

UNIVERSITETET I BERGEN
JORDSKJELVSTASJONEN
(Seismological Observatory)

Seismological Bulletin
Tromsø, Norway
1964—1965

By
ANDERS SØRNES and JAKOB BLEIE

BERGEN — NORWAY 1968

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Tromsø (TRO), Norway

Latitude: 69° 37' 57" N
 Longitude: 18° 55' 41" E
 Elevation: 28 meters
 Foundation: Gneiss

The seismological station at Tromsø has been in normal operation since September 17, 1960. The US Coast & Geodetic Survey has supplied the seismometers and the recorder. The station is operated by cooperation between Tromsø Museum and the University of Bergen.

The instrumentation comprises a three-component short-period Benioff system with 35 mm film recorder. The free period of the seismometers is 1 sec and of the galvanometer 0.2 sec. The magnification at 1 cps is kept about 50000. Damping ratio: 17/1. The drum speed is 15 mm/min. The arrival times are read to a tenth of a second. The arrival time given for each phase is the earliest onset of the phase on any component.

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. Capital letters are used only, and pP for example is indicated by *PP.

TROMSØ (TRO) SEISMIC STATION BULLETIN - 1964											PAGE 1
YEAR	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		
1964											
JAN	01	17		136 47.4			PCP 37 25				
JAN	01	21		114 33.4							
JAN	01	22		152 31.1							
JAN	01	23		150 47.1							
JAN	02	05		111 17.2							
JAN	02	05		130 16.8							
JAN	03	17		136 33.6							
JAN	05	12		109 45.3							
JAN	06	06		105 49.4							
JAN	06	16		153 17.5							
JAN	06	23		155 05.1			PCP 56 06				
JAN	09	03		109 34.7			PCP 10 13				
JAN	09	18		141 55.3			PCP 42 39		PP 44 09		
JAN	10	05		101 06.9			PCP 01 51		PP 03 21		
JAN	10	17		107 27.8							
JAN	12	05		137 43.3							
JAN	12	06		110 00.1			PCP 10 52				
JAN	12	12		153 34.7			PP 55 10		PCP 55 27		
JAN	15	21		136 40.7			I 36 51				
JAN	15	21		147 29.3			I 48 00		I 48 44		
JAN	17	03		104 25.5							
JAN	17	03		132 52.7			PP 34 32				
JAN	18	12		116 09.9			PCP 16 29		PP 18 59		
JAN	18	22		147 33.0			PCP 47 50				
JAN	19	09		122 26.1			PCP 23 55				
JAN	19	12		153 41.3			I 54 35				
JAN	20	17		122 26.0			I 22 36		I 23 01		I 26 08
JAN	22	16		109 12.2			PCP 09 43		PP 11 18		
JAN	23	00		118 32.1			I 18 53				
JAN	24	17		127 05.3			PCP 27 47		I 28 17		I 29 28
JAN	24	21		141 33.8							
JAN	28	14		116 59.1	23 17		PP 18 33				
FEB	01	04		113 06.8							
FEB	04	02		144 03.6							
FEB	05	11		140 58.9			PCP 41 32				
FEB	05	16		124 20.6			I 25 14				
FEB	06	13		116 54.7			PCP 17 52		PP 18 57		PPP 20 06
FEB	06	13		123 14.8			PCP 24 15				
FEB	07	01		156 59.2							
FEB	07	13		109 20.7			PCP 09 55				
FEB	08	11		127 28.6							
FEB	09	02		118 12.6							
FEB	13	05		151 49.8							
FEB	13	10		114 04.8							
FEB	13	14		101 03.8			PP 02 42		PCP 03 02		PPP 03 05
FEB	15	13		119 23.7							
FEB	15	17		110 49.5			I 11 44				
FEB	16	00		125 18.1			PP 25 57				
FEB	16	04		156 26.6			I 56 51				
FEB	18	12		157 01.3							
FEB	19	14		116 58.1			I 18 09				
FEB	20	10		103 55.8			PCP 04 33				
FEB	22	02		106 41.6							
FEB	25	04		114 58.2							
FEB	25	10		114 41.1							

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Table with columns: YEAR 1964, 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. Rows include seismic events from FEB 26 to MAR 19, 1964.

