

From the 16th to the 18th a cyclonic depression crossed the central part of the Dominion, bringing much rain to the North Island, with some strong north-east to easterly winds in the Auckland Province.

On the 20th a cyclone developed off the coast of New South Wales. This became very deep and extensive and moved eastward very slowly. It crossed New Zealand on the night of the 24th. Very rough weather was associated with its passage across the Tasman. In New Zealand it caused strong easterly winds as it approached, and was followed by strong south-easterlies. These brought very cold weather and further extensive snowfalls. Several secondaries followed the main cyclone, moving from the north-west past the North Island. There was much rain in North Auckland and between Hawke's Bay and East Cape, with flooding in places, especially about Whangarei. The South Island, except for snow on the 24th, was comparatively little affected.

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CLIMATOLOGICAL TABLE.

SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL, AND SUNSHINE FOR JUNE, 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	60.6	45.6	53.1	(-1.2)	66.0	3	33.0	9, 10, 11	4.16	22	..	1.28	30	121.3
Waipoua State Forest ..	225	58.6	42.4	50.5	(-0.5)	66.0	2	31.0	10	8.11	21	..	1.52	17	88.4
Riverhead ..	105	56.6	41.0	48.8	(-1.0)	63.5	3	28.0	9	9.60	22	..	2.17	30	..
Auckland ..	160	56.5	46.3	51.4	-1.9	63.2	4	38.7	9	7.25	22	+1.81	1.59	25	128.7
Waihi ..	404	54.7	39.7	47.2	-1.6	64.0	3	26.0	10	14.78	18	+6.22	4.26	23	93.8
Te Aroha ..	46	57.4	39.6	48.5	-1.8	68.0	2	29.5	10, 19	4.57	17	-0.72	1.35	23	..
Tauranga ..	100	57.3	40.1	48.7	-1.0	66.8	3	30.9	8	4.83	18	-0.52	1.06	15	151.9
Ruakura Farm, Hamilton	131	55.7	37.2	46.4	-2.1	66.6	4	26.0	9, 19	2.71	13	-2.03	0.53	23	128.2
Rotorua ..	925	55.0	37.8	46.4	-0.8	64.8	3	28.3	22	2.65	15	-2.60	0.67	2	116.0
Whakarewarewa ..	1,000	53.5	36.1	44.8	(-1.9)	63.3	3	27.5	22	3.88	10	-1.10	0.90	5	..
Gisborne ..	25	55.8	37.1	46.4	..	67.0	3	28.8	6, 7	5.36	17	..	1.36	23	123.1
Onepoto, Lake Waikaremoana	2,110	46.5	37.5	42.0	..	56.7	3	31.0	6	9.27	19	..	2.40	23	..
New Plymouth ..	60	54.7	43.2	49.0	-1.1	63.0	3	31.2	19	5.92	16	-0.03	1.22	15	116.1
Chateau Tongariro ..	3,670	41.3	29.0	35.2	(-2.1)	49.2	1	21.0	25	5.35	14	..	0.92	4	..
Karioi ..	2,125	46.8	30.7	38.8	(-1.8)	61.3	2	20.0	21	2.70	18	..	0.72	4	..
Napier ..	5	54.4	39.0	46.7	-2.0	69.5	3	31.5	2	2.98	14	+0.06	1.06	23	141.8
Hastings ..	45	55.6	36.8	46.2	(-0.1)	72.2	3	28.0	13	3.67	16	..	1.15	23	..
Taihape ..	2,157	45.6	35.1	40.4	-2.5	57.3	1	25.7	6	2.84	20	-0.54	0.52	15	..
Wanganui* ..	72	53.4	39.9	46.6	..	64.0	3	28.9	30	1.48	12	..	0.62	15	138.1
Tangimoana ..	8	53.0	36.8	44.9	-2.7	63.0	3	25.2	30	1.19	9	-1.89	0.45	15	..
Palmerston North ..	100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Massey College, P.N.†	110	51.8	38.3	45.0	(-2.4)	61.0	3	28.0	30	1.59	12	(-2.37)	..	..	103.9
