

Sydney Observatory FCB
 Milne Seismograph E-W Component
 Constants B.P. = 18^s D.V. 1mm = 0".36



Date 1935	Phase	Time Greenwich H M S	A _E mm	Δ km	Remarks
January 1	iP	13 26 05			✓
	iS	33 55			
	L	37 20		6280	
	M	40 15	1.7		
4	e	15 48 22			
	L	16 01 50			
	M	06 30	0.7		
4	e	17 23 55			
	L	44 30			
	M	46 15	0.2		
4	e	19 05 33			
	L	12 55			
	M	16 20	0.3		
17	iP	2 12 50			✓
	iS	17 00			
	L	19 18			
	M	20 00	3.0	2,620	
	L	24 30	0.7		
	M	25 00	0.6		
18	e	11 07 45			
	L	16 00			
	M	17 40	0.6		
22	e	15 05 00			
	eP	08 30			
	eS	12 12			
	L	14 23			
	M	15 25	1.1	2,256	
	L	17 00			
	M	17 24	0.7		
	L	19 20			
M	21 00	0.7			
23	e	7 34 25			
	L	48 28			
	M	48 55	0.5		
	L	55 18			
	M	57 00	0.3		
	L	8 01 00			
	M	02 40	0.3		
	L	10 20			
	M	11 10	0.6		
	L	20 33			
M	22 40	0.4			
L	24 38				
M	25 28	0.7			
31	eP	17 50 50			✓
	iS	55 45			
	L	59 15			
	M	18 00 30	0.7	3,230	
	L	02 30			
	M	03 15	0.5		



Sydney Observatory
 Milne Seismograph E-W Component
 Constants $BP = 18^s$, $D.V. 1mm = 0''.36$

Date 1935	Phase	Time Greenwich			A _E mms	Δ kms	Remarks
		H	M	S			
Feb 4	e	17	36	18	1.0		
	L		42	24			
	M		44	20			
8	e	7	32	38	0.4		
	L		39	48			
	M		40	10			
8	e	18	45	12			
	L		48	30			
	M		50	10			
22	e	17	15	10	0.6		
	eP		19	00			
	L		42	45			
	M		43	40			
	L		50	55			
	M		51	40			
	L	18	04	00			
	M		05	18			
	L		09	30			
	M		11	35			
23	eP	3	37	30	0.5		
	L		44	30			
	M		49	38			
23	e	12	42	30	0.2		
	L		45	48			
	M		46	30			
24	e	11	08	30	0.7		
	L		18	24			
	M		22	04			
27	e	9	15	30	0.3		
	L		34	00			
	M		39	15			

Sydney Observatory
Milne Seismograph, E-W Component.
Constants BP = 18^s, D.V. 1mm = 0.36

Date 1935	Phase	Time Greenwich H M S	A _E mm	Δ km	Remarks
March 11	e	15 01 54			
	L	08 23			
	M	10 00	0.2		
12	L	22 54 30			
	M	56 00	0.2		
13	P	?			
	eS	18 47 35			
	L	51 24			
	M	51 45	0.4		
14	e	11 43 45			
	eP	45 00			
	L	48 30			
	M	49 33	0.2		
14	e	13 45 42			
	L	49 25			
	M	51 45	0.3		
14	eP	15 44 40			
	L	48 15			
	M	50 25	1.3		
	L	52 00			
	M	53 05	0.8		
15	e	11 09 45			
	L	24 24			
	M	28 35	0.4		
20	eP	23 03 02			
	eS	08 00			
	L	14 00			
	M	12 20	3.2	3270	
27	e	14 28 15			
	L	31 55			
	M	33 00	0.2		
29	eP	12 30 05			
	eS	34 00			
	L	38 25			
	M	41 30	5.0		
	L	42 36			
	M	43 18	3.6		
	L	48 10			
	M	51 30	1.4	2,420	
30	e	2 13 12			
	L	22 15			
	M	24 20	0.5		
	L	25 50			
	M	26 33	0.4		
31	e	22 58 24			
	L	23 05 15			
	M	06 20	0.3		
	L	08 05			
	M	09 00	0.2		

