

Sydney Observatory
 Milne Seismograph - E-W Component
 Constants BP = 18^s DV 1mm = 0".38

Date 1937	Phase	Time Greenwich Hours	A _E mm	Δ Kms	Remarks
January 4	eP	22 57 18			
	eS	23 01 08			
	L	04 00			
	M	05 26	1.2	2350	
	L	07 45			
	M	08 45	1.1		
5	eP	0 06 20			
	eS	13 00			
	L	19 24		4970	
	M	20 20	1.0		
5	e	4 58 50			
	L	5 04 40			
	M	07 00	0.6		
	L	11 20			
5	M	12 40	0.5		
	e	10 24 05			
	L	32 30			
	M	33 05	0.9		
6	L	34 05			
	M	35 30	0.6		
	eP	3 54 36			
	L	4 06 45			
6	M	07 45	1.1		
	eP	13 33 24			
	PR ₂	40 24			
	eS	44 12			
7	SR	48 42			
	L	14 02 30			
	M	03 05	3.3		
	L	12 00			
	M	13 45	5.4		
	L	15 30			
9	M	20 45	8.6		
	L	3 38 00			
	M	38 45	0.2		
	e	5 41 00			
9	L	43 24			
	M	44 00	0.2		
	L	5 35 00			Plot in micros
15	M	39 48	0.4		
	eP	4 37 18			
22	L	44 36			
	M ₁	47 00	0.8		P? micros precede
	M ₂	49 20	0.7		
	eP	11 01 36			
23	eS	06 30			
	L	11 00			
	M	12 15	2.1	3200	
25	eP	6 39 30			
	eS	43 50			
	L	45 27			
	M	47 30	16.5		
	L	48 20			
	M	49 00	8.4	2750	
	L	50 00			
	M	50 40	6.5		

Sydney Observatory
 Milne Seismograph E-W Component.
 Constants BP = 18^s DV 1mm = 0"38

Date 1937	Phase	Time Greenwich Hours	A E mm	Δ km	Remarks
January 26	e	70 22 10			
	L	23 30			
	M	26 48	0.2		
February 1	e	9 29 25			
	L	27 40			
	M	30 15	1.0		
12	eP	5 07 24			
	L	17 12			
	M	18 24	0.6		
	L	23 30			
	M	25 15	0.3		
26	eP	7 15 00			
	iS	24 30			
	SR	29 18			
	SR ₁	35 40			8,200
	L	44 30			
	M	45 30	1.5		
	L	52 00			
	M	54 24	3.5		
	L	8 02 00			
	M	04 30	3.5		
23	L	1 37 12			
	M	43 10			
	L	47 30	0.5		
	M	50 35	0.4		
25	e	10 56 12			
	L	59 42			
	M	11 01 12	0.2		
27	e	21 25 00			
	L	28 40			
	M	30 10	0.2		

Sydney Observatory
 Milne Seismograph - E-W Component
 Constants BP = 18^s, DV, 1mm = 0".38

Date 1937	Phase	Time Greenwich H-M-S	A E	Δ	Remarks
March 5	e	13 24 32			
	L M	35 15 36 00	0.2		
	L M	38 45 39 30	0.2		
	9	e	16 32 42		
	L M	46 12 50 30	0.3		
	L M	54 00 55 10	0.2		
14	e	12 36 40			
	L M	49 55 52 30	0.2		
30	e	14 54 05			
	L M	07 30 10 20	0.4		

Sydney Observatory.
 Milne Lever's graph E-W Component
 Constants $BP = 18^s$ $DV 1mm = 0''.38$

Date	Phase	Time Greenwich # min s	AE mm	Δ kms	Remarks
1937 April 1	eP	17 32 55			
	L	39 30			
	M	42 15	0.3		
	L	45 00			
	M	46 30	0.2		
2	e	5 35 30			
	L	37 48			
	M	41 00	0.2		
3	eP	4 00 15			
	eS	04 20			
	L	07 05	1.4	2560	
	M	09 40			
5	eP	7 03 30			
	eS	09 24			
	L	14 38			
	M	16 48	3.5		
	L	17 36			
	M	18 15	3.2	4160	
	L	18 45			
	M	21 00	7.5		
	L	23 42			
	M	25 00	4.1		
8	e	14 52 00			
	L	15 08 40			
	M	12 00	0.2		
11	e	4 52 30			
	L	56 10			
	M	56 40	0.7		
11	e	6 31 36			
	L	36 36			
	M	38 30	0.2		
16	eP	3 03 24			
	eS	07 12			
	L	09 00			
	M	10 30	5.8		
	L	11 50			
	M	12 36	8.5		
	L	14 00			
	M	14 36	9.0	2330	
	L	15 30			
	M	17 00	8.5		
	L	19 30			
	M	20 24	4.5		
	L	21 00			
	M	22 00	6.6		
	L	24 00			
	M	25 40	3.5		
24	e	5 05 50			
	L	14 00			
	M	15 00	0.1		
28	e	14 02 40			
	L	12 30			
	M	13 10	0.5		
29	e	19 16 18			
	c	17 42			
	L	45 30			
	M	46 45	0.5		
	L	52 36			
	M	53 30	0.4		

