 05	I 29 24			34.9S 179.0W	
MAY 19	12			E22	05					30.3S 177.9W	
MAY 19	16			C101	38.1					14.5N 40.3E	
MAY 20	03			E04	13					19.8N 146.0E	
MAY 20	08			C155	18.9					39.2N 72.8E	
MAY 20	15			C111	31.2					1.7 NEVADA	
MAY 20	21			D156	39.2					29.7N 52.1E	
MAY 20	23			D120	53.9	22 55	I 23 50	I 24 09		66.4N 33.4E	
MAY 21	07			E30	22					27.9N 111.3W	
MAY 21	18			D142	48.1					35.6N 69.7E	
MAY 21	18			C157	57.2	68 16	I 58 03	*PP 58 45	PP 61 44	1.8 1.0S 101.5E	
MAY 22	02			D153	48.1					35.9N 139.4E	
MAY 22	03			C138	24.0					15.0S 167.2E	
MAY 22	11			E43	44						
MAY 22	18					I 28 13				NORDLAND	
MAY 22	19			D151	40.8					36.7N 29.5E	
MAY 22	21			I03	49.0					24.9N 124.2E	
MAY 22	22			D153	57.1					15.0N 94.6W	
MAY 23	01			D133	28.9					44.6N 150.2E	
MAY 23	02			C103	47.0					44.6N 150.5E	
MAY 23	06			D104	00.9					52.4N 160.2E	
MAY 23	08			E47	44					3.1S 101.5E	
MAY 23	12			I05	10.0	07 25				72.8N 5.6E	
MAY 23	14			C111	31.0					1.3 NEVADA	
MAY 23	15			D144	57.8					28.0S 176.7W	
MAY 23	19			D136	24.0					56.2S 27.3W	
MAY 23	21			C107	25.9					I 07 28	
MAY 24	01			D146	23.3					*PP 46 35	
MAY 24	02			I28	50.5						
MAY 24	12			C148	59.9					43.3N 145.5E	
MAY 24	16					SG 18 25				67.4N 20.8E	
MAY 24	17			D130	11.7					12.1S 34.2E	
MAY 24	22			C149	04.1					52.3N 160.2E	
MAY 25	19			D102	33.6					46.0N 143.0E	
MAY 26	00			D100	32.2					36.6N 141.3E	
MAY 26	10			D136	11.2					71.4N 5.3W	
MAY 26	10			I47	27.6					*PP 47 47	
MAY 26	14			D111	44.1					SG 12 37	
MAY 26	15			D111	32.9						
MAY 26	15			I28	11.5					NEVADA	
MAY 26	15			E31	09					JAN MAYEN	
MAY 26	15			D137	56.9					JAN MAYEN	
MAY 26	15			E40	41					71.2N 6.7W	
MAY 26	17			C137	00.9					I 37 03	
MAY 26	19			C145	31.1					45.5N 26.3E	
MAY 26	21			C124	08.9					25.7N 140.6E	
MAY 26	21			E44	42						
MAY 27	01			E51	00					39.9N 77.3E	

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1967	MTH	DY	HR	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS	
				M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T		
MAY 27	02			C100	04.0					35.8N 0.3W	
MAY 27	02					PG 42 27	SG 42 36	I 42 45			
MAY 27	12			D150	59.0					I 51 00	
MAY 27	17			C133	47.9	*PP 33 59	PP 36 12	SCS 43 22	1.9	36.2N 71.5E	
MAY 27	19			C114	26.1			SS 24 54	1.4	51.9N 176.1E	
MAY 27	20			D122	17.1					I 14 30	
MAY 28	01			C142	42.6					PP 16 21	
MAY 28	04			E12	49					41.9N 142.3E	
MAY 28	04			C115	18.0					52.1N 175.0E	
MAY 28	07			E15	05					30.3N 130.8E	
MAY 28	07			D129	44.0					PN 16 30	
MAY 28	12			C111	12.0					PP 16 47	
MAY 28	12			C129	44.0					2.0 KAZAKH USSR	
MAY 29	04			I59	18.9						
MAY 29	11			C128	51.0						
MAY 29	21			D112	46.0						
MAY 30	10			D105	42.8						
MAY 30	23			C159	31.4						
MAY 31	11			D149	47.1						
MAY 31	16					I 19 16				*PP 13 09	
MAY 31	16			C120	27.6					2.3 43.3N 145.7E	
MAY 31	16			E39	33					50.1N 176.6W	
JUN 01	03			D146	58.0	55 46				I 47 14	
JUN 01	10			C126	34.1					PKPPKP 75 35	
JUN 01	10									1.6 53.7N 165.6W	
JUN 01	10			C145	01.5					53.9N 160.6E	
JUN 01	11			C114	56.1						
JUN 01	12									I 56 04	
JUN 01	21			C106	33.9						
JUN 02	04			C136	19.2						
JUN 02	05			C116	43.0						
JUN 02	06			E42	21						
JUN 02	20			D124	59.8						
JUN 03	09			D119	01.9						
JUN 03	10										
JUN 03	13			E21	13						
JUN 04	05			C137	27.1						
JUN 04	06			C134	20.0						
JUN 04	06			C145	04.4						
JUN 05	11			D121	26.3						
JUN 05	16			D149	14.1						
JUN 05	18										
JUN 06	07			D101	26.8						
JUN 07	08			E25	25						
JUN 07	16			C100	26.0						
JUN 07	17			C109	41.4						
JUN 07	18			C127	31.0						
JUN 07	19			E31	23						
JUN 07	21			I28	30.8						
JUN 08	12			D115	27.2						