Sydney Observatory
 Milne Seismograph. E-W Component
 Constants B.P = 18^s DV 1 mm = 0.36

Date	Phase	Time Greenwich H M S	A _E mms	Δ Kms	Remarks
1935 April 2	e L M	16 36 36 38 45 40 00	0.1		
5	eP eS L M	3 06 50 10 16 12 00 13 20	1.0		P doubtful - micros precede
12	eP L M	1 36 33 37 05 37 24	1.0		Coast, Central Queensland
19	eP eS L M L M L M	16 39 55 45 48 51 40 53 30 55 00 56 10 57 25 58 20	1.2 0.9 1.2	4150?	P doubtful micros precede
20	eP eS L M	22 23 30 31 00 40 18 45 00	1.1	5900	Formosa
23	e L M	17 24 36 30 30 32 36	0.2		
24	e L M	16 31 18 39 30 42 30	0.4		
29	e L M	11 51 15 57 45 59 00	0.2		
May 1	e L M L M	11 27 12 37 38 39 30 44 00 48 20	0.2 0.2		
7	e L M	6 10 24 24 24 26 00	0.5		
13	e	23 46 40			
14	L M	0 57 40 02 22	0.7		
16	eP eS L M	21 00 23 06 45 12 45 15 20	1.1	4640	
18	eP eS L M	21 36 48 40 32 43 00 44 30	0.5	2280	

Sydney Observatory
 Melbourne Seismograph. E-W Component.
 Constants BP = 18^s DV. 1mm = 0".36

Date 1935	Phase	Time Greenwich H m s	A _E mm (2)	Δ kms	Remarks.
May 20	e L M	5 36 08 48 00 52 05	0.8		
20	eP iS L M	21 00 15 05 15 08 05 08 55	3.9	3,300	
21	e L M	12 54 45 13 22 22 23 05	0.6		
24	iP PR, iS SR, L, M L M L M L M L M L M	5 46 00 48 30 53 30 59 30 6 03 20 04 15 06 12 08 00 09 12 10 05 12 00 12 55 19 50 20 48 22 40 24 00 25 12 27 00	5.7 4.0 4.5 4.8 2.7 2.6 2.0	5,900	
27	e eP eS L M	3 09 42 17 10 22 42 26 48 28 15	1.2	3,780	
30	eP iS L M L M L M L M L M L M	21 50 18 22 02 30 22 18 24 00 35 00 35 35 37 20 40 20 42 50 43 30 45 54 47 05 48 35 50 00 54 30 55 40	1.2 1.8 3.2 1.7 1.1 1.2 1.5		P doubtful. Micros proceed. British Beluchistan

Sydney Observatory
 Melue Seismograph. E-W Component.
 Constants BP = 18^s D.V. 1 mm = 0."36

Date 1935	Phase	Time Greenwich			A E mms	Δ Kms	Remarks.
		H	m	S			
June 16	eP	6	28	42	0.8		P doubtful. Micros precede
	ed		30	55			
	L		33	40			
	M		35	00			
16	L	22	49	18	0.2		
	M		54	30			
19	P			0.9		P lost in micros.
	ed	22	26	18			
	L		29	20			
	M		30	35			
22	P			1.2		— do —
	ed	16	11	00			
	L		15	05			
	M		16	20			
24	eP	23	28	22	5.6	2.333	
	ed		32	10			
	L		34	40			
	M		36	30			
	L		38	12			
	M		39	00			
	L		40	10			
	M		40	45			
	L		42	00			
M		42	50				
29	e	7	14	20	0.7		
	eL		46	05			
	M		53	00			
29	eL	18	56	05	0.2		
	M		57	30			

Sydney Observatory.
Milne Seismograph, E-W Component.
Constants B.P = 18^s D.V 1mm = 0"39.

