

PERTH, WESTERN AUSTRALIA.

SEISMOLOGIC STATION, PERTH OBSERVATORY.

International
Seismological
Centre $\phi = 31^{\circ} 57' 9''.0$ S. $\lambda = 115^{\circ} 50' 21''.5$ E. Height = 182 ft.

Instruments mounted on cement piers sunk one foot in solid, dense sand resting on limestone rock which must be 50 to 100 feet or more below the surface.

TIME: Mean Greenwich, midnight to midnight.

TIME CORRECTION: Within .50 sec.

INSTRUMENTS—DETERMINED CONSTANTS.

INSTRUMENT.	SYMBOL.	REGISTRATION.	DAMPING.	PAPER SPEED.	MASS.
Milne	34	Photographic	...	8 mm per min.	
Milne-Shaw	27	Photographic	Magnetic	8 mm per min.	1 lb.

INSTRUMENTS—DETERMINED CONSTANTS.

INSTRUMENT.	T.	r.	V.	COMP.	I.	DETERMINED.
34	16			E.W.	1.0"=1.72mm	Sept. 11. 24.
27	12	20 to 1	250	N.S.	" 45 mm	May 18. 25.

From July 4th 1924⁵ to Oct 22nd 1925 No.

No.	DATE.	PHASE.	TIME.	PERIOD.	AMPLITUDE.		DISTANCE.	REMARKS.
					AE.	AN.		
78	1924 ⁵ July 4	P	h. m. s. 9.15.55	s.	μ	μ	6350 km.	Earth-quake Japan
		PR1	9.20.35					
		S	9.24.50					
		SR1	9.25.15					
		SR2	9.31.20					
		L	9.34.25					
		Fe	10.41.45					
79	" 17	P	21.19.15				3400	S-P 3400 K.M. L-P 3300 K.M.
		S	21.24.25.					
		Sr1	21.24.52					
		L	21.27.15					
		M1	21.29.20			1.07		
		2	21.30.45.	10		1.36		
		3	21.30.22			1.67		
		Fe	22.00.00					
80	Aug 6	Pca	14.43.29	to				Slight tremor
		Fe	14.54.00					
81	7	Pca	6.14.00	to				Slight continue- ous tremor
		Fe	7.44.00					
82	14	Pca	4.21.00				2000	Complete tremor Registration faulty
		S	4.24.00					
		L	4.25.00					
		Fe	4.26.00					
.....								
Aug.17th to Oct.17th			Milne-Shaw Seismograph dismantled. New piers and cellar built					
Oct.17th to Oct.22nd			All records faulty owing to drying of concrete pillars walls etc., Microcisms excessive.					

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From... Oct 22nd 1925 ... to ... Dec 31st 1925

No.



No.	DATE.	PHASE.	TIME.	PERIOD.	AMPLITUDE.		DISTANCE.	REMARKS.
					AE.	AN.		
			h. m. s.	s.	μ	μ	km.	
83	Oct 22	P S L ca M1 F ca	17. 7.52. 17.13.00. 17.30.30. 17.16.22. 18.29.00			cms 2.67		Hour break not registered Microcisms excessive.
84	" 23	P ca S ca L F ca	3.54.30. 3.59.45 - 4.44.06			2.5		Hour break not registered
85	" 30	Tremor registered Time unknown owing to light failure						
86	Nov 13	P 1 S or S L M1 2 3 Fe	12.23.05 ⁸ 12.29.10 12.29.50 ⁴² 12.36.00 12.41.50. 12.44.00. 12.48.05. 14.13.00				5100	Well registered
87	15	ca	23.58.20 to 0.13.10					Slight tremor
88	28	P ca Pr S Sr1 Sr2 Sr3 L M1 M2 M3 Fe	16.20.00 16.24.00 16.29.00 16.33.50 16.35.10 - 16.39.10 16.43.00 16.43.55 16.45.05 -			1.42 1.24 1.32	6400	
89	Dec 22	Pca Fe	5. 0. 0. to 6' 0. 0.					Tremor recorded Trace overlapped
90	27	P S L M1 2 3 F	9.35.25 9.40.45 9.42.55 9.44.00 9.44.20 9.45.00 -			.56 .75 .45	2800	Well defined quake
91		P Pr S L Fe	16.10.40 16.11.45 16.15.55 16.17.20 17.23.30				2700	
92	30	ca	7.18.30 to 8.00.00					Slight tremor.