Sydney Observatory
Mikro Seismograph. E-W Component.
Constants: - BP = 18^s DV 1 min = 0.38

Date	Phase	Time	A _E	Δ	Remarks
1937		Epoch H m s	mins	Kms	
May 1	e	12 57 03			
	L	13 02 00			
	M	04 00	0.4		
9	e	15 05 00			
	L	21 55			
	M	23 30	0.2		
	L	38 00			
	M	41 00	0.2		
	L	44 05			
	M	46 40	0.4		
10	e	15 18 30			
	L	37 00			
	M	38 30	0.2		
12	eP	2 53 18			
	iS	3 59 08			
	L	3 03 50		4100	
	M	04 30	0.7		
12	e	13 32 00			
	L	50 12			
	M	56 50	0.2		
16	e	11 43 24			
	L	53 42			
	M	59 00	0.6		
23	e	6 16 50			
	L	23 10			
	M	25 15	0.4		
28	e	3 32 12			
	L	34 00			
	M	35 30	0.2		
31	P	?			P? preceded by air tremors.
	iS	15 42 10			
	L	46 30			
	M	48 20	0.7		

37
22
33

3465

Sydney Observatory
 Milne Seismograph. E-W Component
 Constants $OB.P = 18^s$ D.V. $1mm = 0.1$



Date 1937	Phase	Time Greenwich			A E mmms	Δ Kms	Remarks
		H	M	S			
June 3	P						P? Micros precede.
	eS	0	6	00			
	L		14	00			
	M		17	12	0.7		
7	e	15	23	00			
	L		25	24			
	M		26	12	0.3		
8	e	3	55	24			
	L		58	36			
	M	4	0	36	0.3		
14	eP	12	35	20			
	eS		39	20			2.490
	L		42	55			
	M		44	24	1.0		
8	e	10	49	00			
	L		53	50			
	M		54	50			
14	eP	13	15	05			
	eS		19	18			2.650
	L		21	05			
	M		23	36			
15	e	10	02	00			
	L		08	40			
	M		10	36			
15	e	21	57	00			
	L		56	15			
	M		58	15			
21	e	14	12	00			
	L		16	00			
	M		18	45			
21	e	15	32	00			
	i		42	45			
	i		49	48			
	L	16	11	12			
	M		16	30	4.0		
	L		22	30			
	M		24	36	0.5		
28	e	21	34	42			
	L		40	30			
	M		43	30	0.5		
28	e	23	49	30			
	L		51	50			
	M		54	30	0.2		

Uncorrected Reading.

April 16	eP	3	07	12			
	iS		11	50			
	L		15	40			
	M		17	00	9.0		
	L		19	30			
	M		20	24	4.5		
	L		21	00			2.990
	L		22	00	6.5		
	M		24	00			
	M		25	40	3.5		

Sydney Observatory.
 Milne Seismograph. E-W Component
 Constants BP = 18° DV 1mm = 0.38.



