SYDNEY OBSERVATORY

Milne Seismograph - E - W Component.

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

Date 1932	Phase.	Time Greenwich H. M. S.	A_E mms.	Δ kms.	Remarks.
Jan. 5	eP	2 16 00			
	L	31 30			
	M	37 00	1.0		
" 5	eP	4 52 24			
	L	55 36			
	M	57 00	0.2		
" 6	iP	16 57 30			
	L	17 05 36			
	M	06 42	0.2		
" 9	eP	10 24 54			
	iS	31 00			
	SR_1	33 24			
	L	38 00			
	M	41 12	5.0	4,300	
	L	42 12			
	M	42 42	3.7		
	L	44 00			
	M	44 48	1.7		
" 13	P	?			P? Air Tremors Precede.
	eS	8 07 42			
	L	11 48			
	M	12 30	0.4		
" 17	eP	7 50 00			
	iS	54 48			
	L	58 18		3,000	
	M	18 00 00	1.5		
" 24	iP	3 49 30			
	PS	51 54			
	iS	53 42			
	L	56 00			
	M	57 30	6.0		
	L	59 18			
	M	59 48	2.0		
	L	4 02 06			
	M	02 30	1.1		
	L	04 36			
	M	05 12	1.0	2,600	
	L	06 30			
	M	06 54	0.7		
	L	08 42			
	M	09 00	0.6		
	L	09 48			
	M	10 18	0.9		
	L	10 48			
	M	11 06	0.6		
	L	12 12			
	M	12 54	0.8		

Date 1932	Phase	Time Greenwich H. M. S.	A_E mms.	Δ kms.	Remarks.
Jan 25.	eP	1 56 24			
	iS	2 02 00		3,800	
	L	04 30			
	M	05 36	1.4		
" 26	eP	5 02 06			
	L	05 00			
	M	06 12	0.5		
" 26	eP	14 27 36			
	L	30 36			
	M	31 30			A series of sinusoidal waves on 27th from 5:22:00 to 5:31:30.
" 29	iP	13 47 30			
	iS	52 12			
	L	53 24			
	M	54 30	10.0		
	L	55 12			
	M	57 30	9.4	2,900	
	L	14 03 00			
	M	05 12	4.0		
	L	16 36			
	M	19 00	4.0		
" 29	P	?			P?Merged into after tremors of previous quake.
	iS	15 50 12			
	L	53 00			
	M	54 36	4.0		
	L	56 00			
	M	56 36	2.4		
" 30	P	?			P? Air tremors present.
	S	3 14 36			
	L	16 12			
	M	17 00	1.5		
	L	18 42			
	M	19 48	2.0		
" 30	P	?			do.
	S	7 22 36			
	L	24 24			
	M	25 00	0.7		
	L	27 00			
	M	27 30	0.7		
" 31	S	4 45 00			Times only approximate, trace very faint, light failing.
	L	49 12			
	M	50 30	0.4		
" 31	S	16 10 48			
	L	14 20			
	M	16 00	0.5		

SYDNEY OBSERVATORY

Milne Seismograph E-W Component.

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

Date 1932.	Phase.	Time Greenwich. H. M. S.	A_E mms.	Δ kms.	Remarks.
Feb. 3	e	7 26 00			
	L	29 18			
	M	31 24	0.6		
3	e	12 04 48			
	L	06 00			
	M	06 30	0.4		
14	eP	12 01 18			
	L	05 00			
	M	06 12	0.4		
14	eP	23 48 12			
	L	55 42			
	M	57 24	0.5		
16	eP	13 55 00			
	iPR_1	56 18			
	iS	14 00 48			
	SR_2	03 30			
	L	05 24		4,000	
	M	07 18	5.5		
	L	08 30			
	M	09 12	2.2		
21	eP	11 39 24			
	eL	44 24			
	M	48 00	0.2		
23	iP	0 36 48			
	iS	42 30			
	L	48 12			
	M	?			M lost
	L	54 42		3,900	changing sheet
	M	57 18	2.0		
	L	1 03 00			
	M	04 00	1.0		
23	eP	20 16 54			
	iS	21 36			
	L	25 36		2,950	
	M	26 36	1.2		
25	eP	16 05 36			
	eL	08 54			
	M	10 30	0.2		

SYDNEY OBSERVATORY

Milne Seismograph E - W Component.