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Table with columns: YEAR 1964, 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. Rows include seismic events from MAR 20 to MAR 29, 1964.

TROMSOE (TRO) SEISMIC STATION BULLETIN - 1964											PAGE 4
YEAR	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	
1964	MAR	29	16	149	57.0		PCP 51 14				
	MAR	29	17	102	20.8		PCP 63 40				
	MAR	30	02	127	29.1		PCP 28 24				
	MAR	30	02	151	22.5						
	MAR	30	07	118	31.7		PCP 19 51				
	MAR	30	11	158	05.2						
	MAR	30	12	114	41.4						
	MAR	30	12	123	40.3						
	MAR	30	13	112	59.7						
	MAR	30	13	141	45.8						
	MAR	30	14	120	04.3						
	MAR	30	15	116	55.1		PCP 17 59	I 18 08	I 18 14		
	MAR	30	16	118	50.6						
	MAR	30	17	102	31.9						
	MAR	31	00	124	13.6		I 24 32	I 25 08	I 25 22		
	MAR	31	02	152	58.0						
	MAR	31	04	129	13.0		PCP 30 32				
	MAR	31	09	111	22.7						
	MAR	31	12	101	58.3						
	MAR	31	12	102	37.6		I 03 07	I 03 49			
	MAR	31	23	145	49.3						
	APR	01	00	110	05.0						
	APR	01	15	121	11.1		I 21 12				
	APR	02	01	C123	49.6		I 23 55				
	APR	02	16	109	32.6		I 09 38				
	APR	02	20	115	20.3						
	APR	03	04	C124	55.0						
	APR	03	05	104	52.5						
	APR	03	08	155	53.7						
	APR	03	14	CE37	59		I 38 33				
	APR	03	22	C142	24.3		PCP 43 32	PP 44 13	PPP 45 02		
	APR	04	04	143	52.2						
	APR	04	05	102	55.2		PPP 05 37				
	APR	04	08	149	54.2		I 50 39				
	APR	04	09	120	17.4		PCP 21 21	PP 22 10	PPP 23 17		
	APR	04	17	155	34.2		PCP 56 37	PP 57 35	PPP 58 28		
	APR	04	18	C109	07.6		PCP 10 10	PP 11 04			
	APR	04	18	125	18.8		*PP 25 26				
	APR	05	01	C131	38.4		PCP 32 40				
	APR	05	01	151	09.6		PCP 52 10				
	APR	05	19	D137	13.7						
	APR	06	16	120	57.2						
	APR	06	17	144	54.1						
	APR	07	13	C131	23.7						
	APR	07	14	156	11.4		I 56 16	I 56 29			
	APR	07	18	111	49.2						
	APR	07	19	C137	55.2		I 38 04				
	APR	08	08	120	36.7						
	APR	08	11	108	09.5		PCP 08 57				
	APR	08	14	D119	13.2		PCP 20 22	PP 21 42	PPP 22 02		
	APR	08	19	108	17.8						
	APR	08	19	142	19.4						
	APR	08	19	D159	12.1		PCP 60 20	PP 62 00			
	APR	10	01	117	10.7						
	APR	10	19	D114	53.1						

