

PERTH, WESTERN AUSTRALIA

SEISMOLOGIC STATION PERTH OBSERVATORY.

JANUARY - MARCH 1953.



JANUARY.

Inst.	No.	Date	Phase	Time GMT.			AMP.	Remarks.
				h.	m.	s.		
27	1	Jan. 3.	P i S SRI L M Fca	18 - - - - - 19	0 3 4 5 6 9 0	45 13 45 23 45 50 0	.18 .16 .14 .21 .22 1.35	
	2	" 5	i i i i i i	8 - - - - -	9 11 14 16 19 34	28 7 49 25 45 20	.18 .17 .20 .38 .30 .40	Komandorskie Is.
	3	" 5	i i i i i i	10 - - - - -	19 29 30 30 33 47	25 45 10 30 55 16	.22 .28 .32 .45 .23 .20	Kurile Is.
	4	" 7	PR2 i S SRI L M	14 - - - - -	18 22 23 25 28 33	28 48 8 50 55 5	.15 .35 .42 1.25 .65 1.10	New Britain
	5	" 20	i e Maxs to	2 - 3 -	52 59 6 8	58 15 5 27	.30 .15 .28	
	6	" 20	PR2 S SR2 M	17 - - -	41 45 47 41	53 30 43 40	.23 .50 .30 .70	Molucca Passage
	7	" 27	i i i	3 - -	39 43 45	50 10 20	.25 .40 .33	
	8	" 30	eP S i L M	21 22 - - -	56 3 7 11 17	2 0 16 0 12	.10 .26 .15 .20 .40	Santa Cruz Is.

Tremors or undecipherable disturbances were recorded on 1st, 4th, 10th, 11th, 16th, 19th and 28th

St.	No.	Date	Phase	Time GMT.			Amp.	Remarks.
				h.	m.	s.		
	9	Feb. 10	e e M	14	7	25	.15 .20 .40	Loyalty Is.
	10	" 12	i i i i Maxs to	8	39	5	.23 .19 .18 .25 .22	Northern Iran
	11	" 26	PR1 PR2 S PS SR1 SR2 i i L M M	11	51	24	.25 .15 .30 .32 .35 .52 .65 .45 .65 9.10 8.50	Santa Cruz Is.
	12	Feb. 27	e i Maxs to	5	59	16	.20 .15 .21	
Tremors or undecipherable disturbances were recorded on Feb. 6th, 13th, 15th and 19th.								
	13	Mar. 3	er PR1 i i i i SR1 SR2 M	11	36	12	.15 .20 .16 .25 .26 .21 .21 .35 2.40	Loyalty Is.
	14	" 9	er PR1 i S SR1 SR2 L M	10	12	15	.11 .19 .40 .50 .55 .35 .50 .70	New Britain Region
	15	Mar. 14	S SR2 L M M	17	14	5	.19 .22 .25 .25 .20	S.S. Mindanao
	16	" 19	i i i i i i i i i M	8	47	44	.18 .30 .36 .35 .65 .55 .31 .30 .50 .56 .27 .45	West Indies

Tremors and undecipherable disturbances were recorded on March
2nd, 10th, 16th, 19th, 23rd and 26th.



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PERTH, WESTERN AUSTRALIA

Seismologic Station

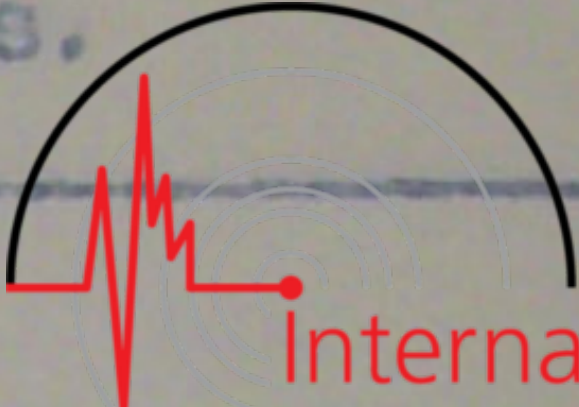
Perth, Western Australia 1953

April - June 1953.



