

PERTH, WESTERN AUSTRALIA.

SEISMOLOGIC STATION, PERTH OBSERVATORY.
January - March, 1951.

Inst.No.	Date.	Phase.	Time, G.M. T.	Amp.	Distance ,	REMARKS
			h. m.s.	cms	ml's.	
January.						
1.	Jan.1	i	20.29.57	.16		
		i	- 32.10	.21		
		i	- 34.54	.15		
		i	- 38.17	.20		
		M	- 40.35	.31		
2	- 3	i.	18. 1.13	.16		
		i.	- 4.20	.15		
		i.	- 10. 3	.27		
		i.	- 16. 3	.39.		
3	- 10	i.	19.30.32	.14		
		i.	- 32.53	.05		
		i.	- 34.10	.07		
		M.	- 40.20	.19		
		M	- 41.20	.5		
4.	-14	e	10.46.45	.07		
		e	-51.55	.15		
5	-15	i	4.21.38	.15		New Hebrides Islands.
		PR2.	- 23.20	.21		
		IS	- 27.53	.75		
		PS	- 28.40	.55		
		SR2	- 31.25	.65		
		i	- 34.17	.60		
		L	- 36.20	.80		
		M	- 42. 0	2.35		
		M	- 42.13	2.75		
6	- 25	i	16.50.28	.22		
		i	- 53.55	.23		
		M	- 58.15	.25		
Tremors and undecipherable disturbances were recorded on January 1st (1), 3rd (1), 6th (3), 10th(2), 15th (1), 16th(3) 21st (1), 23rd(1), 24th (2), 26th (2) and 29th (1).						
FEBRUARY.						
7	Feb.2.	i	19.41. 3	.15		
		i	- 42.53	.20		
		i	- 43.25	.20		
		M	- 47.25	.75		
		M	- 49. 8	.65		
8	- 10	i	3.43.53	.23		
		i	- 53. 0	.20		
		Maxs to	-57.15			
			-59. 55	.30		
9	- 11	i	22. 2. 8	.16		
		i	- 6. 8	.20		
		i	- 8.35	.25		
		i	- 13.27	.30		
		M	- 15.55	.40		
		Fca	22.52			

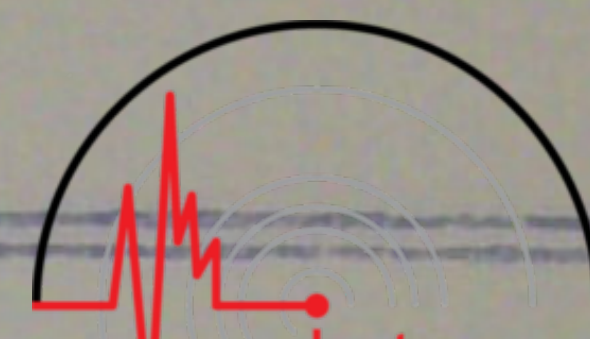
Inst. No. Date. Phase. Time. Amp. Distance. REMARKS
G . M. T.



			h. m. s		
10	Feb. 13	i	1. 1.58	.20	
		i	18. 0	.25	
		i	27. 3	.22	
11	- 13	P	12. 7. 0	.15	
		PR1	9.30	.20	
		i	14.30	.25	
		S	15.38	.40	
		i	18.40	.23	
		M	29.50	.35	
		M	31.15	.30	
		M	31 50	.32	
12	- 13	i	22.40.20	.26	
		i	44.43	.15	
		i	23. 6.58	.21	
		Maxs	- 12.32	.35	
		to	- 20.20		
		Fca	23.55.		
13	- 14	i	21.22.12	.16	
		i	- 24.20	.20	
		M	- 30.20	.34	
		Fca	22. 1		
14	- 17	iP	21.14. 9	.75	
		PR1	15.15	.70	
		PR2	- - 35	.42	
		S	- 19.45	.90	
		SR1	- 22.15	2.80	
		M	- 26. 5	4.15	
		M	- 27.28	3.00	
		M	- 28.31	3.00	
15	- 22	i	2. 1.58	.25	
		M	2. 6.57	1.40	
		M	- 7.15	1.45	
		M	- 7.27	1.70	

Tremors and undecipherable disturbances were recorded on February 8th (2), 10th (2), 16th (1) and 20th (1).