JUN 08	13			D141	29.9						
JUN 08	14			C104	46.1						
JUN 08	16										
JUN 08	20			E15	43						
JUN 09	02			C120	25.8						
JUN 09	11			D135	30.3						
JUN 09	13			E01	10						
JUN 09	17			E24	25						
JUN 09	19			C137	37.1						
JUN 10	05			D145	36.9						
JUN 05	16										
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JUN 06	31										
JUN 07	01										
JUN 07	02										
JUN 07	03										
JUN 07	04										
JUN 07	05										

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1967	MTH	DY	HR	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS	
				M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T		
JUN 10	06			DI41 12.1						49.5N 97.3E	
JUN 10	14			E17 01		I 17 13	SKP 19 50			19.3S 178.2W	
JUN 10	14			I34 20.8						11.1N 62.4W	
JUN 10	18			E14 49						16.4N 46.6W	
JUN 11	05			CI40 18.6						38.1N 22.9E	
JUN 11	12			DI01 13.1						47.5N 154.4E	
JUN 12	00			E15 12						16.6N 46.6W	
JUN 12	01			DI34 21.1						38.2N 22.8E	
JUN 12	02			CI56 18.4	60 40	I 56 24				38.2N 22.7E	
JUN 12	03			E24 52						18.0S 167.7E	
JUN 12	05					PP 39 58	PS 49 30			44.9S 35.7E	
JUN 12	12					E 50 00					
JUN 12	18			DI17 47.0		I 17 51				39.2N 21.4E	
JUN 12	21			E30 57						3.1S 100.6E	
JUN 12	23			DI33 39.1		I 33 41	*PP 33 57			47.4N 154.3E	
JUN 13	01			DI23 15.0						3.0S 100.6E	
JUN 13	02			I53 40.9						47.6N 154.3E	
JUN 13	09			E49 27						78.6N 8.2E	
JUN 13	12			CI59 36.8						39.0N 31.2E	
JUN 13	23			E15 42						42.0N 45.3E	
JUN 14	03			DI56 25.2						45.3N 136.9E	
JUN 14	05			E25 36		I 25 59				15.2S 173.6W	
JUN 14	08			CI16 52.0		I 16 55	*PP 17 04	PCP 17 12		47.5N 154.4E	
JUN 14	08			DI23 56.2						47.5N 154.5E	
JUN 14	15			CI46 47.6						46.5N 153.2E	
JUN 14	18			CI07 43.8						33.3N 136.8E	
JUN 15	00			CI46 57.0		I 47 01				10.6N 65.3W	
JUN 15	15			DI02 12.9		I 02 25				34.1N 32.5E	
JUN 15	18			CI52 30.7		*PP 52 39				9.1N 40.4W	
JUN 16	06					PKP2 04 24				55.7S 146.8E	
JUN 16	12			E35 14							
JUN 16	16			E04 02		I 04 47					
JUN 16	16			DI07 58.1							
JUN 17	05			CI18 50.1		*PPKP 19 36	PKS 22 10		2.0	58.3S 26.6W	
JUN 17	10			DI01 59.8						41.7N 45.3E	
JUN 17	13			CI24 47.3						23.1N 94.7E	
JUN 17	15			CI47 25.0		I 47 38				41.6N 16.2E	
JUN 17	17			CI56 09.9						14.1N 90.0W	
JUN 18	05			CI34 33.6						36.8N 29.5E	
JUN 18	16			CI47 12.9						37.4N 71.9E	
JUN 18	20			CI23 04.1						3.9S 151.6E	
JUN 19	12			CI55 44.8						12.2N 126.2E	
JUN 19	14			DI43 31.4		I 43 36				20.6N 38.4E	
JUN 19	16			DI58 04.1							
JUN 19	17			CI18 32.6	27 34	I 18 34	PCP 18 56	SS 31 40		52.7N 166.9W	
JUN 19	18					I 59 02					
JUN 20	02			E20 45						52.9N 166.9W	
JUN 20	05			DI36 10.8						52.8N 167.1W	
JUN 20	06			DI31 41.7						52.7N 166.9W	
JUN 20	07			CI49 36.1	58 38	*PP 49 49	PCP 50 04	PCS 54 18		52.8N 167.1W	
JUN 20	12			CI36 41.8						52.8N 166.9W	
JUN 20	13			CI11 58.0							
JUN 20	13			DI39 30.1						14.6N 93.5W	
JUN 20	16			CI42 31.2						38.5N 20.8E	
JUN 21	07				14 06	SS 20 18				2.2S 77.6W	
JUN 21	18			CI14 09.8		*PP 14 15	I 14 22			64.8N 147.4W	
JUN 21	18			CI22 24.3		*PP 22 28				64.8N 147.4W	
JUN 21	18			CI34 06.0		*PP 34 12				64.8N 147.4W	
JUN 21	19			DI28 56.2		SKP 31 47				23.5S 180.0E	
JUN 22	07			I30 25.8		I 30 33				40.8N 34.0E	

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1967	MTH	DY	HR	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS	
				M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T		
JUN 22	15			CI47 30.6						51.7N 176.8W	
JUN 22	22					P* 07 35	PG 07 57	SG 09 16		67.6N 10.4E	
JUN 23	10			DI12 15.0		I 12 26				40.8N 33.6E	
JUN 23	12			CI03 55.5						64.8N 147.5W	
JUN 23	14			CI56 49.6		I 56 57				21.3S 179.3W	