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

Date 1932.	Phase.	Time Greenwich H.	M.	S.	A_E mms.	Δ kms.	Remarks.
March 2.	eP	5	31	30			
	eL		34	24			
	M		35	00	0.2		
" 2.	eL	13	27	30			
	M		29	48	0.3		
	M		35	36	0.2		
" 5.	eP	1	45	30			
	eS		50	00			
	L		52	36			
	M		54	12	1.0	2,800	
" 8.	eP	18	07	06			(See page "2" for Mar. 8 -omitted from this page.)
	iS		12	30			
	L		16	24			
	M		18	42	2.4	3,600	
" 10.	iP	5	34	48			
	iS		40	30			
	L		43	30			
	M		48	36	1.9	3,900	
	L		50	00			
	M		50	42	0.6		
" 15.	eP	4	51	48			P's. doubtful - Air Tremors precede.
	iS		54	24			
	L		56	18			
	M		57	24	0.7	1,500	
" 16.	eP	20	44	18			
	iS		48	06			
	L		51	30			
	M		52	24	0.4	1,900	
" 18.	5.57.00 to 6.04.12				Sinusoidal waves.		
" 19.	eP	11	14	48			
	iS		22	00			
	L		28	12			
	M		31	00	1.0	5,400	
" 26.	e	0	23	48			
	M		56	30	0.5		
	M	1	01	12	0.9		
	M	1	06	30	0.8		
" 26.	eP	9	58	48			P. doubtful, Air Tremors precede.
	iS	10	05	18			
	SR_1		07	36			
	L		11	48			
	M		12	30	5.0	4,800	
	L		14	48			
	M		15	42	9.0		

Date 1932.	Phase.	Time Greenwich. H.	M.	S.	A_E mms.	Δ kms.	Remarks.
March 28.	eP.	0	58	42			
	L	1	07	24			
	M		07	48	0.6		
	L		09	48			
	M		11	18	0.6		
" 29.	eP	9	21	24			
	L		25	30			
	M		26	00	0.2		
" 30.	eP	11	49	30			
	eL		54	30			
	M		56	00	0.2		
" 30.	eP.	15	11	36			
	L		16	12			
	M		16	30			
" 30.	18.56.06 to 19.03.36				Sinusoidal Waves.		
" 8.	eP	3	22	06			
	L		25	24			
	M		26	00	0.5		(omitted from page "1")

SYDNEY OBSERVATORY

Milne Seismograph. E - W Component.

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

Date. 1932.	Phase.	Time Greenwich. h.	m.	s.	A_E mms.	Δ kms.	Remarks.
April 3.	eP	20.	44	18			
	eS		48	54			
	L		52	42			
	M		54	30	2.5		
	L		55	48			
	M		56	24	1.3	2,900	
	L		58	00			
	M		58	30	0.5		
" 5.	$5^h 21^m 30^s$. to $5^h 37^m 30^s$.						Small waves without any pronounced phases.
" 8	eP	11	57	24			
	eS	12	03	12			
	L		06	48			
	M		08	42	1.2	3,500	
	L		10	00			
	M		10	30	0.8		
" (12 (13	eP	23	57	00			
	eS	0	02	48			
	L	0	08	42			
	M	0	09	36	1.0	4,000	
" 13.	eP	4	03	18			
	L		18	12			
	M		20	30	0.3		
" 14.	eL	6	50	42			
	M		53	30	0.2		
" 14	eP	17	18	36			
	L		22	00			
	M		25	00	0.2		
" 19.	eP	20	03	00			
	L		07	36			
	M		10	06	0.2		
" 20.	eP	4	10	30			
	eL		13	30			
	M		15	12	0.2		
" 22	P		?				P.lost in Micros.
	eS	5	27	48			
	L		30	48			
	M		31	36	0.3		
" 25.	eP	7	17	12			
	L		24	30			
	M		25	48	0.5		

SYDNEY OBSERVATORY

Milne Seismograph E - W Component.

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

Date 1932.	Phase.	Time Greenwich.	A_E	Δ	Remarks.
		h. m. s.	mms.	kms.	
May 1	eP	4 19 24			P & S? Preceded by air tremors.
	eS	23 12			
	L	25 12			
	M	27 48	0.5		
" 4 5	iP	8 29 12			
	iS	33 12			
	L	35 00			Hawkes' Bay,
	M	37 42	1.5	2,400	New Zealand.
" 10	e	14 34 36			
	L	41 48			
	M	42 00	0.2		
	L	44 30			
	M	45 36	0.2		
" 13	e	5 30 18			
	eL	46 42			
	M	48 30	0.1		
" 14	iP	13 18 48			
	PR_1	19 48			
	PR_2	20 42			
	iS	25 06			
	SR_1	27 30			
	SR_2	28 30			
	L	31 36			
	M	35 30	16.3		
	L	38 36			
	M	39 30	10.9		
	L	40 12		4,500	
	M	41 30	14.5		
	L	42 30			
	M	43 36	11.2		
	L	44 30			
	M	45 18	9.0		
" 17	Sinusoidal waves from 13^{h} $17^{m}.36^{s}$. to $13^{h}.31^{m}.00^{s}$.				
" 17	e	17 48 00			
	L	58 54			
	M	18 00 00	0.1		
"18	eP	19 59 12			
	iS	20 04 00			
	L	06 36			
	M	07 48	0.4	2,700	
	L	13 18			
	M	15 42	0.5		

