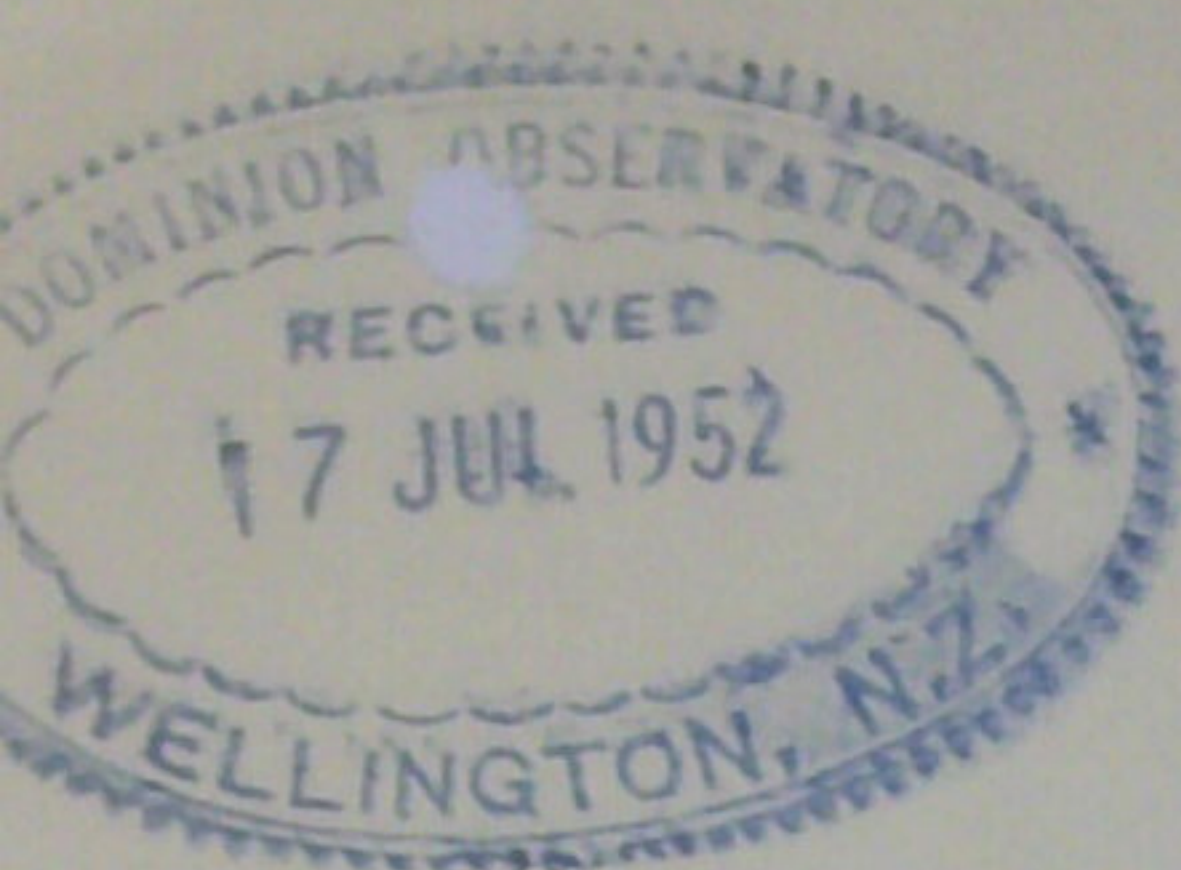




PERTH - WESTERN AUSTRALIA.

Seismologic Station, Perth Observatory.

January - March 1952.



Inst.	No.	Date	Phase	Time			Amp.	Distance.	Remarks.	
				G. M. T.						
				h.	m.	s.	cms	mls.		
27				January.						
	1	Jan. 3	P	20	49	20	.11			
			PR2	-	50	26	.11			
			S		54	10	.19			
			SR1		55	55	.25			
			L		57	32	.18			
			M	21	0	5	.25			
			M	-	-	22	.25			
	2	4	L	6	10	2	.17			
			M	-	14	35	.32			
			M		15	12	.35			
	3	7	1	3	12	35	.25			
			Maxs	-	13	40	.70			
			to	-	15	45				
	4	11	P	4	7	25	.18		Eastern New-Guinea.	
			i	-	8	6	.26			
			PR2	-	9	18	.21			
			S	-	13	30	.21			
			SRI	-	15	37	.33			
			i	-	19	0	.35			
			M	.	20	10	.75			
	5	12	e	6	8	40	.22			
			i	-	13	55	.23			
			M	-	18	25	.30			
	6	13	i	4	21	5	.66			
			i	-	24	12	.32			
			e	-	29	25	.26			
	7	20	e	9	26	0	.21			
			M	-	29	0	.50			
			M	-	30	5	.48			
	8	28	i	13	29	5	.23			
			i	-	32	11	.37			

