

From the 8th to the 13th pressure continued high over south-eastern Australia and low to the east of New Zealand. South-westerly winds and cold, showery weather prevailed over the Dominion. It was during this period that frosts were experienced, and snowfalls occurred on the mountains. These were unusually heavy for the time of year, particularly on Mount Egmont.

From the 19th to the 22nd a series of shallow westerly depressions were responsible for some heavy rains in the south-western and southern parts of the South Island.

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CLIMATOLOGICAL TABLE.
SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL, AND SUNSHINE FOR MARCH, 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		In.		In.	In.		
Te Pahi, Te Hapua ..	200	71.0	54.6	62.8	(-0.3)	75.0	26	47.0	22	2.15	12	..	0.74	25	122.4
Waipoua State Forest ..	225	71.0	54.7	62.8	(+1.0)	77.0	27	46.0	14	4.28	16	..	1.35	26	129.8
Riverhead ..	105	69.2	53.1	61.2	(+0.4)	74.0	24, 29	39.2	14	3.81	15	..	1.39	27	..
Auckland ..	160	70.1	59.5	64.8	+0.2	75.0	30	52.0	12	3.53	14	+0.26	0.97	27	143.2
Waihi ..	404	70.3	52.4	61.4	-0.4	75.0	30	39.0	6	10.72	13	+3.22	5.50	28	170.2
Te Aroha ..	46	73.0	56.2	64.6	+1.2	78.5	15	41.3	12	6.29	15	+2.15	2.68	28	..
Morrinsville* ..	87	72.3	53.0	62.6	..	77.9	1	37.7	12	3.13	14	..	1.67	28	..
Tauranga ..	100	71.8	55.0	63.4	+1.3	77.5	30	40.0	12	5.94	14	+2.02	2.61	28	175.7
Ruakura Farm, Hamilton	131	70.6	52.4	61.5	-0.5	75.4	15	42.2	12	2.90	12	-0.35	1.15	28	141.0
Rotorua ..	925	69.6	54.0	61.8	+1.2	78.2	15	35.3	12	5.15	14	+1.67	3.06	28	125.3
Whakarewarewa ..	1,000	68.7	52.4	60.6	(+0.5)	76.5	15	36.5	12	5.03	11	+1.16	2.75	28	..
New Plymouth ..	60	68.0	54.4	61.2	+0.1	72.8	27	39.2	12	1.82	13	-1.86	0.31	24	178.4
Chateau Tongariro ..	3,670	57.5	..	..	..	66.3	15	..	..	7.22	15	..	1.26	29	..
Karioi ..	2,125	65.1	45.6	55.4	(+1.3)	73.5	27	25.5	12	1.66	12	..	0.31	9	..
Napier ..	5	70.1	54.1	62.1	0.0	82.0	29	39.2	12	1.21	9	-1.45	0.78	3	185.0
Hastings ..	45	74.5	50.5	62.5	(+2.0)	85.0	29	33.0	12	0.86	7	..	0.49	3	..
Taihape ..	2,157	63.9	49.5	56.7	(+0.3)	77.6	29	31.5	12	1.38	12	-1.22	0.20	10	..
Tangimoana ..	8	67.3	52.7	60.0	-0.2	78.0	28	39.0	12	1.43	13	-0.86	0.35	12	..
Palmerston North ..	100	68.5	53.4	61.0	+0.5	76.0	2, 28	32.0	12	2.54	13	+0.02	1.01	12	..
Massey College, P.N.†	110	66.7	52.5	59.6	(-0.4)	73.5	28	32.0	12	1.80	10	(-1.07)	0.50	24	113.6
Pahiatua ..	384	67.3	52.4	59.8	(+0.1)	76.4	2	29.2	12	3.63	13	(+0.22)	0.87	3	..
Kapiti Island ..	44	64.5	55.8	60.2	-0.2	72.0	28	44.0	12	2.71	9	+0.63	0.75	28	..
Masterton ..	387	71.0	48.8	59.9	0.0	79.2	20	33.8	12	1.84	9	-0.91	0.66	3	175.5
Wellington ..	415	64.4	53.8	59.1	-0.6	73.9	28	43.0	11, 12	2.22	13	(-0.98)	0.83	28	165.9
Nelson ..	24	67.9	53.0	60.4	+0.4	73.8	29	44.9	13	2.19	10	-0.73	1.01	28	205.7
