

rain. And since the division-line between the two winds moved extremely slowly, the rain continued for a long time. This was the explanation of the extremely heavy rain which occurred on Banks Peninsula and the floods of record height which did so much damage at Little River and the surrounding district. The north-easterly gales caused widespread damage over the North Island. There was flooding also in the far North and the Thames and Waikato districts, and, with the exception of the west coast of the South Island, almost the whole country received a deluge of rain.

On the 5th the cyclone was filling up and the weather moderating. The general line of disturbance, however, moved only very slowly eastward, and from the 5th to the 10th there was a spell of cold and boisterous southerly weather with dull skies and frequent showers, especially along the east coast.

Another notable spell of stormy weather commenced on the 14th. This was in marked contrast to the one described above, being of the westerly type. From the 15th to the 17th most of the country, but especially the South Island, was afflicted with north-westerly or westerly gales for periods of varying duration. Much damage was done, especially to power lines, but also in some cases to buildings. The spell concluded on the 17th to 18th with a southerly gale and a severe cold snap. Snow fell on the ranges in all parts of the country, and in Southland even the low levels were coated for a few hours. Stratford and Te Pohue also reported falls. Hailstorms were recorded from one end of the country to the other. The high southerly winds caused further damage to trees, fences, &c. On the evening of the 17th a tornado, which was unusually severe for New Zealand, struck New Plymouth, partially wrecking a number of houses.

From the 19th onward the weather was quiet, high pressure ruling most of the time. Though temperatures were rather low, especially in the South, there were no extremes.

EDWARD KIDSON, Director.

CLIMATOLOGICAL TABLE.
MEANS AND TOTALS FROM CHIEF STATIONS.
May, 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.			
	NORTH ISLAND.							SOUTH ISLAND.						
200	TE PARI, TE HAPUA .. R. J. Harrison	Deg. 56.4	Deg. 62.2	Deg. 50.5	Points. 381	14	24	NELSON .. O. B. Pemberton	Deg. 49.8	Deg. 58.6	Deg. 40.9	Points. 195	9	
225	WAIPOUA, DONNELLY'S CROSSING A. D. McKinnon, B.Sc.	53.4	61.5	45.4	644	17	57	APPLEBY, NELSON .. W. J. Biggar	49.7	58.1	41.3	189	11	
110	RIVERHEAD .. J. Johnson	52.2	61.6	42.7	498	15	60	BLENHEIM .. P. J. Galliers	48.4	58.1	38.8	246	9	
160	AUCKLAND .. S. M. Yallop	55.7	61.0	50.4	560	18	860	WAIHOPAI, BLENHEIM .. J. Stanwell	47.7	56.9	38.5	216	6	
404	WAIHI .. M. F. Haszard	51.2	59.0	43.3	792	12	800	GOLDEN DOWNS, NELSON .. Forest Ranger	46.1	56.7	35.5	204	8	
46	TE AROHA .. C. E. Christensen	52.8	61.8	43.8	406	17	1225	HANMER SPRINGS .. H. Roche	44.6	53.8	35.5	789	14	
100	TAURANGA .. Miss K. L. Butcher	52.2	61.4	43.0	405	12	743	BALMORAL, CULVERDEN .. J. E. Fletcher	45.6	54.2	36.9	338	14	
131	RUAKURA FARM, HAMILTON EAST G. K. McPherson	51.2	61.6	40.7	472	15	12	HOKITIKA .. J. A. Chesney	48.8	57.6	40.0	649	16	
230	CAMBRIDGE .. W. A. Wilkinson	..	..	..	..	..	1220	LAKE COLEBRIDGE .. H. E. M. Hart	45.2	54.4	36.1	240	11
925	ROTORUA .. W. E. Penno	49.6	57.8	41.3	407	12	22	"RUDSTONE," MERTHVEN .. James Carr	46.4	53.0	39.8	447	14	
1000	ROTORUA NURSERY, WHAKAREWAREWA W. T. Morrison	48.9	58.7	39.1	417	11	36	CHRISTCHURCH .. H. F. Skey	46.6	54.0	39.2	734	15	
60	NEW PLYMOUTH .. G. H. Dolby	53.4	59.6	47.1	369	16	2510	LINCOLN .. D. J. Sidey	47.1	54.8	39.4	619	14	
3670	CHATEAU TONGARIBO, NATIONAL PARK W. J. Stevens	*	*	*	338	12	323	THE HERMITAGE, MOUNT COOK C. Elms	40.6	48.2	32.9	4344	16	
2125	KARIOI .. L. H. Bailey	43.6	52.2	35.0	382	17	2350	ASHBURTON .. H. P. Clayton	45.8	55.2	36.4	476	18	
5	NAPIER .. T. R. Hutton	50.8	58.6	43.0	130	11	1000	LAKE TEKAPO .. Miss D. C. Trott	41.6	48.9	34.2	432	9	
45	HASTINGS .. H. N. Fowler	49.4	60.0	38.8	171	13	56	FAIRLIE .. C. Searle	43.8	56.1	31.5	410	10	
2157	TAIHAPE .. A. R. Fannin	44.8	50.8	38.7	289	18	200	TIMARU .. A. W. Anderson	46.0	54.5	37.4	248	7	
8	TANGIMOANA .. G. W. Braddell	50.4	58.7	42.2	295	11	1110	WAIMATE .. F. Akhurst	45.7	55.1	36.3	254	8	
100	PALMERSTON NORTH .. E. J. Werry	50.6	58.3	42.9	245	11	1000	QUEENSTOWN .. F. W. Bailey	44.4	51.7	37.0	465	15	
110	MASSEY AGR. COL., PALMERSTON NORTH Meteorological Observer	49.5	57.1	41.9	256	16	1550	OPHIR .. Rev. A. Don	41.0	50.2	31.9	229	11	
384	PAHIATUA .. A. W. Hamilton	48.2	56.5	39.9	510	18	520	SANATORIUM, WAIPIATA .. Dr. A. Kidd	41.6	50.0	33.1	127	18	
44	KAPITI ISLAND .. R. J. Wilkinson	51.6	56.8	46.3	498	15	2448	ALEXANDRA .. Geo. Smith	43.0	51.8	34.3	98	10	
387	MASTERTON .. Miss R. Robinson	47.6	57.0	38.2	431	15	240	MANORNBURN DAM .. S. Wragge	37.7	45.0	30.4	205	15	
415	WELLINGTON ..	50.2	55.5	45.0	453	12	240	DUNEDIN .. D. Tannock	46.6	52.8	40.4	719	18	
	LATE RETURN.							245	GORE .. A. T. Newman
230	CAMBRIDGE, March ..	60.4	71.4	49.4	190	6	12	INVERCARGILL .. L. Lennie	46.2	53.2	39.1	570	22	

* Incomplete.