Date 1937	Phase	Time Greenwich h m s	A E mm	Δ km	Remarks
July 2	eP	2 42 30			
	eS	47 20			
	L	49 45		2160	
	M	52 30	1.5		
4	eP	6 00 42			
	eS	05 18			
	L	07 45			
	M	08 30	1.0		
	L	09 55			
	M	10 24	1.4	2970	
	L	11 15			
	M	11 50	1.6		
4	L	13 00			
	M	13 30	2.0		
	eP	7 31 36			
	eS	36 00			
	L	38 30			
	M	39 30	2.5	2800	
	M	41 15	2.6		
4	eP	6 44 18			
	eS	48 45			
	L	51 18			
	M	52 00	1.5	2790	
	L	53 00			
	M	54 18	3.0		
13	e	10 59 30			
	L	11 01 03			
	M	03 18			
19	eP	2 59 05			
	eS	3 04 12			
	L	07 30			
	M	10 00	0.9	3400	
19	e	9 36 40			
	L	38 30			
	M	39 15	0.4		
19	e	19 55 35			
	L	20 06 18			
	M	07 24	0.3		
22	e	17 34 24			
	L	18 15 00			
	M	20 30	0.7		
	L	27 18			
	M	29 50	0.5		
	L	40 00			
	M	44 00	0.6		
	L	56 12			
	M	57 24	0.5		
	M	19 25 10	0.5		
26	L	28 12			
	L	34 15			
	M	36 00	0.4		
	eP	4 07 03			
26	eS	12 10			
	L	17 12			
	M	18 15	0.6	3400	
	M				



Sydney Observations.
 Milne Seismograph. E-W Component.
 Constants B.P. = 18^s D.V. 1 mm = 0.38



Date	Phase	Time - Greenwich Mean	A E mm	Δ kms.	Remarks
1937					
July 26	e	20 11 12			
	L	25 24			
	M	26 30	0.2		
	L	29 18			
	M	30 00	0.3		
	L	31 50			
	M	34 00	0.3		
30	e	14 07 00			
	L	18 36			
	M	21 30	0.7		
31	e	20 56 40			
	L	21 12			
	M	24 30	0.2		
	L	33 50			
	M	36 00	0.2		

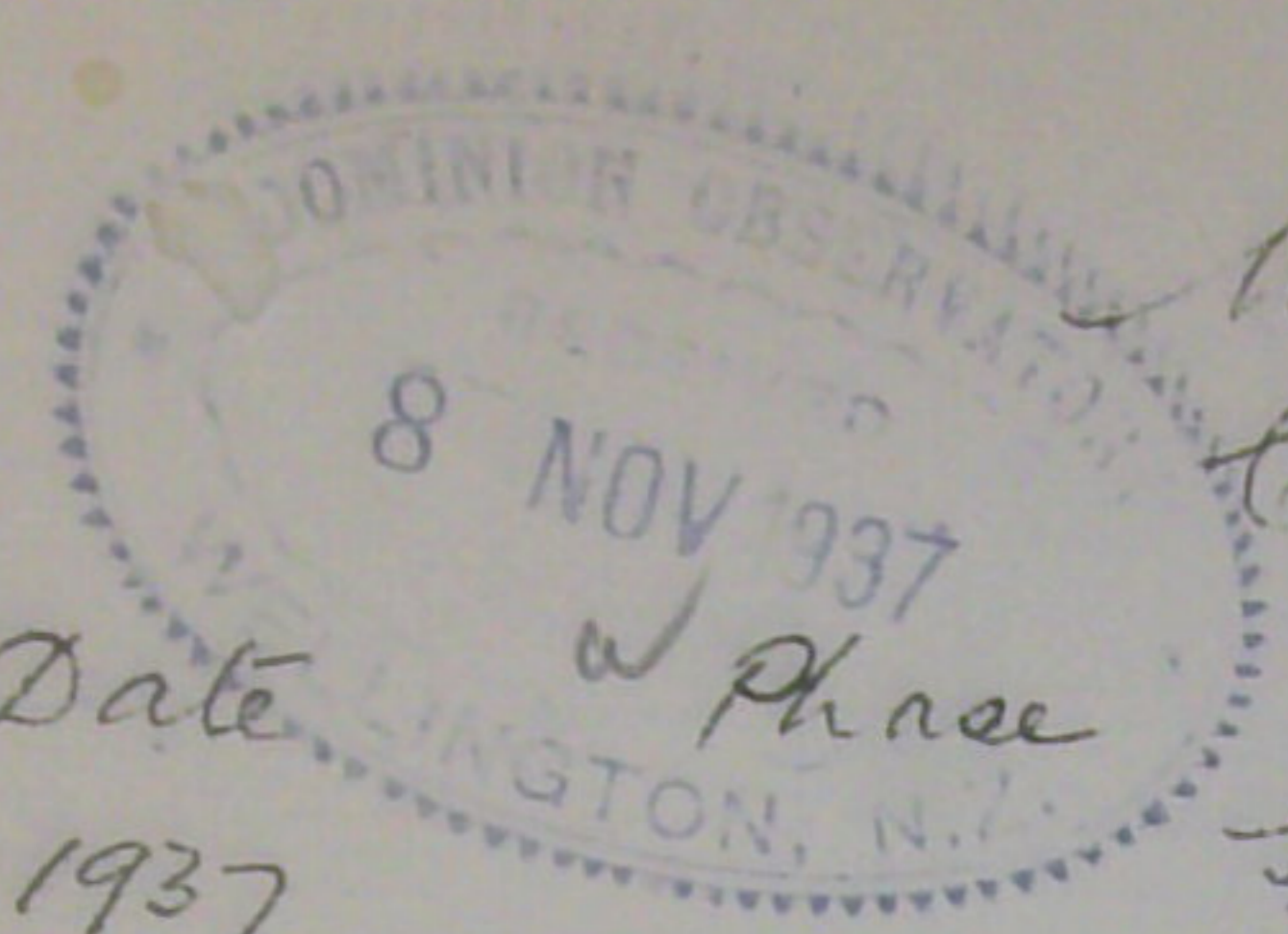
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Sydney Observatory
 Milne Seismograph. E-W Component.
 Constants $BP = 18^s$ $D.V. 1 \text{ mm} = 0''38$



