

The second stormy period in the month occurred between the 7th and the 11th. Between the 7th and the 10th a series of cyclone centres crossed New Zealand, the tracks taken being progressively more northerly. Many heavy rainfalls were recorded in the North Island. The period culminated in gales on the 11th as the depressions moved away eastward. In the far north the gales were from the west, but in the central and southern portions of the Dominion they were southerly. At Wellington the southerly was only slightly less severe than the northerly of the preceding week. The rain on the 10th and 11th was particularly heavy in the coastal portions of Marlborough and North Canterbury, many totals exceeding 5 in. This storm was followed by a period of southerly winds, which continued until the 15th. Cold weather was experienced, with frosts at many places.

On the 18th another depression moved on to the Dominion, and a cyclone centre located in its northern portion passed between Cape Maria van Diemen and Norfolk Island on the 19th. Though the winds associated with this disturbance were not very strong, it was responsible for some very heavy rains, especially in the northern and western districts of the North Island. A spell of southerly weather followed this storm also.

On the 30th general rain was caused by a depression which was approaching from the Tasman Sea, and the month closed with stormy conditions prevailing.

EDWARD KIDSON, Director.

CLIMATOLOGICAL TABLE.

MEANS AND TOTALS FROM CHIEF STATIONS.

April, 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.						Mean Max. Temp.	Mean Min. Temp.		
Ft.	NORTH ISLAND.	Deg.	Deg.	Deg.	Points.		Ft.	SOUTH ISLAND.	Deg.	Deg.	Deg.	Points.	
225	WAIPOUA, DONNELLY'S CROSSING D. Grant	58.6	67.3	49.9	553	19	34	NELSON .. O. B. Pemberton	55.3	63.2	47.5	248	10
65	RIVERHEAD .. W. J. McKibbin	58.7	67.6	49.8	776	14	..	WAIHOPAI, BLENHEIM .. J. Stanwell	53.3	62.0	44.6	308	10
154	AUCKLAND .. S. M. Yallop	60.9	66.7	55.1	899	14	800	GOLDEN DOWNS, NELSON Forest Ranger	52.2	61.6	42.8	475	8
340	WAIHI .. M. F. Haszard	56.8	65.4	48.3	799	13	1220	HANMER SPRINGS .. H. Roche	50.3	62.2	38.4	625	10
46	TE AROHA .. C. E. Christensen	58.9	69.2	48.7	425	11	743	BALMORAL, CULVERDEN .. W. Staveley	51.4	61.1	41.7	444	7
100	TAURANGA .. Miss K. Butcher	57.2	66.7	47.7	432	11	12	HOKITIKA .. J. A. Chesney	54.2	61.2	47.2	742	9
131	RUAKURA FARM, HAMILTON EAST G. K. McPherson	..	..	..	..	..	1220	LAKE COLEBRIDGE .. H. E. M. Hart	51.3	61.2	41.5	307	8
..	CAMBRIDGE .. H. McArthur	57.6	67.3	47.8	435	11	1200	"RUBSTONE," METHVEN James Carr	50.9	59.2	42.6	291	9
925	ROTORUA .. L. M. Tregear	56.5	64.6	48.4	714	10	25	CHRISTCHURCH .. H. F. Skey	52.1	60.3	44.0	91	9
1000	ROTORUA NURSERY, WHAKAREWAREWA W. T. Morrison	55.3	64.6	46.0	647	12	42	LINCOLN .. M. C. Franklin	51.0	60.6	43.3	142	6
60	NEW PLYMOUTH .. G. H. Dolby	57.8	64.0	51.6	752	13	2510	THE HERMITAGE, MOUNT COOK C. Elms	48.7	59.0	38.4	1386	13
3670	CHATEAU TONGARIRO NATIONAL PARK A. T. Salmon	..	..	..	..	..	323	ASHBURTON .. H. P. Clayton	50.5	59.6	41.4	141	9
2125	KARIOI .. S. Trask	48.9	59.6	38.2	466	12	2350	LAKE TEKAPO .. Miss D. C. Trott	48.3	57.8	38.9	88	6
5	NAPIER .. R. Thomas	57.3	64.8	49.8	214	14	1000	FAIRLIE .. D. Jeune	49.1	61.4	36.9	131	6
45	HASTINGS .. H. N. Fowler	53.4	66.3	40.5	276	13	56	TIMARU .. Caretaker of Domain	52.7	60.9	44.6	65	7
2080	TAHARU .. A. R. Fannin	51.7	58.7	44.8	345	12	200	WAIMATE .. F. Akhurst	51.9	61.8	42.0	70	9
8	TANGIMOANA .. G. W. Braddell	55.4	63.2	47.6	487	10	1110	QUEENSTOWN .. H. O. Barker	49.9	58.5	41.3	242	6
100	PALMERSTON NORTH .. E. J. Werry	55.8	62.9	48.6	633	14	1000	OPHIR .. Rev. A. Don	47.4	60.2	34.6	38	7
..	MASSEY AGRIC. COL., PALMERSTON NORTH L. Whelan	55.8	63.1	48.6	609	13	1550	SANATORIUM, WAIPIATA Dr. A. Kidd	48.6	59.3	37.9	90	8
384	MANGAMUTU, PAHIATUA .. A. W. Hamilton	55.2	63.8	46.6	643	14	520	ALEXANDRA .. Geo. Smith	48.8	60.0	37.6	42	5
44	KAPITI ISLAND .. A. S. Wilkinson	56.1	60.2	52.0	460	14	..	MANORBUEN DAM .. D. Tannock	44.6	54.7	34.5	160	11
377	MASTERTON .. Miss R. Robinson	54.3	63.8	44.9	379	16	300	DUNEDIN .. A. T. Newman	51.3	58.6	44.0	195	12
415	WELLINGTON ..	54.7	59.4	50.0	559	14	245	GORE .. L. Lennie	..	..	..	..	..
							12	INVERCARGILL ..	49.0	56.6	41.4	187	17