JUN 23	18			CI58 09.1						36.6N 71.1E	
JUN 23	21			E49 30		I 49 41				19.2S 167.7E	
JUN 24	21			DI13 55.4		PP 18 01	PS 26 44	SS 32 08		12.5N 141.6E	
JUN 24	21			DI16 41.0						11.4N 125.7E	
JUN 25	01			DI05 29.8						46.7N 152.5E	
JUN 25	14			CI38 02.1						33.3N 137.9E	
JUN 25	21			DI39 33.1		*PP 39 45				33.0N 141.4E	
JUN 25	23			CI31 32.9	42 30	*PP 31 42	PS 44 10	SS 49 26		12.4N 141.8E	
JUN 26	02			DI35 11.8	45 46	I 35 17	SS 51 24			18.4N 105.2W	
JUN 27	14			CI33 16.5							
JUN 27	20			CI43 55.6						51.3N 180.0W	
JUN 27	23			E18 46						23.6N 121.5E	
JUN 28	01			CI21 04.2		*PP 21 19				46.0N 151.5E	
JUN 28	14			CI53 56.6						47.0S 165.8E	
JUN 28	16					I 22 41				NORDLAND	
JUN 29	03			CI04 17.8						KAZAKH USSR	
JUN 29	08			CI28 38.0						41.6N 44.0E	
JUN 29	16					PP 54 26				7.2S 128.6E	
JUN 29	17			DI10 55.8							
JUN 30	19			CI40 44.0						52.0N 175.3E	
JUL 01	03			DI30 29.2						36.1N 31.4E	
JUL 01	06					SG 39 25				66.9N 14.0E	
JUL 01	06			DI46 26.3		I 46 33				28.7N 142.3E	
JUL 01	07			DI41 55.0	52 48					0.8S 98.7E	
JUL 01	15			DI10 22.0						41.0N 143.0E	
JUL 01	15			CI50 43.8						32.5N 48.9E	
JUL 01	21			CI32 51.1		*PP 33 03				54.0N 161.0W	
JUL 01	23			DI20 42.4	29 16	*PP 20 53	PCP 21 11	PKPPKP 49 36	2.1	54.4N 158.0W	
JUL 02	02			DI46 54.7						54.5N 158.0W	
JUL 02	03			CI12 20.4						45.7N 142.9E	
JUL 02	07			CI15 53.2	25 54	I 15 56				8.7N 93.8E	
JUL 02	07			DI50 11.2		*PP 50 24				33.0N 141.6E	
JUL 02	08			DI41 26.9		*PP 41 34				33.2N 75.6E	
JUL 02	10			DI19 46.1						54.7N 157.7W	
JUL 02	16			CI27 47.1		I 28 00				32.9N 141.7E	
JUL 02	20			CI46 01.8						31.2N 130.1E	
JUL 03	02			DI57 52.0						44.2N 19.2E	
JUL 03	05			DI20 36.1		*PP 20 47			1.5	43.6N 147.0E	
JUL 03	07			DI05 17.9						54.6N 157.7W	
JUL 04	21			E36 50							
JUL 04	23			I53 01.9	62 00	LQ 70 40				43.2N 142.5E	
JUL 05	00			DI58 39.0	63 38					36.8N 21.3E	
JUL 05	04			CI13 41.8						54.5N 157.9W	
JUL 05	06			CI32 58.1						15.1N 93.8W	
JUL 05	09			DI13 08.9						25.6N 126.0E	
JUL 05	13			DI54 38.4						30.4N 138.0E	
JUL 05	15			CI07 06.8		I 07 24					
JUL 05	16			CI54 58.0						36.9N 21.3E	
JUL 06	05			CI15 45.1		*PP 16 03				62.4N 147.4W	
JUL 06	08			CI27 14.3						36.7N 21.4E	
JUL 06	18			CI42 53.1		I 42 59	PCP 43 23			18.9N 61.9W	
JUL 06	19			DI30 21.8		PCP 30 55				8.1N 38.5W	
JUL 06	23			DI27 20.9						32.5N 130.9E	
JUL 08	01					I 17 57	I 18 08	SKP 21 22		15.4S 167.5E	
JUL 08	06			DI42 06.0						16.3S 166.8E	

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1967	MTH	DY	HR	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS	
				M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T		
JUL 31	07			C117	11.6		I 17 24			40,6N 27,6E	
JUL 31	23			E57	41					27,5N 142,9E	
AUG 01	00			C118	42.1					40,8N 30,4E	
AUG 01	01			C110	18.0					40,8N 30,3E	
AUG 01	14			D111	04.9					43,9N 147,9E	
AUG 01	17			E00	53					39,7N 53,3E	
AUG 01	19			C137	24.8					33,4S 179,4E	
AUG 02	00			C155	29.1		I 55 47			44,6N 146,4E	
AUG 02	11			I09	37.2	11 53				71,2N 8,0W	
AUG 02	14			D102	55.2					30,9N 53,5E	
AUG 02	14			C109	12.2	11 26	I 09 31			71,2N 8,5W	
AUG 02	15			C138	32.9		PP 39 32			40,7N 30,6E	
AUG 02	16			E23	14					71,0N 8,0W	
AUG 02	16			E50	09	52 32				71,0N 8,0W	
AUG 02	18			C130	47.0					4,6S 103,2E	
AUG 03	09			D105	27.9						
AUG 03	12			I24	29.1					36,1N 139,9E	
AUG 04	06			D111	45.1					7,4N 36,3W	
AUG 04	07			C105	18.8		PP 06 43			KAZAKH USSR	
AUG 04	08			I15	14.3					34,8N 70,1E	
AUG 04	14			D158	49.0					42,9N 17,7E	
AUG 05	01			D155	54.4					1.6 43,3N 147,5E	
AUG 05	05			D140	32.9		*PP 40 44			1.6 43,3N 147,6E	