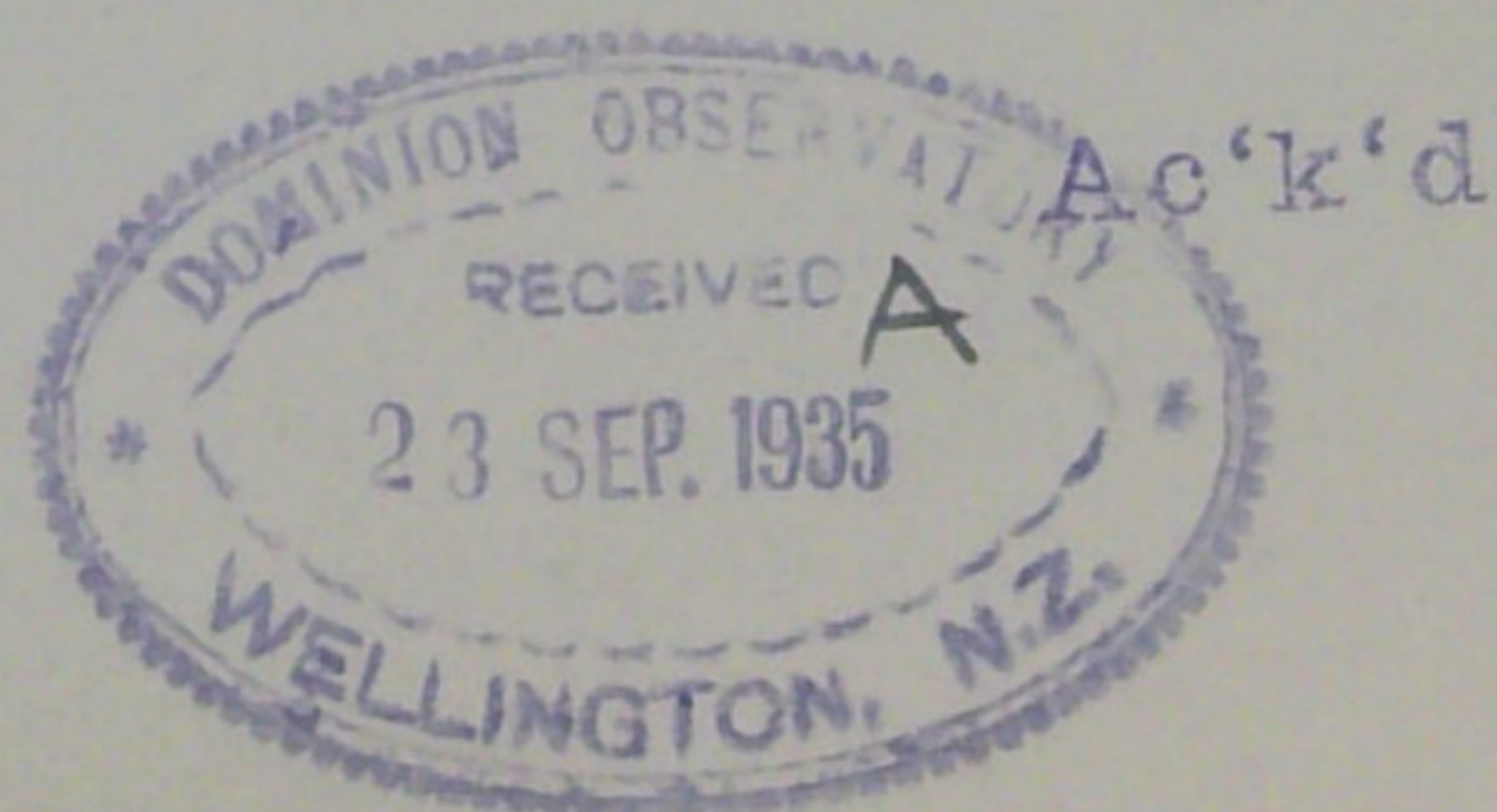
Date 1935	Phase	Time Greenwich H M S	A E mms	Δ Kms	Remarks.
July 6	e	22 00 33			
	L	05 18			
	M	06 00	0.3		
9	eL	13 50 30			
	M	50 40	0.1		Small Tremor, Summing N.S.W.
9	eL	21 18 00			
	M	20 30	0.2		
9	eP	21 28 00			
	eS	31 05		1850	
	L	32 10			
	M	32 05	0.6		
11	eP	13 15 20			
	eS	19 45			
	L	24 25		2810	
	M	26 30			
15	eP	12 04 08			
	eS	07 55			
	L	10 30		2320	
	M	12 36	0.6		
16	P	?			
	eS	16 51 45			P lost in micros.
	L	56 05			
	M ₁	58 30	0.2		
	M ₂	17 02 30	0.3		
17	P	?			
	eS	11 28 28			
	L	36 00			
	M	37 50	0.8		— do —
	L	46 30			
29	M	47 30	0.2		
	eP	17 42 05			
	eS	44 54			
	M	46 50			
	L	47 30	4.0	1690	
	M	49 24			
	L	50 24	4.2		
	M	54 30	1.8		
	L	55 50			
M	56 55				
30	e	5 55 05			
	L	6 07 36			
	M	09 00	0.8		
30	e	11 27 20			
	L	31 45			
	M	42 00			
		44 40	0.2		

