

Seismologic Station - Perth Observatory.

Cast.	No.	Date.	Phase.	Time. G.M.T.			Amp.	Distance.
				h.	m.	s.		
				JANUARY 1949.			cms.	mls.
27	1	Jan. 21	1	15	46	0	.20	
			Max's	-	47	35	.55	
			to	-	50	20		
2	-	23	P	6	37	10	.25	
			PR1	-	37	52	.30	
			S	-	42	3	.75	
			SR1	-	43	20	.60	
			M	-	48	25	6.80	
			M	-	53	40	4.80	
3	-	27	Fca	9	42			
			P	7	32	40	.23	
			1	-	39	25	.30	
			M	-	47	25	1.10	

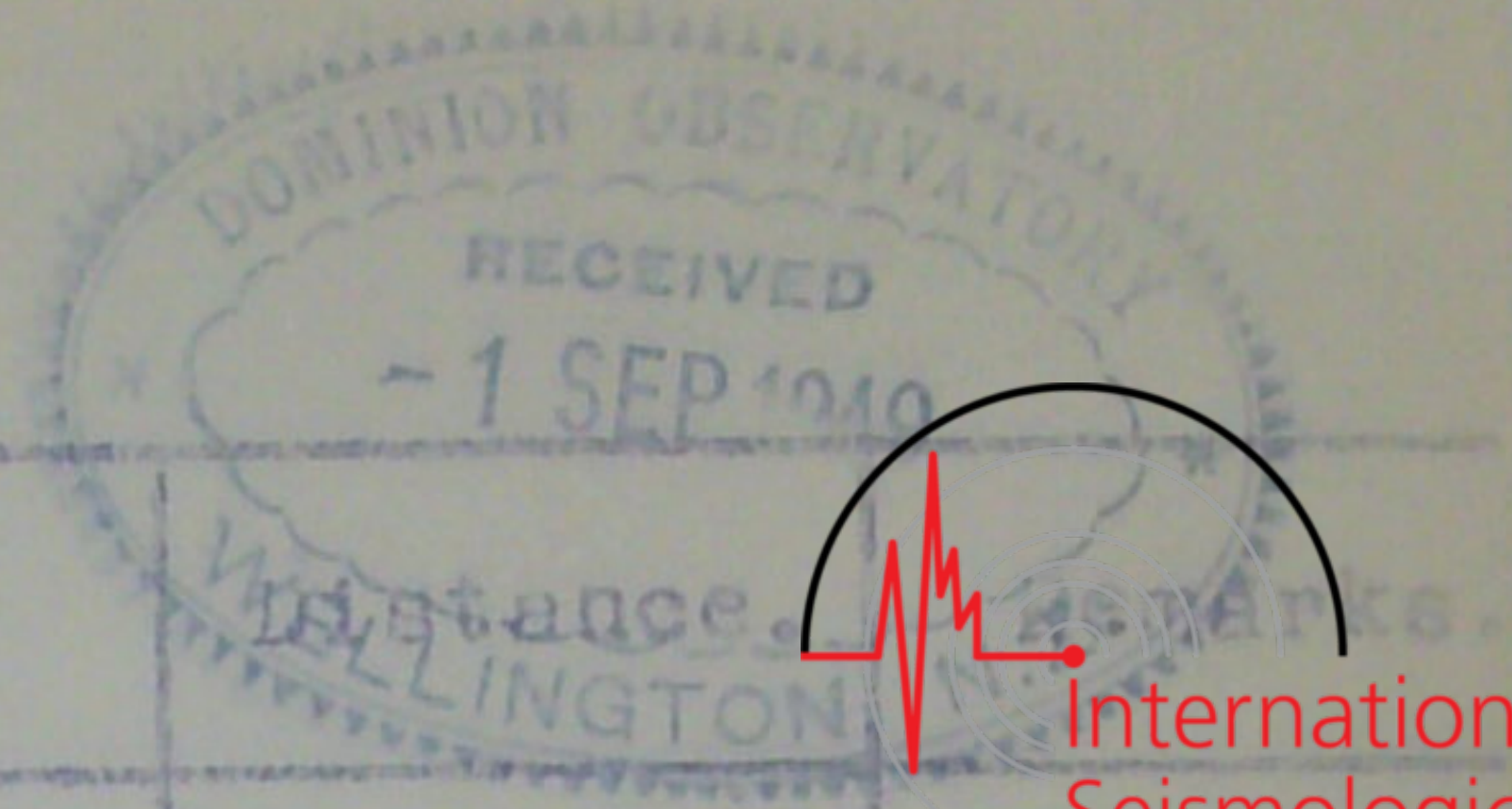
Tremors and undecipherable disturbances were recorded on
January 7th (1), 13th (1), 19th (1), 30th (1).