AUG 06	10			C139	02.0					38,0N 74,5E	
AUG 06	11						PKP2 38 07			34,5S 179,1W	
AUG 06	20			C146	56.1					IRAN	
AUG 07	05			C157	48.1					36,5N 71,2E	
AUG 07	17			D126	48.4					29,4S 177,4W	
AUG 08	04			C141	44.6						
AUG 08	04			C144	00.9					TURKEY	
AUG 08	16			D117	30.6					37,2N 141,1E	
AUG 09	10			C141	32.4					31,2S 180,0W	
AUG 09	13			C135	59.0					39,9N 104,7W	
AUG 10	10						I 05 40			NORDLAND	
AUG 10	11			C132	24.6					1.5 45,4N 150,3E	
AUG 11	19			C107	09.0					22,1N 144,0E	
AUG 12	04			D142	04.1					1.8 38,5N 141,9E	
AUG 12	09			D159	01.1		I 59 04	*PPKP 59 43	SKP 62 13	24,7S 177,5W	
AUG 12	10			D151	10.9		*PP 51 21			1.6 53,7N 160,4E	
AUG 12	12			D150	06.7		PKS 53 42			14,9S 166,7E	
AUG 12	15			C155	55.1		SG 56 27			59,1N 10,3E	
AUG 12	17			C104	40.0		PN 04 55			41,0N 34,3E	
AUG 12	19			D110	31.9						
AUG 12	20			C123	46.0					33,1S 178,8W	
AUG 12	23			C102	36.8		*PP 03 01			1.8 37,0N 71,4E	
AUG 13	01			D154	29.3						
AUG 13	02			C104	43.0						
AUG 13	15						I 14 13			68,0N 10,0E	
AUG 13	17						PG 55 32	SG 56 16		64,4N 12,0E	
AUG 13	20			C117	48.1	26 44	*PP 19 13	PP 20 38	PPP 22 30	35,3N 135,3E	
AUG 13	22			D112	12.4	15 49	I 12 18	I 19 20		43,2N 0,5W	
AUG 13	22			D133	53.9					4,4S 152,5E	
AUG 13	23			D155	23.6		*PP 55 32			7,0S 12,6W	
AUG 14	01			C151	06.6						
AUG 14	06			C154	10.9					5,4N 96,6E	
AUG 14	12			C156	15.1					17,3N 94,6W	
AUG 14	20			C114	35.8					40,7N 30,5E	
AUG 15	03			C134	51.6					19,2N 68,5W	
AUG 15	04			C141	16.3					36,5N 19,4E	
AUG 15	05			C133	57.6						

LILLEHAMMER (LHN) SEISMIC STATION BULLETIN - 1967											PAGE 16
1967	MTH	DY	HR	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS	
				M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T		
AUG 15	07			C111	33.0						
AUG 15	07			C148	21.0		*PP 49 02			38,9N 15,0E	
AUG 15	09			C131	08.0		I 31 11			36,3N 70,2E	
AUG 15	15			C146	40.4					31,1N 93,7E	
AUG 15	20			D121	59.5					44,8N 132,4E	
AUG 15	20			D121	59.5					27,1N 140,5E	
AUG 16	10			C137	10.4						
AUG 16	19			C131	47.1		*PP 32 16			0,9N 98,9E	
AUG 16	22			I45	26.1		PG 45 31	SG 46 01		59,1N 13,3E	
AUG 17	14			D143	13.3		PCP 43 26			39,4N 142,3E	
AUG 17	18						I 22 13			NORDLAND	
AUG 17	22			C152	05.1						
AUG 18	03			C147	28.1					59,4N 151,4W	
AUG 18	06			C100	14.3		*PP 00 20			27,8N 127,7E	
AUG 18	16			C105	22.1					61,5N 151,0W	
AUG 19	01			D142	42.9		PP 44 26			36,9N 71,5E	
AUG 19	07			D117	22.6	19 27					
AUG 19	08			D141	09.1					70,7N 15,8E	
AUG 19	13			C149	45.8		I 41 21			27,1S 176,5W	
AUG 19	15			D141	14.6		PP 45 02			36,3N 140,3E	
AUG 19	16			C100	50.2		*PPKP 01 14			10,4N 126,0E	
AUG 19	23			D142	20.8					12,4S 166,6E	
AUG 20	00			D117	45.9					32,5N 106,5E	
AUG 20	02			C109	55.9		I 10 00			58,1N 156,5W	
AUG 20	07			C135	52.2					45,3N 80,1E	
AUG 20	17			D129	11.4					55,8N 164,2E	
AUG 20	17			D129	11.4					37,1N 95,7E	
AUG 21	07			C145	30.5	56 20	I 45 33	PP 48 52	PPP 50 44	3,6N 95,8E	
AUG 21	14						PG 20 27	SG 21 08		62,1N 5,5E	
AUG 21	17			D129	36.1					42,1N 143,3E	
AUG 22	06			C135	48.9					52,6N 159,3E	
AUG 22	12			C131	41.1	32 21				58,5N 13,8E	
AUG 22	13			C121	02.1	28 12	I 21 08	PP 22 51	PPP 25 49	60,8S 24,6W	
AUG 22	13			D135	59.6					60,9S 23,2W	
AUG 22	23			D120	56.2		I 21 04			56,2N 112,6E	
AUG 23	01						PG 31 41	SG 32 35			
AUG 24	03			C132	22.9		PCP 32 43			43,5N 147,5E	
AUG 24	10			E52	02					14,9S 166,9E	
AUG 24	10			E55	40					17,1S 40,3E	
AUG 24	23						SG 15 06			65,0N 21,0E	
AUG 24	23			I26	12.1		I 26 20			10,5S 27,3E	
AUG 25	12			D133	40.1					35,4N 49,1E	
AUG 25	15			C114	16.1					51,7N 177,3E	
AUG 25	16						SG 18 45			66,4N 15,2E	
AUG 26	00			D150	10.5	61 05	I 50 24	PP 54 10	PS 63 03	12,2N 140,7E	