Date	Phase	Time -Greenwich H M S	A _E mm	Δ Kms	Remarks
1937 August 5	eP	14 49 24			
	eS	54 18			
	L	59 00			
	M	15 00 12			
6	e	5 35 00			
	L	42 00			
	M	43 00	0.2		
11	P	7			
	eS	1 08 33			P lost in changing sheet.
	SR ₁	11 56			
	L	21 36			
	M	22 30	1.0		
	L	25 00			
	M	26 00	1.4		
16	e	10 32 30			
	L	37 18			
	M	39 20	0.2		
18	e	5 06 00			
	L	13 50			
	M	15 30	0.3		
20	eP	12 08 54			
	eS	16 30			
	L	26 00			
	M	27 10	5.8		
	M	28 15	5.0		
	L	29 36			6.020
	M	30 40	6.7		
	L	32 36			
	M	34 15	9.6		
	L	35 48			
	M	37 15	6.2		
	L	45 00			
	M	46 12	3.1		
	L	48 00			
	M	49 30	3.0		
23	e	16 40 12			
	L	48 24			
	M	50 15	0.4		
24	e	18 35 00			
	L	45 40			
	M	48 30	1.0		
26	e	19 20 27			
	L	34 30			
	M	36 30	0.2		
31	e	2 32 00			
	L	39 18			
	L	41 50			
	M	44 00	0.5		
31	e	14 36 50			
	L	15 01 00			
	M	03 20	0.2		
	L	09 05			
	M	11 55	0.2		





Sydney Observatory
 Milne Seismograph. E-W Component.
 Constants B.P. = 18^s D.V. 1 mm = 0.38"



Date 1937

Time Greenwich
 A E
 Δ Kms
 Remarks

Date	Phase	Time	A	Δ	Remarks
1937		Greenwich	E	Kms	
		Time	mms		
September 1	eP	8 44 05			
	iS	49 00			
	L	51 00			
	M	53 30	4.0	3230	
	L	54 50			
	M	55 30	2.6		
3	e	19 00 58			
	L	11 50			
	M	13 00	1.0		
3	e	21 57 18			
	L	22 01 00			
	M	02 40	0.5		
4	e	6 11 18			
	L	25 23			
	M	26 30	0.7		Micros precede
5	e	21 05 18			
	L	11 50			
	M	13 00	0.2		
8	e	0 51 30			
	L	1 03 24			
	M	04 40	0.3		
15	eP	12 32 40			
	iS	37 28			
	L	41 50			
	M	42 40	0.9	3030	
17	e	9 54 13			
	L	10 21 20			
	M	22 30	0.4		
	L	25 30			
	M	27 00	0.6		
21	eP	9 48 28			
	iS	55 10			
	L	10 04 15			
	M	09 30	2.2	5000	P doubtful owing to micros
	L	28 55			
	M	31 00	0.9		
22	e	9 30 24			
	L	34 45			
	M	36 00	0.2		
23	eP	13 11 38			
	iS	16 15			
	L	18 50			
	M	20 45	22.2		
	L	24 00			
	M	24 40	7.0	2980	
	L	25 10			
	M	25 45	7.1		
	L	26 12			
	M	26 30	3.5		
	L	28 20			
	M	28 50	4.0		
24	e	5 25 05			
	L	33 30			
	M	37 22	0.2		