				FEBRUARY.				
4	Feb. 1		1	18	27	44	.18	
			1	-	28	8	.17	
			S	-	29	20	.35	
			1	-	32	8		
			M	-	38	30	2.00	
			M	-	43	0	1.80	
5	-	10	1	22	18	28	.18	
			1	-	31	2	.16	
6	-	16	1	11	57	5	.18	
			L	12	4	20	.25	
			Max's	-	7	30		
			to	-	11	35	.40	
7	-	19	1	1	12	15	.18	
			1	-	19	5	.20	
			M	-	22	3	.30	

St.	No.	Date.	Phase	Time			Amp.	Distance.		Remarks.
				h.	m.	s.		cms.	mls.	
	8	- 23	Quake - Light spot shifted making it impossible to discern phases.							
			Tremors and undecipherable disturbances were recorded on February 7th (1), 14th (2) and 28th (1)							
				MARCH.						
	9	March 4	i	1	25	20	.25			
			i	-	29	52	.31			
			i	-	31	20	.55			
			i	-	36	36	.75			
			i	-	42	0	.55			
	10	- 4	P	10	31	15	.35			
			PR1	-	35	12	.50			
			i	-	41	0	.75			
			S	-	42	35	1.30			
			Fca	12	33					
	11	- 16	eP	22	23	10	.15			
			PR2	-	25	0	.20			
			S	-	29	30	.55			
			SR1	-	32	0	.66			
			SR2	-	32	40	2.25			
			M	-	40	10	1.65			
			M	-	42	20	2.50			
	12	- 17	i	21	13	20	.15			
			i	-	19	28	.45			
			i	-	22	40	.90			
			i	-	24	55	.50			
	13	- 23	i	5	56	0	.33			
			M	-	57	38	2.00			
			M	-	58	10	1.50			



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Lat.	No.	Date.	Phase.	Time. G.M.T.	Amp.	Distance.
				h. m. s.	cms.	mls.
	14	- 27	P	6 36 6	.28	
			PR2	- 37 50	.95	
			S	- 41 45	1.30	
			SR2	- 44 40	1.55	
			M	- 50 30	1.50	
			M	- 53 35	1.50	

Tremors and undecipherable disturbances were recorded on March 7th (1), 27th (2), and 30th (2).

PERTH, WESTERN AUSTRALIA.

Seismological Station

Perth Observatory



st.	No.	Date	Phase	Time G. M. T. h. m. s.	Amp. cms.	Distance mls.
				<u>APRIL, 1949.</u>		
7	15	April 2	i Max's to	16 19 0 - 22 28 - 26 50	.26 .70	
	16	" 7	P S L Max's to	7 19 10 - 22 55 - 24 15 - 25 20 - 30 0	.20 .20 .25 .50	
	17	" 13	P i S L Max's to	1 10 44 - 11 20 - 14 13 - 15 33 - 16 10 - 20 22	.12 .20 .17 .27 .35	
	18	" 14	i i i i i i L Max's to Fca	2 48 15 - 50 20 - 54 42 - 58 28 3 4 43 - 9 13 - 22 0 - 32 42 - 36 20 5 7	.25 .28 .30 .32 .25 .25 .25 .50	
	19	" 15	i i i	14 12 5 - 18 2 - 19 32	.17 .20 .20	
	20	" 23	P S SRL M M M Fca	11 20 52 - 25 2 - 25 25 - 27 35 11 31 40 11 35 38 12 57	.25 .75 1.20 1.15 1.50 1.55	
	21	" 25	i i Max's to	14 16 5 - 30 40 15 2 50 - 7 0	.25 .23 .31	
	22	" 25	i i i Max's to	19 43 52 - 45 8 - 46 10 - 48 9 - 53 15	.20 .20 .20 .75	
	23	" 26	i Max's to	10 27 55 - 36 20 - 39 0	.17 .27	
	24	" 30	P PR1 PR2 i S	1 30 55 - 31 5 - 31 32 - 33 20 - 36 45	1.50 .90 1.30 .75 2.80	

Inst.	No.	Date	Phase	Time			Amp. cms	Distance miles.	Remarks
				G.	M.	T.			
				h.	m.	s.			
			SR1	-	38	52	1.60		
			SR2	-	39	28	1.25		
			M	-	42	10	4.20		
			M	-	43	25	4.30		

Tremors and undecipherable disturbances were recorded on April 1st (1), 6th (1), 8th (1) and 11th (1).

