

weather which had prevailed there during the latter part of January was very slow in dissipating. After the 4th the cyclone commenced to fill up. The remains of it passed over New Zealand as a complex trough of low pressure, which, though shallow, was responsible between the 6th and 8th for a general rain, which was the best experienced during the month. The southerly wind which followed the depression on the 8th and 9th was very cold and boisterous. Conditions remained unsettled to the east and north until the 13th.

The second cyclone appeared on the central Queensland coast on the 20th and moved southward until, on the 24th, it had reached Tasmania. It there, like its predecessor, commenced to pass slowly eastward, at the same time filling up. A low-pressure trough lying in a north and south direction was left, however, over the Tasman Sea, and while it crossed the Dominion, between the 26th and 28th, fairly widespread rains fell. Each of these cyclones was preceded in the New Zealand area by a rather intense anticyclone.

In addition to the above-mentioned storms, moderate depressions passed between the 16th and the 18th and the 20th and 21st respectively, but neither produced a great deal of rain.

EDWARD KIDSON, Director.

CLIMATOLOGICAL TABLE.  
MEANS AND TOTALS FROM CHIEF STATIONS.  
February, 1934.

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.	
200	TE PAKI, TE HAPUA .. R. J. Harrison	64.4	71.7	57.1	718	14	24	NELSON .. O. B. Pemberton	63.2	70.4	56.0	237	10
225	WAIPOUA, DONNELLY'S CROSSING A. McKinnon, B.Sc.	63.7	72.0	55.4	462	12	57	APPLEBY, NELSON .. W. J. Biggar	62.8	70.6	55.1	211	8
110	RIVERHEAD .. J. Johnson	62.1	71.4	52.8	784	15	60	BLLENHEIM .. P. J. Galliers	64.6	75.6	53.5	68	7
160	AUCKLAND .. S. M. Yallop	65.8	71.4	60.3	817	18	860	WAIHOPAI, BLENHEIM .. J. Stanwell	62.6	74.8	50.5	100	7
404	WAIHI .. M. F. Haszard	62.3	70.0	54.6	1218	14	800	GOLDEN DOWNS, NELSON Forest Ranger	60.4	73.1	47.8	152	6
46	TE AROHA .. C. E. Christensen	66.5	75.0	58.0	532	14	1225	HANMER SPRINGS .. H. Roche	58.4	70.9	45.8	429	9
100	TAURANGA .. Miss K. L. Butcher	63.5	70.7	56.3	837	12	743	BALMORAL, CULVERDEN .. J. E. Fletcher	60.2	70.8	49.6	208	8
131	R U A K U R A F A R M, HAMILTON EAST G. K. McPherson	64.0	73.9	54.0	279	9	12	HOKITIKA .. J. A. Chesney	61.2	68.1	54.4	360	12
230	CAMBRIDGE .. H. McArthur	64.5	74.7	54.3	318	8	1220	LAKE COLERIDGE .. H. E. M. Hart	60.4	70.9	49.9	110	8
925	ROTORUA .. W. E. Penno	62.7	69.7	55.7	743	12	1200	"RUDSTONE," METHVEN James Carr	59.2	67.7	50.6	271	8
1000	ROTORUA NURSERY, WHAKAREWAREWA W. T. Morrison	62.0	70.1	53.8	852	12	22	CHRISTCHURCH .. H. F. Skey	60.2	68.2	52.2	153	11
60	NEW PLYMOUTH .. G. H. Dolby	63.4	70.7	56.1	180	8	36	LINCOLN .. D. J. Sidey	60.7	70.4	51.0	183	9
3670	CHATEAU TONGARIRO, NATIONAL PARK W. J. Stevens	52.2	61.4	43.0	586	12	2510	THE HERMITAGE, MOUNT COOK C. Elms	58.8	69.1	48.6	799	10
2125	KARIOI .. L. H. Bailey	56.6	67.3	46.0	466	10	323	ASHBURTON .. H. P. Clayton	59.4	68.5	50.2	237	10
5	NAPIER .. T. R. Hutton	62.8	69.0	56.5	697	12	2350	LAKE TEKAPO .. Miss D. C. Trott	59.8	69.7	50.0	161	5
45	HASTINGS .. H. N. Fowler	61.8	71.4	52.2	586	11	1000	FAIRLIE .. C. Searle	59.2	71.3	47.2	239	8
2157	TAHAPE .. A. R. Fannin	59.0	67.6	50.4	520	11	56	TIMARU .. A. W. Anderson	59.9	68.3	51.5	142	6
8	TANGIMOANA .. G. W. Braddell	62.2	70.1	54.2	327	8	200	WAIMATE .. F. Akhurst	58.8	68.6	49.0	220	8
100	PALMERSTON NORTH .. E. J. Werry	62.8	71.1	54.6	235	11	1110	QUEENSTOWN .. F. W. Bailey	62.2	73.1	51.2	197	8
110	MASSEY AGRIC. COL., PALMERSTON NORTH Meteorological Observer	62.6	70.6	54.5	439	10	1000	OPHIE .. Rev. A. Don	61.9	74.2	49.6	253	9
384	PAHIATUA .. A. W. Hamilton	61.5	71.3	51.7	358	11	1550	SANATORIUM, WAIPIATA .. Dr. A. Kidd	59.6	71.8	47.4	285	7
44	KAPITI ISLAND .. R. J. Wilkinson	63.0	69.5	56.4	313	7	520	ALEXANDRA .. Geo. Smith	63.6	74.7	52.6	178	6
387	MASTERTON .. Miss R. Robinson	61.5	72.7	50.3	508	11	2448	MANORBURN DAM .. S. Wragge	56.8	67.7	46.0	191	12
415	WELLINGTON ..	61.6	68.0	55.3	351	11	240	DUNEDIN .. D. Tannock	59.0	67.8	50.3	274	9
							245	GORE .. A. T. Newman	..	..	..	..	..
							12	INVERCARGILL .. L. Lennie	58.0	67.2	48.9	211	10

LATE RETURNS.

230	CAMBRIDGE— December, 1933	63.1	75.7	50.5	276	6	..	GORE— October, 1933	49.9	61.8	38.0	306	20
	January, 1934	61.6	73.2	50.1	301	8	..	November, 1933	52.4	64.2	40.6	329	16
							..	December, 1933	59.2	71.7	46.6	334	13
..	PAHIATUA— January, 1934	58.7	66.8	50.6	431	14	..	FAIRLIE— January, 1934	*	*	*	*	*

\* Incomplete.