TROMSOE (TRO) SEISMIC STATION BULLETIN - 1964											PAGE 5
YEAR	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	
1964	APR	10	21	153	06.2		PCP 54 15	PP 55 14			
	APR	10	23	107	20.6		I 07 55				
	APR	11	01	124	09.1						
	APR	11	16	106	44.0		PP 07 40	PPP 08 00			
	APR	12	01	133	54.5						
	APR	12	01	134	52.2						
	APR	12	09	131	25.5						
	APR	12	11	130	12.0						
	APR	12	12	112	10.5		PP 13 22				
	APR	12	14	110	34.1						
	APR	12	17	130	56.8						
	APR	13	03	C129	52.5						
	APR	13	08	D135	21.0						
	APR	13	08	157	00.7		PP 60 21	PPP 62 22			
	APR	13	19	126	06.5						
	APR	13	21	C134	49.2						
	APR	14	16	103	55.5						
	APR	14	23	104	43.3		PCP 05 48				
	APR	15	15	C140	09.4		PCP 41 10				
	APR	15	16	146	19.5		I 46 28				
	APR	15	17	111	58.9						
	APR	15	20	139	58.4						
	APR	16	01	115	19.3						
	APR	16	06	131	38.6						
	APR	16	13	153	01.5						
	APR	16	19	C136	20.5		PCP 37 19	PP 38 20	PPP 39 19		
	APR	17	04	158	54.5		PCP 59 53				
	APR	17	09	C118	23.2		PCP 19 25				
	APR	18	05	137	48.2		PCP 38 31	PP 39 54			
	APR	18	06	105	46.0						
	APR	18	20	117	48.0						
	APR	18	20	125	42.1						
	APR	18	22	E08	43		I 08 54				
	APR	20	12	D105	25.9						
	APR	20	12	E06	54						
	APR	21	05	110	19.5		PCP 11 32				
	APR	21	08	111	54.3						
	APR	22	20	C119	03.5		I 19 08				
	APR	23	03	147	02.5						
	APR	23	21	118	11.2						
	APR	24	00	152	01.9		PCP 53 03				
	APR	24	06	C110	11.7		PP 14 23				
	APR	25	18	C149	37.1						
	MAY	01	06	D110	47.9		PCP 11 53				
	MAY	03	07	142	20.4						
	MAY	05	08	111	52.0						
	MAY	10	02	125	48.0						
	MAY	11	06	D116	07.1						
	MAY	12	18	126	08.6		*PP 26 14	I 26 20			
	MAY	12	18	131	46.6						
	MAY	13	03	121	29.4						
	MAY	13	05	144	58.3		I 45 08				
	MAY	14	09	121	04.2						
	MAY	16	06	107	43.0						
	MAY	16	08	146	47.4						

TROMSOE (TRO) SEISMIC STATION BULLETIN - 1965													PAGE 1				
YEAR	P/PKP		S/SKS		SUPP. 1		SUPP. 2		SUPP. 3		LOG						
1965	MTH	DY	HR	M	S	M	S	PHASE	M	S	PHASE	M	S	PHASE	M	S	A/T

JAN	01	21		DI45	22.0				I	45	32						
JAN	02	13		D156	32.9				I	56	41	PP	59	46			
JAN	02	18		DE22	30												
JAN	04	11		C142	59.0												
JAN	06	18		C136	28.0												
JAN	09	13		145	23.4												
JAN	10	02		157	30.1				I	57	44	PP	58	12	PPP	58	29
JAN	11	17		106	12.2												
JAN	11	20		124	18.7												
JAN	12	13		C142	11.2				I	42	25	PCP	43	00			
JAN	12	14		105	06.2												
JAN	14	19		D105	51.1												
JAN	15	00		C141	52.2				I	42	03						
JAN	15	06		C106	45.8												
JAN	15	23		DE54	17												
JAN	16	05		149	07.0												
JAN	16	11		151	35.3												
JAN	17	02		DE20	08												
JAN	17	02		DI22	37.3												
JAN	17	03		DI46	26.9												
JAN	17	11							I	04	05						
JAN	18	00		DI30	38.0												
JAN	18	03		136	19.3												
JAN	20	06		DE36	22												
JAN	22	02		C152	16.4												
JAN	22	03		DE48	54				I	49	52						
JAN	23	02		DE44	59												
JAN	23	11		110	55.1	11	55		P*	11	07	I	12	13			
JAN	23	16		143	21.7	44	19		I	43	25						
JAN	23	16		DE48	13												
JAN	23	21							I	32	54						
JAN	23	22		101	54.7												
JAN	23	22		DE11	03												
JAN	23	23		D136	15.6												
JAN	24	00		C124	49.0				I	25	05	PP	28	46			
JAN	24	01		131	47.6												
JAN	24	22		D140	15.3	41	13		P*	40	25	S*	40	36	I	44	55
JAN	26	23		D158	15.2												
JAN	27	20							I	43	05	I	43	59			
JAN	29	09		C144	39.8												
JAN	29	20		114	15.8												
JAN	29	22		141	51.0												
JAN	29	23		145	53.7												
JAN	30	04		D147	07.9												
JAN	30	18		C124	00.3												
JAN	31	23		146	09.5												
FEB	01	05		145	16.8												
FEB	01	14		DE13	06												
FEB	02	04		D124	19.2												
FEB	02	16		C104	50.2												
FEB	03	16		113	25.3												
FEB	03	17		D145	20.5	46	15										
FEB	04	03		144	39.1				I	44	48						
FEB	04	05		103	51.7												
FEB	04	05		111	14.7				I	11	19	*PP	11	23			

