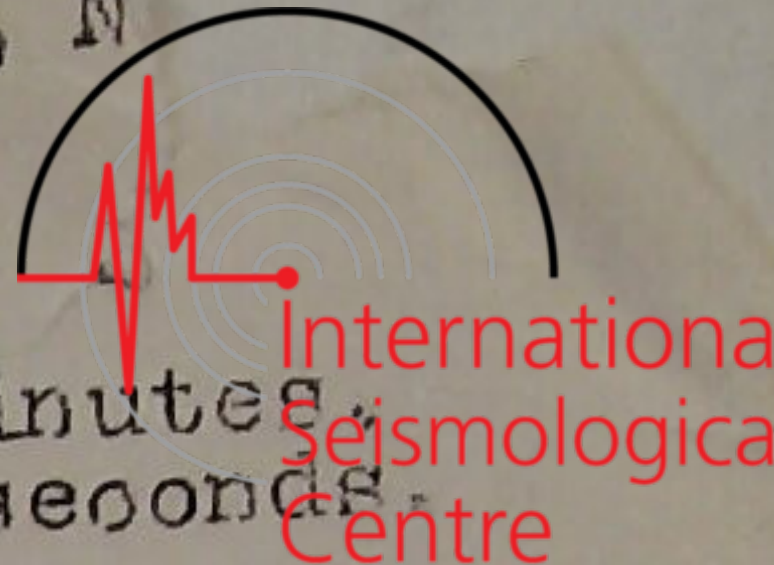


Hector Observatory,
Wellington, N.Z.

1920 December.
Earthquake Reports, New Zealand.



Notation:—See printed form No. 1, "Symbols, Notation, etc."
Time is Greenwich Civil Mean Time. It is given in hours and minutes.
Oh. or 24h. = midnight. The sign "(" = less than. (and seconds).
Register from Hector Observatory Station, Wellington.

Observer: C.E. Adams, Government Astronomer & Seismologist.

Date	Char-	Phase	G.C.M.T.	Ampli-	Date	Char-	Phase	G.C.M.T.	Ampli-
1920	acter		h. m. s.	tude	acter		h. m. s.	tude	A _E mm.
Dec. 1			14 26	1	Tremors				1
7			15 22	1	"		16		u
7			15 33	1	"		17		u
10	e		4 38 18						
	e		4 40 24						
	e		4 41 48						
	e		4 47 54						
	e		4 48 12						
	M		5 12	1					
	M		5 22 30	1					
	F		7 30		18	u			
	e		10 52						
	F		11 50						
13	eP		3 50 12						
	iS		3 56 12						
	iL		4 00 00						
	M		4 06	1	19				
	M		4 08	1					
	F		5 28						
16	u	eF	12 20 00	1					
					25				
			very faint						
	e		12 24 24	1					
	eS		30 30	1					
			31 30		26				
			33 18		31				
			39 18						
	L		49 36						
	M		13 13 36	2.5					

Noninstrumental Reports.

G.C.M.T.	Station	Dura-	Direc-	Sounds	Remarks	Observer.
h m		tion.	tion.			
2 09 20	Gore	60s.	NE to SW	No rumbling	Fairly strong.	EH. Davis.
2 09 15	Dunedin	30s.	Uncertain		Very slight	J. Alexander.
7 05 48 ³ p.m.	Apia	10s.	NW to SE	Rumbling be-	Not severe.	D. Gray.
				fore & during windows	rattled,	
29 14 08 ³ p.m.	Apia	15s.	NE to SW	" "	Sharp shock	D. Gray
30 07 20a.m.	Apia	short	S to N	Long rumble	Very slight	H.S. Fredericks.

∅ Samoan Time.

Newspaper Reports.

G.C.M.T.	Place	Remarks	Paper.
h m			
2 09 20	Gore	2 shocks—10 seconds—NE to SW.	Mataura Ensign.
2 09 20	Invercargill	Disturbance West to East	Southland News.
2 09 15	Dunedin	Reported from Gore, 26 distinct shocks—dwellings rocked ominously.	Otago Daily Times.

Copies of your earthquake reports will be much appreciated.

C.E. Adams
Government Astronomer
& Seismologist.