Pahiatua ..	384	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kapiti Island ..	44	51.9	43.1	47.5	-1.6	60.0	2, 3	31.0	8	1.52	10	-2.71	0.64	3	..
Masterton ..	387	50.9	35.7	43.3	-2.9	68.7	3	26.3	11, 20	3.74	20	+0.15	0.78	16	107.8
Wellington ..	415	49.5	41.3	45.4	-3.2	60.0	2	33.9	6	3.33	21	(-0.98)	0.78	24	84.2
Nelson ..	24	53.7	35.3	44.5	-1.9	60.4	3	29.0	6	1.25	6	-2.26	0.75	2	161.0
Appleby, Nelson ..	57	53.0	35.0	44.0	(-1.9)	61.8	3	27.1	27	1.20	9	..	0.44	2	..
Blenheim ..	30	53.3	32.9	43.1	(-1.7)	66.2	3	24.5	28	0.89	7	(-1.66)	0.24	15	167.1
Golden Downs ..	900	50.5	29.0	39.8	(-1.8)	59.8	1	17.9	27	2.62	8	..	0.86	2	..
Waihopai ..	860	51.1	31.4	41.2	(-2.8)	63.0	1	24.2	27	1.49	7	..	0.65	3	..
Hanmer Springs ..	1,225	43.8	26.4	35.1	-5.6	66.0	2	12.3	6	5.09	17	+1.70	1.32	24	80.6
Balmoral ..	743	46.8	31.4	39.1	(-3.3)	64.2	2	20.2	29	3.65	15	..	0.73	15	..
Westport ..	23	52.3	39.6	46.0	..	65.0	1	33.2	6	1.73	15	..	0.31	2	132.7
Hokitika ..	12	52.5	34.7	43.6	-2.3	59.0	2	27.0	26, 27, 29	3.97	11	-5.25	1.18	4	147.5
Lake Coleridge ..	1,220	46.6	29.6	38.1	-3.3	64.2	12	12.5	28	2.42	10	+0.21	1.12	3	..
Rudstone, Methven ..	1,217	44.5	34.0	39.2	(-2.8)	59.0	1, 2	25.0	27, 28	3.33	13	+0.96	0.83	3	97.3
Christchurch ..	22	48.0	34.1	41.0	-2.4	66.7	3	28.7	19	2.12	19	-0.41	0.50	23	98.9
Lincoln ..	36	48.3	34.9	41.6	-2.6	61.8	3	28.4	28	2.66	20	+0.18	0.63	23	71.3
Onawe, Duvauchelle's Bay	150	48.6	38.7	43.6	..	64.0	3	30.0	28	6.08	24	..	1.25	4	..
Hermitage, Mount Cook‡	2,510	41.3	24.1	32.7	(-1.5)	62.1	1	13.5	26	5.94	9	-6.19	2.98	3	68.1
Ashburton ..	323	47.5	32.0	39.8	(-1.6)	60.2	2	23.6	29	1.83	13	-0.53	0.46	24	87.1
Lake Tekapo ..	2,350	41.5	25.0	33.2	(-3.2)	55.0	2, 13	10.0	27	0.55	2	..	0.39	3	116.6
Fairlie ..	1,000	46.1	26.4	36.2	(-2.7)	59.2	13	14.0	28, 29	0.90	8	..	0.25	15	113.0
Timaru ..	56	48.7	32.9	40.8	-1.9	63.0	4	25.4	28	0.96	7	-0.79	0.39	15	107.7
Waimate ..	200	49.9	33.8	41.8	-1.1	63.8	3	25.0	28	0.79	7	-1.00	0.16	15	99.3
Milford Sound ..	23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Queenstown ..	1,110	44.8	30.4	37.6	-0.8	59.2	1	22.2	30	1.10	8	-1.12	0.54	2	84.2
Ophir ..	1,000	41.2	26.9	34.0	-0.6	57.8	1	11.1	28	0.55	8	-0.23	0.24	4	..
Waipiata ..	1,550	41.6	28.0	34.8	-1.9	60.4	2	17.6	27	0.64	9	..	0.20	4	97.5
Alexandra ..	520	43.3	30.2	36.8	(+0.3)	56.5	1	17.0	28	0.17	7	(-0.53)	0.06	1	91.8
Manorburn Dam ..	2,448	36.9	23.2	30.0	(-2.2)	55.0	2	13.5	28	0.84	10	-0.57	0.28	4	..
Dunedin ..	240	47.2	36.6	41.9	-1.5	59.7	3	28.0	28	3.25	15	+0.11	0.88	4	83.4
Gore ..	245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Invercargill ..	12	46.5	35.1	40.8	-1.6	56.0	2	20.0	27	2.65	19	-0.99	0.75	12	56.2
LATE RETURN.															
Hermitage, Mount Cook, May, 1937§	2,510	48.2	31.4	39.8	(+0.3)	65.0	19	24.2	13	12.80	..	+2.13	3.45	8	57.2

* Temperature means for 29 days only. † Temperature means for 28 days only. ‡ Temperature means for 27 days only. § Temperature means 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.