

On the night of the 12th a small depression crossed the Dominion, and by the morning of the 13th a slight secondary centre had developed off the west coast of the South Island. The latter passed rapidly in the vicinity of Cook Strait, and the fresh southerly winds in its rear were accompanied by light rain in most districts. At Wellington, however, a heavy fall of 175 points occurred, which was more than half the total recorded for the whole month.

On the 15th another depression moved on to the Dominion and, after passing eastward during the night, it became very intense. As a result a severe southerly storm set in which continued until the 17th. The night of the 15th was a most unpleasant one, a violent southerly gale blowing at many places. The worst effects of the storm were felt in the east coast districts, and in the Canterbury Province particularly. Rain fell in nearly all districts, with some scattered heavy falls, though precipitation was chiefly of a showery nature. Hail showers were also experienced at places, and some of the mountains received a heavy coating of snow. On the Tararua the snow came lower down than at any time since August. The damage, however, was not considerable. Some losses of newly-shorn sheep occurred and fruit crops suffered somewhat in the eastern districts.

After the disappearance eastwards of this storm area on the 18th, the weather became generally more settled and, except for a few isolated light showers on the 21st, 24th, 28th, and 29th, associated with slight low-pressure waves passing to the south of the Dominion, the weather continued fine until the end of the month.

EDWARD KIDSON, Director.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM CHIEF STATIONS.

December, 1930.

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.		
	<b>NORTH ISLAND.</b>	Deg.	Deg.	Deg.	Points.			<b>SOUTH ISLAND.</b>	Deg.	Deg.	Deg.	Points.			
225	WAIPOUA, DONNELLY'S CROSSING D. Grant	59.1	66.8	51.4	157	15	34	NELSON .. .. O. B. Pemberton	59.2	67.1	51.4	67	9		
65	RIVERHEAD .. .. W. J. McKibbin	61.8	68.9	54.7	119	9		GOLDEN DOWNS, NELSON Forest Ranger	57.6	69.4	45.8	69	5		
152	AUCKLAND .. .. H. M. Vincent	65.5	74.1	56.8	81	12	1220	HANMER SPRINGS .. H. Roche	57.0	69.8	44.2	303	10		
340	WAIHI .. .. M. F. Haszard	61.6	71.3	52.0	158	6	743	BALMORAL, CULVERDEN .. W. Staveley	58.7	70.6	46.9	113	7		
46	TE AROHA .. .. C. E. Christensen	63.7	75.6	51.9	89	5	12	HOKITIKA .. .. J. A. Chesney	56.9	63.1	50.8	305	12		
100	TAURANGA .. .. Miss K. Butcher	59.9	74.1	45.7	15	5	1220	LAKE COLERIDGE .. .. H. E. M. Hart	59.5	69.5	49.6	56	4		
131	R U A K U R A F A R M, HAMILTON EAST G. K. McPherson	60.5	72.4	48.5	114	6	1200	"RUDSTONE," METHVEN James Carr	55.9	66.7	45.1	203	12		
..	CAMBRIDGE .. .. H. McArthur	61.1	73.1	49.1	89	5	25	CHRISTCHURCH .. .. H. F. Skey	58.2	67.8	48.7	179	9		
925	ROTORUA .. .. G. R. Ewing	61.0	71.8	50.2	58	4	42	LINCOLN .. .. M. C. Franklin	58.5	69.0	48.0	150	7		
1000	ROTORUA NURSERY, WHAKAREWAREWA W. T. Morrison	61.3	74.9	47.7	58	6	2510	THE HERMITAGE, MOUNT COOK G. G. Woolley	56.5	66.8	46.2	452	10		
60	NEW PLYMOUTH .. .. G. H. Dolby	58.2	65.4	50.9	120	7	323	ASHBURTON .. .. H. P. Clayton	57.5	68.4	46.6	157	8		
3670	CHATEAU TONGARIRO, NATIONAL PARK A. T. Salmon	..	..	..	..	..	2350	LAKE TEKAPO .. .. Miss D. C. Trott	56.7	67.7	45.7	41	4		
2125	KARIOI .. .. S. Trask	53.7	67.8	39.6	261	10	1000	FAIRLIE .. .. D. Jeune	57.3	71.9	42.8	178	6		
5	NAPIER .. .. R. Thomas	62.0	70.0	54.0	41	7	56	TIMARU .. .. Caretaker of Domain	57.2	66.7	47.6	97	9		
45	HASTINGS .. .. H. N. Fowler	60.7	72.3	49.2	27	6	200	WAIMATE .. .. F. Akhurst	57.0	67.8	46.2	120	11		
2080	TAIHAPE .. .. A. R. Fannin	55.6	65.1	46.2	82	7	1110	QUEENSTOWN .. .. H. O. Barker	58.0	68.7	47.4	121	8		
8	TANGIMOANA .. .. G. W. Braddell	57.9	66.2	49.7	52	5	1000	OPHIR .. .. Rev. A. Don	58.6	71.9	45.3	146	6		
100	PALMERSTON NORTH .. .. E. J. Werry	58.5	66.8	50.2	111	13	1550	SANATORIUM, WAIPIATA Dr. A. Kidd	56.2	68.0	44.4	176	12		
..	MASSEY AGR. COL., PALMERSTON NORTH L. Whelan	57.8	65.5	50.0	133	12	520	ALEXANDRA .. .. Geo. Smith	60.0	71.9	48.2	55	6		
384	MANGAMUTU, PAHIATUA .. .. A. W. Hamilton	58.5	68.9	48.1	147	11	..	MANORBURN DAM .. .. L. Lennie	51.5	61.8	41.3	157	11		
44	KAPITI ISLAND .. .. A. S. Wilkinson	..	62.4	*	126	10	300	DUNEDIN .. .. D. Tannock	55.2	63.5	47.0	291	14		
377	MASTERTON .. .. Miss R. Robinson	59.2	71.5	47.0	214	6	245	GORE .. .. A. T. Newman	..	..	..	..	..		
415	WELLINGTON .. ..	55.9	62.1	49.8	299	9	12	INVERCARGILL .. .. L. Lennie	55.7	64.0	47.5	271	20		

\* Thermometer out of order.