

On the 20th and 21st a weak trough, gradually moving southwards, brought behind it fresh southerlies with scattered rains and snow on the ranges, but pressure rose rapidly and good anticyclonic weather soon followed. During the clear night some hard frosts were recorded.

A new disturbance commencing its passage across the Dominion on the 24th gave rain in the west and south of the South Island and, on the 26th, caused freshening south-westerlies which were accompanied by colder temperatures, scattered rain showers, and isolated hail. An anticyclone was moving across the Tasman but the depression to the south-east deepened considerably, keeping the winds south-westerly, and on the 30th these increased to squally gales, sweeping the country with cold showers and hail. However, as barometers rose, conditions made a rapid improvement and temperatures moderated on the closing day of the month.

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CLIMATOLOGICAL TABLE.

SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL, AND SUNSHINE FOR OCTOBER, 1939.

Station.	Height of Station above M.S.L.	Air Temperatures in Degrees (Fahrenheit).								Rainfall in Inches.					Bright Sunshine (Hours).
		Means of				Absolute Maximum and Minimum.				Total Fall	No. of Wet Days.	Difference from Normal.	Most in a Day.		
		A Max.	B Min.	Mean of A and B.	Difference from Normal.	Maximum.	Date.	Minimum.	Date.				Amount.	Date.	
	Ft.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	In.	In.	In.	In.	In.	In.	
Te Pahi, Te Hapua ..	200	61.4	49.8	55.6	(-0.7)	64.5	10	38.0	11	4.22	12	..	1.45	4	190.5
" Ramote," Kerikeri ..	400	63.6	46.9	55.2	..	69.6	26	39.7	31	5.52	18	..	1.89	5	177.4
Waipoua State Forest ..	225	62.5	46.6	54.6	(-0.3)	69.0	2, 26	39.0	1, 4, 23	4.62	19	..	1.64	17	168.2
Riverhead ..	105	61.6	42.4	52.0	(-1.6)	68.5	26	33.0	24	4.32	15	..	1.33	17	..
Auckland ..	160	62.0	50.3	56.2	-1.1	65.8	25	46.0	1, 31	3.08	15	-0.98	1.21	17	205.3
Waihi ..	404	62.0	46.8	54.4	-1.3	68.5	26	39.0	1, 23	10.42	11	+3.12	3.12	8	182.8
Wharekawa Nursery, Whangamata	50	64.3	47.1	55.7	..	71.6	26	40.0	2	9.33	13	..	3.17	7	..
Te Aroha ..	46	65.2	46.9	56.0	-1.2	71.5	23	37.0	1	4.53	13	+0.03	1.75	17	..
Tauranga ..	100	64.2	46.6	55.4	-0.5	68.2	15	39.2	3	5.87	12	+0.76	2.25	8	207.2
Ruakura Farm, Hamilton	131	62.9	43.9	53.4	-1.6	68.9	3	33.9	1	2.58	12	-1.52	0.92	17	197.3
Rotoehu Plantation ..	235	64.0	42.5	53.2	..	70.0	24	33.4	1, 28	4.48	13	..	1.40	8	..
Rotorua ..	925	65.5	43.5	54.5	+0.3	72.2	2	35.0	4	2.86	14	-2.32	1.06	17	206.7
Whakarewarewa ..	1,000	63.7	42.2	53.0	(-0.7)	69.1	23	32.4	4	2.46	12	-3.06	0.96	17	..
Gisborne ..	25	62.4	44.3	53.4	..	71.0	26	33.0	5	1.42	14	..	0.37	17	176.9
Onepoto, Lake Waikaremoana	2,110	55.6	41.7	48.6	..	63.8	16	34.9	3	4.85	19	..	1.22	9	..
New Plymouth	190	60.4	47.1	53.8	-1.2	65.5	2	38.6	16	2.32	10	-3.14	0.64	8	218.7
Chateau Tongariro ..	3,670	50.4	34.4	42.4	(-0.6)	56.4	6	28.2	16	5.42	12	..	1.21	17	..
Dawson Falls	3,100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Karioi ..	2,125	57.6	36.5	47.0	(-0.5)	71.0	12	27.5	23	1.81	13	..	0.46	8	..
Napier ..	5	61.7	47.3	54.5	-2.2	70.3	26	38.0	3	0.66	9	-1.23	0.30	12	200.3
Hastings ..	45	64.4	44.0	54.2	(-0.6)	75.0	26	34.0	3	1.77	12	..	1.05	12	..
Taihape ..	2,157	56.1	41.2	48.6	-1.2	62.2	9	34.8	27	2.16	13	-1.34	0.65	12	..
