

PERTH, WESTERN AUSTRALIA

SEISMOLOGIC STATION, PERTH OBSERVATORY

JANUARY, 1940.

Inst.	No.	Date 1940	Phase	Time G.M.T.			Period s.	Amp- litude cms.	Dis- tance miles	Remarks
				h.	m.	s.				
27	1	Jan. 1		12	24					
				to						
				13	7					Tremors
	2	" 2		11	31					
				to						
			13	1						Strong Tremors
	3	" 4		1	28					
				to						
				2	18					Tremors
	4	" 6		10	53					
				to						
				11	48					Tremors
	5	" 6	P	14	12	25		.20		
			i	-	13	12		.32		
			PR1	-	14	7		.42		
			PR2	-	14	45		.50		
			PR3	-	15	23		.35		
			i	-	16	53		.40		
			PcS	-	17	42		.30		
			S	-	19	13		1.85		
			i	-	19	55		.70		
			SR1	-	23	5		1.10		
			SR2	-	23	55		.90		
			SR3	-	24	42		1.15		
			L	-	25	50		1.45		
			M	-	27	45		3.50		
			M	-	28	50		2.45		
			M	-	31	10		2.25		
			M	-	32	40		3.75		
			M	-	33	22		4.55		
	6	" 10	Fca	17	4					
				4	19					
				to						
			i	4	53					
			i	4	25	0		.20		
			P	4	28	0		.17		
	7	" 17		1	24	48		.40		
			PcP	-	25	30		.50		
			PR1	-	27	0		.70		
			PR2	-	28	12		.40		
			PR3	-	28	57		.40		
			i	-	29	27		.55		
			S	-	32	50		1.10		
			i	-	33	17		.80		
			i	-	33	28		.95		
			i	-	34	50		1.10		
			SR1	-	36	58		.70		
			i	-	37	17		.70		
			SR2	-	39	8		.80		
			i	-	40	50		.80		
			L	-	41	12		1.00		
			M	-	49	35		1.10		

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Inst.	No.	Date 1940	Phase	Time G.M.T.			Period s.	Amp- litude cms	Dis- tance miles	Remarks	
				h.	m.	s.					
27	7	Jan.17	M	-	52	00		1.15			
			M	-	53	40		1.40			
			M	-	56	32		.95			
			M	-	58	20		1.40			
			M	2	1	18		1.30			
			M	-	3	15		.85			
			M	-	4	13		.90			
		8	" 17	Fca	4	49					
				23	3					Tremors	
		9	" 18		23	51					
				15	31					Tremors	
		10	" 20		15	59					
				i	15	36	10		.15		
				i	-	38	15		.15		
				i	-	40	53		.18		
				i	-	44	22		.20		
				i	-	46	32		.18		
				i	10	9	50		.12		
				i	-	13	55		.12		
				i(s)	-	19	20		.15		
				i	-	24	35		.13		
				i	-	29	15		.12		
				i	-	31	10		.13		
				Max's	10	33	35		.27		
						to					
				10	37	0					
		11	" 21	Fca	12	10					
	i			5	46	20		.15			
	i			-	48	3		.12			
	L			-	49	35		.15			
	i			-	50	30		.15			
	Max's			5	51	40		.25			
			to								
			5	53	0						
	12	" 21	Fca	6	49						
			i	23	45	32		.12			
			I	-	50	10		.10			
			i	-	56	40		.08			
			i	0	0	10		.13			
			i	-	2	5		.13			
			i	-	5	50		.10			
			i	-	8	57		.20			
			to								
			10	33		.15					
	13	" 22	Fca	0	59						
			i	1	22						
			to								
			2	8				Tremors			
	14	" 22		3	20						
			to								
			4	30				Tremors			
	15	" 22		16	46						
			to								
			17	28				Tremors			

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Inst.	No.	Date 1940	Phase	Time G.M.T.			Period s.	Amp- litude cms	Dis- tance miles	Remarks			
				h.	m.	s.							
16	Jan. 24		i	18	10	5		.16					
			i	-	10	22		.17					
			i	-	11	50		.15					
			i	-	12	42		.20					
			i	-	14	40		.17					
			Max's	18	16	0		.20					
					to								
				18	18	30							
			17	" 26		Fca	18	29					
						i	6	48	40		.16		
i	-	51				55		.15					
i	-	53				55		.16					
i	-	55				13		.20					
S	-	57				40		.25					
PS	-	57				50		.20					
i	-	59				35		.20					
i	7	0				30		.20					
i	-	2				12		.23					
i	-	3				30		.22					
L	-	6				50		.22					
Max's	7	8				0		.70					
		to											
	7	14	0										
	Fca	8	20										