AUG 26	01			C106	50.1					12,2N 140,7E	
AUG 26	02			D120	39.4					12,2N 140,8E	
AUG 26	14			C123	37.0						
AUG 26	18			E39	12		I 39 28			37,3N 30,8E	
AUG 26	21			D155	26.0		*PP 55 42			15,4S 172,7W	
AUG 27	02			E28	44					55,3N 160,6W	
AUG 27	04			I57	51.6					52,4N 168,7W	
AUG 27	04			I57	51.6					36,3N 71,1E	
AUG 27	13			C121	00.2		I 21 23	*PP 21 45		12,3N 86,2W	
AUG 27	13			C145	30.0					50,2N 130,0W	
AUG 28	03			D144	18.7					38,4N 24,0E	
AUG 28	15			E32	04						
AUG 28	15			D136	30.0					50,4N 129,9W	
AUG 28	17			E42	04		I 42 12			36,7N 26,8E	
AUG 28	21			C114	36.3					36,5N 80,1E	
AUG 28	21			C121	55.5					31,5N 6,1W	
AUG 29	22			C104	17.4					GREECE	
AUG 30	02			C117	46.2		*PP 18 06			35,6N 140,0E	

LILLEHAMMER (LHN) SEISMIC STATION BULLETIN - 1967											PAGE 17		
1967	MTH	DY	HR	P/PPK	M	S	S/SKS	M	S	LOG	REMARKS		
				SUPP. 1	PHASE		SUPP. 2	PHASE		SUPP. 3	PHASE		
				M	S	M	S	M	S	M	S	A/T	
AUG 30	04			C132	28.0		40 58		I 32 30		PP 34 53	PPP 36 32	31,7N 100,3E
AUG 30	08			C121	13.0								36,2N 140,0E
AUG 30	11			D119	12.9				I 19 16				31,6N 100,3E
AUG 30	12			D115	15.0				I 15 18				30,4S 178,6W
AUG 30	13			C144	30.4				PCP 44 57				45,4N 151,5E
AUG 30	13			D145	52.8								KURILE ISL.
AUG 30	17								I 49 59				NORDLAND
AUG 30	20			D114	35.9								KURILE ISL.
AUG 30	23			I30	33.1								
AUG 31	13								PG 38 47		SG 39 25		58,1N 9,8E
SEP 01	03			C101	19.3								06,9N 73,0W
SEP 01	07			C126	06.8								34,4S 179,0E
SEP 01	22								I 53 01				44,9N 147,0E
SEP 01	23								E 58 44				33,8S 178,6W
SEP 02	01								I 44 03				33,7S 178,8W
SEP 02	03			E49	23								71,6N 8,2W
SEP 02	05			I56	56.6								29,1S 179,0W
SEP 03	07			C151	29.3								37,5N 21,8E
SEP 03	09			D124	56.8								38,5N 22,1E
SEP 03	11								*PP 40 58				60,5N 151,6W
SEP 03	21			D121	12.0		31 40		PP 25 20		S 33 28		10,6S 79,8W
SEP 04	04			D111	16.4				I 11 21		*PPKP 12 20		31,4S 179,4W
SEP 04	18			C100	13.6								35,5N 140,9E
SEP 04	19			I06	45.8								IONIAN ISL.
SEP 04	19			C140	14.2								54,8N 159,1E
SEP 05	17								I 45 58				NORDLAND
SEP 06	03			C130	12.1				*PP 30 24				46,7N 154,0E
SEP 06	05			C105	04.8				I 05 08				35,0N 23,0E
SEP 06	07			C141	43.0				*PP 41 53				14,7N 93,6E
SEP 06	17			C135	30.0								52,6N 168,5W
SEP 07	00			C137	08.5								40,6N 19,4E
SEP 07	07			C125	45.0				I 26 48		*PP 27 00		2,7N 124,3E
SEP 07	08			E19	02								30,4S 177,5W
SEP 07	09			C153	56.1				I 54 05				30,5S 177,6W
SEP 07	11			C127	06.8				I 27 11				31,3S 179,6E
SEP 07	14			C114	06.9								37,9N 15,3E
SEP 07	14			E20	34								21,5N 144,0E
SEP 08	00			C134	03.1								36,9N 71,5E
SEP 08	02			D109	34.0				I 09 37		PP 10 14		40,7N 20,2E
SEP 08	05			C131	38.1								38,4N 70,5E
SEP 08	09			E56	53								39,2N 21,7E
SEP 08	22			C104	13.8								52,3N 179,6W
SEP 08	22			C151	09.2				I 51 18		PP 55 08		12,2N 140,8E
SEP 09	08			C150	38.1								18,0N 145,5E
SEP 09	10			C120	01.0				PKP 24 04		PP 24 39	PKKP 35 44	ARGENTINA
SEP 09	14			C157	27.2								12,3N 140,7E
SEP 10	18			C101	59.2								14,8N 121,2E
SEP 11	04			C156	40.4								21,4S 169,7E
SEP 11	06			E20	52				I 21 02				27,5N 66,4E
SEP 11	07			C105	53.3				I 06 04				36,4N 2,8E
SEP 11	10								I 13 44				32,8S 178,5W
SEP 11	11			E54	40								
SEP 11	13			D102	35.3				I 02 40				45,0N 99,3E
SEP 11	20			D106	38.0								20,3N 38,7E
SEP 11	23			D145	23.0		47 42						71,2N 6,1W
SEP 12	00			E36	03								22,8S 10,5W
SEP 12	02			D154	40.2								44,6N 149,8E
SEP 12	11			C122	30.0								5,0S 11,5W
SEP 12	12			I04	54.8		05 35						58,4N 12,2E
SEP 12	14			C151	43.8								39,3N 21,2E

