

Thunderstorms.—Thunderstorms were unusually frequent and severe, particularly in districts with a westerly aspect.
Pressure Systems.—The first important storm occurred between the 4th and the 7th. This was a cyclonic depression which developed in the Tasman Sea, the centre crossing Otago on the 5th. Rain was almost general, and some severe thunderstorms were reported. One of these did damage to electric-power lines in North Auckland on the night of the 6th. On this same night there were extensive snowfalls on the ranges of both Islands.

The period from the 15th to the 28th was very disturbed. A series of depressions passed, the majority being of the westerly type. Showers or heavy rain were experienced every day in western and far southern districts. Thunder and hail storms were also of frequent occurrence. The Manawatu and neighbouring rivers were in flood for several days. Between the 16th and 18th some of the Southland rivers also were flooded. The heaviest and most widespread rain occurred on the 16th and 17th, when a cyclone again crossed Otago. Small tornadoes were experienced respectively at Whakatane on the night of the 16th and at Marton on the evening of the 25th. In both cases several buildings were wrecked. Eastern districts did not fare badly during the greater part of this time, but on the 28th a strong southerly set in, and a bitterly cold day was experienced throughout the country. Precipitation was almost general. Snow fell on the high levels of both Islands; and reached the low levels, but only in small quantities, in eastern and southern parts of the South Island. During the period here referred to barometers remained unusually low. On the 17th many places recorded pressures below 29 in. From the 29th the weather began to improve.

EDWARD KIDSON, Director.

CLIMATOLOGICAL TABLE.
 MEANS AND TOTALS FROM CHIEF STATIONS.

June, 1932.

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 .. B. H. Morrison	54.5	60.7	48.4	350	17	34	NELSON .. O. B. Pemberton	45.1	54.4	35.9	293	14
225	WAIPOUA, DONNELLY'S CROSSING A. C. Forbes	50.3	59.0	41.7	619	20	57	APPLEBY, NELSON .. N. H. Chapman	44.8	53.4	36.3	361	15
65	RIVERHEAD .. W. J. McKibbin	49.9	57.9	42.0	517	19	..	BLENHEIM .. P. J. Galliers	43.9	53.9	33.9	170	10
160	AUCKLAND .. S. M. Yallop	51.8	57.2	46.5	407	19	860	WAIHOPAI, BLENHEIM .. J. Stanwell	42.9	51.5	34.4	249	10
340	WAIHI .. M. F. Hazzard	47.8	56.2	39.5	875	12	800	GOLDEN DOWNS, NELSON .. Forest Ranger	41.0	52.1	30.0	519	12
46	TE AROHA .. C. E. Christensen	*	56.4	*	477	15	1220	HANMER SPRINGS .. H. Roche	39.0	49.0	29.1	148	11
100	TAURANGA .. Miss K. Butcher	49.0	57.2	40.9	495	14	743	BALMORAL, CULVERDEN .. J. E. Fletcher	41.1	49.5	32.7	106	12
131	R U A K U R A F A R M , HAMILTON EAST G. K. McPherson	45.9	55.6	36.1	571	17	12	HOKITIKA .. J. A. Chesney	45.8	53.4	38.3	1025	18
230	CAMBRIDGE .. H. McArthur	46.2	55.8	36.7	685	17	1200	LAKE COLERIDGE .. H. E. M. Hart	39.5	49.4	29.7	177	9
925	ROTORUA .. W. E. Penno	45.7	53.7	37.7	523	14	2000	"RUDSTONE," METHVEN .. James Carr	43.1	49.2	37.0	102	10
1000	ROTORUA NURSERY, WHAKAREWAREWA W. T. Morrison	45.1	55.2	35.1	529	15	42	CHRISTCHURCH .. H. F. Skey	42.3	51.0	33.6	115	12
617	ONGARUE .. D. J. Gardiner	43.2	53.0	33.4	885	15	2510	LINCOLN .. E. W. Hullett	43.0	51.5	34.6	79	7
60	NEW PLYMOUTH .. G. H. Dolby	50.1	56.6	43.7	616	18	THE HERMITAGE, MOUNT COOK C. Elms	*	44.0	*	623	9	
3670	CHA TEAU TONGARIRO, NATIONAL PARK L. H. Young	..	..	..	..	..	2350	ASHBURTON .. H. P. Clayton	41.7	50.4	33.1	135	10
2125	KARIOI .. L. H. Bailey	39.7	48.4	31.0	670	22	323	LAKE TEKAPO .. Miss D. C. Trott	37.2	44.0	30.4	123	5
5	NAPIER .. T. R. Hutton	48.1	55.8	40.5	45	7	1000	FAIRLIE .. D. Jeune	39.6	50.5	28.6	26	5
45	HASTINGS .. H. N. Fowler	46.7	56.8	36.5	72	8	56	TIMARU .. A. W. Anderson	42.8	50.2	35.4	56	4
2080	TAIHAPE .. A. R. Fannin	41.9	47.7	36.1	429	21	200	WAIMATE .. F. Akhurst	43.1	51.5	34.7	48	6
8	TANGIMOANA .. G. W. Braddell	47.1	54.3	39.8	639	17	1110	QUEENSTOWN .. F. W. Bailey	39.8	46.1	33.4	91	7
100	PALMERSTON NORTH .. E. J. Werry	46.3	53.2	39.5	523	19	1000	OPHIR .. Rev. A. Don	36.0	44.9	27.1	37	10
..	MASSEY AGRIC. COL., PALMERSTON NORTH Meteorological Observer	46.2	52.9	39.5	659	16	1550	SANATORIUM, WAIPIATA .. Dr. A. Kidd	37.9	45.1	30.6	84	14
384	MANGAMUTU, PAHIATUA .. A. W. Hamilton	45.7	54.1	37.2	1042	18	520	ALEXANDRA .. Geo. Smith	38.2	45.7	30.6	35	7
44	KAPITI ISLAND .. A. S. Wilkinson	50.2	53.6	46.7	191	12	2448	MANORBURN DAM .. S. Wragge	34.2	40.4	28.0	131	16
377	MASTERTON .. Miss R. Robinson	45.2	53.4	37.1	269	17	240	DUNEDIN .. D. Tannock	43.9	48.5	39.4	285	22
415	WELLINGTON ..	47.8	52.7	42.8	218	14	245	GORE .. A. T. Newman	41.5	47.7	35.3	515	23
							12	INVERCARGILL .. L. Lennie	42.6	47.8	37.5	706	26

* Unreliable.