Sydney Observatory.
 - Helve Seismograph. E-W Component.
 Constants BP 18° DV 1 mm = 0.38



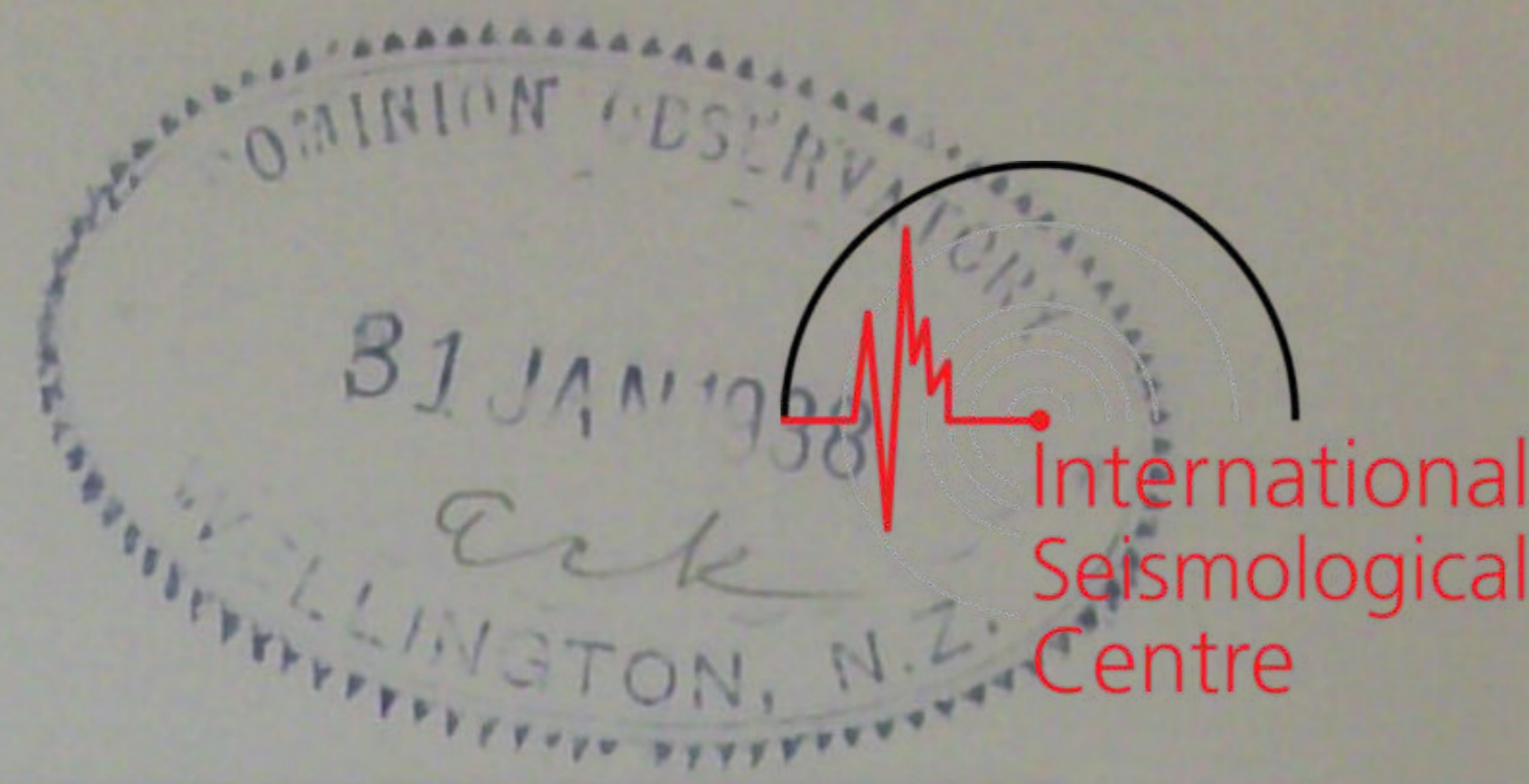
(2)

Date 1937	Phase	Time Greenwich H m s	A E mm	Δ km	Remarks.
Sept 25	e	17 54 18			
	L	18 01 00			
	M ₁	01 30	0.4		
	M ₂	02 50	0.4		
27	eP	9 03 15			
	iS	10 00			
	L	18 24			
	M	21 30	2.0		
	L	22 15		5.060	
	M	23 00	3.2		
	L	25 36			
	M	26 33	5.5		
	L	28 12			
M	29 15	4.5			
30	e	21 40 54			
	L	49 18			
	M	53 00	1.6		
	L	22 00 05			
	M	02 24	1.0		

SYDNEY OBSERVATORY

Milne Seismograph E - W Component.