TROMSOE (TRO) SEISMIC STATION BULLETIN - 1965													PAGE 6
YEAR	P/PKP		S/SKS		SUPP. 1		SUPP. 2		SUPP. 3		LOG		
1965	MTH	DY	HR	M	S	PHASE	M	S	PHASE	M	S	A/T	
MAR 25	07	E35	46										
MAR 25	09	E02	58										
MAR 25	20	E02	56										
MAR 26	00	C138	59.9										
MAR 26	02	C130	06.9										
MAR 26	16	I22	30.9										
MAR 26	20	E35	52										
MAR 29	14	I42	27.7										
MAR 30	00	E16	30										
MAR 30	02	D137	04.3						PP	39	23		
MAR 30	03	I03	15.3										
MAR 30	03	I21	01.0										
MAR 30	04	C142	49.6										
MAR 30	06	C135	03.4										
MAR 30	12	C120	36.2										
MAR 30	16	C109	54.8										
MAR 30	16	D118	45.8										
MAR 30	16	E20	21										
MAR 30	19	C111	12.2										
MAR 31	08	I31	21.0										
MAR 31	09	C153	43.1										
MAR 31	10	C156	09.4						PCP	57	08		
MAR 31	15	I37	14.9	37	38								
MAR 31	22	E42	32										
APR 01	07	I21	13.0										
APR 02	15	E54	47	56	14				I	54	56		
APR 02	22	E34	35						PP	36	11		
APR 04	13	I40	25.0						I	40	26		
APR 05	03	I19	18.5						PCP	22	02		
APR 05	12	I29	33.9						E	29	39		
APR 05	12	I54	59.3						E	55	05		
APR 05	13	I39	31.5						E	39	36		
APR 05	14	I02	17.6						*PP	02	38		
APR 05	14	I10	09.0						I	10	13		
APR 06	03	I28	46.6										
APR 06	05	I42	40.7						I	42	43		
APR 06	13	E35	37										
APR 07	04	E	36	25									
APR 07	10	E48	49						E	48	55		
APR 08	13	I53	35.9						*PP	53	48		
APR 08	14	I40	56.0										
APR 08	15	E54	08						E	54	13		
APR 10	14	I19	20.0										
APR 10	17	I04	35.0						PP	06	39		
APR 10	22	I50	49.2						PP	53	21		
APR 10	23	I10	45.3										
APR 11	00	PKP2	30	58					I	31	07		
APR 11	17	E	23	09									
APR 11	19	I09	51.1						I	09	53		
APR 11	19	E38	53										
APR 11	22	E43	16						E	43	16		
APR 12	20	PCP	52	11									
APR 13	17	*PP	55	13									
APR 13	23	I32	37.1										
APR 14	07	*PP	45	14									