Inst.	No.	Date	Phase	Time		Amp.	Remarks.
				G.M.T.			
				h.m.	s.		
APRIL, 1953.							
27	17	April 1	P	7	45 9	.20	
			PR1		45 44	.20	
			S		49 39	.36	
			MAXS		54 20	.42	
	18	" 2	P	4	4 37	.23	New Britain
			i		6 20	.20	
			S		10 20	.60	
			i		10 54	.50	
			i		13 33	.85	
			i		15 5	.45	
			i		16 14	.45	
	19	" 6	e	0	42 20	.15	Banda Sea
			P		42 50	.20	
			PR1		43 43	.30	
			PR2		44 00	.33	
			i		47 9	.55	
			i		47 42	.90	
			S		48 0	1.50	
			i		52 0	1.80	
			i		54 0	3.90	
			M		56 0	3.95	
	20	" 6	i	4	5 15	.33	
			i		7 50	.22	
	21	" 17	S	11	25 0	.20	New Britain
			i		28 25	.40	
			L		31 45	.20	
			MAXS		33 0	.40	
			To		36 0		
	22	" 18	P	3	14 30	.28	
			PR1		14 45	.20	
			PR2		14 55	.18	
			i		15 55	.20	
			i		16 45	.22	
			S		17 28	.68	
			ST1		18 10	.70	
			L		18 41	.95	
			M		18 45	1.30	
	23	" 21	i	17	45 31	.20	
			i		47 55	.30	

Inst.	No.	Date	Phase	Time			Amp.	Remarks.
				G.M.T.				
				h.m.	s.			
27	24	April 23	iP	16	32	55	.20	New Britain Region
			PR1		34	25	.45	
			PR2		35	14	.70	
			S		39	24	.90	
			SR2		42	44	1.10	
			M		55	0	8.50	
			M	17	3	0	8.50	
			Fca	20	36	25		



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25	"	29	e	3	46 45	.15	Solomon Islands
			e		49 41	.13	
			e		53 59	.20	
			M		56 30	.70	

26	"	30	PR2	6	38 15	.20	Loyalty Islands
			S		42 40	.30	
			i		43 40	.35	
			SR2		46 48	.50	
			L		49 40	.60	
			M		53 45	1.00	
			M		55 25	1.00	

Tremors or undecipherable disturbances were recorded on 8th, 16th, 22nd and 26th April.

MAY, 1953

27	May 6	PR1	17	36 5	.21	Central Chile
		i		42 18	.30	
		i		43 0	.18	
		PS		45 28	.31	
		SR1		51 50	.20	
		i		56 55	.20	
		L	18	9 55	.20	
		MAXS		21 55	.50	
		To		24 30		

28	" 11	P	10	25 50	.20	Loyalty Islands
		i		34 5	.25	
		SR1		35 30	.30	
		SR2		36 40	.32	
		i		38 30	.25	
		MAXS		42 55	1.00	
		To		50 0		

29	" 18	i	8	27 25	.25	
		i		29 22	.50	
		M		33 30	.70	

30	May 31	P	5	5 20	.25	Flores Sea
		PR1		5 43	.30	
		PR2		5 58	.35	
		S		9 27	.45	
		i		9 51	.33	
		SR1		10 30	.50	
		L		11 25	.62	
		M		17 30	2.30	
		M		21 0	2.25	

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

Tremors or undecipherable disturbances were recorded on May 13th, 20th, (2) and 27th.



JUNE, 1953.

27	31	June 18	e	10	19	45	.22	
			i		22	55	.30	
			i		27	0	.35	
			MAXS		29	15	.60	
			To		32	45		
	32	" 25	i	6	8	25	.30	
			i		8	50	.20	
			i		10	5	.32	
			i		13	0	.45	
			i		13	34	.40	
			i		15	25	.70	
			M		17	0	.95	
	33	" 25	i	10	49	15	.30	Off East Coast of Flores Island.
			P		50	25	.35	
			i		51	25	2.20	
			S		54	35	1.30	
			SR1		55	35	3.50	
			M	11	0	0	7.00	
			M		4	0	8.40	
			Fca	13	26	40		
	34	" 26	iP	5	48	20	.70	Flores Island Region
			PR1		48	45	.80	
			PR2		49	0	.75	
			iS		52	35	.68	
			SR1		53	20	1.90	
			L		54	45	2.00	
			M		57	20	4.90	
			M	6	4	0	4.85	

Tremors or undecipherable disturbances were recorded on June 10th, 22nd and 26th.

PERTH, WESTERN AUSTRALIA.

Seismologic Station - Perth Observatory.

July-September, 1953.