Tremors and undecipherable disturbances were recorded on January 6th (3)

Inst.	No.	Date	Phase	Time G.M.T.			Amp. cms.	Distance. mls.	Remarks.
				h.	m.	s.			



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February.

9	Feb. 8	P	18	29	10	.12		
		S	-	32	52	.20		
		M	-	37	10	.40		
		M	-	37	44	.40		
		Fca	19	37				
10	- 11	i	7	12	0	.55		Java Sea Early phases lost - power failure
		i	-	12	56	.75		
		i	-	17	55	.95		
11	- 11	i	16	38	32	.18		
		i	-	40	47	.26		
12	- 14	P	3	43	52	.25		
		PR1	-	44	20	1.30		
		S	-	48	45	3.70		
		SR1	-	49	52	3.65		
		M	-	53	35	5.40		
		M	-	55	12	5.60		
		M	-	56	45	5.70		
13	- 16	i	21	16	5	.21		
		i	-	18	17	.20		
		M	-	20	13	.30		
		M	-	21	22	.30		
14	- 25	PR1	1	30	1 2	.17		Tonga Is.
		S	-	36	28	.21		
		i	-	37	45	.26		
		i	-	43	36	.20		

Remors and undeciperable disturbances were recorded on February 2nd (1)
th (2) 12th (2) 14th (1) 16th (1) 18th (1) 22nd (1) and 26th (2).

March.

15	March 3	e	7	31	40	.16		
		e	-	42	9	.11		
		Maxs	-	47	20			
		to	-	50	45	.21		
16	4	P	1	35	5	.30		East coast of Hokkaido Japan.
		PR1	-	38	15	.95		
		PR2	-	39	50	.55		
		S	-	45	25	1.25		
		PS	-	45	55	2.30		
		i	-	57	35	2.00		
		M	2	6	25	3.55		
17	4	S	19	46	5	.17		
		eSR1	-	49	10	.11		
		i	-	50	3	.15		
		L	-	53	55	.40		
		M	-	56	55	1.50		
		M	-	57	8	1.30		

Inst.	No.	Date	Phase.	Time G. .T.			Amp. cms.	Distance. mls.	Remarks.
				h.	m.	s.			
	18	March 9	e i i i M	17 - - - -	15 26 31 35 45	45 6 18 10 0	.15 .20 .23 .25 .40		
	19	- 11	P i M	6 - -	9 - -	15 25 38	.15 .25 2.05		Widely felt - Centred at Bolgart Long.
								31° 16' S	Lat. 116° 30' E
	20	- 13	i e	14 -	15 25	28 17	.25 .10		
	21	- 15	e i i i M M	11 - - - - -	27 29 - 31 33 -	45 0 35 30 5 30	.20 .31 .50 .60 .80 .90		
	22	- 19	1P PR1 PR2 i S SR1 L M M M	11 - - - - - - - - -	5 6 7 11 - 14 17 21 22 27	14 33 10 5 40 2 23 28 30 7	1.00 2.50 2.20 1.85 6.10 2.00 1.50 3.40 4.00 4.75		
	23	- 20	e i M M M	23 - 0 - -	55 59 6 7 8	20 50 55 45 50	.16 .21 1.40 1.35 1.35		
	24	- 21	i M M	16 - -	35 39 39	55 10 37	.25 1.25 1.10		
	25	- 25	i i i	9 - -	44 46 53	0 58 13	.16 .33 .16		

Tremors and undecipherable disturbances were recorded : March 4th (1)
7th (1) 10th (1) 15th (2) and 23rd (1).

PERTH, WESTERN AUSTRALIA

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APRIL-JUNE, 1952.



