

Between the 13th and the 18th a moderate cyclonic depression passed across the north Tasman Sea and by Norfolk and the Kermadec Islands. On the 16th it caused easterly gales in the far North, and some rain fell in the northern and eastern districts of the North Island. The centre was too far north to affect New Zealand greatly. It did cause, however, an increased flow of air from the south and south-east, and it was during this period that the worst of the frosts were experienced.

From the 23rd to the 27th a shallow cyclone developed in the northern part of a depression, approaching from the Tasman Sea and moved slowly across the North Island. This was responsible for the general rains already referred to, and snow on the ranges, especially in the South Island. South-easterly gales were experienced in the Cook Strait area. On the 24th there were some severe thunderstorms in the Auckland Province.

From the 28th onwards the weather was again dominated by an anticyclone. On the 31st south-westerly winds on the southern side of it began to cause rain on the west coast of the South Island.

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CLIMATOLOGICAL TABLE.

SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL, AND SUNSHINE FOR OCTOBER, 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.	In.			
Te Pahi, Te Hapua ..	200	63.7	46.2	55.0	(-1.3)	66.0	18, 29	36.0	10	1.51	4	..	0.70	15	191.9
Waipoua State Forest ..	225	63.5	44.3	53.9	(-1.0)	69.0	23, 24	37.0	2, 3, 29	1.47	6	..	0.54	25	161.8
Riverhead ..	105	62.7	42.4	52.6	(-1.0)	67.5	24	30.5	29	1.70	7	..	0.80	23	..
Auckland ..	160	63.2	50.6	56.9	-0.4	68.2	26	45.0	7	2.07	6	-1.99	1.02	26	200.4
Waihi ..	404	63.5	44.2	53.4	-2.3	70.0	30	35.0	19	2.42	5	-4.88	1.23	23	221.9
Te Aroha ..	46	67.3	45.6	56.4	-0.8	73.5	26	36.0	29	1.53	5	-2.97	1.17	24	..
Tauranga ..	100	66.0	44.4	55.2	-0.7	73.6	30	36.0	10	4.90	4	-0.21	3.58	24	233.0
Ruakura Farm, Hamilton	131	64.7	41.5	53.1	-1.9	72.0	17, 18	33.0	29	1.62	7	-2.48	0.59	23	208.9
Rotorua ..	925	67.1	42.7	54.9	+0.7	74.8	30	34.2	6	4.21	6	-0.98	2.68	24	204.9
Whakarewarewa ..	1,000	63.7	40.6	52.2	-1.5	75.2	31	32.3	6	4.25	6	-1.27	2.49	24	..
Gisborne ..	25	62.0	44.2	53.1	..	74.0	3	33.6	7	3.62	11	..	1.63	25	165.9
Onepoto, Lake Waikaremoana	2,110	54.0	40.8	47.4	..	71.2	31	34.8	10	7.16	15	..	2.37	25	..
New Plymouth ..	60	63.0	46.1	54.6	-0.4	72.2	18	38.5	2	3.14	6	-2.32	1.71	24	253.3
Chateau Tongariro ..	3,670	53.3	33.6	43.4	(+0.4)	60.9	30	23.4	14	2.56	10	..	0.50	3	..
Karioi ..	2,125	59.1	35.2	47.2	(-0.3)	67.7	30	27.3	15	1.62	10	..	0.55	23	..
Napier ..	5	60.6	46.6	53.6	-3.1	71.3	31	38.5	7	2.71	10	+0.82	0.93	23	198.8
Hastings ..	45	63.0	43.5	53.2	(-1.6)	74.6	31	32.0	29	2.09	10	..	0.83	25	..
Taihape ..	2,157	57.7	39.7	48.7	-1.1	68.8	30	32.2	28	1.87	13	-1.63	0.40	24	..
Wanganui ..	72	60.7	45.0	52.8	..	66.5	23	34.8	10	1.35	5	..	0.68	23	257.9
Tangimoana ..	8	60.4	42.2	51.3	-3.4	66.5	26	32.5	15	1.21	6	-2.18	0.52	24	..
Palmerston North ..	100	62.9	44.6	53.8	-0.5	72.0	23	32.0	28	1.74	7	-1.92	0.39	25	..
