

Between the 10th and the 13th a series of very intense westerly depressions moved over the Dominion, and strong and squally north-west to west winds prevailed. Rainfall was confined chiefly to districts with a westerly aspect, the eastern provinces at this time experiencing very warm and dry conditions. During this period the north-westerly winds were at times particularly violent in the latter districts. A severe gale on the 10th did a considerable amount of damage to plantations on the Canterbury Plains, and the electric-power service was severely affected, numerous poles being brought down. Torrential rain in the watersheds caused floods in many of the West Coast and Canterbury rivers. A flood in the Waimakariri River was described as the worst since 1927, its waters inundating some of the low-lying land on the plain. By the 14th the last of this series of depressions had crossed the Dominion and a change to south-westerly winds had set in, although practically no rain accompanied the change in the eastern districts.

On the night of the 19th another intense depression moved on to the Dominion, a centre apparently crossing Otago. On the morning of the 20th the latter caused a violent northerly gale in parts of Otago. At Dunedin the gale was the worst experienced for many years, and resulted in extensive damage to buildings, fences, and gardens. The effects of this storm, but to a lesser extent, were also felt in South Canterbury.

The last storm of the month was brought about by a small but rather intense cyclone which developed off the east coast of the South Island on the afternoon of the 23rd. During the night conditions became rapidly unsettled and, as previously mentioned, a severe cold southerly prevailed on the 24th, with general rain, and in many places snow and hail showers were experienced. The worst effects of the disturbance, however, were of brief duration.

B. V. PEMBERTON, Acting Director.

CLIMATOLOGICAL TABLE.
MEANS AND TOTALS FROM CHIEF STATIONS.
October, 1931.

Altitude above Sea-level.	Name of Station and Observer.	Mean Temp. Air in Shade.	Extremes.			Total Rainfall (100 Points to the Inch).	Days with Rain (½ Point or more).	Altitude above Sea-level.	Name of Station and Observer.	Mean Temp. Air in Shade.	Extremes.			Total Rainfall (100 Points to the Inch).	Days with Rain (½ Point or more).
			Mean Max. Temp.	Mean Min. Temp.	Deg.						Deg.	Deg.	Deg.		
	NORTH ISLAND.	Deg.	Deg.	Deg.	Points			SOUTH ISLAND.	Deg.	Deg.	Deg.	Points			
225	WAIPOUA, DONNELLY'S CROSSING A. C. Forbes	54.0	61.7	46.2	441	16	34	NELSON O. B. Pemberton	54.2	63.5	44.9	275	6		
65	RIVERHEAD .. W. J. McKibbin	54.5	62.4	46.5	242	11	..	WAIHOPAI, BLENHEIM .. J. Stanwell	54.8	65.8	43.8	160	5		
164	AUCKLAND .. S. M. Yallop	56.4	62.1	50.7	215	13	800	GOLDEN DOWNS, NELSON Forest Ranger	51.1	62.4	39.7	385	7		
340	WAIHI .. M. F. Haszard	55.0	64.1	45.8	402	9	1220	HANMER SPRINGS .. H. Roche	52.3	65.6	39.0	248	9		
46	TE AROHA .. C. E. Christensen	56.2	67.0	45.5	274	9	743	BALMORAL, COLVERDEN .. J. E. Fletcher	54.1	66.4	41.8	114	7		
100	TAURANGA .. Miss K. Butcher	55.0	65.2	44.8	285	8	12	HOKITIKA .. J. A. Chesney	51.3	56.5	46.2	1120	20		
131	RUAKURA FARM, HAMILTON EAST G. K. McPherson	..	..	..	..	..	1220	LAKE COLERIDGE .. H. E. M. Hart	53.9	63.7	44.1	390	10
230	CAMBRIDGE .. H. McArthur	54.2	65.1	43.2	169	7	1200	"RUIDSTONE," METHVEN James Carr	53.6	63.1	44.1	384	8		
925	ROTORUA .. L. M. Tregear	54.0	64.0	44.0	471	7	25	CHRISTCHURCH .. H. F. Skey	54.3	65.2	43.3	166	5		
1000	ROTORUA NURSERY, WHAKAREWAREWA W. T. Morrison	53.6	65.6	41.6	488	9	42	LINCOLN .. E. W. Hullett	54.5	66.2	42.8	187	7		
617	ONGARUE .. D. J. Gardiner	55.5	63.1	47.8	221	14	2510	THE HERMITAGE, MOUNT COOK C. Elms	47.2	57.8	36.5	2366	15		
60	NEW PLYMOUTH G. H. Dolby	53.3	59.7	46.9	258	15	323	ASHBURTON .. H. P. Clayton	53.9	66.2	41.5	146	4		
3670	CHATEAU TONGARIRO, NATIONAL PARK A. T. Salmon	..	..	..	..	..	2350	LAKE TEKAPO .. Miss D. C. Trott	49.0	58.2	39.8	181	9
2125	KARIOI .. L. H. Bailey	..	..	..	..	..	1000	FAIRLIE .. D. Jeune	51.2	65.8	36.6	254	7
5	NAPIER .. T. R. Hutton	56.2	65.3	47.2	64	7	56	TIMARU .. Caretaker of Domain	53.0	63.1	42.9	130	6		
45	HASTINGS .. H. N. Fowler	54.3	66.6	42.0	173	11	200	WAIMATE .. F. Akhurst	53.6	64.4	42.7	163	6		
2080	TAIHAPE .. A. R. Fannin	50.0	59.1	41.0	137	11	1110	QUEENSTOWN .. H. O. Barker	50.7	59.3	42.0	374	14		
8	TANGIMOANA .. G. W. Braddell	53.4	60.6	46.1	122	10	1000	OPHIR .. Rev. A. Don	52.1	62.4	41.8	130	5		
100	PALMERSTON NORTH E. J. Werry	53.8	61.0	46.7	168	12	1550	SANATORIUM, WAIPIATA Dr. A. Kidd	50.4	61.0	39.8	121	8		
..	MASSEY AGR. COL., PALMERSTON NORTH Meteorological Observer	53.4	61.1	45.8	204	11	520	ALEXANDRA .. Geo. Smith	53.5	63.4	43.6	98	5		
384	MANGANUTU, PAHIATUA .. A. W. Hamilton	54.1	63.7	44.5	210	12	2448	MANORBURN DAM S. Wragge	44.7	53.2	36.2	152	7		
44	KAPIHI ISLAND A. S. Wilkinson	54.2	58.8	49.6	256	8	300	DUNEDIN .. D. Tannock	53.2	62.6	43.8	145	12		
377	MASTERTON .. Miss R. Robinson	54.6	66.8	42.4	162	4	245	GORE .. A. T. Newman	..	..	..	..	..
415	WELLINGTON ..	53.3	59.6	47.1	280	9	12	INVERCARGILL .. L. Lennie	51.8	61.1	42.4	224	16		
LATE RETURNS.															
..	323	ASHBURTON— September, 1931	..	44.3	53.5	35.2	280	13	
..	2350	L A K E T E K A P O, September, 1931	..	40.8	50.0	31.6	126	5	