Inst	No.	Date	Phase	Time G. M. T.	Amp.	Remarks
27	26	April 8		h. m. s.		
			i	10 14 10	.20	
			i	- 17 5	.20	
			Fca	11 3		
	27	April 14	e	7 29 13	.17	
			m	- 32 8	.39	
	28	April 14 (15th)	i	23 58 40	.26	
			i	0 2 50	.36	
			i	- 5 35	.20	
			Fca	1 2		
	29	April 19	PR2	11 21 40	.16	Bismark Sea
			s	- 26 8	.32	
			SR1	- 29 0	.35	
			L	- 32 58	.30	
			M	- 38 10	1.05	
			M	- 39 32	1.25	
			Fca	12 54		

Tremors and undecipherable disturbances were recorded on:-
 April 2nd (1), 3rd (1), 4th (1), 10th (1), 15th (1), 18th (1)
 19th (1), 20th (1), and 27th (1).

MAY

	30	May 4	S	14 33 48	.25	Tonga Islands Region
			i	- 37 40	.27	
			i	- 39 35	.27	
			L	- 44 15	.40	
			Max's	- 46 22		
			to	- 49 0	1.25	
	31	May 8	e	22 17 40	.15	Molucca Passage (Deep seated)
			18	- 23 12	.55	
			i	- 25 30	.40	
			i	- 26 20	.60	
			i	- 27 33	.50	
	32	May 9	e	17 55 55	.13	Solomon Islands
			PR2	- 20 2	.36	
			s	18 2 35	.55	
			SR1	- 5 0	.30	
			SR2	- 5 58	1.10	
			L	- 8 35	.60	

Inst.	No.	Date	Phase	Time G.M.T.	Amp.	Remarks
27	32	May 9	M	H. N. 8 - 14 25	1.10	
			M	- 15 20	1.10	
	33	May 17	1	6 11 15	.30	
			e	- 14 16	.17	
			1	- 17 58	.21	
	34	May 24	eP	16 13 8	.10	Off West coast of Sumatra.
			ePR1	- - 55	.10	
			1S	- 18 52	.25	
			SR1	- 21 0	.41	
			M	- 27 30	1.00	
			M	- 28 3	1.00	
			Sea	19 16		
	35	May 31	1	5 0 55	.20	
			1	- 2 36	.20	
			1	- 5 7	.17	
			1	- 6 45	.20	
			1	- 10 55	.25	
			Maxs to	- 12 3 - 16 30	1.10	

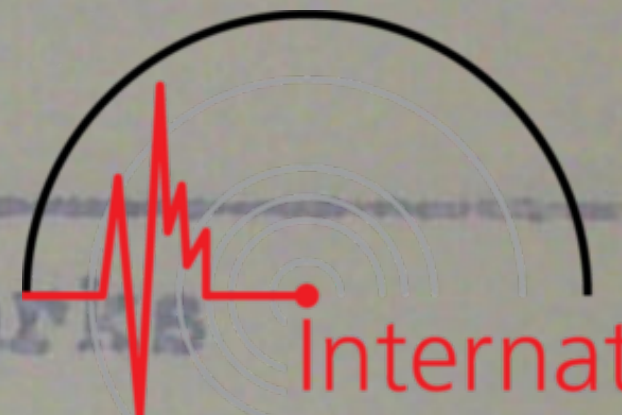
Tremors and undecipherable disturbances were recorded on:-
May 16th (2) and 19th (1).

JUNE

	36	June 2	1	16 13 33	.20	
			1	- 21 55	.18	
			M	- 25 10	.40	
			M	- 25 47	.35	
	37	June 10	P	10 8 18	.12	Fiji Islands.
			PR2	- 11 30	.20	
			PS	- 17 0	.22	
			1	- 22 42	.20	
			1	- 23 58	.30	
			M	- 28 35	.75	
			M	- 28 58	.85	
	38	June 17	1	12 14 30	.30	
			1	- 15 6	.35	
			1	- 19 40	.50	
			1	- 21 41	.50	
	39	June 19	1	12 23 58	.15	
			1	- 25 5	.17	
			1	- 28 35	.15	



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St.	No.	Date	Phase	Time	Amp.	Remarks
				G.M.T.		
				h. m. s		
27	39	June 19	1	- 30 35	.15	
			1	- 30 50	.21	
			1	- 35 38	.26	
			1	- 42 13	.61	
			M	- 45 30	.50	
			M	- - 52	.60	
	40	June 22	1	22 5 0	.50	
			1	- 10 2	.16	
			1	- 18 10	.30	

Tremors and undecipherable disturbances were recorded on June 11th (1), 19th (1), 20th (1), and 22nd (1).