Sydney Observatory
 Milne Seismograph E-W Component.

Constants BP = 18^s DV 1mm = 0".39



Date 1935	Phase	Time Greenwich H m s	A _E mm	Δ Kms	Remarks
August 3	eP	1 33 25			
	eS	41 00			
	L	51 36			
	M	54 12	3.1		
	L	57 30		6000?	P doubtful. Large
	M	59 00	2.8		micros precede.
	L	2 05 55			
	M	06 10	1.4		
	L	08 30			
M	10 00	1.5			
11	e	8 20 24			
	L	27 00			
	M	30 00	0.2		
17	eP	1 49 25			
	eS	52 30			
	L	53 25			
	M	54 10	16.5		
	L	55 55			
	M	56 38	4.5	1844	
	L	57 25			
	M	58 45	5.2		
	L	59 45			
	M	2 00 15	4.3		
	L	01 18			
	M	01 45	3.7		
	L	02 36			
M	03 15	2.8			
21	eP	13 55 30			
	L	14 05 25			
	M	09 22	0.2		
23	eP	10 27 52			
	L	34 00			
	M	35 10	0.4		
23	e	14 14 46			
	L	31 50			
	M	34 59	0.9		
	L	36 15			
	M	38 00	0.8		
	L	42 00			
M	45 10	0.5			



Sydney Observatory.
Milne Seismograph. E-W Component.
Constants B.P = 18^s D.V 1mm = 0.39

Date 1935	Phase	Time Greenwich H M S	A _E mms	Δ Kms	Remarks.
Sept 2	eP	7 28 20			
	L	31 55			
	M	34 10	0.7		
4	eP	1 59 10			P doubtful - micros precede
	eS	2 06 27		2	
	SR ₁	10 45		5650	
	SR ₂	12 15			
	L	15 10			
9	M	17 55	1.0		
	eP	6 24 16			
	iS	30 37			
	L	36 00			
	M	39 30	5.1	4450	
	L	43 15			
	M	44 00	3.0		
10	L	44 50			
	M	45 30	4.2		
	e	11 25 45			
	L	28 25			
11	M	30 00	0.3		
	eP	11 47 48			
	L	59 00			
11	M	12 02 12	2.5		
	L	05 00			
	M	05 45	1.2		
	eP	14 17 38			
	iS	25 36			
11	L	36 30			
	M	39 30	0.7		
	L	45 00			
	M	46 00	1.0		
	L	47 40		6430	
	M	50 00	0.9		
	L	53 00			
	M	55 50	0.9		
	L	00 00			
	M	00 40	0.8		
15	L	02 10			
	M	02 50	1.0		
	eP	11 21 40			
	iS	26 00			
15	L	30 36		2740	
	M	33 05	2.9		
	e	14 28 50			
15	L	32 24			
	M	32 45	0.3		
	L	46 30			
	M	52 30	2.0		
	L	57 40			
19	M	59 10	1.0		
	eP	2 33 54			
	eS	37 10		1960	
	L	40 12			
19	M	43 30	1.0		
	L	9 36 15			
	M	38 30	0.2		