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1967	MTH	DY	HR	P/PPK	M	S	S/SKS	M	S	LOG	REMARKS			
				SUPP. 1	PHASE		SUPP. 2	PHASE		SUPP. 3	PHASE			
				M	S	M	S	M	S	M	S	A/T		
SEP 12	22			E08	28								5,5S 151,7E	
SEP 13	18			C120	57.8									
SEP 13	18			C151	57.0									
SEP 13	20			C116	22.2				*PP 52 09			1.8	52,7N 172,5E	
SEP 13	21			D159	09.2								56,0S 27,4W	
SEP 14	01								I 01 30		I 01 42		32,9S 178,4W	
SEP 14	02			C104	02.4								30,0S 179,3W	
SEP 14	13			D139	17.8								PAMIR	
SEP 14	14								I 11 07		I 11 46			
SEP 14	14			E37	53								36,1N 21,9E	
SEP 14	14			E57	53								28,4N 57,1E	
SEP 14	15			D154	13.9								15,4S 167,5E	
SEP 14	16								I 20 04				NORDLAND	
SEP 14	19			I03	50.3								GREECE	
SEP 15	00			C140	17.0		50 38		I 40 25		*PP 40 29	PP 43 06	1.7	35,6N 140,4E
SEP 15	08			D115	36.3									
SEP 15	10			C143	04.9		51 38		*PP 43 11		PCP 43 41	SKKS 71 42	1.8	28,3N 139,6E
SEP 15	22			D110	56.4									
SEP 16	00			D109	25.9				*PP 09 35					
SEP 16	03			D154	59.2									
SEP 16	04			C111	16.0				PP 12 43				1.6	50,0N 77,8E
SEP 16	08			E42	48									
SEP 16	11			C106	12.9									
SEP 16	15			D130	22.8									
SEP 16	19								I 31 26				15,7S 167,3E	
SEP 16	23												10,1S 161,2E	
SEP 17	08			D108	41.0				I 50 31				31,5S 179,8E	
SEP 17	09			C159	12.5				*PP 08 54				17,2N 94,1W	
SEP 18	02			C111	10.0				*PP 59 25				33,0N 142,1E	
SEP 18	02			D111	49.5								47,4N 146,9E	
SEP 18	08			D134	36.6								15,7N 39,0E	
SEP 18	15								E 52 10		PP 52 54	PS 62 36	35,9N 70,4E	
SEP 18	19			C109	47.8				*PP 09 57				5,9S 146,6E	
SEP 18	23			C144	42.5				I 44 47				7,3N 82,8W	
SEP 19	01			C104	47.0								41,0N 30,2E	
SEP 19	03			C140	29.0				*PP 40 41				24,7S 177,3W	
SEP 19	11			C107	11.8		16 15		*PP 07 37		*SP 07 50	PKPKP 35 11	37,3N 141,7E	
SEP 19	13			D104	26.0				*PPKP 04 36				43,0N 145,2E	
SEP 19	14			E36	08								57,8S 23,4W	
SEP 19	17								SG 35 33				66,3N 14,7E	
SEP 19	19			C114	45.4								1,6S 100,5E	
SEP 20	00			E30	52								IONIAN SEA	
SEP 20	00			C144	15.0				*PP 44 35				36,0N 139,9E	
SEP 20	01			E43	32								24,5N 122,2E	
SEP 20	09			C146	59.9								8,0S 74,5W	
SEP 20	09			D159	10.9		67 34		I 59 21		PKP2 60 05	PP 63 48	49,8S 163,4E	
SEP 20	10			C150	53.0				PKP2 51 35				4	

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1967	MTH	DY	HR	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS	
				M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T		
SEP 22	12			D145							
SEP 22	13			C113							
SEP 22	20			D119							
SEP 22	22			C116							
SEP 22	22			C119							
SEP 23	07			C114							
SEP 23	07			E22							
SEP 23	07			D158							
SEP 23	09			C124							
SEP 23	23			C102							
SEP 24	01			D129							
SEP 24	06			C123							
SEP 24	20			C130							
SEP 24	22			C116							
SEP 25	07			D113							
SEP 25	08			D120							
SEP 25	09			D102							
SEP 25	09			C124							
SEP 25	12			C119							
SEP 25	17			C117							
SEP 26	05			D110							
SEP 26	06			C157							
SEP 26	15			D104							
SEP 26	16			E29							
SEP 26	17			D124							
SEP 26	17										
SEP 27	07			C130							
SEP 27	17			C111							
SEP 28	03			D101							
SEP 28	03			C103							
SEP 28	03			D111							
SEP 28	05			C115							
SEP 28	15			D154							
SEP 29	05			C131							
SEP 29	09			C144							
SEP 29	11			D118							
SEP 30	08			C109							
OCT 01	06			E07							
OCT 02	00			D131							
OCT 03	16										
OCT 03	17										
OCT 03	18			C128							
OCT 04	10			C131							
OCT 04	17			D140							
OCT 05	09			D139							
OCT 05	12			D106							
OCT 05	16			D106							
OCT 06	04			D112							
OCT 06	07			D105							
OCT 07	06			E42							