Date 1932.	Phase	Time Greenwich.	A_E	Δ	Remarks.
		h. m. s.	mms.	kms.	
May 21.	P	?			P lost in Micros.
	iS	10 36 00			
	L	40 54			
	M	41 30	0.5		
" 21	P	?			P lost in Micros.
	iS	11 07 00			
	L	16 06			
	M	17 24	0.7		
	L	23 18			
	M	24 30	0.5		
" 22	eP	11 35 42			
	iS	41 36			
	L	46 00			
	M	49 06	1.7		
	L	51 36			
	M	52 06	1.5		
	L	56 18		4,100	
	M	57 48	1.0		
	L	12 01 30			
	M	02 12	0.5		
" 25	eP	2 40 00			
	eL	51 00			
	M	52 06	0.3		
	L	56 36			
	M	58 18	0.3		
" 26	iP	16 14 18			
	PR_1	14 36			
	PS	16 48			
	iS	18 30			
	L	21 18		2,600	
	M	22 00	10.3		
	L	25 30			
	M	26 30	5.5		
	L	28 18			
	M	29 24	5.6		
" 27	e	1 32 42			
	L	38 00			
	M	38 48	0.3		

SYDNEY OBSERVATORY

Milne Seismograph E - W Component

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

Date 1932	Phase	Time Greenwich h. m. s.	A_E mms.	Δ kms.	Remarks.
June 3	iP	10 56 24			
	PP_2	11 02 30			
	PS	04 06			
	iS	06 12			
	SR_1	13 06			
	L	30 18			
	M	33 00	5.5		
	L	35 18			
	M	37 48	13.0		
	L	39 42			
	M	41 00	4.5		
	L	42 00			
	M	42 42	3.5		
	L	43 54			
	M	45 00	4.0		
	L	51 00			
	M	51 30	4.1		
	L	52 12			
	M	52 54	3.9		
	L	53 30		8,600	
	M	54 00	4.5		
	L	55 36			
	M	56 18	2.5		
	L	58 00			
	M	58 30	2.7		
	L	12 01 00			
	M	01 36	2.8		
	L	02 48			
	M	03 48	2.7		
	L	53 00			
	M	54 00	2.4		
	L	55 18			
	M	55 54	3.5		
	L	58 00			
	M	59 12	3.5		
	L	13 01 00			
	M	03 12	5.0		
	L	06 00			
	M	07 00	2.7		
" 5	eP	13 04 18			
	L	18 24			
	M	20 18	0.4		
" 6	eP	9 30 23			
	L	42 18			
	M	44 24	0.2		
" 7	Sinusoidal waves from $11^{h.}$ $47^{m.}$ $06^{s.}$ to $12^{h.}$ $05^{m.}$ $30^{s.}$				
" 8	e	2 46 12			
	l	50 18			
	m	52 00	0.2		

Date 1932.	Phase.	Time Greenwich.	A E	Δ	Remarks
		h. m. s.	mms.	kms.	
Jun 8.	e	10 15 30			
	L	18 42			
	M	19 06	0.2		
	L	20 00			
	M	20 18	0.2		
" 18	eP	10 39 48			
	iP	31 32			
	PR_2	38 00			
	iS	41 24			
	SR_1	47 54			Probably two tremors
	L	11 05 48			The P & S of second
	M	08 18	1.0		being masked by the
	L	11 42		9,500	end tremors of first
	M	15 54	3.2		
	L	18 12			
	M	19 12	1.6		
	L	12 36 42			
	M	38 42	2.0		
	L	41 18			
	M	42 30	2.0		
" 22	eP	13 24 30			
	L	58 06			Mexico?
	M	14 01 48	1.0		
" 23	eP	2 15 18			
	iS	19 54			
	L	24 24		2,800	
	M	25 00	0.4		

SYDNEY OBSERVATORY

Milne Seismograph - E - W Component.