MAY, 1949.									
25	May 9	P	13	44	15	.20			
		PR1	-	45	45	.20			
		S	-	50	28	.29			
		SR2	13	53	50	.30			
		Max's	-	59	30				
		to	14	7	40	.41			
26	" 16	ep	4	37	24	.21			
		PR1	-	37	45	.40			
		1	-	38	30	.20			
		S	-	41	20	.92			
		M	-	47	5	1.20			
27	" 19	1	3	14	5	.20			
		1	-	15	55	.26			
		1	-	21	12	.40			

A tremor was recorded on 24th May

JUNE, 1949.									
28	June 1	1	7	33	50	.10			
		1	-	35	55	.25			
		Max's	-	37	45				
		to	-	39	35	.25			
29	" 23	1	22	42	45	.40			
		1	-	46	55	.35			
		M	-	52	20	.55			
30	" 24	Quake at about 23 hours - Phases cannot be seen due to heavy microseisms.							
31	" 26	1	8	48	31	.27			
		1	-	53	13	.37			
		M	-	55	12	.60			
		M	-	58	10	.60			

Tremors and undecipherable disturbances were recorded on June 14th (1), 19th (1) and 27th (1).

PERTH OBSERVATORY, WESTERN AUSTRALIA

SEISMIC RECORDS.

YEAR 1949.

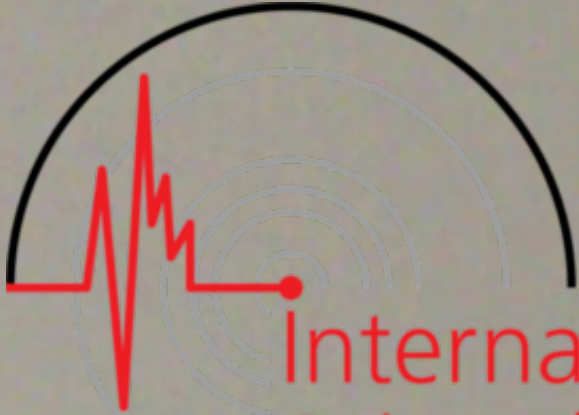


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Inst.	No.	Date	Phase	Time G.M.T.		Period	Amp.	Distance	Remarks
7				h.	m.	s.	cms.	mls.	
JULY 1949.									
Power not available until the 18th July.									
	32	July 20	1 1 max to	22	25	40 44 00 00	.13 .21 .72		
	33	July 23	PR PR S SR1 SR2 max to	10	34	05 06 25 30 55 20	.21 .38 .42 .50 1.00		
	34	July 27	1 1 1 max to	11	12	10 15 25 35 05	.21 .51 .39 .61		
	35	July 27	S PS 1 1 max to	15	29	32 56 28 40 24 00	.35 .30 .50 .20 .50		
27	36	Aug. 6	1 1 1 1 1 1 1 1	AUGUST 1949.		0 49 54 55 1 01 03 06 10	13 40 36 32 45 36 29 00	.25 .28 .61 .48 .48 .40 .56 .71	Central (Ecuador)
	37	Aug 13	1 1 S SR1 L max to	18	34	26 28 24 16 48 49 20	.15 .20 .40 .50 .75 2.25 2.15		Admiralty Is- (lands.
Tremors and undecipherable disturbances 12th, 17th, 23rd 25th, 30th									
	38	Sept 12	1 max to	SEPTEMBER 1949.		9 43 49	52 20 10	.40 .60	

Earthquake record of 22nd August sent to Dominion
Astronomer, Ottawa. Data will be included in a later bulletin.

No.	Date	Phase	Time			Period	Amp.	Distance	Remarks
			G.M.T.						
			h	m.	s.	S.			
39	Sept 14	P	19	57	12		.35		
		PR1		58	20		.40		
		S	20	02	36		.60		
		SR1		04	00		1.10		
		maxs		09	30		2.00		
		to		18	00		2.00		
40	Sept 25	1	15	29	45		.48		Earthquake on 24th but main phases lost ow- ing to lighting failure.
		1		32	04		.26		
		1		39	44		.70		
		1		42	48		.30		
Tremors and undecipherable disturbances recorded on 9th (1) 16th (2), 20th (1), 25th (1), 26th (1), 27th (1).									



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GOVERNMENT ASTRONOMER.

SEISMOLOGIC STATION - PERTH OBSERVATORY.

1949.