Wanganui ..	72	61.6	47.6	54.6	..	70.8	6	37.8	23	1.30	13	..	0.65	12	189.5
Tangimoana ..	8	61.1	45.3	53.2	-1.5	68.5	6	35.5	3	1.29	10	-2.10	0.51	11	..
Palmerston North ..	100	62.5	45.9	54.2	-0.1	70.0	5	36.0	28	2.58	11	-1.08	1.41	12	..
Massey College, P.N.	110	60.4	45.6	53.0	(-0.8)	66.0	5, 8, 9	35.0	28	2.69	10	(-1.43)	1.31	11	164.5
Pahiatua ..	384	61.0	43.5	52.2	(-1.6)	70.0	9	29.6	3	3.39	12	(-2.03)	1.41	12	..
Kapiti Island ..	44	59.1	48.2	53.6	+0.0	64.0	8, 9	42.0	23, 27	2.67	10	-1.27	0.67	16	..
Masterton ..	387	62.5	41.1	51.8	-2.2	70.8	17	29.0	3	1.22	13	-2.02	0.27	12	195.4
Wellington ..	415	59.0	45.5	52.2	-1.3	66.8	10	39.4	23	2.80	12	(-0.71)	0.69	30	209.4
Nelson ..	24	62.0	45.2	53.6	-0.9	69.0	19	35.1	31	2.96	9	-0.54	1.09	12	233.0
Appleby, Nelson	57	61.9	44.8	53.4	(-0.6)	68.1	28	39.5	28	2.46	7	..	1.04	12	..
Blenheim ..	30	62.7	41.7	52.2	(-2.5)	73.5	24	32.2	23	1.27	8	-0.97	0.74	26	213.3
Golden Downs ..	900	60.9	37.3	49.1	(-2.4)	64.6	6	27.8	14	2.80	10	..	1.50	7	..
Waihopai ..	860	61.8	40.9	51.4	(-1.9)	71.5	24	32.9	14	2.41	9	..	0.96	26	..
Westport ..	23	57.9	46.8	52.4	..	60.0	15	41.0	14	6.22	16	..	1.26	16	211.5
Hanmer Springs	1,225	60.6	37.5	49.0	-2.0	70.7	25	26.0	31	2.08	13	-1.84	0.66	26	164.5
Balmoral ..	743	60.7	38.2	49.4	(-3.3)	70.0	23	30.0	1, 23	0.61	4	..	0.30	20	..
Hokitika ..	12	59.7	43.3	51.5	-0.7	63.5	12	35.0	31	6.25	13	-5.56	1.69	16	192.8
Lake Coleridge ..	1,220	61.1	38.7	49.9	-2.9	71.5	23	29.5	15	1.11	12	-1.82	0.34	26	..
Darfield ..	640	61.5	39.5	50.5	..	74.0	1	28.9	31	0.82	11	..	0.19	26	..
Christchurch ..	22	58.8	43.5	51.2	-2.1	71.2	17	33.4	14	0.86	7	-1.11	0.54	26	201.6
Wigram Aerodrome, Sockburn	74	59.4	42.4	50.9	..	71.4	17	32.0	14	0.76	9	..	0.39	26	..
Rudstone, Methven ..	1,217	58.2	40.3	49.2	(-1.8)	68.4	23	32.6	31	1.72	13	-1.80	0.35	8	206.7
Lincoln ..	36	60.4	42.4	51.4	-2.1	71.9	18	31.5	31	1.26	10	-0.47	0.52	26	211.0
Onawe, Duvauchelle's Bay	150	59.4	43.9	51.6	..	71.0	25	38.2	30, 31	2.52	10	..	1.57	26	..
Hermitage, Mount Cook	2,510	57.2	36.8	47.0	(-0.2)	65.2	6	28.0	31	5.80	12	-11.14	1.08	7	167.4
Ashburton ..	323	60.0	41.0	50.5	(-1.1)	70.0	1	29.1	31	0.98	8	-1.35	0.28	20, 26	..
Lake Tekapo ..	2,350	58.3	35.9	47.1	(-0.6)	68.0	24	27.4	14	0.86	5	..	0.42	25	233.8
Jacksons Bay ..	22	57.3	44.4	50.8	..	61.8	27	38.0	26	14.01	13	..	3.16	8	..
Fairlie ..	1,000	60.1	36.9	48.5	(-1.9)	70.0	1, 8	29.0	31	1.49	9	..	0.60	20	180.5
Timaru ..	56	60.6	42.0	51.3	-1.5	75.6	17	35.6	30	1.06	7	-0.92	0.34	20	181.0
Waimate ..	200	58.9	42.6	50.8	-1.0	73.0	17	34.0	31	1.46	11	-0.65	0.55	25	158.8
Milford Sound ..	23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Queenstown ..	1,110	60.1	40.1	50.1	(-0.7)	68.2	4	31.6	21	1.46	11	-1.85	0.69	31	193.9
Ophi ..	1,000	61.7	36.8	49.2	-1.4	69.8	6	25.9	21	0.64	7	-0.80	0.39	25	..
Waipiata ..	1,550	59.0	37.7	48.4	-0.4	69.2	10	27.4	21	1.09	7	..	0.85	25	217.9
Alexandra ..	520	63.0	40.8	51.9	(-0.4)	71.0	10	30.2	21	0.52	7	-0.75	0.34	25	206.6
Manorburn Dam ..	2,448	54.1	33.5	43.8	(-1.3)	65.8	17	23.0	21	0.68	9	-1.23	0.15	31	..
Dunedin ..	240	59.6	42.8	51.2	-0.4	73.8	17	34.0	21	2.37	12	-0.72	0.57	29	191.0
Gore ..	245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Invercargill ..	12	60.2	41.7	51.0	+0.0	72.0	10	33.0	13	2.15	16	-2.20	0.43	31	198.0

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.