

COMMONWEALTH OF AUSTRALIADEPARTMENT OF NATIONAL DEVELOPMENT.BUREAU OF MINERAL RESOURCES, GEOLOGY AND GEOPHYSICS485 Bourke Street,
MELBOURNE. VIC.PROVISIONAL SEISMOLOGICAL BULLETIN
MELBOURNE

Latitude: $37^{\circ} 49' 53''$ S. Longitude: $144^{\circ} 58' 24''$ E. Height: 28m.
Foundation : Silurian sand - and mudstone
Instrument : Milne Shaw, east-west component
Period : 12 seconds
Damping : 20 : 1 ca.
Magnification: 250

No.	Date 1954	Phase	Time (G.M.T.)	Remarks
67	Dec 28	eS	01 12 50	
	1955			
1	Jan. 5	eP i	00 54 17 54 27	
2	" 5	eP ePPP eS	23 48 24 49 13 53 10	
3	" 6	eS	02 33 31	
4	" 6	eS	09 59 20	
5	" 8	P e eS e	07 40 05 40 23 45 19 45 27	in time break
6	" 13	e	03 29 07	

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No.	Date 1955	Phase	Time (G.M.T.)	Remarks
7	Feb. 4th	e	07 42 21	
8	" 5th	e(SK ^a)	21 04 49	
9	" 14th	e	17 01 30	
		e	08 07	
10	" 16th	e	11 41 40	
		i	42 33	
11	" 27th	eP	20 50 12	
12	Mrch. 6th	eP	13 42 45	
		eS	50 13	
13	" 9th	e	05 54 06	
14	" 18th	eS	00 30 57	
15	" 23rd	eP	17 20 41	
		eS	24 18	
16	" 31st	eP	18 26 08	
		eS	33 19	

(P.B. Nye)
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No.	Date 1955	Phase	Time (G.M.T.)	Remarks
17	10th April	e	17 54 16	
18	14th "	e(S)	01 51 05	
19	15th "	e	03 58 31	
		e	58 58	
20	20th "	L	03.0	
21	20th "	e	06 13 17	
22	20th "	e	10 01 54	
23	5th May	L	06 02.6	
24	17th "	eS	15 09 12	
25	23rd "	eS	17 52 44	
26	26th "	(P) eS	16 29 46 34 45	
27	26th "	eS e e	21 30 58 34 50 35 12	
28	28th "	e	12 40 54	
29	29th "	eP eS	15 41 53 48 10	
30	30th "	iP eS sS	12 41 08 48 50 52 09	
31	30th "	iP iS	23 33 53 39 27	

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No.	Date 1955	Phase	Time (G.M.T.)	Remarks
34	2nd June	iS	00 43 32	
		e	00 47 41	
		e	00 49 34	
		e	00 58 43	
		e	01 01 20	
35	14th June	e	07 04 37	In time break.
36	15th June	iP	03 08.9	
		i	03 11 38	
		eS	03 15 05	
			(P. B. NYE)	
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37	6th July	eS	02 18 03	
38	16th "	iP	02 00 25	
		eSS	04 11	
		iLR	04 36	
39	18th "	iP	11 36 01	
40	23rd "	eS	13 00 39	
		e	03 24	
		e	05 52	
		i	07 37	
41	26th "	e(S)	11 44 19	
		eL	48.8	

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No.	Date 1955	Phase	Time. (G.M.T.)	Remarks
42	Aug. 6	iP	08 38 03	
		i	39 42	
		iS	43 17	
		e	46 26	
43	" 21	eP	17 40 56	
		eS	46 35	
		i	49 14	
44	" 26	e(S)	09 09 13	
		eL	10 26	
45	Sept. 3	iP	16 30 57	
		ipP	32 11	
		eS	37 03	
		eSS	40 21	
46	" 8	eS	02 25 54	
		eSS	31 16	
		eSSS	34 35	
		eL	36 33	
47	" 8	iP	03 33 58	
		e	35 21	
		eS	38 56	
		e	41 11	
		eL	42 43	

No.	Date 1955	Phase	Time (G.M.T.)	Remarks
48	Sept. 9	eS	09 59 05	 International Seismological Centre
49	" 9	eS	16 32 54	
50	11	eP	18 01 01	
		e	04 16	
		eS	06 12	
		eL	09 54	
51	" 11	eP	18 10 51	
52	15	iP	12 37 20	
		ipP	37 32	
		i	39 32	
		i	41 30	
		iS	42 48	
		esS	43 04	
		i	44 11	
		iSS	45 10	
53	20	iP	13 26 40	
		i	26 42	
		e	27 03	
		e	27 40	
		i	28 04	
		e(S)	32 06	
		e(L)	35 46	
54	21	iP	06 45 38	
		ipP	45 50	
		ePP	46 29	
		i	47 35	
		eS	50 24	
		eSS	51 41	
		eSSS	52 11	
		e	54 36	
		e	56 04	

