

The final storm system of the month was a combination of a cyclone in the north and a westerly depression in the south, both of which crossed the Dominion during the night of the 24th. This disturbance deepened considerably in passing to the east, and, consequently, during the night of the 24th and on the 25th, strong southerly winds to gales prevailed, accompanied by heavy showers and, in places, thunder and hail. Particularly heavy rains occurred in the Auckland Province, and a severe thunderstorm was experienced in parts of the Gisborne district. This was the only really cold snap during the month, and fortunately it was of brief duration. On the 26th anticyclonic conditions with fine weather set in and continued to the close of the month.

EDWARD KIDSON, Director.

CLIMATOLOGICAL TABLE.

SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL, AND SUNSHINE FOR NOVEMBER, 1937.

Station.	Height of Station above M.S.L.	Air Temperatures in Degrees (Fahrenheit).						Rainfall in Inches.					Bright Sunshine (Hours).		
		Means of		Mean of A and B.	Difference from Normal.	Absolute Maximum and Minimum.				Total Fall.	No. of Wet Days.	Difference from Normal.		Most in a Day.	
		A Max.	B Min.			Maximum.	Date.	Minimum.	Date.					Amount.	Date.
	Ft.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	In.	In.	In.				
Te Pahi, Te Hapua ..	200	67.7	53.4	60.6	(+1.8)	72.0	28	42.0	22, 27	3.02	12	..	1.32	23	170.0
Waipoua State Forest ..	225	66.5	50.8	58.6	(+1.0)	74.0	30	41.0	7, 27	6.70	14	..	2.24	24	146.5
Riverhead ..	105	66.4	49.6	58.0	(+1.7)	73.0	15, 28	37.0	5, 6	5.33	13	..	1.38	24	..
Auckland ..	160	66.9	55.4	61.2	+1.1	77.2	29	49.6	5	3.18	10	-0.41	1.20	24	211.6
Waihi ..	404	67.8	51.4	59.6	+0.7	82.0	29	45.0	23, 26	7.95	12	+3.04	2.87	13	188.9
Te Aroha ..	46	71.3	51.6	61.4	+1.3	87.0	29	39.7	7	4.34	9	+0.53	1.85	13	..
Tauranga ..	100	69.4	50.6	60.0	+1.5	75.0	16	38.8	26	3.79	10	+0.50	1.53	24	237.4
Ruakura Farm, Hamilton	131	68.7	46.9	57.8	-0.5	81.2	29	35.0	7	3.78	11	+0.11	1.81	24	222.5
Rotorua ..	925	72.2	49.8	61.0	+3.4	89.5	29	38.2	26	4.41	11	+0.23	1.42	24	219.1
Whakarewarewa*	1,000	70.3	47.5	58.9	(+1.8)	85.5	29	37.4	26	4.12	10	+0.10	1.52	24	..
Gisborne ..	25	70.3	49.2	59.8	..	81.0	16	37.0	11	1.97	9	..	0.86	24	254.9
Onepoto, Lake Waikaremoana	2,110	63.5	47.0	55.2	..	71.0	28	37.8	5	5.52	14	..	1.57	13	..
New Plymouth ..	60	68.0	50.9	59.4	+2.7	77.1	30	45.0	27, 28, 29	2.90	14	-1.80	1.13	24	221.5
Chateau Tongariro ..	3,670	57.4	38.8	48.1	(+3.2)	72.9	28, 30	31.7	2	3.46	7	..	1.51	19	..
Karioi ..	2,125	64.6	41.7	53.2	(+3.5)	78.2	30	28.1	11	2.92	9	+0.90	1.48	24	..
Napier ..	5	68.7	52.8	60.8	+1.4	79.0	3	43.8	11	1.26	7	..	0.68	24	251.8
Hastings ..	45	72.0	47.0	59.5	(+1.7)	80.2	28	37.0	11	1.60	7	..	0.68	24	..
Taihape ..	2,157	64.3	45.7	55.0	+3.0	76.4	29	38.1	26	2.08	9	-1.32	1.16	24	..
Wanganui ..	72	67.7	51.3	59.5	..	79.1	14	40.0	11	1.82	8	..	0.84	19	245.1
Tangimoana ..	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Palmerston North ..	100	69.7	49.1	59.4	+3.0	81.0	29	37.0	26	1.43	10	-1.86	0.62	24	..
Massey College, P.N. ..	110	66.8	49.2	58.0	(+2.1)	76.8	30	37.8	26	1.32	11	-2.40	0.57	24	189.9
Pahiatua ..	384	67.3	48.3	57.8	+1.6	80.0	28	32.2	11	1.87	11	(-2.99)	0.57	24	..