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Inst.	No.	Date.	Phase.	Time G.M.T. h.m.s.	Amp. cms.	Dis- tance.	Remarks
27.	41.	Sept. 30	i i Maxs to	09-01-24 07-08 12-23 14-10	.20 .25 .48		
		Tremors (3) on Sept. 30.					
	42.	Oct. 5.	1 1 Maxs	19-25-04 27-00 30-34	.41 .20 .35		
	43.	7.	eP 1 1S 1 SR2 L Maxs to	12-10-45 12-25 18-08 21-00 23-30 27-34 29-50 34-00	.20 .20 .55 .50 .30 .51 .55		Indian Ocean 1000 miles S.E. of Madagascar.
	44.	19.	1P 1 PR1 PR2 1 1 S SR1 L Maxs to	21-08-38 09-28 10-14 10-58 14-12 15-16 15-42 18-24 22-46 25-00 28-00	.25 .40 .28 .25 .40 1.00 1.90 1.50 2.00 4.50 3.65		
	45.	20.	P PR2 S 1 Maxs to	12-53-10 55-36 59-48 13-02-44 07-00 09-16	.22 .48 .50 .35 1.90		
	46.	21.	1 1 1 1 1 Maxs to	21-48-52 52-30 53-40 55-56 58-00 59-15 22-06-14	.25 .40 .30 .32 .30 .55		
	47.	26.	eP PR2 S L Maxs to	09-27-00 28-12 31-50 35-05 37-00 40-00	.21 .20 .22 .25 .45		

Inst.	No.	Date.	Phase.	Time G.M.T.	Amp.	Dis- tances.	Remarks
				h.m.s.	cms.		
27.	48.	Oct. 31	i i i i Maxs to	00-21-18 22-12 28-14 32-00 35-14 39-44	.15 .15 .20 .30 .45		
	49.	31	eP PR ₂ S SR ₁ Maxs to	19-03-00 05-48 10-25 13-36 17-00 23-48	.22 .30 .40 .60 .90		

Tremors and undecipherable disturbances were recorded on
Oct 13th (1) 18th (1) 22nd (2) 23rd (1) 29th (1)

	50.	Nov. 2.	i S SR ₁ SR ₂ Max	02-40-06 44-48 46-43 47-52 53-40	.32 .30 .35 .45 1.30		
	51.	7.	eP S SR ₁ L Max	06-08-52 16-10 19-28 23-44 27-20	.30 .40 .50 .75 2.70		
	52.	22.	P PR ₁ i S PS SR ₁ SR ₂ L Maxs to	01-02-14 04-00 08-46 09-56 10-20 14-00 16-11 20-16 23-00 29-00	.30 .35 .50 .65 1.35 .65 .60 .90 1.05		
	53.	27.	P PR ₂ S i L Maxs to	08-53-10 57-00 09-01-42 03-00 13-00 15-56 19-12	.25 .40 .40 .36 .30 .70		

Tremors and undecipherable disturbances were recorded on
Nov. 1st (1) 3rd (1) and 28th (1)

Inst.	No.	Date.	Phase.	Time G.M.T. h.m.s.	Amp. cms.	Dis- tance.	Remarks.
				December.			
27.	54.	Dec.17	e	07- 9-17	.20		
			PR ₁	11-35	.37		
			PR ₂	13-48	.41		
			i ₂	17-30	.60		
			S	18-40	.55		
			PPS	20-12	.70		
			SR ₁	24-40	.70		
			SR ₂	29-00	.70		
			L	31-22	.62		
			Maxs to	45-00			
				51-40	4.01		
	55.	17	i	15-22-52	.30		
			i	25-02	.21		
			i	31-53	.55		
			i	33-40	.70		
			i	39-00	1.60		
			i	50-01	.50		
			i	55-25	2.00		
			Maxs to	56-35			
				16-8-10	2.50		
	56.	25	P	06-35-34	.25		
			PR ₂	37-48	.30		
			S ₂	42-20	.42		
			PS	42-48	.35		
			i	44-08	.44		
			i	49-00	.70		
			M	53-40	1.65		
	57.	28	i	01-09-40	.15		
			i	12-44	.23		
			i	19-56	.30		
			i	25-24	.30		
			i	35-52	.30		
			Maxs to	45-00			
				47-04	.40		
	58.	29	P	03-12-56	.20		
			PR ₁	13-24	.30		
			S	19-16	.50		
			i	20-24	.90		
			SR ₂	24-00	.60		
			Maxs to	29-40			
				36-12	2.35		
	59.	29	P	17-01-20	.15		
			S	08-00	.17		
			SR ₁	11-58	.30		
			SR ₂	14-00	.25		
			L	16-44	.38		
			Maxs to	18-42			
				23-00	.45		
			Fca	18-52-00			

Tremors were recorded on Dec 2nd (1) 11th (1) 16th (1)
18th (1) and 29th (1)