Massey College, P.N.	110	60.2	43.5	51.8	(-2.0)	67.3	23	32.2	28	1.22	6	(-2.90)	0.39	24	202.8
Pahiatua ..	384	60.7	42.6	51.6	(-2.2)	70.0	23	30.4	28	2.57	11	(-2.85)	0.63	24	..
Kapiti Island ..	44	59.1	46.7	52.9	-0.7	65.0	23	40.0	10	0.98	5	-2.96	0.55	24	..
Masterton ..	387	63.4	39.6	51.5	-2.5	74.8	30	29.8	28	1.79	11	-1.45	0.40	25	230.1
Wellington ..	415	58.7	44.4	51.6	-1.9	65.2	23	38.0	10	0.94	7	(-2.57)	0.30	8	255.5
Nelson ..	24	61.4	43.6	52.5	-2.0	70.2	31	35.8	28	0.48	4	-3.02	0.26	27	269.0
Appleby, Nelson ..	57	62.0	43.6	52.8	(-1.2)	70.0	31	34.8	28	0.72	5	..	0.34	27	..
Blenheim ..	30	63.5	40.5	52.0	(-2.7)	86.2	30	31.2	17, 28	0.17	5	(-2.07)	0.04	8, 25, 27	257.8
Golden Downs ..	900	62.6	36.2	49.4	(-2.1)	68.8	12	27.0	15	0.53	3	..	0.36	13	..
Waihopai ..	860	63.6	38.7	51.2	(-2.1)	78.4	30	30.0	15	0.84	5	..	0.71	27	..
Hanmer Springs ..	1,225	61.9	35.9	48.9	-2.1	75.8	11	26.5	16	1.89	9	-2.03	0.35	23	198.2
Balmoral ..	743	62.5	37.9	50.2	(-2.5)	76.0	11	27.0	28	0.72	9	..	0.15	12, 13	..
Westport ..	23	57.6	45.6	51.6	..	62.0	22	39.5	5	3.18	9	..	0.94	8	225.5
Hokitika ..	12	59.2	43.1	51.2	-1.0	63.0	14, 23	36.0	16	5.10	10	-6.71	1.96	8	201.3
Lake Coleridge ..	1,220	65.7	38.0	51.8	-1.0	78.0	10	29.1	25	0.28	5	-2.65	0.17	26	..
Rudstone, Methven ..	1,217	61.1	40.6	50.8	(-0.2)	74.0	30	31.0	4	1.08	8	-2.44	0.32	26	222.8
Christchurch ..	22	59.3	43.5	51.4	-1.9	70.7	30	32.1	5	0.28	6	-1.69	0.18	26	228.1
Lincoln ..	36	62.1	40.8	51.4	-1.1	77.2	30	28.5	16	0.40	3	-1.33	0.32	26	225.4
Onawe, Duvauchelle's Bay	150	61.4	44.0	52.7	..	72.3	31	36.0	16	0.57	5	..	..	26	..
Hermitage, Mount Cook	2,510	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ashburton ..	323	61.8	39.8	50.8	(-0.8)	78.2	30	29.1	16	0.64	8	-1.69	0.27	26	205.5
Lake Tekapo ..	2,350	61.1	35.3	48.2	(+0.5)	72.2	11	23.8	15	0.00	0	..	..	..	278.9
Fairlie ..	1,000	62.0	35.2	48.6	(-1.8)	80.2	30	23.2	15	0.39	3	..	0.30	12	214.3
Timaru ..	56	61.6	41.3	51.4	-1.4	74.8	3	31.4	5	0.30	6	-1.68	0.15	12	226.9
Waimate ..	200	62.4	40.9	51.6	-0.2	78.0	30	31.0	15	0.59	6	-1.52	0.15	12, 26	184.3
Milford Sound ..	23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Queenstown ..	1,110	62.9	40.5	51.7	(+0.9)	73.2	29	34.8	6, 7	0.41	5	-2.90	0.19	31	258.0
Ophir ..	1,000	64.5	37.2	50.8	+0.2	75.4	29	22.5	15	0.27	4	-1.17	0.12	26	..
Waipiata ..	1,550	61.8	38.4	50.1	+1.3	74.2	29	30.4	15, 28	0.63	4	..	0.30	1	234.8
Alexandra ..	520	65.5	39.3	52.4	(+0.1)	78.5	29	30.2	5	0.12	1	(-1.15)	0.12	26	254.4
Manorburn Dam ..	2,448	56.8	33.1	45.0	(-0.1)	68.0	29	25.0	5	0.36	4	-1.55	0.28	26	..
Dunedin ..	240	59.8	41.8	50.8	-0.8	71.0	30	35.0	16	0.80	8	-2.29	0.33	26	226.2
Gore ..	245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Invercargill ..	12	60.1	39.9	50.0	-1.0	68.0	25, 30	31.0	25	1.29	12	-3.06	0.39	4	234.8
LATE RETURN.															
Auckland, Sept., 1937 ..	160	59.6	49.0	54.3	-0.1	67.1	1	42.6	29	4.18	22	+0.13	0.83	21	172.5
Onepoto, Lake Waikaremoana, Sept., 1937	2,110	50.2	39.5	44.8	..	59.8	21	31.7	29	5.81	21	..	0.81	25	..

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.