Constants B.P = 18s D.V. 1mm = 0".38



Date 1937	Phase	U. T			Ae mms.	Δ	Remarks
		h.	m.	s.			
Nov. 2	e	11.	05.	05			
	e		06.	32			
	i		07.	23			
	L		09.	52			
	M		12.	21	0.5		
	F	11.	55				
4	e	8.	04.	14			
	e		10.	11			
	M		13.	11	0.2		
	F	8.	20				
5	eP	9.	37.	08		64° .5?	Preceded by Microseisms.
	S		9.	45.40			
	L		53.	20			
	M		54.	44	0.5		
	F	10.	40				
13	e	9.	56.	07			Microseisms present.
	e	10.	00.	59			
	L		03.	52			
	M		06.	27	2.0		
	F	11.	45				
13	e	17.	48.	43			
	e		17.	59.28			
	eL		18.	06.19			
	M		18.	09.28	1.5		
	F	19.	15				
14	eP	11.	16.	16		37° .5	
	PP		17.	12			
	iS		22.	10			
	cL		26.	23			
	M		28.	11	0.7		
	L		36.	52			
	L		46.	35			
	F	13.	50				
15	e	6.	38.	08			
	L		40.	35			
	M		42.	17	0.4		
	F	6.	50				
18	e	2.	59.	23			
	L		3.	03.28			
	M		05.	05	1.2		
	F	3.	40				
25	e	4.	55.	51			
	M		58.	16	0.6		
	F	6.	00				
28	eP	5.	51.	52		35° .4?	Preceded and followed by microseisms.
	iS		57.	26			
	L	6.	00.	04			
	M		02.	32	0.6		

December 1937.

SYDNEY OBSERVATORY

Milne Seismograph E - / Component.
 Constants D.P = 18s D.V. 1mm = 0".38.

Date 1937	Phase	U.T		A _g .	△	Remarks.
		h. m. s.	mm.			
Nov. 30	i	1.00.40				
	e	12.38				
	e	17.02				
	eL	20.58				
	M	24.51	0.9			
	F	2.00				
Nov. 30	e	13.48.52				Very poorly defined.
	eL	55.04				
	M	14.01.48	0.2			
	F	14.20				
Dec. 2	e	16.36.38				
	eL	40.55				
	M	43.57	0.6			
	F	16.55				
Dec. 5	e	15.24.07				
	e	26.52				
	eL	51.41				
	M	34.22	1.0			
	F	16.00				
Dec. 8	e	8.51.01				
	e	51.44				
	i	55.32				
	eL	9.04.49				
	M	12.14	1.9			
	F	10.00				
Dec. 8	I	16.55.44				
	e	.59.29				
	M	17.00.17	0.6			
	F	17.15				
Dec. 12	e	8. 2.46				
	e	8.11				
	eL	9.58				
	M	12.12	1.1			
	F	8.30				
Dec. 13	e	19.04.36				
	e	26.21				
	e	29.47				
	M	34.13	1.2			
	F	20.00				

(Continued....)

SYDNEY OBSERVATORY

Date 1937	Phase	U.T.		A _g *	△	Remarks.
		h. m. s.	mms.			
Dec. 17	e	9.51.28				
	e	10.05.13				
	eL	8.16				
	M	12.14	0.7			
	F	10.20				
Dec. 18	eL	2.46.05				
	M	48.48	0.2			
	F	5.00				
Dec. 20	eP	5.41.20				
	iS	46.16				
	eL	49.45				
	M	50.29	0.7			
	F	4.00				
Dec. 20	i	22.42.47				
	M	43.19	0.8			
	F	23.20				
Dec. 22	e	4.28.43				
	M	38.54	0.6			
	F	5.00				
Dec. 23	i(P?)	13.37.56				
	i(S?)	43.43				
	i(L?)	47.35				
	M	48.12	2.0			
	e	53.56				
	M	54.24	2.2			
	e	14.07.21				
	e	12.22				
	M	18.03	2.5			
	F	16.30				
Dec. 25	e	1.22.11				
	i	28.14				
	M	30.05	1.0			
	F	1.40				
Dec. 28	e	3.11.00				
	i	21.30				
	e	28.20				
	M	47.44	0.6			
	F	4.00				