TROMSOE (TRO) SEISMIC STATION BULLETIN - 1965													PAGE 7
YEAR	P/PKP		S/SKS		SUPP. 1		SUPP. 2		SUPP. 3		LOG		
1965	MTH	DY	HR	M	S	PHASE	M	S	PHASE	M	S	A/T	
APR 15	05	I20	51.3						I	20	56		
APR 16	14	E43	51						E	44	04		
APR 16	23	E30	45										
APR 17	00	I10	09.9										
APR 17	03	I47	25.3										
APR 18	06								E	44	54		
APR 18	09	I58	31.5						I	58	33		
APR 19	06	I53	29.4										
APR 19	08	E18	31						I	18	46		
APR 19	23	I52	49.2						PCP	53	24		
APR 20	06	I52	50.4						*PP	52	59		
APR 20	06	I59	33.9						E	59	43		
APR 20	14	E	07	21									
APR 21	20	E46	55										
APR 21	21	E47	33										
APR 22	01	I24	19.0										
APR 22	18								I	01	43		
APR 22	18	I45	49.9						I	45	52		
APR 24	00	E24	02										
APR 24	03	E18	46										
APR 24	08	I14	12.4										
APR 24	22	I08	17.4										
APR 25	00	E31	45										
APR 25	01	I11	11.2						*PP	11	19		
APR 25	01	I53	17.0						*PP	53	32		
APR 25	01	E	59	01									
APR 25	02	I35	24.8										
APR 25	02	E	59	01									
APR 25	05	I50	08.2										
APR 25	08	I49	17.6						E	49	30		
APR 25	14	I17	32.9										
APR 25	15	E33	30										
APR 25	15	E42	23						*PP	42	35		
APR 25	16	E47	44										
APR 25	21	I25	28.3										
APR 26	02	E06	17						*PP	06	28		
APR 26	13	I38	45.4						E	38	53		
APR 26	20	I38	44.5						I	38	50		
APR 26	21	I	38	08									
APR 26	22	I27	18.4						I	27	25		
APR 27	14	I15	47.5	21	14				*PP	16	01		
APR 27	14	I59	54.5										
APR 28	01	I35	33.2						I	35	35		
APR 29	15	I38	44.8						I	38	46		
APR 29	16	I01	27.8										
APR 30	03								I	12	52		
MAY 01	02	I06	57.3										
MAY 01	02	I26	49.7										
MAY 01	13	I15	46.1										
MAY 01	21	I36	46.7						I	36	51		
MAY 02	09	I14	44.7										
MAY 02	11	I10	15.8										
MAY 02	22	E46	02	46	47				I	46	32		
MAY 03	10	E14	04						E	14	09		
MAY 03	12	E54	43										
									I	46	54		
									E	14	11		
									I	47	04		

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YEAR 1965	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
JUL 29	08	139	23.0	47 36					
JUL 29	09	E01	45						
JUL 29	09	I05	15.4			I 05 30	PPP 09 06		
JUL 29	12	E30	24			*PP 30 35			
JUL 29	15	I18	37.3			I 18 50			
JUL 30	07	I32	24.2			I 32 29			
JUL 30	19	E15	33						
JUL 31	21	E54	17						
AUG 01	15	D112	01.5			PCP 12 26			
AUG 01	16	I49	49.6			I 50 00			
AUG 01	20	C118	42.4			I 18 55			
AUG 02	00	E03	50			I 03 56			
AUG 02	13	E39	49			I 40 28			
AUG 02	14	I47	00.3						
AUG 02	16	D155	52.1						
AUG 02	19	I20	34.4						
AUG 02	19	D148	45.2						
AUG 03	07	E10	33						
AUG 03	07	C144	36.0						
AUG 03	18	E19	13						
AUG 04	01	D118	02.8						
AUG 04	09	C105	35.3						
AUG 05	00	E26	13						
AUG 06	02	E10	19						
AUG 06	18	D124	17.2						
AUG 08	09	C159	37.7						
AUG 08	12	D159	15.1						
AUG 08	16	E25	44						
AUG 10	11	I25	01.0						
AUG 11	03	E59	50			PP 61 27			
AUG 11	07	I37	38.5						
AUG 11	18	E37	42						
AUG 11	20	E06	36						
AUG 11	20	E11	23			I 11 28			
AUG 11	21	I14	08.8						
AUG 11	22	I50	41.7			PP 52 30			
AUG 12	02	I40	25.3						
AUG 12	08	D120	37.0			PP 22 25			
AUG 12	13	E11	33						
AUG 12	18	I23	46.6			I 24 01			
AUG 13	02	D125	27.9						
AUG 13	04	I59	48.1			I 60 02			
AUG 13	11					I 43 49			
AUG 13	12	I59	09.9			I 59 25	I 59 30		
AUG 13	13	I32	26.2						
AUG 14	11	E26	35						
AUG 14	11	I49	40.1						
AUG 14	13	E36	48						
AUG 14	17	C122	27.2						
AUG 15	06	D107	29.9						
AUG 15	19	I49	23.3						
AUG 16	12	I29	38.5			I 29 47			
AUG 16	12	I32	22.5			I 32 31			
AUG 16	12	I48	02.1			I 48 15			
AUG 16	20	I01	38.6						