			March.		
16	Mar 9	iP	19.49.40	.15	Flores
		PR2	- 50.23	.40	Sea region.
		iS	- 53.47	2.25	
		M	- 58.28	5.00	
		M	20. 1.12	5.25	
		Fca	22.16		
17	- 10	i	22. 7.10.	.21	
		PR1	- 8.30	.16	
		i	- 9.10	.30	
		S	- 13.13	.85	
		PS	- 14. 5	1.50	
		SR1	- 17. 0	.65	
		SR2	- 18.12	1.00	
		M	- 22.43	3.40	
		M	- 23.45	3.70	
		M	- 25.25	3.65	



Inst.	No.	Date.	Phase.	Time. G.M.T.	Amp.	Distance	REMARKS.
		Mar. 18		h. m. s.			
	18.	Mar. 23	i	21.48.58	.12		
			i	- 50.53	.12		
			i	- 55. 8	.10		
			i	- 56.25	.40		
			i	22. 5.22	.45		
	19.	- 24	i	0 .33.35	.40		
			i	- 34.14	.11		
			i	- 36. 2	.20		
			i	- 39.20	.15		
			Maxs to	- 42.43			
				- 45.33	.40		

Tremors and undecipherable disturbances were recorded on March 8th (1), 17th (1), 22nd (1) and 28th (2).

H.S. SPIGL,
GOVERNMENT ASTRONOMER.

PERTH, WESTERN AUSTRALIA.

Seismologic Station, Perth Observatory.
APRIL - JUNE, 1951.



St.	No.	Date	Phase	Time G.M.T.			Amp. cms.	Distance mils.	Remarks
				h.	m.	s.			
7	20	April 2	e 1S 1 M M	22 - - - -	17 23 29 35 -	10 20 12 10 45	.10 .27 .30 .45 .48		
	21	" 7	Maxs to	9 -	54 57	0 0	.29		
	22	" 8	e e Maxs to	4 - 5 5	52 55 3 6	35 17 15 3	.16 .15 .23		
	23	" 13	1 P PR1 e 1S 1 M M M M M	10 - - - - - - - - -	19 20 - 23 25 27 32 35 39 40	40 5 20 30 45 55 25 6 30 40	.40 .60 .35 .60 .55 1.10 1.40 1.50 1.35 1.10		
	24	" 16	1 Maxs to	5 - -	12 16 17	25 12 35	.22 .26		
	25	" 21	Maxs to	17 -	24 27	5 0	.16		
	26	" 30	eP 1 1 1S SR1 SR2 1 Maxs to Fca	15 - - - - - 15 - - 18	36 38 39 42 45 46 48 50 57 8	20 5 3 35 2 5 3 5 18 8	.15 .20 .18 .40 .35 1.35 1.30 4.10		

Tremors and undecipherable disturbances were recorded on April 14th(2), 15th (1), 22nd (2) and 23rd (1).

27	May 1	1P 1S 1 SR1 1 M M	5 - - - - - -	<u>MAY</u> 9 13 14 15 17 21 22	15 58 5 33 8 48 35	.25 .32 1.00 1.50 2.20 3.00 3.10
----	-------	-------------------------------------	---------------------------------	---	--------------------------------------	--

-2-
MAY (Contd.)

st.	No.	Date	Phase	Time G.M.T.			Amp.	Distance	Remarks
				h.	m.	s.	cms.	mls.	
	28	May 2	1 1 1 Maxs to	16 - - - -	27 28 29 30 33	12 13 36 0 10	.12 .50 .50 1.50		
	29	" 15	1 1 1 1	11 - - -	39 43 45 52	45 55 35 0	.15 .15 .15 .30		
	30	" 21	P PR2 S 1 1	8 - - - -	41 42 45 - 46	52 43 13 55 32	.55 .65 1.15 .75 .52		
	31	" 28	eP 1 M M	20 - - -	12 17 21 -	34 40 20 33	.12 .10 .23 .23		
	32	" 29	P PR1 S SR1 SR2 Maxs to	6 - - - - - -	10 11 16 18 - 22 31	28 47 3 10 48 30 43	.20 .20 .23 .44 .52 3.40		
	33	" 30	1 1 1 M M	20 - - - -	4 6 8 13 16	17 25 39 13 15	.40 .16 .40 .60 .60		
	34	" 31	1 1 1	21 - -	4 9 11	52 58 10	.30 .16 .20		
Tremors and undecipherable disturbances were recorded on May 5th (1), 10th (1), 13th (1), 14th (1), 16th (1), and 17th (1).									
	35	June 7	1 1 Maxs to	11 - - -	50 52 53 56	10 40 52 0	.21 .28 .85		