No.	Date 1955	Phase	Time (G.M.T.)	Remarks
55	Sept. 22	iP	03 35 50	 International Seismological Centre
		i	35 58	
		i	36 04	
		eS	44 30	
		e	45 39	
		eL	51 58	
56	" 22	iP	05 41 01	
		e(S)	46 11	
57	" 24	iP	02 07 07	
		eS	12 30	
58	" 25	iP	19 07 52	
		e	08 11	
		iPP	09 41	
		i	10 44	
		eS	14 38	
		e	14 58	
		eScS	17 37	
		e	18 17	
59	" 26	iPKP	08 47 09	
		i	48 01	
		e	48 16	
		iPP	49 01	
		e	49 38	
		iSKS	53 56	
		e	58 55	
60	" 30	iP	07 10 11	
		i(pP)	10 28	
		i	10 34	
		i	12 15.1	
		i(PPP)	12 40	
		eS	16 57	
		eSS	20 41	
				(P.B. NYE) Director



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No	Date 1955	Phase	Time (G.M.T.)			Remarks
			h.	m.	s.	
61	Oct. 4th	iP	07	33	51	
		eL		42	39	
62	5th	iP	09	11	09	
63	6th	ePP	11	20	35	
		eSKS		26	56	
64	9th	iP	17	47	00	
		e		52	00	
65	10th	iP	09	04	28	
		e		05	32	
		e		05	46	
		e(S)		09	45	
		eS		09	52	
		eL		14	03	
66	11th	iP	01	14	10	Local
		iS		14	33	
67	13th	iP	09	33	05	
		e		34	59	
		e		36	43	
		e		37	01	
		iS		38	13	
		e		38	28	
		e		39	45	
		eSS		40	17	
		e		40	24	
		eL		40	45	
		e		40	57	
68	13th	iP	16	25	26	
		e		30	30	
69	19th	iP	10	07	34	
		i		07	56	
		eS		18	09	
70	21st	iP	04	42	28	
		ipP		42	51	
71	21st	iP	19	08	49	
		ipP		10	32	
		e		10	55	
		e		11	50	
		e		12	48	
		i		12	58	
		iS		13	39	

No.	Date 1955	Phase	Time (G.M.T.)			Remarks
			h	m	s	
71	Oct. 21st	e		17	02	
		e(ScS)		17	48	
		e		18	36	
72	21st	iP	23	17	35	
		i		17	55	
		eS		24	01	
		e		27	18	
73	22nd	iP	22	13	25	

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No.	Date 1955	Phase	Time (G.M.T.)			Remarks
			h.	m.	s.	
November						
74	10	eL	01	38	37	
75	10	iP	01	51	55	
		iS		58	06	
		iL	02	01	49	
76	12	iP	10	14	30	
		e		15	02	
		eS		19	40	
		e		21	32	
77	12	eP	11	21	23	
		e		21	32	
		e		28	35	
78	19	e(S)	05	52	48	
79	21	iP	21	09	36	
		ipP		09	55	
		e		10	59	
		eS		13	45	
		e		15	10	
80	22	iP	03	36	03	
		e		39	29	
		e		45	37	
		e		51	01	
		eL	04	00	18	
81	23	eP	06	42	23	
		i		42	27	
		i		42	44	
		eS		53	08	
		esS		53	37	
		e		58	45	
		e	07	02	12	
82	27	eL	07	20	15	
83	28	eP	18	29	26	

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			h.	m.	s.	
December						
84	7	eP	15	31	41	
		e(PoP)		14	30	
		e		17	15	
		iS		22	24	
		e		23	52	
		e		26	25	
		eL		29	41	
85	8	iP	17	41	59	Clock faulty - Time G.M.T. $\pm$ 30 seconds. Δ 34.2° h = 400 km.
		ipP		43	17	
		iS		46	57	
		e		49	50	
		i(SS)		49	56	
		eL		51	57	
		e		52	44	
		e		55	04	
86	15	eS	19	15	08	
		eL		17	46	
87	19	iP	03	22	40	
		iPP		24	36	
		iPPP		25	31	
		iS		29	44	
		eL		33	05	
88	27	iP	02	34	25	
		ipP		35	16	
		e		36	43	
		eS		39	24	
		eL		42	22	
89	27	eS	09	03	24	
		eL		08	32	

(P. B. Nye)
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