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Date 1935	Phase	Time Greenwich H M S	A E mms	Δ kms	Remarks.
Sept. 20	iP	1 52 48			
	PR ₁	54 15			
	W	58 18		3750	
	L	2 02 24			
	M	06 00			
		to 20 00	> 23.0		
20	iP	5 30 30			
	PS	34 30			
	W	36 18		4060	
	L	39 30			
	M	42 30		> 23.0	
20	e	13 08 30			
	L	13 12			
	M	14 10	0.2		
20	L	15 53 30			
	M	56 12	0.2		
20	eP	21 16 18			
	PR	18 08			
	W	20 18		3.0	2490
	L	22 30			
	M	23 20			
20	P	?			
	eS	21 51 50			P doubtful. Merged into ATs of previous shock.
	L	54 30			
	M	57 00	1.5		
23	eP	9 11 50			
	W	20 30			
	L	34 10			
	M	37 30	> 23.0		
	L	38 36		7200	
	L	39 20	12.0		
	M	40 30	13.5		
24	P	?			P lost in micros
	W	4 14 30			
	L	18 00			
	M	19 00	0.7		
	L	21 00			
	M	21 40	0.8		
	M	23 00			
24	e	7 00 38			
	L	04 12			
	M	07 50	0.5		
25	eP	10 25 33			
	eS	31 27			
	L	36 50			
	M	39 00	6.0		
	L	40 50			
	M	41 45	2.2		
	L	43 15			
	M	44 40	2.0		
25	e	11 44 15			
	L	48 30			
	M	49 24	0.7		
	L	51 45			
	M	52 40	0.6		
26	L	22 32 12			
	M	33 00	0.3		
	L	38 55			
	M	39 30	0.4		
	L	41 36			
	M	42 36	0.2		
	L	44 30			
	M	45 30	0.3		

Sydney Observatory
Mine Seismograph - E-W Component
Constants BP = 18^s DV 1 mm = 0".39

Date 1935	Phase	Time Greenwich H M S	A _E mm	Δ kms	Remarks
Oct. 6	eP	4 40 37			
	eS	44 50			
	L	48 12			
	M	49 24	0.6	2.650	
	L	50 24			
	M	51 00	0.5		
11	eP	22 27 00			
	wL	31 45			
	L	33 36			
	M	35 00	11.5	3.090	
18	eP	11 14 36			
	eS	20 30			
	L	26 45			
	M	27 30	0.7		
	L	28 40			
	M	29 15	1.2		
	L	30 35			
	M	31 24	1.5	4.160	
	L	32 10			
	M	32 40	1.8		
	L	33 30			
	M	35 30	2.1		
L	36 50				
M	37 20	1.9			

Sydney Observatory
 Micro Seismograph E-W Component
 Constants BP = 18's D.V = 1mm = 0.39

Date 1935	Phase	Time Greenwich H M S	A E mm	Δ km	Remarks
Nov. 1	eP	16 42 27			
	eS	49 00			
	L	56 55			
	M	58 40	0.4		
	L	17 05 10		4840	
	M	07 10	0.4		
	L	09 20			
	M	10 50	0.7		
4	e	11 16 12			
	L	23 00			
	M	23 40	0.4		
5	eP	9 39 18			
	eS	43 55			
	L	47 24			
	M	48 12			
5	e	21 10 40			
	M	17 00	0.2		
	M	27 40	0.3		
	M	30 18	0.3		
	M	34 18	0.2		
7	e	20 51 12			
	L	54 45			
	M	55 50	0.2		
11	e	12 23 20			
	L	40 00			
	M	43 30			
11	L	13 25 00			
	M	26 42	0.2		
	L	27 45			
	M	28 30	0.4		
	L	30 30			
	M	31 24	0.6		P+S masked by micro s.
12	e	21 51 50			
	L	22 09 12			
	M	12 00	0.3		
13	e	23 32 45			
	L	41 00			
	M	44 10	0.2		
	L	48 00			
	M	50 00	0.3		
14	eP	20 03 50			
	eS	08 00		2620	
	L	12 30			
	M	13 55	2.1		
17	eP	7 47 24			
	eS	57 35		2630	
	L	55 28			
	M	56 45	0.7		

(2)

Date
1935

Phase

Time
Greenwich
H M S

A_E
mms

Δ
Kms

Remarks



Nov. 25

eP	10	17	42
L		35	50
M		44	20
L		47	20
M		48	18
L		52	00
M		53	50

0.7

0.5

0.6

P? preceded
by micros.

