

The second spell occurred about the middle of the month. A series of shallow cyclones came from the westward between the 13th and the 21st. At one stage there were as many as five centres in procession. From the 14th to the 17th pressure was high at Chatham Island, and the combination of circumstances was favourable for heavy rain. Strong northerly winds blew, gales being experienced in many parts, especially of the North Island. General rains fell, and the totals for the whole period were practically everywhere heavy. The fact that they were warm rains added to their value. On the 18th thunderstorms occurred in many places, and there were some rainfalls of the nature of cloudbursts. Flooding was caused by such rains at Masterton and at Earnsleugh in Central Otago. Similar phenomena were experienced at Dusky in Southern Otago on the 16th, and in Taranaki and Golden Bay on the 20th. On the latter day, especially, considerable damage was done to electric-power lines.

The third rainy period was from the 22nd onward. A cyclone was centred east of Tasmania on the 21st, but thereafter the weather gradually approached the westerly type. Heavy rains occurred in many parts of the South Island from the 22nd to the 24th. Over the North Island precipitation was mainly light and scattered. Northerly gales blew on the 23rd, some damage being done in the Manawatu and Wairarapa districts.

EDWARD KIDSON, Director.

CLIMATOLOGICAL TABLE.
MEANS AND TOTALS FROM CHIEF STATIONS.
December, 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).
			Max. Temp.	Min. Temp.						Max. Temp.	Min. Temp.		
	NORTH ISLAND.							SOUTH ISLAND.					
225	WAIPOUA, DONNELLY'S CROSSING A. C. Forbes	60.6	68.5	52.7	466	15	34	NELSON O. B. Pemberton	60.6	68.6	52.5	1100	9
65	RIVERHEAD .. W. J. McKibbin	61.5	70.0	53.0	372	12	860	WAIHOPAI, BLENHEIM .. J. Stanwell	69.7	70.1	49.4	388	9
160	AUCKLAND .. S. M. Yallop	63.7	69.7	57.7	330	9	800	GOLDEN DOWNS, NELSON Forest Ranger	57.7	70.3	45.0	423	6
340	WAIHI .. M. F. Haszard	61.0	70.2	51.9	442	10	1220	HANMER SPRINGS .. H. Roche	58.2	71.7	44.7	177	6
46	TE AROHA .. C. E. Christensen	63.5	75.1	51.8	183	10	743	BALMORAL, CULVERDEN .. J. E. Fletcher	59.9	72.8	47.0	111	5
100	TAURANGA .. Miss K. Butcher	62.4	72.9	51.8	320	11	12	HOKITIKA .. J. A. Chesney	56.6	62.2	51.0	834	17
131	RUAKURA FARM, HAMILTON EAST G. K. McPherson	60.8	72.1	49.5	151	7	1220	LAKE COLERIDGE .. H. E. M. Hart	57.9	70.0	45.8	120	8
230	CAMBRIDGE .. H. McArthur	61.5	73.0	50.0	231	10	1200	"RUDSTONE," METHVEN James Cair	58.3	68.2	48.5	233	14
925	ROTORUA .. L. M. Tregear	61.5	71.4	51.6	151	6	25	CHRISTCHURCH .. H. F. Skey	60.4	69.6	51.1	53	10
1000	ROTORUA NURSEBY, WHAKAREWAREWA W. T. Morrison	61.1	72.9	49.4	135	9	42	LINCOLN .. E. W. Hullett	60.9	71.2	50.6	42	5
617	ONGARUE .. D. J. Gardiner	62.4	71.2	53.6	194	9	2510	THE HERMITAGE, MOUNT COOK C. Elms	48.2	66.7	29.8	1078	16
60	NEW PLYMOUTH .. G. H. Dolby	59.9	67.5	52.2	443	11	323	ASHBURTON .. H. P. Clayton	59.4	70.3	48.5	132	10
3670	CHATEAU TONGARIRO, NATIONAL PARK A. T. Salmon	..	..	..	..	..	2350	LAKE TERAPO .. Miss D. C. Trott	55.9	67.5	44.3	129	8
2125	KARIKI .. L. H. Bailey	54.3	66.2	42.4	284	10	1000	FAIRLIE .. D. Jeune	..	..	..	..	..
5	NAPIER .. T. R. Hutton	63.3	71.6	55.1	212	10	56	TIMARU .. D. N. Harper	59.3	68.7	49.9	134	12
45	HASTINGS .. H. N. Fowler	62.2	73.9	50.5	134	11	200	WAIMATE .. F. Akhurst	58.7	68.0	49.4	155	9
2080	TAIHAPE .. A. R. Fannin	56.7	66.0	47.5	301	11	1110	QUEENSTOWN .. H. O. Barker	57.8	68.4	47.1	239	9
8	TANGIMOANA .. G. W. Braddell	60.2	68.6	51.7	295	10	1000	OPHIR .. Rev. A. Don	58.4	72.2	44.6	142	8
100	PALMERSTON NORTH .. E. J. Werry	61.0	70.0	52.0	271	11	1550	SANATORIUM, WAIPIATA Dr. A. Kidd	57.0	69.3	44.7	199	9
.	MASSEY AGRIC. COL., PALMERSTON NORTH Meteorological Observer	60.3	68.5	52.1	297	12	520	ALEXANDRA .. Geo. Smith	60.0	71.3	48.7	271	9
384	MANGAMUTU, PAHIATUA .. A. W. Hamilton	60.2	71.7	48.7	273	11	2448	MANORBUEN DAM S. Wragge	*	61.4	*	246	8
44	KAPIKI ISLAND .. A. S. Wilkinson	60.3	67.0	53.7	313	10	300	DUNEDIN .. D. Tannock	56.2	64.9	47.6	263	15
377	MASTERTON .. Miss R. Robinson	62.0	73.5	50.6	170	11	245	GORE .. A. T. Newman	..	..	..	..	..
415	WELLINGTON	59.1	65.6	52.5	270	10	12	INVERCARGILL .. L. Lennie	54.9	62.9	46.9	259	17

* Not reliable.