

JANUARY, 1939

SYDNEY OBSERVATORY

Milne Seismograph E - W Component.

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

Date 1939	Phase	U.T.			A	△	Remarks
		h.	m.	s.			
January 5	iP	11	24	00		22°	
	iS		27	57			
	eL		30.	0			
	M		32.	0	0.9		
	F	11.	45				
January 9	e	3.	22.	0 ca			
	M		27		0.3		
	F	3.	45				
January 15	e	8	03	30			
	e		08	15			
	M		10.	0	0.2		
	F	8.	30				
January 22	e	13	36	58			
	e		38	21			
	e		40	38			
	eS		42	12			
	eL		46	42			
	M		49.	0	2.6		
	F	14.	40				
January 22	e	18	48	00			
	e		51	36	0.2		
	M	18.	55				
	F	19.	20				
January 25	eP	3	45	45			
	eS		56	06			
	e	3	59	30			
	eL	4	11	00			
	M	4	26.	5	4.2		
	F	6.	50				
January 25	e	17	30	30			
	e		35	00			
	M		36.	3	1.0		
	F	17.	55				
January 27	e	5	43	12			
	e		46	09			
	M		47.	1	0.3		
	F	6.	00				
January 30	iP	2	24	09		28°	
	iS		28	48			
	L		31	18	> 23mms		
	M		32.	9			
January 30	Recording light failed between 5 hrs. and 23 hrs.						
	eP	23	55	18			
	eS	24	00	06			
	eL		02	18			
	M	24.	06		4.5		
	F	25.	00				

FEBRUARY, 1939.

SYDNEY OBSERVATORY

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

Date 1939	Phase	U.T			A	△	Remarks
		h.	m.	s.			
February 1	e	1	50	16			
	e		55	55			
	e		58	00			
	M	2	04.0		0.6		
	F	2.15					
February 3	eP	5	30	00			
	iS		35	57			38°
	L		40.1				
	M		41.0		7.0		
	F	6.45					
February 3	e	20	19	30			
	e		24	20			
	e		29.3				
	M	20	31	6	1.9		
	F	21.10					
February 4	e	5	23	06			F in next record
	e		27	00			
	M	5	32.1		0.4		
February 4	e	6	15.0				
	M		20.2		0.2		
	F	6.35					
February 9	e	2	40	00			
	M		47.2		0.3		
	F	3.00					
February 20	eP	3	50	21			
	eS		55	57			
	M	4	00.5		0.8		
	F	4	20				
February 28	e	2	40	36			Microseisms Present
	e		47	00			
	e		49	03			
	M	2	53.0		1.3		

Sydney Observatory
 21/4/39. HW/BM

SYDNEY OBSERVATORY

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



ACKNOWLEDGED

Date 1939	Phase	U.T			A	Remarks
		h.	m.	s		
March 2	e	7	06	00		
	e		11	09		
	eL		16.0		0.9	
	F	7	50			
March 4	eL	6	09.5		0.6	
	F	6	35			
March 7	e	1	58	42		
	e	2	02	30		
	e		4	58		
	L		7.3			
	M		9.5		2.0	
F	3	00				
March 7	e	17	21	48		
	e		26.2			
	F	18	00		0.2	
March 8	eP	22	03	36		
	eS		08	36		
	eL		12.3			
	M		13.5		0.6	
	F	23	00			
March 13	e	5	17	30		
	e		22	00	1.2	
	F	6	00			
March 20	e	3	40	12		
	e		43	24		
	e		50	00		
	eL		56.0		0.6	
	F	4	40			
March 21	eP	1	20	58		
	e	1	22	03		
	e		24	45		
	eS		30	27		
	L		37	50		
	M	1	47.1		10.0	
F	3	10				
March 21	e	8	00	06		
	e	8	04	21	0.3	
	F	8	40			
March 22	eP	3	51	09		
	eS		55	58		
	L	3	58.5			
	M	4	00.7		3.5	
	F	4	40			
March 22	e	7	28	03		
	e		33	03		
	L	7	36.9			
	M	7	38.9		1.4	

SYDNEY OBSERVATORY



Date 1939	Phase	U.T			A	Remarks
		h.	m.	s		
March 23	e	16	27	12		
	e		31	36		
	L		34	30	1.2	
	F	17	00			
March 29	e	0	29.3			
	e		36.0		0.3	
	F	1	00			