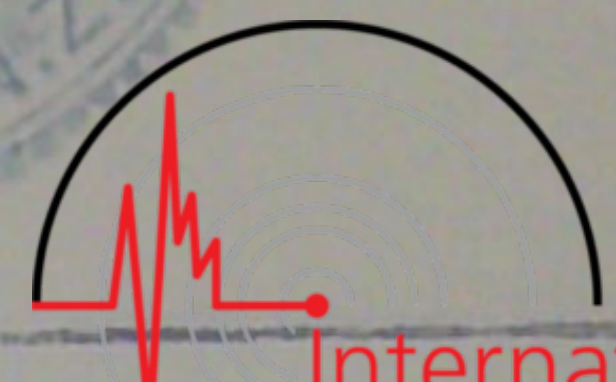
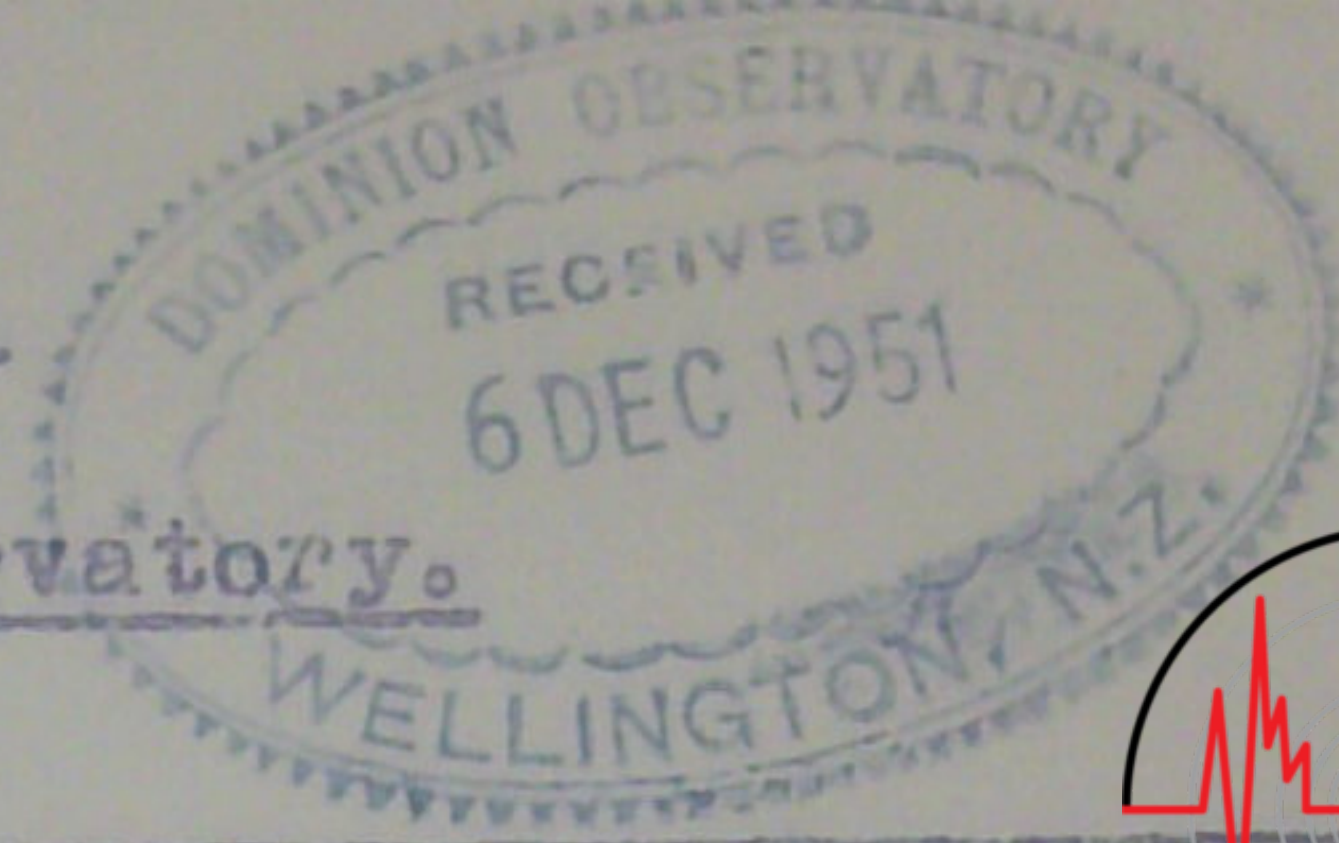
No.	Date	Phase	Time G.M. T.			Amp. cms.	Distance miles.	Remarks
			h.	m.	s.			
36	June 12	P S L M	7 - - 8	48 53 58 1	35 48 3 20	.16 .25 .23 .80		
37	" 24	1 1 1	17 - -	4 7 10	24 20 35	.12 .23 .19		
38	" 25	1 1 1 M	15 16 - -	58 1 8 10	3 5 0 30	.21 .30 .30 .37		
39	" 26	1 1 1 Maxs to	3 - - - 4	51 53 56 57 1	50 0 3 48 25	.21 .21 .30 .41		