Appleby, Nelson ..	57	67.6	52.5	60.0	(+0.4)	76.9	29	44.1	12	1.92	9	..	0.74	28	..
Blenheim ..	30	71.7	51.0	61.4	(+0.4)	82.2	19	35.8	12	0.81	9	(-0.96)	0.32	28	217.5
Golden Downs ..	900	67.3	48.9	58.1	(+1.8)	74.8	19	39.0	12	4.82	7	..	2.02	28	..
Waihopai ..	860	69.5	48.9	59.2	(-0.4)	84.2	19	33.5	12	2.66	9	..	0.78	28	..
Hammer Springs ..	1,225	68.2	45.3	56.8	+0.3	79.5	14	27.6	12	3.29	12	+0.03	1.02	3	159.3
Balmoral‡ ..	743	68.2	47.9	58.0	(-0.2)	81.0	19, 20	30.1	12	2.28	12	..	0.80	3	..
Westport§ ..	23	62.9	53.6	58.2	..	74.5	28	45.8	12	5.61	19	..	0.81	23	153.0
Hokitika ..	12	64.0	51.2	57.6	-0.2	79.0	28	40.0	12	7.74	20	-1.77	1.62	23	107.6
Lake Coleridge ..	1,220	66.7	47.3	57.0	+0.2	80.2	19	32.5	10	2.09	12	+0.35	1.06	29	..
Rudstone, Methven ..	1,217	64.5	46.9	55.7	(+0.9)	80.0	19	34.0	12	4.04	17	+1.32	0.77	3	..
Christchurch ..	22	65.0	49.6	57.3	-0.6	83.3	19	35.1	12	1.98	13	-0.14	0.52	29	121.0
Lincoln ..	36	67.0	48.6	57.8	-0.8	85.6	19	32.2	5	1.65	14	-0.44	0.41	29	149.8
Hermitage, Mount Cook||	2,510	63.1	44.1	53.6	(+0.5)	73.3	19	30.8	9	4.61	12	-9.75	1.33	6	126.5
Ashburton ..	323	64.8	49.2	57.0	(-0.1)	80.3	19	32.0	10	2.08	19	+0.36	0.48	29	121.8
Lake Tekapo ..	2,350	65.5	43.4	54.4	(+0.2)	75.5	14	30.1	10	0.12	2	..	0.10	21	204.9
Fairlie ..	1,000	64.9	45.6	55.2	(-0.0)	81.5	14	32.0	12	1.42	9	..	0.66	2	133.5
Timaru ..	56	64.9	49.7	57.3	0.0	79.6	6	37.6	10	1.71	13	-0.45	0.56	2	119.4
Waimate ..	200	64.9	48.9	56.9	+0.5	81.0	29	39.0	12	1.92	12	-0.16	0.98	2	106.1
Milford Sound ..	23	61.2	48.1	54.6	..	67.9	22	39.2	10	18.24	18	..	3.83	6	..
Queenstown ..	1,110	64.3	47.2	55.8	0.0	74.0	29	35.2	10	2.19	14	-0.43	0.67	6	171.8
Ophir ..	1,000	65.8	45.5	55.6	-0.1	74.9	29	30.5	13	1.45	16	+0.15	0.61	2	..
Waipiata ..	1,550	64.8	45.0	54.9	+0.4	74.8	28	33.2	12	2.06	16	..	0.76	2	167.9
Alexandra ..	520	67.2	47.7	57.4	(+0.4)	76.7	29	35.2	13	1.65	15	(+0.64)	0.30	22	177.7
Manorburn Dam ..	2,448	59.5	42.6	51.0	(+1.0)	74.0	20	30.8	12	2.67	17	+0.78	0.50	2	..
Dunedin ..	240	62.7	48.3	55.5	-0.5	79.5	29	37.9	11	2.92	19	+0.02	0.65	2	132.2
Gore ..	245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Invercargill ..	12	61.7	46.8	54.2	-0.5	73.0	29	34.0	16	5.35	20	+1.46	1.56	19	138.6

LATE RETURNS.

Appleby, Nelson, February, 1937	57	67.9	51.4	59.6	(-2.7)	76.8	7	40.8	19	6.46	9	..	3.40	25	..
Hermitage, Mount Cook—January, 1937	2,510	63.0	42.5	52.8	(-0.1)	77.0	27	30.5	12	17.42	17	-0.91	3.86	19	175.5
Hermitage, Mount Cook—February, 1937	2,510	62.5	42.0	52.2	(-2.5)	78.0	5	31.2	13	16.13	17	+6.21	4.30	9	158.2
Te Pahi, Te Hapua, February, 1937	200	70.3	..	..	..	74.5	10	..	..	2.24	11	..	0.86	25	139.7

* Observations for 30 days only. † Observations for 30 days only. ‡ Maximum temperatures for 23 days only. § Minimum temperatures for 24 days only. || Observations for 25 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.