OCT 07	08			C138							
OCT 07	09			C117							
OCT 07	14			D147							
OCT 07	21			D149							
OCT 08	21			D120							
OCT 09	10			D150							
OCT 09	14			D120							
OCT 09	17			C139							
OCT 09	18			D116							
OCT 09	18			D151							

LILLEHAMMER (LHN) SEISMIC STATION BULLETIN - 1967											PAGE 20
1967	MTH	DY	HR	P/PKP	S/SKS	SUPP. 1	SUPP. 2	SUPP. 3	LOG	REMARKS	
				M S	M S	PHASE M S	PHASE M S	PHASE M S	A/T		
OCT 10	01			C133							
OCT 10	06			C145							
OCT 10	06			D158							
OCT 11	07			C154							
OCT 11	16			D104							
OCT 11	16			C137							
OCT 11	23			D106							
OCT 12	06			D153							
OCT 12	13			D103							
OCT 12	18			C146							
OCT 13	03			D132							
OCT 14	03			C141							
OCT 15	03			C140							
OCT 15	08			C112							
OCT 15	18			I01							
OCT 15	21			C154							
OCT 16	17			C138							
OCT 16	23			C142							
OCT 17	05			C111							
OCT 17	14			D127							
OCT 17	21			C117							
OCT 18	01			D105							
OCT 18	01			D116							
OCT 18	03			D119							
OCT 18	14			C141							
OCT 18	22			C126							
OCT 19	08										
OCT 20	06			D153							
OCT 21	05			I04							
OCT 22	05			E43							
OCT 22	07										
OCT 22	23			C116							
OCT 23	03			D104							
OCT 23	08			D138							
OCT 24	03			D132							
OCT 24	06			D119							
OCT 24	08										
OCT 24	11			D104							
OCT 25	01			C111							
OCT 25	02			D109							
OCT 25	09			E06							
OCT 25	09			C132							
OCT 25	09			C135							
OCT 25	16										
OCT 26	00			C134							
OCT 26	05			D101							
OCT 26	17			C135							
OCT 27	08			D103							
OCT 27	08			D112							
NOV 03	07			E51							
NOV 03	12			E43							
NOV 04	10			E35							
NOV 04	13			C138							
NOV 04	14			D141							
NOV 04	14			D157							
NOV 04	16			D114							
NOV 04	16			E39							
NOV 06	10			E38							
NOV 07	20			C105							
NOV 08	02			E07							

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1967		P/PKP	S/SKS	SUPP. 1		SUPP. 2		SUPP. 3		LOG	REMARKS
MTH	DY	M S	M S	PHASE	M S	PHASE	M S	PHASE	M S	A/T	
NOV 08	03	E22 54			*PP 23 09						16.8N 85.9W
NOV 08	13				I 47 33						NEVADA
NOV 08	15				E 15 16						
NOV 08	17	C120 24.2	29 17		I 20 26	PP 22 56		SS 34 24			51.1N 178.5E
NOV 08	17	E33 32			*PP 33 44						51.1N 178.4E
NOV 08	22				E 59 37						LOCAL
NOV 09	02				PP 36 09						07.2S 123.6E
NOV 09	18	C131 11.8			*PP 31 27					1.9	35.5N 140.1E
NOV 10	18	E50 53									00.6S 71.4E
NOV 10	20	C159 20.6								1.4	45.3N 149.8E
NOV 11	00	D132 58.8								1.8	28.4N 138.6E
NOV 11	12	E27 14									06.0S 71.3E
NOV 12	02	D138 20.8								1.7	44.8N 149.8E
NOV 12	10	E48 42									36.3N 71.4E
NOV 12	10	E56 11									17.2S 172.0W
NOV 15	21	E46 40			PP 51 10	PS 60 30					28.7S 71.2W
NOV 18	02	E37 17	42 07		PP 38 02	E 48 12					35.2N 23.1E
NOV 19	01	E35 05									41.1N 20.5E
NOV 19	05				I 53 32						
NOV 19	08	C136 40.6									43.7N 85.8E
NOV 19	12	C118 37.1			PP 21 25						36.4N 141.1E
NOV 19	17	E48 41	55 11		PKP 48 48	PP 51 42					22.6S 170.9E
NOV 20	10	D125 32.2								2.0	51.2N 151.3E
NOV 20	11	C100 28.7			*PP 00 46					1.7	32.0N 140.9E
NOV 21	17	C105 10.6	07 30		I 05 19					1.9	72.7N 8.5E
NOV 22	14				E 24 45	SG 24 58					LOCAL
NOV 22	17				E 48 48	I 48 49					LOCAL
NOV 23	08	D145 24.4	53 11		P 45 28	I 45 31	E 48 23	1.6			14.5N 52.1E
NOV 23	12				PG 07 18	SG 07 19					LOCAL
NOV 23	13				I 41 09						LOCAL
NOV 23	13	C146 31.6	50 09		P 46 39	SS 51 05				1.9	80.2N 1.0W
NOV 23	14				I 11 20	E 11 37				1.7	
NOV 23	14	E59 39	60 16								SOUTH SWEDEN
NOV 24	11				E 30 30						69.0N 15.0E
NOV 24	13				I 56 36						LOCAL
NOV 24	19	C100 13.0								1.3	05.9N 126.5E
NOV 24	22	D124 44.5								1.6	TONGA ISL.