PERTH, WESTERN AUSTRALIA
SEISMOLOGIC STATION, PERTH OBSERVATORY
FEBRUARY, 1940

Inst.	No.	Date 1940	Phase	Time G.M.T.			Period s.	Amp- litude cms.	Dis- tance miles	Remarks
				h.	m.	s.				
27	18	February 2		7	39					Continuous tremors
				10	28					
	19	February 5		6	46	0				Continuing for several hours
			i	7	11	32		.17		
			i	-	14	30		.17		
			i	-	14	37		.20		
			i (s)	-	16	52		.25		
	20	February 6		20	4					Faint tremors
				20	27					
	21	February 7		17	40					Tremors
				19	2					
			i	17	47	45		.30		
			Max. Movement to	18	30	0		.25		
	22	February 9		0	11					Faint tremors
				0	31					
	23	February 11		6	25					Tremors
				6	55					
	24	February 12		0	51					Tremors
				2	11					
	25	February 12	i (P)	8	31	48		.15	3,200	
			i	-	32	32		.15		
			i	-	33	26		.15		
			i	-	33	52		.13		
			i	-	37	20		.20		
			S	-	38	23		.40		
			PS	-	-	33		.27		
			i	-	39	18		.20		
			SR1	-	41	10		.20		
			SR2	-	42	13		.22		
			L	-	45	17		.27		
			Max's	8	49	30		.40		
			to	8	56	0				
			Fca	10	2					
	26	February 14		16	46					Tremors
				17	12					
	27	February 14		2	10	25		.15		
			i	-	12	20		.25		
			i	-	16	13		.20		
			i	-	18	25		.27		
			i	-	21	10		.22		
			i	-	21	50		.22		
			i	-	24	0		.22		
			i	-	27	0		.25		
			i	-	28	33		.25		
			Max's	2	31	10		.70		
			to	2	33	0				
			M	2	33	45		.50		
			Max's	2	44	2		.75		
			to	2	45	50				2nd Quake (Pre- liminary move- ments lost in 1st Quake

No.	Date 1940	Phase	Time G.M.T.			Period s.	Amp- litude cms.	Dis- tance miles	Remarks
			h.	m.	s.				
		M	2	46	40		.55		
		M	-	48	22		.45		
		Fca	5	9					
28	February 14		11	1					
				to					
			11	11				Tremors (Begin- ning and end lost)	
29	February 18	i (P)	13	16	33		.16	3,660	
		i (S)	-	24	10		.15		
		i (L)	-	32	18		.16		
		Fca	13	55				Main movement continuing to 13 ^h 40 ^m .	
30	February 20	P	2	27	8		.15	3,180	
		i	-	27	18		.18		
		i	-	28	5		.26		
		PR1	-	28	27		.27		
		PR2	-	29	24		.25		
		i	-	29	43		.30		
		i	-	30	5		.28		
		i	-	30	23		.35		
		S	-	34	0		.85		
		i	-	35	13		.60		
		i	-	35	33		.70		
		i	-	36	20		.55		
		SR1	-	37	15		.37		
		i	-	37	48		.45		
		SR2	-	38	5		.70		
		L	-	40	50		.80		
		M	-	43	18		2.30		
		M	-	-	33		2.15		
		M	-	46	0		1.90		
		M	-	46	55		3.40		
		M	-	47	10		3.15		
		M	-	47	38		1.95		
		Fca	5	15					
31	February 20	P	13	2	22		.13	1,730	
		PR1	-	2	40		.12		
		i	-	5	34		.15		
		S	-	6	5		.20		
		L	-	7	53		.20		
		Max's	13	11			.60		
		to	13	17					
		i	13	27	45		.35	Following Quake	
		i	-	29	46		.33		
		i	-	32	7		.50		
		Max's	13	32			.65		
		to	13	36					
		i	15	3	35		.18	Following Quake	
		Max's	15	6			.25		
		to	15	9					
		Fca	16	8					
32	February 20		20	49					
				to					
		i	22	50				Tremors (Asia Minor)	
		i	20	56	0		.10		
		i	-	56	35		.15		
		i	21	5	15		.15		
		Max. Movement	21	11			.22		
		to	21	27					
33	February 21		13	39					
				to					
			14	20				Tremors	
34	February 22	i	4	31	18		.35	Shiver	
		i	-	31	30		.40	? local movement	

No.	Date 1940	Phase	Time G.M.T.			Period s.	Amplitude cms.	Dis- tance miles	Remarks
			h.	m.	s.				
35	February 24	P1	12	7	23		.15	2,700	
		P2	-	-	36		.20		
		PR1	-	8	42		.17		
		PR2	-	9	18		.20		
		i	-	-	53		.25		
		S	-	13	23		.60		
		PS	-	13	38		.60		
		SR1	-	16	5		.32		
		SR2	-	16	33		.35		
		i	-	16	52		.37		
		i	-	17	45		1.00		
		L	-	19	14		.85		
		M	-	20	27		2.00		
		M	-	20	52		2.45		
		M	-	21	23		3.27		
		M	-	21	53		2.75		
M	-	24	3		6.37				
M	-	24	20		6.10				
M	-	25	5		2.75				
Fca			14	36					
36	February 26		5	23				Tremors	
				to					
			5	57					
37	February 26		16	10				Continuous slight tremors	
				to					
			18	31					
38	February 26	i	23	45	45		.13		
		i	-	58	35		.13		
		i	-	58	52		.12		
		i (L)	0	4	35		.10		
		Max's	0	5			.15		
		to	0	10					
Fca		1	20						
39	February 28		13	20				Tremors	
				to					
			13	46					

