

Thanks are again due to those officials and private persons who have assisted the Observatory in seismological work by operating instruments and forwarding records and reports. By the courtesy of the Government of Fiji the records of the Suva seismograph have been regularly forwarded to this Observatory for measurement. The Wood-Anderson seismograph belonging to this Observatory, and installed at the Magnetic Observatory, Christchurch, has continued recording throughout the year. The records have been forwarded regularly for measurement, and finally returned to the Magnetic Observatory. The following table gives the number of earthquakes recorded at various stations during the year 1932 :—

Station.	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Suva .. ..	20	13	10	10	13	7	10	9	9	7	11	14	133
Arapuni .. ..	13	3	6	3	4	4	2	1	3	0	0	3	42
*Tuai .. ..	..	..	..	..	..	..	..	..	4	2	0	3	9
New Plymouth .. ..	4	1	9	10	20	7	5	9	61	13	10	11	160
Hastings .. ..	13	10	2	3	20	10	5	8	30	6	2	3	112
*Bunnythorpe .. ..	..	..	..	..	..	..	..	..	..	0	1	0	1
Takaka .. ..	4	1	5	5	4	2	1	3	3	1	0	1	30
Wellington .. ..	51	24	53	27	39	47	27	28	69	36	42	29	472
*Greymouth .. ..	..	..	..	..	..	..	..	..	..	..	0	0	0
†Christchurch .. ..	9	1	12	10	14	5	4	5	11	6	6	7	90
*Chatham Islands .. ..	..	..	..	..	..	..	..	1	0	0	0	4	5

\* Seismograph recording for a portion of the year only.

† From records of Wood-Anderson seismograph only.

#### Non-Instrumental Reports.

Officers of the Post and Telegraph Department and of the Marine Department, and private observers, have continued to furnish valuable reports of earthquakes as felt in various parts of New Zealand. The non-instrumental reports are always of great assistance in the determination of epicentres. The following summary includes all earthquakes reported felt in New Zealand in 1932 :—

Month.	Number of Earthquakes.			Reported felt. Total for New Zealand.	Maximum Intensity (R.-F. Scale).	Locality of Maximum Intensity.
	North Island.	South Island.	Both Islands.			
1932.						
January .. ..	15	13	1	27	5	Napier.
February .. ..	9	2	0	11	5	Wairoa.
March .. ..	53	9	1	63	6-7	Coromandel.
April .. ..	7	15	0	22	6	Takaka.
May .. ..	15	3	1	17	8	Taradale.
June .. ..	12	1	0	13	7	Taradale.
July .. ..	5	5	1	9	8	Patea.
August .. ..	5	12	1	16	6	Hawera, Kahurangi.
September .. ..	88	1	1	88	9	Wairoa.
October .. ..	13	5	0	18	6	Wairoa.
November .. ..	16	2	0	18	5	Wanganui.
December .. ..	10	1	0	11	5	Wairoa, Waipawa.
Totals .. ..	250	70	6	313	9	Wairoa (September 16).

It will be seen that 313 earthquakes were felt in some part of New Zealand during the year 1932. The number felt in the North Island was over three times as great as the number felt in the South Island.

The following table gives the number of earthquakes in the year 1932, in which the maximum reached various degrees of the Rossi-Forel scale :—

Month.	Rossi-Forel Numbers.										Totals.	
	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.		
1932.												
January .. ..	3	4	8	10	2	..	..	..	..	..	..	27
February .. ..	..	1	7	2	1	..	..	..	..	..	..	11
March .. ..	..	..	47	10	3	2	1	..	..	..	..	63
April .. ..	..	2	5	4	9	2	..	..	..	..	..	22
May .. ..	1	..	6	5	3	1	..	1	..	..	..	17
June .. ..	..	2	4	2	4	..	1	..	..	..	..	13
July .. ..	..	..	4	4	..	..	..	1	..	..	..	9
August .. ..	..	1	7	4	3	1	..	..	..	..	..	16
September .. ..	2	18	34	17	11	5	..	..	1	..	..	88
October .. ..	..	2	7	7	..	2	..	..	..	..	..	18
November .. ..	..	1	5	11	1	..	..	..	..	..	..	18
December .. ..	..	4	3	2	2	..	..	..	..	..	..	11
Totals .. ..	6	35	137	78	39	13	2	2	1	..	..	313

The maximum intensities (Rossi-Forel scale) experienced in each of the years from 1921 to 1932 (inclusive) was as follows: 1921, 8; 1922, 8; 1923, 6; 1924, 7; 1925, 8; 1926, 8; 1927, 8; 1928, 8; 1929, 10; 1930, 8; 1931, 10; 1932, 9.