29

e	18	39	52
L		48	00
M		51	10

30

e	4	42	12
L		49	35
M		51	30



Sydney Observatory
 Milne Seismograph - E-W Component.
 Constants B.P. = 18^s. D.V. 1mm = 0".29

Date	Phase	Time Greenwich H m s	A _E mms	Δ Kms	Remarks
1935 Dec 5	eP	17 58 15			
	UJ	18 02 53			
	L	08 20		2990	
	M	10 00	2.5		
6	e	11 41 48			
	L	53 00			
	M	54 30	0.2		
6	e	21 49 06			
	L	55 30			
	M	57 00	0.2		
8	eP	22 05 25			
	L	11 30			
	M	13 38	0.5		
9	eP	7 28 12			
	L	32 40			
	M	33 30	1.9		
	L	35 30			
	M	37 00	0.7		
14	e	1 49 00			
	L	2 10 24			
	M	11 30	0.5		
	L	33 30			
	M	36 45	0.4		
14/15	e	22 21 12			
	L	31 50			
	M	33 30	0.4		
	L	35 45			
	M	36 45	0.7		
	L	42 30			
	M	43 00	0.6		
	L	46 00			
	M	47 06	0.5		
	L	23 11 30			
	M	12 50	0.6		
	L	15 00			
	M	16 15	0.7		
	L	38 36			
	M	47 30	0.5		
L	0 24 18				
M	25 00	0.6			
L	30 00				
M	31 30	0.7			
15	eP	7 12 25			
	UJ	13 40			
	L	18 00			
	M	20 12			
	L	21 40	20.0		
	M	22 40	> 23.0	2740	
17	e	13 26 36			
	L	29 45			
	M	31 36	0.6		
17	eP	19 25 18			
	UJ	40 00			
	L	45 50			
	M	47 30	1.0		
	L	49 55			
	M	57 10	1.2	3050	
	L	58 15			
M	20 00 30	1.0			

(2)

Date 1935	Phase	Time Greenwich H M S	A _E mms	Δ kms	Remarks
Dec. 18	e	9 00 36			
	L	06 24			
	M	07 40	0.2		
18	e	11 38 05			
	L	44 00			
	M	45 00	0.3		
20	e	18 40 20			
	eP	42 12			
	L	46 55			
	M	47 30	1.2		
	L	51 00			
	M	52 00	1.5		
24	e	13 20 48			
	L	28 24			
	M	30 30	0.5		
	L	36 30			
	M	37 30	0.4		
25	e	3 22 32			
	L	27 18			
	M	29 00	0.4		
26	e	5 42 02			
	L	45 04			
	M	48 00	0.6		
26	eP	20 11 08			
	eS	15 20			
	L	18 05			
	M	19 40	1.0	2640	
	L	20 45			
	M	21 36	0.6		
28	iP	2 45 28			
	iS	53 40			
	SR ₁	58 00			
	SR ₂	3 00 00			
	L	06 40			
	M	11 10	22.0		
	L	15 00			
	M	16 30	> 23.0		
	L	21 20			
	M	23 00	17.5	6690	
	L	24 00			
	M	25 30	8.8		
	L	26 45			
	M	28 40	13.7		
L	30 00				
M	31 00	8.0			
L	33 24				
M	34 55	7.5			
29/30	eP	23 44 24			
	iS	50 35			
	L	57 15			
	M	58 00	2.7	4450	
	L	58 30			
	M	59 30	4.6		
	L	0 02 10			
M	02 40	3.9			
30	e	23 33 38			
	L	36 45			
	M	37 40	0.2		