Inst.	No.	Date	Phase	Time			Amp.	Remarks
				G.M.T.				
				h.	m.	s.		
J U L Y, 1953.								
27	35	July 2nd.	i	7	6	35	.12	New Hebrides
			i	-	7	10	.14	
			i	-	8	37	.33	
			is	-	12	22	1.65	
			i	-	15	53	.85	
			i	-	17	18	2.60	
			M	-	21	5	8.30	
			M	-	21	42	8.00	
	36	" 6th	PR2	22	4	50	.15	South East New Guinea
			S	-	8	55	.08	
			SR1	-	11	16	.09	
			SR2	-	11	55	.13	
			L	-	14	8	.13	
			M	-	17	12	.80	
			M	-	17	40	.70	
	37	" 7th	i	4	19	52	.25	
			i	-	22	45	.30	
	38	" 10th	i	15	19	25	.45	
			i	-	20	18	.30	
			i	-	22	20	.35	
			i	-	25	15	.20	
			M	-	28	12	.45	
	39	" 12th	P	6	50	30	.20	Off North coast of <i>New Guinea</i>
			PR1	-	51	50	.30	
			PR2	-	52	20	.15	
			S	-	56	12	.21	
			SR1	-	58	20	.23	
			L	7	1	18	.40	
			M	-	5	58	1.90	
			M	-	7	8	2.40	
	40	" 20th	i	8	26	3	.15	<i>Tonga</i> Islands region
			S	-	26	48	.25	
			i	-	27	5	.17	
			SR1	-	30	45	.16	
			SR2	-	32	45	.20	
			L	-	36	40	.15	
			M	-	42	20	.20	
			M	-	41	55	.25	

A tremor was recorded on July 1st.

<u>A U G U S T, 1953.</u>								
41	Aug. 12th	c	16	21	0	.07		
		i	-	27	18	.10		
		i	-	27	48	.20		
		M	-	29	35	.30		
42	" 13th	i	9	39	10	.70		Loyalty Islands
		SR1	-	41	50	.70		
		SR2	-	43	3	.30		
		i	-	45	45	.30		
		M	-	48	30	.70		
		M	-	51	5	.85		

st.	No.	Date	Phase	Time G.M.T.			Amp.	Remarks
				h.	m.	s.		
		AUGUST, 1953 (Continued)						
	43	Aug. 17th	i	3	20	20	.10	Java Sea
			i	-	20	45	.10	
			S	-	24	30	.30	
			i	-	25	20	.30	
			i	-	28	10	.20	
	44	" 22nd	e	0	28	15	.05	N.E. Coast of New Guinea
			S	-	34	27	.15	
			i	-	39	55	.20	
			M	-	44	22	.50	
	45	" 25th	i	2	18	50	.10	Loyalty Islands
			i	-	22	5	.25	
			M	-	29	12	.50	



Tremors and undecipherable disturbances were recorded on the 11th, 12th, 15th, 27th and 29th.

			S E P T E M B E R, 1953.					
	46	Sept. 4th	i	7	46	30	.10	Kurile Islands
			i	-	47	6	.12	
			i	-	47	20	.30	
			i	-	52	5	.10	
			i	-	55	8	.15	
			i	8	5	25	.12	
			M	-	9	35	.15	
			M	-	11	35	.15	
	47	" 14th	i	0	46	25	.20	Fiji Islands.
			i	-	46	58		
			e	-	49	27	.15	
			M	-	56	50	1.70	
			M	-	58	10	.95	
	48	" 29th	i	1	45	22	.10	Off the N.E. coast of New Zealand.
			iP	-	46	25	.30	
			i	-	46	55	.35	
			PR1	-	48	15	.25	
			PR2	-	48	50	.50	
			i	-	51	34	.40	
			iS	-	53	55	.40	
			i	-	54	2	1.50	
			SR1	-	56	45	.50	
			SR2	-	57	38	.60	
			L	2	0	27	.50	
	49		M	2	3	35	1.00	
			Fca	4	3			

Tremors and undecipherable disturbances were recorded on the 1st, 2nd, 14th (3), 15th 16th, 17th, 23rd, and 26th September.

PERTH, WESTERN AUSTRALIA

SEISMOLOGICAL STATION - PERTH OBSERVATORY.