PERTH, WESTERN AUSTRALIA

SEISMOLOGIC STATION

PERTH OBSERVATORY

JULY - SEPTEMBER, 1952



Inst.	No.	Date	Phase	Time G.M.T.	Amp.	Remarks
				h. m. s.	cms.	
27		July 13	Quake - Phases obliterated through jamming of carriage			
	41	July 17	PR1	16.23. 3	.12	Southern Honshu - Japan
			i	-.24.52	.12	
			s	-.29.49	.35	
			i	-.36.40	.15	
			i	-.44.45	.23	
	42	July 21	i	12.15.10	.23	Southern California
			i	-.18. 5	.23	
			i	-.30.35	.22	
			i	-.32.38	.20	
			Maxs to	-.53.35 13. 5. 0	.46	
	43	July 25	i	14.30. 4	.15	
			i	-.32. 4	.11	
			Maxs	-.35.18		
			to	-.37.50	.37	
	44	July 27	i	8.40.15	.60	Fiji Islands
			i	-.41.28	.30	
			i	-.45.10	.26	
			M	-.57.20	.70	
Tremors and undecipherable disturbances were recorded on July 14th (1) and 18th (1)						
	45	Aug. 16	i	14. 6.30	.20	
			i	-. 9.48	.21	
			i	-.14.23	.25	
			M	-.21.25	.55	
			M	-.24. 5	.60	
	46	Aug. 17	P	16.13. 8	.31	Eastern Tibet
			PR1	-.15.38	.23	
			i	-.18.25	.30	
			S	-.21.52	.42	
			PS	-.22.17	.60	
			i	-.30. 0	.85	
			i	-.33.27	.60	
			L	-. 40	1.00	
			M	-.41.20	1.60	
			M	-. 43	1.35	
Tremors and undecipherable disturbances were recorded on August 5th (1), 11th (1), 14th (2), 19th (1) and 28th (2).						
	47	Sept. 9	i	13. 7.25	.20	
			i	-.10.45	.39	
			i	-.12.45	.25	
			i	-.14.20	.50	

Inst.	No.	Date	Phase	Time G.M.T.	Amp.	Remarks
	48	Sept. 11	i	h. m. s. 22.49.4	.15	
			ii	- .59.12	.33	
			iii	- .59.50	.23	
	49	Sept. 20	i	13.11.18	.30	
			i	- .12.35	.65	
A tremor was recorded on September 21st.						



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H.S. Spigl
GOVERNMENT ASTRONOMER

PERTH, WESTERN AUSTRALIA.

Seismologic Station, Perth Observatory

OCTOBER - DECEMBER 1952



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st.	No.	Date	Phase	Time G.M.T.			Amp.	Distance	Remarks
				h.	m.	s.	cm.	mls.	
27	50	Sept 30	i	13	10	40	.26		China
			i	-	14	45	.22		
			i	-	19	24	.16		
			Maxs	-	24	30			
			to	-	27	30	.40		
	51	Oct. 1	i	OCTOBER			.57		Deep Scated
			i	9	2	0	.50		
			Maxs	-	3	13			
			to	-	4	5	.70		
	52	" 10	e	16	22	35	.17		
			e	-	27	30	.15		
			Maxs	-	30	15			
			to	-	34	20	.32		
	53	" 11	P	0	21	42	.15		New Britain
			S	-	27	40	.30		
			SR ₂	-	31	2	.25		
			i	-	32	40	.37		
			M	-	35	50	1.35		
			M	-	39	5	1.40		
			M	-	39	42	1.35		
	54	" 18	P	5	31	45	.16		New Hebrides
			S	-	38	40	.26		
			i	-	40	5	.25		
			SR ₂	-	43	9	.37		
			i	-	46	10	.30		
			M	-	49	15	.75		
	55	" 29	eP	19	45	0	.07		
			PR ₁	-	47	25	.09		
			S	-	53	13	.11		
			i	-	54	33	.20		
			eSR ₂	-	59	45	.08		
			Maxs	20	8	15			
			to	-	10	25	.20		

Tremors and undecipherable disturbances were recorded on October 3rd (2), 10th (1), and 25th (2).

