

EARTHQUAKE REPORTS.—NEW ZEALAND.

Register from the Hector Observatory, Wellington, for September, 1923

LATITUDE: 41° 17' S LONGITUDE: 174° 46' E. HEIGHT: 401.5 ft.

INSTRUMENT: Milne Horizontal Seismograph. Magnification, 5.6. E-W component. not damped. Pendulum Period, 25 seconds.

OBSERVER: C. E. ADAMS.

Time is Greenwich Civil Mean Time—0h. or 24h. = Greenwich midnight.



Date.	Character	Phase.	Time, G.C.M.T.			Period.	AMPLITUDE.			Remarks.
			h.	m.	s.		A _E .	A _N .	A _V .	
1923. Sept. 1	u	eP	3	11	6	..	..	..	..	Japan.
		i	3	12	30	..	..	..	..	S-P = 10m. 6s. Δ = 80°.3.
		iS	3	21	12	..	..	..	..	O = 2h. 58m. 45s.
		i	3	24	48	..	..	..	..
		i	3	28	12	..	..	..	..
		? L	3	33	24	..	..	..	..
		M	3	42	0	..	18	..	..
		F	9	8	0	..	..	..	..
Sept. 2	u	eP	2	59	12	..	..	..	..	Japan.
		iS	3	9	18	..	..	..	..	S-P = 10m. 6s. Δ = 80°.3.
		eSR ₁	3	14	36	..	..	..	..	O = 2h. 46m. 51s.
		L	3	25	12	..	..	..	..
		M	3	30	0	..	2.5	..	..
		F	5	55	0	..	..	..	..
	u	eS	9	49	48	..	..	..	..	? Japan.
		eSR ₁	9	55	18	..	..	..	..
		eL	10	6	48	..	..	..	..
		M	10	10	0	..	0.5	..	..
		F	12	5	0	..	..	..	..
	u	ePR ₁	22	55	30	..	..	..	..	? Japan.
		iS	23	2	0	..	..	..	..
		eL	23	19	30	..	..	..	..
		M	23	25	0	..	0.5	..	..
Sept. 3	..	F	1	0	0	..	..	..	..
Sept. 9	u	P	..	..	..	..	..	..	..	Lost in changing paper.
		ePR ₁	22	34	0	..	..	..	..
		iS	22	40	48	..	..	..	..
		e	22	44	0	..	..	..	..
		e	22	50	30	..	..	..	..
		e	22	53	18	..	..	..	..
		iL	23	0	0	..	..	..	..
		M	23	3 to 6	..	..	1.0	..	..
Sept. 10	..	F	0	30	0	..	..	..	..
Sept. 11	..	..	..	..	..	..	..	..	..	Tremors all day.
Sept. 12	..	..	6	0 to 15	..	..	..	..	..	Well-marked tremors.
Sept. 15	u	eP	16	43	6	..	..	..	..	S-P = 7m. 48s. Δ = 56°.
		eS	16	50	54	..	..	..	..	O = 16h. 33m. 20s.
		iL	17	1	0	..	..	..	..
		M	17	4	0	..	1.8	..	..
		F	21	+	..	..	..	..	..
Sept. 16	..	..	..	..	..	..	..	..	..	Tremors during day.
Sept. 22	u	..	21	36	+	..	..	..	..	Distant shock.
Sept. 26	..	..	9	+	..	..	..	..	..	Strong tremors. ? Distant shock.
Sept. 27	7	+	Tremors.
Sept. 30	..	e	1	58	36	
		e	2	5	6	
		e	2	11	36	
		e	2	16	30	
		e	2	18	18	
		e	2	27	42	
		e	2	36	30	
		M	2	43	+	..	1.5	
		F	3	50	0	

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C. E. ADAMS,

New Zealand Government Seismologist.

EARTHQUAKE REPORTS.—NEW ZEALAND.

Register from the Hector Observatory, Wellington, for October, November, and December, 1923.