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

Date 1932.	Phase	Time Greenwich h.	m.	s.	A_E mm.	Δ kms.	Remarks.
July 2.	eP	2	24	18			
	L		35	00			
	M		36	12	0.3		
	L		38	30			
	M		39	30	0.5		
" 7.	P		?				P & S masked by Micros.
	S		?				
	L	17	10	30			
	M		15	24	0.8		
" 9.	P		?				
	S		?				
	L	13	05	24			
	M		06	42	0.6		do.
	L		07	48			
	M		08	36	0.6		
" 12.	eP	20	12	30			
	L		20	30			
	M		25	18	0.8		
	L		28	12			
	M		29	36	0.5		
" 15.	e	15	45	12			
	L		50	24			
	M		21	30	0.4		
" 20.	eP	20	11	00			
	iS		17	06			
	L		21	12			
	M		22	06	0.5		
" 21.	eP	12	46	48			
	eS		51	48			
	L		57	48			
	M	13	00	00	1.5	3,200	
	L		01	42			
	M		02	18	1.5		
" 25.	eP	9	38	54			P may be earlier- micros precede.
	L	10	06	12			
	M		15	42	2.0		
" 27.	P		?				P lost in micros.
	eS	21	31	12			
	L		37	12			
	M		38	06	1.0		
	L		40	30			
	M		43	00	0.9		
" 30.	e	12	28	30			
	L		42	24			
	M		44	12	0.2		

SYDNEY OBSERVATORY

Milne Seismograph - E - W Component.

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

Date 1932.	Phase	Time Greenwich. H.	M.	S.	A_E mms.	Δ kms.	Remarks.
Aug 10.	e	16.	22	42			
	L		30	48			
	M		32	00	0.2		
" 12	P		?				P lost in Micros.
	L	4	23	42			
	M		25	00	0.4		
" 13	iP	21	00	24			
	iS		03	54			
	L		05	24			
	M		06	42	2.5		
	L		08	18		2,100	
	M		09	00	1.0		
	L		10	12			
	M		10	42	0.8		
	L		12	00			
	M		12	24	0.7		
" 14	Large microseisms probably caused by strong gale blowing.						
" 21	P		?				P lost in Micros.
	eS	4	47	24			
	L		53	12			
	M		55	36	0.7		
	L		59	42			
	M	5	01	00	0.4		
" 24	eP	12	28	06			
	L		39	30			
	M		41	06	0.1		
	L		52	00			
	M		53	00	0.1		
" 31	eP	19	46	30			
	L	20	06.	12			
	M		07	30	0.2		
	L		13	48			
	M		15	00	0.2		

SYDNEY OBSERVATORY

Milne Seismograph E - W. Component.

Constants B.P. = 18^{S} D.V. 1 mm = $0''.38$

Date 1932.	Phase	Time Greenwich. H.	M.	S.	A_E mms.	Δ kms.	Remarks.
Sept. 1	e	2	01	48			
	L		11	24			
	M		12	24	0.4		
" 3	eL	4	53	48			
	M		55	18	0.3		
" 3	eL	7	51	30			
	M		52	24	0.2		
" 8	eL	2	39	48			
	M		43	00	0.2		
" 9	eP	13	44	30			
	eS		51	36			
	L		58	48			
	M	14	00	54	1.7		
	L		02	00			
	M		02	36	1.5		
	L		05	06			
	M		06	12	1.8		
	L		11	30			
	M		12	42	0.7		
" 15	i	11	28	48			
	L		38	36			
	M		40	30	0.2		
	L		45	12			
	M		46	00	0.4		
" 15	iP	13	59	54			
	iS	14	04	12			
	L		06	18			
	M		07	30	10.5		
	L		08	00		2,600	New Zealand.
	M		08	36	10.6		
	L		09	30			
	M		10	12	5.0		
" 26	P		?				
	iS	20	39	00			P lost in micros
	L		42	00			
	M		47	36	1.0		

SYDNEY OBSERVATORY

Milne Seismograph E - W Component.

Constants B.P. = 18^{S} D.V. 1 mm. = 0"38

Date 1932	Phase	Time Greenwich H.	M.	S.	A E mms.	Δ kms.	Remarks.
October 1.	eP	8	13	48			
	L		23	30			
	M		25	42	0.4		
" 9.	eP	13	19	42			
	L		27	12			
	M		29	30	0.2		
" 16.	eP	12	32	12			
	L		58	30			
	M	13	05	00	0.3		
	L		09	42			
	M		11	42	0.2		
" 17.	eP	13	30	42			
	iS		35	24			
	L		39	36		3,200	
	M		40	24	1.0		
" 20	P		?				P. and S. lost in Micros.
	S		?				
	eL	17	50	30			
	M		52	12	0.6		
" 23	P		?				P. lost in Micros.
	eS	0	34	48			
	L		40	00			
	M		44	18	0.2		

Sinusoidal waves on 30th from $21^{h}.11^{m}.30^{s}$. to $22^{h}.1^{m}.15^{s}$.