Sydney Observatory
21/6/39. HW / BM

SYDNEY OBSERVATORY

Milne Seismograph E- W Component

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



Date 1939	Phase	U.T			A	△	Remarks
		H.	M.	S			
April 1	e	2	14	01			
	e		17	00	0.2		
April 3	e	15	49	30			
	e		54	18	0.3		
April 4	eP	10	16	06			
	eS		20	06			
	eL		22.0		1.6		
	M	10	22.6				
	F	11	15				
April 5	iP	16	47	30		22°	
	e		47	59			
	iS		51	30			
	L		53.1		1.6		
	M	16	54.2				
	F	20	30				
April 15	eL	20	13.8				
	F	20	40		1.0		
April 18	e	6	41	18			Microseisms present
	e		47	39			
	e	6	56	50			
	eL	7	07.5		2.8		
	M		14.6				
	F	9	30				
April 20	i	22	10	24			
	eL	22	13.8		1.0		
	F	23	30				
April 30	iP	3	01	00		25°	S L and H waves to stops
	i		01	09			
	iS		05	20			
	i		05	47			
	L		08	00			
	M		09	00			
	F	8	00				
April 30	eP	14	08	12			
	eS		12	48			
	L	14	15.5		0.5		
	F	14	30				

Sydney Observatory
21/6/39 HW / BM

Double
MAY, 1939

SYDNEY OBSERVATORY

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

Date	Phase	U.T	A	△	Remarks
		H. M. S.	mms		
1939					
May 1	e	4 37 54			
	e	40 50	0.3		
	F	4 50			
May 1	e	6 19 35			
	e	21 30			
	L	30.5			
	H	45.4	1.1		
May 2	e	13 40 00			
	e	49 36	0.3		
May 3	e	7 15 48			
	e	20.3	0.4		
May 6	e	17 16 50			
	e	23 36	0.2		
May 6	e	20 14 24			
	e	17 42	0.6		
May 8	e	2 08 01			
	e	12.3			
	e	16.5			
May 10	e	8 08 06	0.4		
	e	13.5			
	eL	19.8			
	H	31.0	0.3		
May 11	e	17 49 54			
	eL	54.0	0.4		
May 14	e	18 16 00			
	e	21.4	0.4		
May 17	e	17 21 42			
		26.1	1.0		
May 17	e	18 48 00			
	e	54 50			
	eL	59.5	0.7		
May 22	e	1 46 33			
	eL	51.4	0.8		
May 26	e	17 51 00			
	e	18 02 03			
	L	6. 9	5.0		

JUNE, 1939

SYDNEY OBSERVATORY

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

Date	Phase	U.T	A	△	Remarks
1939		h. m. s.	mms		
June 2	eP eS e	3 41 27 48 00 51 18			1.4
June 4	e e L	12 05 00 09 57 14.0			0.2
June 4	e eL	15 25 40 33.3			0.8
June 7	eL	1 21.2			0.4
June 8	e eL	15 32 00 34.8			0.4
June 8	e eL	20 54 54 21 00.0			0.4
June 9	eP eS e L	19 19 18 23 36 25 06 25.3			1.2
June 10	e	9 58.7			
June 13	e e e L	20 47 15 49 51 53 33 57.0			0.3
June 17	e e eL	12 09 58 15 15 21.6			0.4
June 27	e e e	23 12 30 15 30 22.5			0.9
June 28	e e	11 49 30 53.7			0.5

Sydney Observatory
 30/8/39. HW/BI

SYDNEY OBSERVATORY.

Milne Seismograph E - / Component

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



Date	Phase	U.T.	A	Δ	Remarks
1939		h. m. s.	mm		
July 2	e	16 57 30			
	e	17 01 27			
	eL	03.0			
	H	3.4	0.2		
July 5	eP	22 46 10			
	e	48 57			
	eS	50 12			
	L	53.0	0.9		
July 6	i	1 15 00	0.3		
July 12	eP	23 04 45		32°	
	eS	10 00			
	i	10 27			
	e	13 03			
	L	15.0			
	H	16.3			
	F	24 30 00	6.5		
July 16	e	8 35.4	0.1		
July 19	e	23 17.0			
	e	21.5			
	H	24.4	0.4		
July 20	i	2 31 18			
	i	32 36			
	i	35 48	0.5		



Sydney Observatory
19/10/39. HW/CA

SYDNEY OBSERVATORY,

Milne Seismograph E - W Component

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

Date	Phase	U. T.	A	Δ	Remarks
1939		h. m. s.	mm		
Aug. 3	e	2 41 54			
	eL	46.0			
	M	48.3	0.2		
Aug. 8	e	20 54 48			
	eL	8.4	0.2		
Aug. 12	eP	2 12 24			
	e	13 03			
	eS	16 27	1.2		
Aug. 13	eP	4 21 45			
	eS	25 27			
	eL	27.8	0.3		
Aug. 18	eP	22 20 45		22°	
	eS	24 45			
	eL	26.2			
	M	28.4	4.5		
Aug. 19	eP	0 52 30		22°	
	eS	56 27			
	eL	58.8			
	M	1 00.1	2.0		
Aug. 23	eL	4 52.3	0.4		Obscured by Microseisms.
Aug. 25	e	3 53 57			
	e	59 15			
	eL	4 03.0			
	M	4.3	0.4		
Aug. 27	e	11 23 33			
	e	25 42			
	eL	29.3	0.3		
Aug. 29					Record lost through failure of recording light.