OCTOBER - DECEMBER 1953

OCTOBER



Inst.	No.	Date	Phase	Time			Amp. cms.	Remarks.
				h.	m.	s.		
27	49	Oct. 4	i	14	57	5	.13	
			i	-	59	55	.20	
			Maxs	15	1	57		
			to	-	4	5	.40	
	50	" 5	Quake - obscured through overlapping.					
51	"	6	i	21	47	0	.17	New Britain Region
			i	-	-	50	.21	
			i	-	48	50	.12	
			i	-	49	33	.26	
			i	-	51	15	.28	
			i	-	56	45	.37	
			i	-	59	8	.26	
			M	22	3	30	1.12	
			M	-	3	31	1.00	
			M	-	5	4	1.15	
			M	-	6	25	.87	
52	"	6	e	23	10	55	.21	Loyalty Is. Region
			i	-	18	55	.25	
			M	-	21	13	.55	
53	"	21	P	3	48	30	.20	
			S	-	51	20	.25	
			i	-	52	55	.30	
			M	-	55	14	.32	
			M	-	-	35	.35	
54	"	28	P	14	36	7	.20	
			PR1	-	36	23	.20	
			S	-	39	45	.16	
			L	-	41	20	.20	
			Maxs	-	43	-		
			to	-	44	20	.33	
Tremors and undecipherable disturbances were recorded on October 1st (2), 2nd (1), 4th (1), 11th (2), 13th (1) and 24th (2).								
55	Nov. 4		oP	3	58	30	.20	New Hebrides Islands
			PR1	4	0	10	.33	
			PR2	-	1	10	.40	
			i	-	5	13	.65	
			iS	-	5	35	1.10	
			i	-	6	5	.85	
			i	-	7	50	.55	
			SR1	-	9	0	.55	
			i	-	11	40	1.50	
			Maxs	-	17	0		
			to	-	28	0	6.30	
56	Nov. 4		i	12	38	50	.16	New Hebrides Islands
			S	-	44	15	.25	
			SR1	-	47	55	.24	
			SR2	-	49	5	.30	
			L	-	52	47	.45	
			M	-	56	35	.60	

In t.	No.	Date	Phase h.	Time			Amp. cms.	Remarks.
				h.	m.	s.		
	57	Nov. 7	e e i	13 - -	15 19 24	43 18 40	.18 .18 .25	
	58	Nov. 13	P PR2 S L M M	19 - - - - -	25 28 32 41 45 46	50 18 50 4 38 10	.25 .85 .30 .60 3.90 3.50	New Hebrides Islands
	59	Nov. 16	i i i M	17 - - -	41 43 44 47	30 5 30 18	.23 .23 .30 .25	
	60	Nov. 17	i. i. i	11. - -	13 15. 18	10 13 8	.35 .20 .30	
	61	Nov. 20	i i i	3 - -	24 26. 28	35 40 40	.20 .16 .30	
	62	Nov. 21	1P PR1 PR2 S i SR1 SR2 L M M	18 - - - - - - - - -	0 3 4 9 9 14 16 22 26 28	14 - 15 5 22 7 42 35 8 25	.75 .80 1.05 3.70 3.20 1.75 1.20 1.60 3.40 2.65	Near South coast of Honshu
	63	Nov. 26	i i i M	0 - - -	23 37 41 44	55 28 35 30	.20 .12 .15 .25	
	64	Nov. 26	eP iS SR1 SR2 e M	8 - - - - -	25 34 39 41 47 55	48 50 5 45 30 8	.10 .25 .20 .15 .15 .20	Off South coast of Honshu
	65	Nov. 27	i i i M	22 - - -	23 27 29 35	50 35 2 40	.08 .10 .30 .25	

Tremors and undecipherable disturbances were recorded on November 4th, 5th, 6th, 7th, 11th, 12th, 13th, 14th, 16th, 17th, 25th, 28th and 30th.

				DECEMBER				
66	Dec. 2	P PR1 S SR1 L M	4 - - - - -	32 33 38 40 43 48	15 25 2 22 35 5	.20 .18 .55 .60 1.40 5.50	Northern New Guinea	
67	Dec. 6	i i i	17 - -	35 37 38	30 5 35	.10 .10 .08		

Inst.	No.	Date	Phase	Time.			Amp. cms.	Remarks.
				h	m	s		
	68	Dec. 7	i	2	26	28	.10	Northern Chile
			i	-	28	33	.15	
			i	-	36	22	.15	
			i	3	6	10	.10	
			M	-	19	20	.20	
	69	Dec. 12	i	17	54	5	.10	N.E. coast of Peru
			i	-	57	23	.15	
			i	18	0	46	.15	
			i	-	12	28	.16	
			i	-	18	16	.35	
			i	-	31	22	.25	
			i	-	37	45	.22	
			i	-	44	30	.60	
			i	-	50	0	.50	
			M	-	59	25	1.20	
	70	Dec. 25	i	2	8	29	.16	Off East Coast of Kamchatka KAMTCHATKA
			i	-	11	30	.21	
			i	-	15	20	.21	
			i	-	16	0	.26	
			i	-	17	28	.25	
			i	-	20	39	.23	
			i	-	21	30	.16	
			M	-	46	27	.20	
			M	-	49	22	.18	
	71	Dec. 31	i	9	44	13	.15	
			i	-	45	38	.10	
			M	-	47	22	.10	

Tremors and undecipherable disturbances were recorded on December 1st, 3rd, 4th, 7th, 9th, 10th, 11th, 14th, 20th, 22nd (2), 24th and 26th.