Tremors and undecipherable disturbances were recorded on
June 2nd (1) , 5th (1), and 25th (1)

PERTH, WESTERN AUSTRALIA.

Seismologic Station, Perth Observatory.

JULY - SEPTEMBER, 1951.



International
Seismological
Centre

Inst. No. Date Phase Time G.M.T. Amp. Distance Remarks

h. m. s. cms. mls.

JULY

27

40 July 3 1 9 4 30 .35
1 - 8 25 .50

41 - 8 iP 5 52 15 .35
PR2 - 54 20 .28
iS - 58 50 .55
SR1 6 1 18 .30
L - 5 8 .35
Maxs - 7 53
to - 13 20 .50

42 - 11 1 18 34 20 .30
1 - 39 42 .25
1 - 42 43 .30
1 - 43 5 .25
1 - 48 17 .25

43 - 13 iP 20 7 43 .32
1 - 10 33 .50
1 - 16 3 .50
M - 20 45 .70

44 - 16 e 10 49 46 .21
iS - 53 26 .75
SR1 - 55 38 .45
SR2 - 56 2 .40
Maxs - 59 43
to 11 6 18 1.10

45 - 18 1 9 29 8 .32
1 - 46 13 .25
1 - 48 38 .25
M 10 12 58 .50
M - 13 15 .50

46 - 29 1 23 43 50 .23
1 - 45 3 .30
1 - 49 20 .40
M - 51 40 .70
M - 52 10 .80
M - 54 5 .80

Tremors and undecipherable disturbances were recorded on July 10th (1), 17th (1), 30th (1) and 31st (1).

47 Aug. 2 1 3 57 23 .31
1 4 0 15 .37
1 - 2 23 .26
M - 4 28 .38
M - - 41 .45

- 2 -
AUGUST (cont.)

No.	Date	Phase	Time G.M.T.			Amp. cms.	Distance mils.	Remarks
			h.	m.	s.			
48	Aug. 6	1	15	31	42	.20		
		M	-	34	7	.37		
		M	-	35	8	.35		
49	- 12	1	21	26	5	.17		
		1	-	28	4	.23		
		M	-	30	28	.60		
		M	-	32	50	.65		
50	- 13	1	19	9	55	.23		
		e	-	21	3	.18		
		Maxs to	-	31	0			
			-	38	42	.37		
51	- 18	1	3	47	3	.20		
		1	-	50	22	.23		
		M	-	53	30	.30		
		M	-	54	25	.31		

Tremors and undecipherable disturbances were recorded on August 2nd(1) and 21st(1).

SEPTEMBER.

52	Sept. 28	1P	3	36	44	.19		
		1	-	40	44	.25		
		S	-	44	45	.24		
		SR1	-	48	32	.32		
		1	-	49	8	.32		
		Maxs to	-	59	25			
			4	1	40	.40		

Tremors and undecipherable disturbances were recorded on September 1st(1), 9th(1), 13th(1), 17th(2), 20th(1), 21st(2), 28th(1), and 29th(1).

PERTH, WESTERN AUSTRALIA.

Seismologic Station, Perth Observatory.

OCTOBER - DECEMBER, 1951.