Sydney Observatory
19/10/39. HW/CA

Double

SYDNEY OBSERVATORY

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

- 6 MARS 1940

Date	Phase	U.T			A	△	Remarks
		h.	m.	s.			
1939					mins		
Sept. 2	eP	9	4	00			
	e		5	06			
	e		7	00			
	eS		8	30			
	eL		11	.0			
	H		13	.1	0.7		
Sept. 8	eP	12	17	30		85°	
	e		23	15			
	eS		28	09			
	e		33	00			
	eL		40	.4			
	e		44	.4			
	H		48	.9			
	F	15	10		2.2		
Sept. 12	eP	12	11	57			
	eS		16	48			
	eL		19	.1			
	H		20	.5	0.7		
Sept. 14	e	18	15	.6	0.1		
Sept. 15	e	11	55	.5			
	eL	12	00	.0			
	H	12	06	.0	0.7		
Sept. 16	e	7	39	.1			
	H		44	.5	0.2		
Sept. 17	e	19	24	33			
	i		28	00			
	F	19	40		0.5		
Sept. 18	e	10	07	.0			
	eL	1	17	.0	0.2		
Sept. 20	e	7	32	42			
	iS		36	00			
	H		39	.7	0.8		

Sydney Observatory
 19/12/39. HW/CA

October, 1939

Doubt

SYDNEY OBSERVATORY

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

-6 MARS 1940

Date	Phase	U.T.			A	Δ	Remarks
		h.	m.	s.			
1939							
					mms		
Oct. 7	e	20	49	48			
	e		55	00			
	H	21	01	36	1.9		
Oct. 9	eP	2	23	00			
	eS		27	06			
	eL		29	0			
	H		30	0	1.4		
Oct. 10	e	18	42	6			
	e		52	45	0.2		
Oct. 10	e	19	41	5	0.3		
Oct. 17	iP	6	27	12		23°	
	iS		31	16			
	eL		33	3			
	H		36	5	3.1		
Oct. 17	e	9	04	36			
	i		8	42	0.3		
Oct. 26	e	8	09	0	0.1		
Oct. 26	e	21	30	6			
	e		34	57			
	eL		38	5			
	H		39	7	1.0		
Oct. 27	eL	11	10	3			
Oct. 30	e	22	06	24			
	e		9	54			
	eL		13	1			
	H		14	9	1.5		

Smile

27 MAI 1940

November, 1930.

SYDNEY OBSERVATORY

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

Date	Phase	U.T.	A	Remarks
		h. m. s.	mms	
1939				
Nov. 1	e	6 12 48		
	i	16 42		
	M	20.3		
Nov. 3	e	19 44 30		
	e	48 57		
	eL	51.7		
	M	54.1	0.2	
Nov. 8	eP	19 09 57		
	eS	14 39		
	eL	17.2		
	M	18.9	0.8	
Nov. 9	eL	13 48.2	0.2	
Nov. 10	iP	16 54 18		
	iS	58 18	1.1	
	L	60.2	0.4	
Nov. 10	e	20 30 28		
	M	34.4	1.4	
Nov. 14	e	12 47 40		
	eL	50.6	0.3	
Nov. 15	eP	17 14 39		
	eS	19 18		
	eL	22.0		
	M	23.3	0.7	
Nov. 17	e	18 49 06		
	e	52 06	0.2	
Nov. 21	e	11 25.2		
	M	34.0	0.2	
Nov. 21	e	21 35 30		
	e	41 18		
	eL	42.7	0.8	
Nov. 24	eP	23 28 48		
	eS	33 06		
	eL	35.8		
	M	37.0	0.3	

Sydney Observatory
 23/2/40. Hw/CA

Double

December, 1939.

SYDNEY OBSERVATORY

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

Date	Phase	U.T.			A	Remarks
		h.	m.	s.		
1939						
Dec. 1	e	6	46.7			Microseisms present
	eL	6	52.5			
	M		53.6	0.7		
Dec. 5	e	9	38.0		0.3	Microseisms present
Dec. 7	e	11	40 00			
	eL		43.8	0.6		
Dec. 16	e	11	08 12			
	e		13 18			
	eL		18.9	0.3		
Dec. 18	e	6	35 54			Microseisms present
	M		39.6	0.2		
Dec. 18	e	10	28 54			
	e		31 12			
	M		37.0	0.3		
Dec. 21	iP	21	08 33		2.2	40° Boom swung to stops
	i		09 48			
	i		10 24			
	iS		14 45	>23.0		
	L		21.3			
	M		23.0	>23.0		
Dec. 22	e	5	41.0			
	M		48.0	0.5		
Dec. 25	e	16	32 12			
	e		35 27			
	θ		37 18			
	M	16	41.0	1.8		
Dec. 27	e	0	13 12			
	e		17 18			
	e		21 15			
	eL		52.1			
	M	1	18.0	4.0		
Dec. 27	e	3	14 30			
	e		18 48			
	M		23.8	2.3		
Dec. 28	e	0	06 24			
	eL		09.2	0.2		

Sydney Observatory
23/2/40. HV/CA