PERTH, WESTERN AUSTRALIA
SEISMOLOGIC STATION, PERTH OBSERVATORY.
MARCH, 1940

Inst.	No.	Date 1940	Phase	Time G.M.T.			Period S.	Amp. cms.	Dist- ance miles	Remarks
				h.	m.	s.				
27	40	Mar. 1	P?	11	4	10		.10		
			S	-	5	10		.12		
			L	-	5	30		.12		
			Max's	11	8	20		.25		
			to	11	-	0				
			Fca	11	19	-				
	41	2	P	23	14	45		.13	lost in micros	
			i	-	16	7		.12		
			i	-	16	35		.15		
			PR1	-	17	8		.15		
			i	-	17	27		.15		
			i	-	18	10		.13		
			i	-	19	11		.15		
			S	-	21	20		.20		
			SP	-	21	35		.37		
			i	-	24	18		.26		
			i	-	25	0		.20		
			SR1	-	25	40		.20		
			SR2	-	27	41		.32		
			SR3	-	28	12		.32		
			Max's	-	32	30		1.00		
			to	-	37	30				
			Fca	1	14	-				
	42	3							Earthquake - complete overlapping, prevented marking of phases	
	43	4	i	3	34	7		.15	Small local tremor	
	44	4	i	5	29	6		.10		
			i	-	-	28		.15	Small local tremor	
	45	5	i	7	50	40		.13	Small local tremor	
			i	-	50	55		.12		
			i	-	51	12		.15		
	46	6	P	18	30	45		.10	lost in micros	
			PcP	-	31	13		.10		
			PR1	-	32	12		.10		
			PR2	-	32	35		.10		
			PR3	-	36	37		.18		
			S	-	37	10		.22		
			PS	-	40	0		.13		
			SR1	-	44	15		.20		
			L	-	46	8		.25		
			Max's	-	51	0				
			to	-	51	0				
			Fca	20	9	-				

Inst.	No.	Date 1940	Phase	Time G.M.T.			Period	Amp. cms	Dist ance miles	Remarks
				h.	m.	s.				
	47	Mar. 7		7	42					Tremors
				8	56					
	48	13		19	6					Tremors
				20	39					
	49	13		23	31					Severe tremors
				2	27					
	50	15	i	15	3	0		.25		Earthquake obscured by strong micros.
			i	-	3	48		.25		
			i	-	4	50		.27		
			i	-	5	3		.40		
			i	-	5	28		.30		
			i	-	7	40		.20		
			i	-	8	30		.35		
			i	-	9	40		.42		
	51	18		6	3					Tremors
				6	46					
	52	19								More or less continuous tremors from 11 ^h to 17 ^h and 22 ^h to 0 ^h
	53	20								Continuous slight tremors from 10 ^h to 18 ^h
	54	21	P1	13	57	55		.10		
			P2	-	57	58		.15		
			PR1	-	58	20		.55		
			i	-	-	52		.70		
			i	14	1	5		.30		
			s	-	2	7		.65		
			i	-	2	20		1.40		
			SR1	-	2	47		1.15		
			i	-	3	18		1.05		
			L	-	4	0		.80		
			M	-	6	55		1.45		
			M	-	7	53		1.80		
			M	-	8	50		1.90		
			Fca	16	14					
	55	22		20	40					
				21	56					
			i	20	50	17		.17		
			i	-	51	10		.13		
			i	-	56	40		.25		
	56	27		12	55					Tremors
				15	54					
	57	28	P	15	56	48		.12		
			i	-	57	50		.30		
			i	-	58	5		.25		
			i	-	58	48		.20		
			i	-	59	3		.25		

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Inst. No.	Date 1940	Phase	Time G.M.T.			Period s.	Amp. cms.	Dis- tance miles	Remarks
			h.	m.	s.				
		S	16	3	32		.50		
		PS	-	3	45		.30		
		i	-	4	40		.30		
		i	-	5	15		.30		
		L	-	10	5		.35		
		Fca	18	1				No max movement	
58	March 29	P	23	26	52		.13		
		PR1	-	28	0		.20		
		i	-	29	55		.17		
		S	-	31	37		.20		
		L	-	33	42		.20		
		Max's	-	35	0		.30		
			-	39	30				
		Fca	1	10					
59	March 30	i (P)	6	25	28		.13		
		i	-	29	10		.15		
		i	-	31	50		.22		
		S1	-	32	23		.23		
		S2	-	32	47		.73		
		i	-	35	50		.45		
		i	-	37	10		.75		
		L	-	38	0		.75		
		M	-	40	0		.90		
		M	-	41	45		.65		
		M	-	44	5		.70		
								End lost in micros.	