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Date.	Character	Phase.	Time. G.C.M.T.			Period.	AMPLITUDE.			Remarks.
							A _E .	A _N .	A _V .	
			h.	m.	s.	s.	mm.			
1923. Oct. 1	d	eP	22	30	12	T = 25 seconds.	
		e	22	31	0	..	..	..	Δ = 8°.
		iS	22	31	48					
		L	22	32	48					
		M	22	34	..	..	3.2		
		M	22	36	..	..	3.2		
		F	23	30						
Oct. 7	u	P	3	39	24	..	..	..	Δ = 57°.
		S	3	47	18					
		SR ₁	3	52	30					
		L	3	58	36					
		M	4	2	..	..	11.7		
		F	8	40						
Oct. 18	d	P	23	53	48	..	..	..	Felt at Hanmer.
Oct. 22	d	P	15	9	48	..	..	..	Felt at New Plymouth.
Oct. 26	d	iP	10	18	24	..	..	..	Felt at Wellington and Blenheim.
Nov. 2	r	eP	21	16	12	..	..	..	Fanning Is., P., at 21h. 16m. 30s.
		iS	21	22	6	..	..	..	Δ = 37°.
		iL	21	25	36	..	..	..	Long waves were observed on
		M	21	28	..	15	16.0		stride-level of transit instru-	
Nov. 3	..	F	1	2					ment, period 15 seconds.	
Nov. 3	..	e	5	2	42				Nov. 2, Apia reported by wireless:	
		e	5	6	6				02291, 72115, 48309, 03400.	
		e	5	9	36					
		M	5	11	..	..	0.5		
		F	5	22						
Nov. 3	r	ePR	16	41	48	..	..	..	Δ = 37°.
		eS	16	47	42					
		e	16	54	24					
		e	16	56	18					
		L	17	0	18					
		M	17	2	..	..	1.5		
		F	19	5						
Nov. 4	r	eP	0	12	18	..	..	..	Δ = 39°.
		iS	0	18	24					
		L	0	21	48					
		M	0	27	..	..	4.7		
		F	3	55						
		e	12	4	36					
		e	12	5	36					
		M	12	7	..	..	0.4		
		F	12	15						
	r	eP	20	16	48	..	..	..	Δ = 21°.
		eS	20	20	42					
		eL	20	24	18					
		M	20	26	..	..	0.7		
		F	21							

Date.	Character	Phase.	Time. G. C. M. T.			Period.	Amplitude.			Remarks.
							A _E .	A _N .	A _V .	
1923.			h.	m.	s.	s.	mm.			
Nov. 5	u	P	21	40	48	..	..	..	..	$\Delta = 70.4^\circ$
		S	21	50	0					
		SR ₁	21	55	48					
		L	22	8	0					
		M	22	10	..	..	3			
Nov. 6	..	F	0	40						
Nov. 20	d	iP	17	43	48	..	..	..	..	$\Delta = 2.5^\circ$.
		iS	17	44	18	..	..	..	..	Felt at Otira.
		M	17	45	..	..	1			
		F	17	55						
Nov. 24	d	eP	7	9	36	..	..	..	..	$\Delta = 3^\circ$.
		eS	7	10	12					
		M	7	11	..	..	0.1			
		F	7	15						
Nov. 26	d	P	6	17	0	..	..	..	..	$\Delta = 6^\circ$.
		S	6	18	12					
		L	6	19	54					
		M	6	21	..	..	0.6			
		F	6	30						
Dec. 2	d	? P	14	44	24					
		? S	14	46	42					
		L	14	48	36					
		M	14	51	..	..	1.0			
		F	15	10						
Dec. 5	u	PR ₁	22	41	18	..	..	..	..	Japan.
		SR ₁	22	54	30					
		L	23	10	12					
		M	23	11	..	..	0.6			
Dec. 6	..	F	1							
Dec. 11	r	P	5	16	0	..	..	..	..	$\Delta = 44^\circ$.
		S	5	22	36					
		SR ₁	5	25	36					
		L	5	28	36					
		M	5	30	0.4			
		M	5	34	0.4			
		F	6							
Dec. 17	d	eP	15	19	$\Delta = 2^\circ$.
		iS	15	19	24					
		M	15	20	0.6			
		F	15	28						



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