

the night of the 16th in Canterbury and Otago, and continued throughout the 17th. Although the falls were not heavy they relieved the situation in these districts where the land was showing the detrimental effect of the continued dry weather and strong westerly winds.

Another depression, but of moderate intensity, which crossed over the country between the 23rd and 26th, brought rain of a scattered nature. Some heavy falls, however, occurred in Westland about this time, but very little fell in Canterbury, and practically none in Hawke's Bay. On the afternoon of the 24th, while the low centre connected with this disturbance was situated off the west coast of Otago, a waterspout passed in the vicinity of Westport.

During the last three days of the month the weather was affected by an extensive double-centred cyclone. The first centre passed in the south on the night of the 29th, while the following one moved up the west coast and eventually crossed the northern districts during the night of the 31st. Unsettled, dull, misty weather was associated with this depression, and rain fell at times in nearly all parts of the Dominion.

In addition to the depressions already mentioned, there were three occasions when cyclones moved down from the north-east and passed to the east of East Cape. Their nearest approach to the latter point occurred on the 15th, 22nd, and 28th respectively, and their effects were confined chiefly to the East Cape and Gisborne areas. About these dates strong southerly winds blew in these districts, but unfortunately the accompanying rains were only light and scattered along the east coast of the North Island, where relatively dry conditions persisted throughout the month.

B. V. PEMBERTON, Acting-Director.

CLIMATOLOGICAL TABLE.
MEANS AND TOTALS FROM CHIEF STATIONS.
August, 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 († 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 († 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 A. C. Forbes	49.3	57.8	40.8	497	25	34	NELSON O. B. Pemberton	45.8	53.8	37.8	343	12
65	RIVERHEAD .. W. J. McKibbin	48.8	57.8	39.8	338	17	..	WAIHOPAI, BLENHEIM .. J. Stanwell	43.4	52.7	34.2	227	9
164	AUCKLAND .. S. M. Yallop	..	..	..	..	..	800	GOLDEN DOWNS, NELSON Forest Ranger	42.9	53.5	32.3	451	8
340	WAIHI .. M. F. Haszard	47.6	57.1	38.1	462	13	1220	HANMER SPRINGS .. H. Roche	41.4	51.7	31.0	292	13
46	TE AROHA .. C. E. Christensen	47.0	56.9	37.2	270	12	743	BALMORAL, CULVERDEN .. J. E. Fletcher	42.1	51.2	33.0	146	7
100	TAURANGA .. Miss K. Butcher	48.3	57.4	39.2	318	13	12	HOKITIKA .. J. A. Chesney	44.6	52.1	37.2	1091	19
131	RUAKURA FARM, HAMILTON EAST G. K. McPherson	46.6	56.9	36.3	389	17	1220	LAKE COLERIDGE .. H. E. M. Hart	42.4	51.2	33.6	337	13
230	CAMBRIDGE .. H. McArthur	46.8	57.0	36.6	359	16	1200	"RUDSTONE," METHVEN James Carr	42.6	49.1	36.2	253	13
925	ROTORUA .. L. M. Tregear	45.6	54.7	36.6	352	11	25	CHRISTCHURCH .. H. F. Skey	43.6	50.8	36.4	150	13
1000	ROTORUA NURSERY, WHA- KAREWAREWA W. T. Morrison	42.8	51.6	34.1	333	15	42	LINCOLN .. E. W. Hullett	44.2	51.8	36.7	124	10
617	ONGARUE .. D. J. Gardiner	43.4	54.4	32.5	571	19	2510	THE HERMITAGE, MOUNT COOK C. Elms	37.3	45.0	29.6	1075	12
60	NEW PLYMOUTH .. G. H. Dolby	48.8	54.9	42.7	484	18	323	ASHBURTON .. H. P. Clayton	42.0	50.4	33.7	124	13
3670	CHATEAU TONGARIRO, NATIONAL PARK A. T. Salmon	..	..	..	..	..	2350	LAKE TEKAPO .. Miss D. C. Trott	37.2	44.8	29.5	214	9
2125	KARIOI .. L. H. Bailey	39.2	47.9	30.5	436	21	1000	FAIRLIE .. D. Jeune	41.4	52.0	30.8	139	11
5	NAPIER .. T. R. Hutton	48.5	56.3	40.7	49	8	56	TIMARU .. Caretaker of Domain	42.8	50.7	34.8	181	10
45	HASTINGS .. H. N. Fowler	46.7	56.9	36.5	111	9	200	WAIMATE .. F. Akhurst	43.0	51.3	34.6	302	13
2080	TAHARU .. A. R. Fannin	41.2	47.6	34.9	236	15	1110	QUEENSTOWN .. H. O. Barker	41.5	48.8	34.2	243	11
8	TANGIMOANA .. G. W. Braddell	46.2	54.4	38.0	228	16	1000	OPHE .. Rev. A. Don	39.3	48.7	29.9	150	11
100	PALMERSTON NORTH .. E. J. Werry	46.3	54.0	38.6	267	21	1550	SANATORIUM, WAIPIATA Dr. A. Kidd	38.3	46.6	30.0	179	14
..	MASSEY AGRIC. COL., PAL- MERSTON NORTH L. Macpherson	46.6	54.0	39.3	296	20	520	ALEXANDRA .. Geo. Smith	41.0	49.4	32.7	119	12
384	MANGAMUTU, PAHIATUA .. A. W. Hamilton	45.6	54.1	37.0	435	23	2448	MANORBURN DAM .. S. Wragge	* * *	* * *	* * *	177	14
44	KAPITI ISLAND .. A. S. Wilkinson	48.6	53.0	44.1	323	15	300	DUNEDIN .. D. Tannock	43.2	49.3	37.1	463	22
377	MASTERTON .. Miss R. Robinson	43.8	54.2	33.4	205	13	245	GORE .. A. T. Newman	..	..	..	..	..
415	WELLINGTON ..	46.2	51.0	41.4	223	18	12	INVERCARGILL .. L. Lennie	43.1	50.0	36.2	357	10
LATE RETURN.													
..	MASSEY AGRIC. COL., PAL- MERSTON NORTH— July, 1931 ..	46.6	52.3	41.0	434	24							
ERRATA.													
100	PALMERSTON NORTH— January, 1931 ..	61.8	..	54.1	..	..					
323	ASHBURTON— February, 1931 ..	57.3	..	..	..	..			

* Unreliable.