International
Seismological
Centre

St.	No.	Date	Phase	Time			Amp.	Distance	Remarks
				G.M.T.					
				OCTOBER.					
				h.	m.	s.	cms.	miles.	
7	53	Oct. 11	iP	1	46	25	.17		
			iS	-	52	23	.40		
			SR1	-	55	20	.85		
			SR2	-	56	30	.40		
			i	-	59	22	.50		
			Maxs.	2	2	30			
			to	2	10	0	.60		
	54	- 14	e	9	35	50	.16		Java Sea
			S	-	40	2	.30		
			i	-	42	28	.27		
	55	- 21	iP	21	44	0	.55		Formosa
			PR1	-	46	4	.45		
			i	-	46	55	.31		
			i	-	50	10	.41		
			iS	-	52	0	.80		
			SR1	-	55	38	1.05		
			SR2	-	57	45	1.60		
			i	-	59	7	1.60		
			M	22	8	32	2.60		
			M	-	10	47	2.50		
	56	- 22	i	3	39	28	.17		
			i	-	44	20	.27		
			i	-	47	0	.35		
			i	-	47	20	.45		
			i	-	49	35	.41		
			M	4	2	50	1.00		
	57	- 26	e	6	0	42	.17		
			e	-	1	55	.27		
			Maxs.	-	3	0			
			to	-	5	0	.60		
	58	- 28	i	7	1	8	.35		
			i	-	2	42	.24		
			M	-	5	30	.52		
			M	-	7	30	.48		
	59	- 31	e	7	2	40	.21		
			i	-	9	5	.26		
			L	-	11	6	.26		
			M	-	14	10	.90		
			M	-	14	33	.80		

International
Seismologi
Centre

Tremors and undecipherable disturbances were recorded on:-
October 5th (1), 6th (1), 9th (1), 13th (1), 22nd (2),
23rd (2), 25th (2), and 30th (1).

St.	No.	Date	Phase	Time G.M.T.			Amp. cms.	Distance miles.	Remarks
				h.	m.	s.			
	60	Nov. 4	P PR2 i iS SR2 Maxs. to	9 - - - - - -	1 3 4 7 10 13 18	52 35 15 33 27 42 20	.14 .16 .20 .25 .55 .75		N.E. coast of New Guinea
	61	- 6	eP i S SR1 i M M	16 17 - - - - -	52 2 3 9 23 33 35	53 47 25 8 35 33 50	.13 .14 .35 .30 .31 .35 .35		
	62	- 10	i i i	7 - -	27 29 31	10 8 30	.20 .35 .45		
	63	- 12	i i	8 -	32 38	54 16	.21 .16		
	64	- 18	iP PR1 PR2 S PS i SR1 i L M M	9 - - - - - 10 - - - - -	46 49 50 55 56 57 0 4 8 15 19	45 13 40 40 2 22 0 16 32 25 16	.21 .25 .26 .41 .70 .75 .80 .90 .85 1.10 2.25		Eastern Tibet
	65	- 22	i i i i	2 - - -	18 - 23 28	12 55 0 55	.15 .18 .32 .16		
	66	- 24	P iS SR1 M M M	18 19 - - - -	56 4 8 19 20 22	55 30 4 22 0 20	.12 .35 .50 .70 .85 .65		
	67	- 29	i i i i	4 - - 5	57 58 59 0	26 1 30 25	.40 .31 .35 .55		

Tremors and undecipherable disturbances were recorded on November:-
4th (1), 10th (1), 12th (1), 16th (1), 19th (2), and 26th (1)

DECEMBER.

St.	No.	Date	Phase	Time			Amp.	Distance	Remarks
				G.M.T.					
				h.	m.	s.	cms	mls.	
	68	Dec. 8	iP	4	23	10	.25		Indian Ocean S.E. of Madagascar
			Pr2	-	25	55	.60		
			i	-	27	50	.70		
			iS	-	30	13	1.50		
			M	-	39	25	2.75		
			M	-	46	0	2.35		
			M	-	46	26	2.30		
			Fca	7	34				
	69	- 21	e	9	0	5	.17		
			e	-	5	50	.18		
			i	-	9	2	.30		
			M	-	14	55	.33		
			M	-	15	35	.40		
	70	- 23	e	6	35	40	.16		
			i	-	40	38	.35		
			M	-	44	2	1.00		
			M	-	45	10	1.00		



International
Seismological
Centre

Tremors and undecipherable disturbances were recorded on:-
 December 7th (1), 18th (1), 22nd (1), 23rd (1), 25th (1),
 28th (1) and 30th (1).



International
Seismological
Centre