Kapiti Island ..	44	64.4	52.0	58.2	+2.3	73.0	15	41.0	11	2.15	10	-1.70	1.18	16	..
Masterton ..	387	71.3	46.2	58.8	+2.4	85.3	29	33.4	11	1.66	11	-1.03	0.59	19	248.6
Wellington ..	415	64.4	50.0	57.2	+1.3	75.0	15	41.0	11	2.90	9	(-0.09)	1.31	16	235.5
Nelson ..	24	67.8	49.0	58.4	+1.4	73.4	2	41.0	18	2.65	7	-0.27	0.99	16	242.5
Appleby, Nelson ..	57	68.4	49.5	59.0	(+2.5)	74.1	6	41.6	11	2.12	6	..	0.73	16	..
Blenheim ..	30	72.0	47.8	59.9	(+1.8)	85.0	15	38.5	11	1.54	7	(-0.40)	0.62	16	257.6
Golden Downs ..	900	67.9	45.0	56.4	(+2.3)	76.8	29	34.6	11	3.32	8	..	1.10	16	..
Waihopai ..	860	71.0	46.3	58.6	(+2.9)	81.5	29	35.3	20	2.94	10	..	0.89	19	..
Hanmer Springs ..	1,225	68.5	41.3	54.9	+1.2	84.6	29	31.1	20	1.17	10	-2.29	0.25	16	226.5
Balmoral ..	743	70.9	44.2	57.6	(+2.2)	87.0	27	30.0	20	0.42	8	..	0.13	17	..
Westport ..	23	59.6	50.0	54.8	..	65.0	15	44.2	26	6.35	13	..	1.60	18	204.6
Hokitika ..	12	61.4	50.0	55.7	+1.5	66.5	11, 14	41.5	11	9.11	15	-1.34	2.20	21	179.0
Lake Coleridge ..	1,220	71.5	44.9	58.2	(+2.9)	84.0	27	35.0	5, 10, 11	2.24	6	-0.27	1.48	18	..
Rudstone, Methven ..	1,217	67.9	44.9	56.4	+2.1	85.0	27	34.0	5	1.63	10	-1.71	0.82	17	243.0
Christchurch ..	22	65.8	47.1	56.4	-0.3	76.6	7	37.5	20	0.88	9	-0.90	0.31	17	222.4
Lincoln ..	36	69.0	45.7	57.4	+1.3	82.8	7	36.0	5	1.86	6	-0.07	0.65	17	244.0
Onawe, Duvauchelle's Bay	150	68.6	48.2	58.4	..	80.2	15	39.0	20	1.29	10	..	0.51	17	..
Hermitage, Mount Cook†	2,510	63.1	43.5	53.3	(+3.9)	78.0	29	33.0	19	8.82	10	-3.47	2.30	16	213.1
Ashburton ..	323	70.0	45.6	57.8	(+3.1)	87.0	27	37.2	..	1.51	8	-0.82	0.62	17	209.0
Lake Tekapo ..	2,350	67.4	41.2	54.3	(+2.9)	82.5	29	30.5	10	0.97	5	..	0.46	19	290.0
Fairlie ..	1,000	70.6	40.6	55.6	(+1.9)	90.5	27	28.7	11	1.89	7	..	0.58	16	247.5
Timaru ..	56	67.2	50.1	58.6	+3.1	76.6	15	38.2	20	0.73	5	-1.22	0.38	17	217.2
Waimate ..	200	67.6	47.3	57.4	+3.1	86.0	27	38.0	10	0.78	6	-1.42	0.32	18	178.8
Milford Sound ..	23	57.9	45.2	51.6	..	65.0	13, 25, 28	38.0	19	18.30	15	..	4.40	7	..
Queenstown ..	1,110	68.6	44.7	56.6	(+3.0)	83.6	28	37.8	5	0.33	4	-2.38	0.14	16	307.3
Ophir ..	1,000	71.1	41.7	56.4	+2.9	87.0	28	27.0	10	0.36	3	-1.05	0.15	24	..
Waipata ..	1,550	68.0	43.6	55.8	+4.5	85.8	29	32.2	5	0.82	6	..	0.36	18	252.7
Alexandra ..	520	71.8	46.3	59.0	(+3.6)	88.0	27	35.8	11	0.42	3	(-0.74)	0.25	16	277.8
Manorburn Dam ..	2,448	62.3	38.4	50.4	(+3.3)	78.5	29	28.0	5	0.89	6	-1.15	0.32	16	..
Dunedin ..	240	64.9	45.2	55.0	+1.4	81.5	27	37.0	5	1.14	7	-2.07	0.36	18	216.1
Gore ..	245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Invercargill ..	12	61.0	45.4	53.2	+0.5	74.5	30	38.0	5	2.56	16	-1.72	1.00	16	197.3

LATE RETURN.

Milford Sound, Oct., 1937	23	..	42.3	34.4	6	10.31	11	..	3.38	30	..
---------------------------	----	----	------	----	----	----	----	------	---	-------	----	----	------	----	----

* Whakarewarewa observations for 29 days only. † Hermitage, Mount Cook, observations for 29 days only.

NOTE.—At stations where departures from normal are in parentheses the record has been maintained for less than ten years in the case of temperatures and for less than twenty years in the case of rainfall, and the normals are partly interpolated.