NOV 25	09				I 58 40						LOCAL
NOV 25	13				E 04 28						LOCAL
NOV 26	00	C120 05.6			I 20 07						28.6N 130.0E
NOV 26	03				E 10 23	I 12 05	I 12 10				08.1S 112.9E
NOV 26	03	C129 55.9								1.8	39.4N 20.4E
NOV 26	05				I 10 31						67.6N 32.8E
NOV 26	08	C121 25.3			*PP 21 33					1.7	56.6N 152.2W
NOV 27	04	D136 51.1									60.3N 140.8W
NOV 27	09	C126 49.2									52.3N 159.7E
NOV 27	13	E13 46			*PP 13 57						14.1N 52.0E
NOV 27	21	C157 59.7								1.3	28.5N 129.6E
NOV 28	02	D148 23.0			*PP 48 53	PP 51 57				2.4	32.1N 130.8E
NOV 28	04	C124 18.0								1.6	30.5N 137.5E
NOV 29	09	E26 21	27 07		P* 26 27						60.7N 17.8E
NOV 29	13	E12 11	13 15								
NOV 30	03	E10 02	10 39		PG 10 12	S* 10 43	SG 10 51				
NOV 30	07	C128 28.0	31 48		I 29 36						41.5N 20.5E
NOV 30	07	C147 28.6			I 47 35						41.3N 20.5E
NOV 30	07	C158 26.5									41.3N 20.5E
NOV 30	08	C116 09.2									41.3N 20.5E
NOV 30	08	D117 55.4									41.7N 20.8E
NOV 30	10	100 07.4									41.3N 20.5E
NOV 30	10	E18 29			I 18 32						41.7N 20.4E

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1967		P/PKP	S/SKS	SUPP. 1		SUPP. 2		SUPP. 3		LOG	REMARKS
MTH	DY	M S	M S	-HASE	M S	PHASE	M S	PHASE	M S	A/T	
NOV 30	17										I 11 39
DEC 01	14	C107 35.0	15 43		PCP 08 03	PP 10 02		PPP 11 47		2.3	49.5N 154.4E
DEC 01	18	E35 39			I 35 43						ALBANIA-YUG.
DEC 01	20	E12 29			I 12 33						41.2N 20.1E
DEC 02	00	E28 56			I 29 01						41.3N 20.6E
DEC 02	09	C131 47.8									41.4N 20.3E
DEC 02	12	C149 22.2			I 49 25					2.0	41.3N 20.3E
DEC 02	14	E22 41									41.4N 20.1E
DEC 02	14	E23 41									ALBANIA-YUG.
DEC 02	15				E 05 34	I 05 42					LOCAL
DEC 02	20	D116 27.9			I 16 33					1.4	37.8N 115.2E
DEC 02	23				I 12 18						GREECE
DEC 05	05	D125 28.6			I 25 31	I 25 39				1.6	36.5N 26.9E
DEC 06	05	E21 58			I 22 00						21.3S 178.8W
DEC 06	08	C113 55.7								1.6	27.3N 140.2E
DEC 06	12				PG 57 28	SG 57 32					LOCAL
DEC 07	10	E08 32			SKP 11 43						14.6S 167.3E
DEC 07	18	108 14.5									41.3N 20.2E
DEC 07	20	D147 50.1								1.6	30.8S 179.7W
DEC 08	06	C111 18.1								2.2	49.8N 78.2E
DEC 08	22	C156 15.5	56 46		S* 56 49					1.3	
DEC 09	03	C114 16.6			I 14 27						42.0N 16.5E
DEC 09	05	E46 57									22.2S 179.4W
DEC 10	05				E 45 50						67.1N 33.9E
DEC 10	12	C118 20.2	27 47		I 18 23	I 18 29		I 36 06		1.5	40.5N 124.6W
DEC 10	15	E42 46			I 42 52						46.3N 81.9E
DEC 10	18	E54 15			E 54 42						22.5N 94.8E
DEC 10	23	D101 40.5	10 09		I 01 53	PP 04 10		PPP 05 34		2.1	17.7N 73.9E
DEC 11	21	D100 10.6								1.6	17.3N 73.7E
DEC 11	22	D139 52.8	48 02		SS 52 04					1.7	13.6N 51.6E
DEC 11	23	C112 20.2	14 41							1.4	71.0N 8.0W
DEC 12	06	C128 54.8								1.5	17.6N 73.9E
DEC 12	08				PG 53 27	SG 53 39					LOCAL
DEC 12	12				E 23 50						LOCAL
DEC 12	15	159 12.7									17.4N 73.9E
DEC 12	18				SG 06 15						66.4N 14.8E
DEC 13	1C	C149 05.6			I 50 09	PP 51 32				2.6	47.6N 152.6E
DEC 13	11	108 54.0									49.4N 154.5E
DEC 13	13				E 17 11	I 17 51					ESTHONIA
DEC 13	17	D158 07.0								1.9	47.1N 145.7E
DEC 13	19	E26 23			PKP 26 29						19.1S 168.7E
DEC 14	02	E30 07	37 58								14.3N 53.7E
DEC 14	03	E00 41									34.4N 26.2E
DEC 14	08	E41 09									34.9N 24.3E
DEC 14	13				P* 40 47	S* 41 05					LOCAL
DEC 14	15	E14 43	15 25								
DEC 14	15	E30 37	31 35								
DEC 14	15	E31 11	91 05								
DEC 14	18	C135 36.5									
DEC 14	19	E24 35								1.9	54.6N 160.4E
DEC 15	20	C106 50.9			E 07 08						38.2N 91.3E
DEC 16	21	D104 37.6	13 26		I 04 54	PP 07 05		PPP 08 56		2.1	29.1S 177.6W
DEC 17	00	D133 21.2			I 33 32	PP 35 09					51.2N 157.7E
DEC 18	11	C101 09.2									36.5N 71.4E
DEC 18	11	E12 53	13 31		P* 12 56	S* 13 38					29.1N 81.9E
DEC 18	12	E07 15	07 44								LOCAL
DEC 18	13	E53 34	54 17		P* 53 40						
DEC 18	13		54 53		S* 55 00						
DEC 18	14	C118 09.6			*PP 18 20	PCP 18 37				1.5	36.2N 111.7E
DEC 18	16				E 57 59						LOCAL