			NOVEMBER.					
	56	Nov. 4	P	17	11	45	.55	North East
			PR ₁	-	15	3	.70	Coast of
			PR ₂	-	16	52	1.10	Kamchatka
			S	-	22	0	1.30	
			SR ₁	-	29	5	4.20	
			SR ₂	-	33	25	3.40	
			M	-	58	2	7.30	

-2-
NOVEMBER (Contd.)

Inst.	No.	Date	Phase	Time G.M. T.			Amp. cms.	Distance mls	Remarks
				H.	m.	s.			
	57	Nov. 6	P PR ₁ i s i i i M N	19 - - 20 - - - - -	54 56 58 0 2 3 4 9 9	52 22 58 38 38 23 13 0 42	.32 .35 .30 1.20 .95 1.00 .95 7.30 7.50		North Coast of New Guinea
	58	" 16	e s i i M Fca	7 - - 8 - 8	48 52 55 0 2 50	2 25 12 43 12	.15 .27 .40 .52 .71		New Guinea
	59	" 19	i i	6 -	13 19	47 58	.22 .21		
	60	" 28	s i i i i i M	21 - - - - - -	16 18 19 20 21 24 26	8 30 5 2 58 3 55	.25 .25 .25 .23 .30 .32 .42		Solomon Islands
	61	" 29	e i s i e	8 - - - -	41 46 47 48 53	30 25 3 25 18	.11 .17 .17 .20 .19		

Tremors and undecipherable disturbances were recorded on November 1st (2), 7th (1), 8th (1), 10th (1), 13th (1), 14th (1), 15th (1), 20th (1), and 30th (1)

				DECEMBER.					
	62	Dec. 6	P PR ₁ PR ₂ i i i s i BR ₁ BR ₂ Fca	10 - - - - - - - - 11 14	49 51 52 53 54 55 56 59 59 0 15	54 20 8 3 20 20 35 40 42 57	.22 .23 .33 .70 .62 1.00 1.50 .70 2.25 .80		Solomon Islands

Inst.	No.	Date	Phase	Time G.M.T.			Amp. Cms.	Distance mils.	Remarks
				H.	m.	s.			
	63	Dec. 6	e S SR ₁ i L Maxs to	21 - - - - -	1 5 8 11 12 15 16	32 30 40 15 37 17 42	.08 .20 .20 .28 .28 .50		Solomon Island (after shock)
	64	" 9	e e i i M M	9 - - - - -	24 31 37 40 42 43	30 52 32 35 48 6	.13 .15 .17 .25 .20 .23		
	65	" 12	i i M	17 - -	35 37 42	4 33 10	.23 .20 .26		
	66	" 21	i i i i M Fca	6 - - - - 6	2 3 3 6 10 46	30 22 43 28 13	.35 .30 .32 .40 .80		
	67	" 24	i i i i i	8 - - - -	47 48 50 52 57	45 10 45 35 55	.21 .28 .51 .35 .45		
	68	" 24	i i i i i M M M	18 - - - - 19 - -	24 54 55 57 0 5 6	53 20 43 18 23 33 5	.20 .22 .28 .47 .62 .90 .90		
	69	" 24	i i i Maxs to	21 - - 22 -	45 54 58 1 4	40 40 10 38 0	.16 .35 .32 .65		
	70	" 25	i i i i M	2 - - - -	46 49 49 51 54	11 6 42 3 25	.55 .20 .30 .37 .72		
	71	" 25	i i i i	3 4 - -	59 8 12 16	33 42 3 45	.20 .35 .25 .30		



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Inst.	No.	Date	Phase	Time G.M.T.			Amp.	Distance	Remarks
				h.	m.	s.	cms.	mls.	
	72	Dec. 25	i M	15	14	25	.21		
				-	22	8	.21		
	73	" 28	i	15	2	55	.17		
			i	-	5	42	.14		
			i	-	7	0	.23		
			i	-	10	38	.20		
			i	-	15	0	.35		
			i	-	15	35	.45		
			i	-	18	35	.35		
			M	-	23	45	.50		

Tremors and undecipherable disturbances were recorded on December 7th (3), 8th (2), 10th (1), 14th (1), 25th (1), 26th (1), 27th (1), 29th (1) and 30th (3).