

JAN - MAR ONL



Seismological

Bulletin No. 49

MELBOURNE OBSERVATORY

SOUTH YARRA S.E.1 VICTORIA.

Milne-Shaw Seismograph No. 41 E-W Component.

Period 12 secs. Damping ratio 20:1. Time 1" = 42.4mm.

Universal

Date	Time	Phase	A	t	Δ	Remarks.
1940	h m s		μ	s	o	
Jan. 1	12 21 47	i				small but sharp
	24 51	e	s			
	26 56	i				sharp
	30 26	i				few larger waves
	36 15	i?				remainder insignificant.
2	11 29 56	i	s			
	35 17	i	s			
	45 25	L				
	51 1	M	13	21		
4	1 19 0	e	vs			
	28 35	e	vs			
	31 1	i	s			
	32 15	e	s			remainder insignificant.
6	14 9 9	1P				
	10 17	i				
	12 20	i				
	13 32	s			25.2	
	16.00	L				
	20.5	N	19	15		
10	4 16 8	i				
	16 40	i				
	18 8	M	3	11		
17	1 20 31	i	vs		P?	
	21 10	i	s			
	21 50	i	s			
	27 31	i				
	28 8	iS				
	30 16	SsS				
	32 8	SS				
	34 11	SUS				
	38 0?	L				
	45.5	M	134	20		
20	10 7 36	e	vs			
	8 23	e	vs			
	15 16	S				
	15 30	i				
	23 30	L				
	25.0	M	7	20		
21	23 58 7	i	vs			
22	0 0 51	i	vs			
	1 30	i				
	12.5	M	4	14		
22	1 17.4	eL				
	21.6	M	6	20		



Jan. 24	1	45	50			vs		
		48	22			s		
		50	37	e		s		
		51	50	L		s		
		52.5		M		4	13	
24	18	1	45			vs		
		4	40			s		
								remainder insignificant
26	6	47	53	e		vs		
		52	52	i				
		54	40	L?				
		57	0	i				
		57.4		M		41	22	
26	17	15	54	i		vs		
		23	57	IS				
		31	15	i				
		34	42	L?				
		37.9		M		6	12	
29	14	10	53	L				
		13.0		M		10	14	
31	18	54	8	i				
		54	10	M		2	?	local shock, felt in S.E. suburbs.
Feb. 5	6	58	00	e		s		obscured by micros.
7	17	39	50	i		vs		minute traces earlier.
		40	13	e				
		40	27	i				
		46	35	e				
		53	30	e				
		55	0	L				
		57.2		M		42	25	
12	8	27	40	iP		s		
		29	4	i				
		32	51	IS				31.7
		35	50	i				
		39	18?	L				
		45.9		M		8	15	
12	16	47	17	i		s		
		50	18	i		s		possible traces earlier remainder insignificant.
14	2	10	17	i		s		
		13	30	i		s		
		17	52	e		s		
		25	38	L				
		38	10	e				possible new disturbance.
14	10	42	23	e		vs		
		43	14	i		s		
		52	40	L		s		
		56.2		M		6	18	

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Feb. 20

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2 24 27 1P
24 36 i
25 10 i
25 31 PP
29 21 S
30 43 i
32 20 L
32.8 M1 200 22
35.9 M2 142 15

29.3

20 13 3 48 eP vs
11 4 eS
18 40 L
23.8 M 6 10
30.0 L
37.5 L
49.7 L

barely visible.

apparently a series of disturbances.

20 20 45 34 i vs
46 30 e s
50 37 i s
55 0 L
57.4 M 39 18

21 13 38 53 e vs
42 42 i vs
44 9 i
47.7 M 10

24 12 12 45 S
14 50? L
22.5 M 134 12

earlier phases lost in micros.

28 & 29

record lost.

Mar. 3 0 11 30 1P
12 21 i
16 15 iS 28.0
18 41 iL
20.6 M 105 22

3 12 10 3 e s
12 47 i s
14 43 e
16 48 L
19.5 M 27 14

6 18 27 6 i
29 30 i
30 32 iL
33.5 M 11 12

14 0 48 8 i vs
49 33 i s
52.1 M 3 13

14 17 27 43 i s
29 29 L
30.2 M 6 11

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Mar. 14 18 26 53 1P
27 27 1
30 0 1
30 4 S
30 24 m 402 12 17.3
30 50? L
32.5 M 400

off paper

18 5 45 12 1 vs
50 19 1 s
52 46? L
57.6 M 29 18

19 5 15 31 3 vs
20 16 1 vs
32.5 M 4 12

no recognised features.

19 10 52 15 1 vs
56 15 1 vs
11 2 17 1 s
4 7 1 s
11 23 1 s

19 15 3 30 1 s
6 8 1 s
9.0 M 6 19

21 14 0 56 1P
1 3 1
2 40 PP
2 47 PPP
7 22 1S
7 50 1
10 53 1
13 47 L
20.4 M 58 17

vs 01 s s s s 18

0 S 1 L 1 1 0 1 1 M

27 18 27 21 28 7 29.2 33 40 34 9 36 3 36 43 37 23 39 12 42.9

22 20 28 38 1 vs
33 11 1
37 0 1
37 40 L
42.4 M 12 16

Mar. 29 0.23 30 6 15 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60

23 8 31 17 1 vs
33 3 L s

27 12 55 47 1S
13 2 32 6
11 0 L
24.9 M 10 19

minute traces earlier

28 15 58 20 P
16 5 58 S 54.6
9 50 SS
11 40 SSS
15 54 S
17.9 M 38 18

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