SYDNEY OBSERVATORY.

Milne Seismograph E-W Component.

Constants B.P - 18^s D.V. 1 min = 0".38

Date 1932	Phase	Time Greenwich H	M	S	AE mins.	Δ Kms.	Remarks.
Nov. 2	e	11	15	42			
	L		26	42			
	M		27	18	0.5		
	L		31	36			
	M		32	15	0.3		
5	e	18	15	48			
	L		20	00			
	M		21	18	0.2		
13	iP	5	07	54			
	iS		15	06			
	L		20	18			
	M		21	12	0.5	5 400	
13	ep	16	00	48			
	iS		03	18			
	L		05	24			
	M		06	00	0.5	1 400	
	L		08	48			
	M		09	36	0.4		
18	e	9	37	24			
	L		42	24			
	M		43	42	0.3		
18	e	14	00	48			
	L		09	30			
	M		11	00	0.2		
22	P		?				P lost in Air Tremors.
	eS	15	03	06			
	L		09	54			
	M		10	18	0.4		
23	e	15	11	48			
	L		14	42			
	M		15	18	0.2		
29	e	1	11	00			
	eL		15	18			
	M		16	00	0.1		
29	P		?				P lost in Air Tremors.
	L	2	02	00			
	M		03	00	0.5		
29	eP	11	35	06			
	L	12	03	06			
	M		04	24	0.3		
30	eP	3	13	42			
	eL		49	00			
	M		50	00	0.2		
	L		51	00			
	M		51	42	0.2		

SYDNEY OBSERVATORY

Milne Seismograph E - W Component

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

Date 1932.	Phase.	Time Greenwich H. M. S.	A_E mms.	Δ kms.	Remarks.
Dec. 3	P	?			P lost in micros.
	eS	6 32 30			
	L	38 06			
	M	40 06	0.6		
Sinusoidal waves $3^{d.}18^{h.}9^{m.}30^{s.}$ to $3^{d.}18^{h.}15^{m.}45^{s.}$					
Dec. 4	iP	8 19 24			
	PR_2	22 00			
	iS	26 18			
	SR_2	30 00			
	L	36 12			
	M	37 18	3.4		
	L	39 30			
	M	41 12	4.5	5,100	
	L	45 00			
	M	46 18	3.6		
	L	48 24			
	M	49 30	1.2		
	L	51 06			
	M	52 00	1.3		
	L	55 18			
	M	57 30	1.4		
" 4	eP	10 41 30			
	iS	48 30			
	SR_1	51 48		5,200	
	L	11 01 30			
	M	02 30	0.7		
" 7	e	16 38 24			
	S	51 00			
	L	17 15 24			
	M	24 12	1.2		
" 10	P	?			P lost in micros.
	eS	4 02 54			
	L	09 36			
	M	11 12	0.3		
" 10	eP	10 22 18			
	eS	26 12			
	L	29 42		2,350	
	M	32 00	0.4		

Date 1932.	Phase.	Time Greenwich H. M. S.	A_E mms.	Δ kms.	Remarks.
Dec. 21	e	6 23 30			
	P	30 18			
	S	42 30			
	L	7 04 18			
	M	11 24	1.5		
	L	15 00			
	M	16 12	1.2	12,000	
	L	19 48			
	M	22 00	0.9		
	L	24 24			
	M	25 24	0.9		
" 24	eP	6 41 00			Times of P and S doubtful
	iS	45 36		?	Large micros present, may
	L	47 00		2,800	mask true P and S
	M	49 00	3.5		
" 25	iP	2 17 30			
	iS	28 24			
	SR_1	33 54			
	SR_2	38 24			
	SR_3	44 30			
	SR_4	50 00			
	L	54 42			
	M	3 03 00	8.2	9,950	
	L	05 30			
	M	06 30	5.7		
	L	08 18			
	M	09 24	4.0		
	L	10 12			
	M	11 00	3.1		
	L	12 30			
	M	13 30	3.5		
" 26	P	?			P and S lost in micros.
	L	16 46 00			
	M	47 30	0.7		
" 31	P	?			
	L	7 21 12			P and S lost in micros.
	M	23 30	0.4		