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No. 58/5.

COMMONWEALTH OF AUSTRALIA
DEPARTMENT OF NATIONAL DEVELOPMENT
BUREAU OF MINERAL RESOURCES, GEOLOGY AND GEOPHYSICS
203 Collins Street,
MELBOURNE, VIC.

PROVISIONAL SEISMOLOGICAL BULLETIN

MAWSON

Latitude: 67° 35.'7 S Longitude: 62° 54'.0E. Height: 6 metre.

Foundation: Felspar porphyry

Instruments: Leet Blumberg three components.
Period 1 second.
Damping coefficient 0.6.

No.	Date	Phase	Time (G.M.T.)			Remarks
			h	m	s	
1	May 1st	iP	00	41	21	13½S 167½E New Hebrides Is.
2	11th	iP	00	47	53	Celebes
3	12th	ePkP	05	58	(20)	52N 169½W Fox Is.
4	14th	iP	04	10	51	4½S 153E New Ireland
5	15th	iPKP	04	44	37	51½N 173½W Andreanof Is.
6	15th	eP	07	14	(26)	11½S 165E Santa Cruz Is.
7	17th	eP	07	15	(06)	3S 147½E Bismark Sea
8	17th	ePKP	15	58	13	51N 179W Andreanof Is.
9	22nd	iPKP	11	52	36	50½N 175W Andreanof Is.
10	25th	iPKP	00	55	06	51N 177W Andreanof Is.
11	25th	iPKP	15	14	14	51½N 177W Andreanof Is.
12	26th	iPKP	11	16	24	53N 169½W Fox Is.
13	26th	iPKP	11	16	56	
14	27th	iP	23	45	08	5½S 146E New Guinea
15	30th	iP	06	03	01	7S 154½E Solomon Is.

No.	Date	Phase	Time (G.M.T.)			Remarks
			h	m	s	
16	✓ May 30th	iP	16	24	38	25N 122E Formosa
17	✓ 30th	iPKP	18	24	43	52 $\frac{1}{2}$ N 169W Fox Is.
18	30th	ePKP	19	29(19)		52 $\frac{1}{2}$ N 168 $\frac{1}{2}$ W Fox Is.
19	31st	iP	08	14	01	
20	✓ 31st	iP iS	19 55	44 00	48	H 19 32 28 82.°3 15S 169E New Hebrides

(J.M. RAYNER),
D I R E C T O R .

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No.	Date 1958	Phase	Time (G.M.T.)	Remarks
21	June 1st	iP	10 ⁿ 52 ^m 52 ^s	18S 69W Bolivia- Chile border.
22	1st	iP	12 47 21	5 $\frac{1}{2}$ S 146E Near north coast of New Guinea.
23	1st	iP	19 59 48	19S 64 $\frac{1}{2}$ W Southern Bolivia
24	✓ 3rd	iP	19 44 14	15S 168E New Hebrides Is.
25	✓ 4th	iPKP	14 49 (56)	52 $\frac{1}{2}$ N 167W Fox Is.
26	5th	iP	08 33 47	10 $\frac{1}{2}$ S 166E Santa Cruz Is.
27	6th	ePP ePPP	09 31 12 33 39	8N 85W off coast of Costa Rica.
28	6th	iP	12 36 11	21S 67W Bolivia.
29	✓ 7th	iP eS	13 02 (29) 08 (25)	53S 140E Sth of Tasmania. H=12 55 00 $\Delta = 39^{\circ}.5$
30	✓ 8th	iPKP	00 58 48	53N 167W Fox Is.
31	✓ 9th	iPKP	16 19 12	52 $\frac{1}{2}$ N 168W Fox Is.
32	✓ 10th	iP	04 11 33	30 $\frac{1}{2}$ S 177W Kermadec Is.
33	✓ 12th	iPKP	21 12 54	53N 167W Fox Is.
34	✓ 13th	iP pP	11 05 40 05 47	50S 126 E South of Australia.
35	✓ 15th	iP	11 44 54	9S 150E Near E coast of New Guinea.
36	15th	iP	17 33 15	9 $\frac{1}{2}$ S 150E " N " " " "
37	✓ 15th	iP pP ePP iS isP eSS	15 06 11 08 13 09 13 15 42 16 47 19 24	18S 178 $\frac{1}{2}$ W Fiji Is. H = 14 54 45 $\Delta = 83^{\circ}.5$ h=0.09
38	16th	iP	15 10 52	7 $\frac{1}{2}$ S 80W Near coast of Peru.
39	✓ 19th	iP	18 09 45	52 $\frac{1}{2}$ S 140E Sth of Tasmania.
40	✓ 23rd	iP	19 29 11	18S 178W Fiji Is.

No.	Date 1958	Phase	Time (G.M.T.)	Remarks.
41	June 24th ✓	iP	00 19 54	8½S 112E near Sth coast of Java
42	25th ✓	iP eS	09 49 05 59 24	3S 144½E near Nth coast of H= 09 36 40 Δ=83.5. [New Guinea.
43	25th ✓	iP	12 56 31	5S 152E New Britain
44	27th ✓	iPKP	06 03 39	13N 88½W near Coast of El Salvador.
45	29th ✓	iP	03 38 34	15½S 70½W Southern Peru.
46	29th ✓	iP	09 27 27	16½S 172W Tonga Is.
47	29th ✓	iP	12 53 30	15½S 173W Samoa Is. region.

(J.M.RAYNER)
Director.