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YEAR 1965	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
AUG 17	10	CE47	14	57 14				I 47 19	
AUG 17	13	E26	06					I 26 07	
AUG 17	14	I14	31.9						
AUG 18	15	E10	26					I 10 32	
AUG 20	06	E08	09						
AUG 20	21	E40	57						
AUG 21	13	E15	32	16 17		PG 15 44	I 41 16	PKS 44 20	
AUG 22	03	C119	47.8	20 51			SG 16 28		
AUG 22	03	E40	22						
AUG 22	10	E59	09						
AUG 22	13	I28	47.3						
AUG 23	14	I15	06.2						
AUG 23	19	C158	28.8			PP 16 02	PPP 16 17		
AUG 23	21	E49	18			PP 61 40	PPP 63 24		
AUG 23	23	I24	51.3						
AUG 23	23	I26	11.8						
AUG 24	01	I08	51.4						
AUG 24	01	D113	26.8						
AUG 24	01	I17	46.3						
AUG 24	07	C125	26.9						
AUG 24	12	E50	31						
AUG 24	12	D157	49.8	59 00					
AUG 24	13	E49	24						
AUG 25	05	E04	40						
AUG 27	04	I30	00.7						
AUG 27	18	C132	08.7						
AUG 28	08	D100	15.6						
AUG 29	01	C158	15.2						
AUG 29	13	E05	28						
AUG 29	14	I15	18.8						
AUG 29	18								
AUG 30	03	I51	00.6						
AUG 31	02	E41	29						
AUG 31	07	D136	18.0			PP 37 29	PPP 37 49		
AUG 31	08	E14	40						
AUG 31	19	D155	15.8						
SEP 01	04	C137	58.5						
SEP 01	05	E06	52						
SEP 01	06	E57	05						
SEP 02	04	C136	24.7						
SEP 03	13	I35	58.0			*PP 36 34			
SEP 03	16	D128	40.0						
SEP 04	07	C158	38.9						
SEP 04	10	D129	52.3						
SEP 04	14	C141	59.7			*PP 29 59	PCP 30 33		
SEP 06	11	D152	36.2						
SEP 06	14	I55	05.9	56 04					
SEP 07	07	D109	24.4						
SEP 08	03	I35	37.3						
SEP 08	07	D113	45.6			*PP 35 43			
SEP 08	11	C126	03.5						
SEP 08	12	I04	55.5						
SEP 09	10	E15	20						
SEP 09	17	C149	47.9						
SEP 10	15	C111	56.4						
SEP 10	19	I36	28.2						

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YEAR		TROMSOE (TRO) SEISMIC STATION BULLETIN - 1965															PAGE 16	
1965			P/PKP		S/SKS		SUPP. 1		SUPP. 2		SUPP. 3		LOG					
MTH	DY	HR	M	S	M	S	PHASE	M	S	PHASE	M	S	PHASE	M	S	A/T		

DEC	06	08	104	18.6														
DEC	06	11	147	21.8				I	47	45								
DEC	06	21	E59	36														
DEC	07	08	D146	31.6														
DEC	08	18	124	42.0				I	25	24								
DEC	09	06	D120	12.6														
DEC	09	20	D136	02.8														
DEC	12	00	157	55.2														
DEC	12	19	C133	59.6														
DEC	13	05	D155	22.9														
DEC	13	11	D102	16.3				*PP	02	28								
DEC	13	14	D156	18.0														
DEC	13	22	147	45.2														
DEC	13	23	103	25.4														
DEC	15	04	C154	13.9				*PP	54	37								
DEC	15	23	118	05.1														
DEC	16	23	124	41.7														
DEC	18	08	D140	53.6														
DEC	18	13	130	32.1				I	30	48								
DEC	20	00	114	20.5				PP	15	14			I	24	30			
DEC	22	00	C138	21.2				*PP	38	32			PCP	39	21			
DEC	22	03	131	38.6				*PP	31	50								
DEC	22	07	D136	49.8														
DEC	22	19	C150	29.7				*PP	50	43								
DEC	23	11	118	27.7														
DEC	23	20	C156	25.5				I	56	33								
DEC	24	04	126	34.7														
DEC	25	03	115	52.6														
DEC	25	19	138	39.2														
DEC	28	07	D149	26.5														
DEC	28	20	C144	00.5				*PP	44	16								
DEC	30	02	116	13.1				PCP	17	11								
DEC	30	17	D107	01.5														
DEC	31	08	D159	50.5	60	48		T	64	41								