

An intense cyclonic depression, which was located off the New South Wales coast on the 21st, moved very slowly across the Tasman Sea during the next few days, and from the 23rd to the 27th was responsible for north-east winds and mild, dull, misty weather in the Dominion, with scattered rains. The latter was mostly light, but some heavy falls occurred at places in North Auckland and on the east coast of the North Island. By the 27th, when it had at last crossed the Dominion, the cyclone had become a very shallow one, and the southerly which was associated with its rear proved a very mild one.

Anticyclonic conditions and fine weather again ruled on the 28th and 29th, but on the latter day a fresh cyclonic depression formed to the north-west of New Zealand. This moved slowly, at first, in a south-easterly and later in an easterly direction, passing Cape Maria van Diemen to the northward on the 30th. Dull and misty weather prevailed over most of the country. Gales from between east and south-east blew in the northern and eastern portions of the North Island on the 30th and 31st, accompanied in many places by heavy rain. In the Bay of Plenty some flooding occurred. Except in the districts mentioned, however, the rain was only light.

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CLIMATOLOGICAL TABLE.

SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL, AND SUNSHINE FOR AUGUST, 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.
		°F.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	In.	In.	In.	In.		
Te Pahi, Te Hapua ..	200	59.7	43.4	51.6	(-0.6)	62.0	5	32.0	21	8.06	16	..	2.46	30	151.4
Waipoua State Forest ..	225	59.2	41.5	50.4	(+0.6)	66.0	31	33.0	18, 21	4.42	16	..	1.53	24	122.0
Riverhead ..	105	58.1	38.2	48.2	(-0.3)	61.5	25	25.0	18	2.11	14	..	0.34	30	..
Auckland ..	160	55.5	46.2	50.8	-1.3	61.5	31	39.6	15	1.53	13	-3.08	0.40	3	183.1
Waihi ..	404	56.8	39.6	48.2	-0.2	64.0	28	29.0	17, 18	7.88	11	+0.03	2.41	25	174.0
Te Aroha ..	46	59.2	40.5	49.8	0.0	65.5	28	29.0	22	5.56	12	+0.52	1.50	25	..
Tauranga ..	100	59.5	40.7	50.1	+0.7	65.0	28, 31	34.0	8, 15, 21	4.66	11	+0.36	2.88	25	203.2
Ruakura Farm, Hamilton	131	58.7	37.7	48.2	0.0	64.6	28	26.0	18	2.10	8	-1.82	1.26	25	180.8
Rotorua ..	925	59.2	37.6	48.4	+1.5	66.6	28	29.4	17	2.14	5	-2.77	1.03	3	160.0
Whakarewarewa ..	1,000	57.1	35.7	46.4	(0.0)	65.1	31	27.7	19	1.92	3	-2.80	1.02	3	..
Gisborne* ..	25	56.5	39.8	48.2	..	61.8	27	31.0	22	4.75	14	..	1.25	30	140.3
Onepoto, Lake Waikaremoana	2,110	48.9	37.6	43.2	..	56.3	27	32.4	7	8.74	17	..	2.10	30	..
New Plymouth ..	60	58.1	41.6	49.8	+0.2	64.8	26	30.0	17	1.54	7	-3.95	0.65	3	184.9
Chateau Tongariro ..	3,670	46.3	29.2	37.8	(+0.8)	53.8	22	15.5	10	3.84	10	..	1.00	6	..
Karioi ..	2,125	51.6	30.4	41.0	(+0.7)	60.8	3	21.1	20	1.41	11	..	0.62	6	..
Napier ..	5	55.8	39.7	47.8	-0.7	60.8	1	30.2	16	1.98	10	-0.97	0.95	31	157.5
Hastings ..	45	58.5	38.0	48.2	(+1.8)	66.4	1	29.0	17	2.25	10	..	1.06	31	..
Taihape ..	2,157	50.1	36.4	43.2	+1.6	59.4	22	28.4	7	0.57	8	-2.17	0.36	6	..
Wanganui ..	172	56.8	41.4	49.1	..	64.7	31	31.0	15	0.67	6	..	0.30	3	179.4
Tangimoana ..	8	56.5	38.2	47.4	+0.2	62.0	22, 31	29.0	17	1.09	6	-1.55	0.55	3	..
Palmerston North	100	56.5	40.6	48.6	+0.7	68.0	31	28.0	17	2.18	7	-0.96	1.28	26	..
Massey College, P.N.†	110	55.0	40.5	47.8	(+0.4)	62.2	22	28.5	17	2.52	7	(-1.02)	1.50	26	137.2
Pahiatua ..	384	55.0	38.1	46.6	(+0.5)	60.6	22	27.6	16	2.76	8	(-1.36)	1.42	26	..
Kapiti Island ..	44	55.1	..	..	..	63.0	26	..	..	0.83	5	-2.92	0.70	3	..
Masterton ..	387	56.7	36.4	46.6	+0.3	64.2	20	25.1	16	1.75	13	-1.84	0.55	6	146.7
Wellington ..	415	54.3	43.0	48.6	+0.9	60.9	22	36.8	7	1.03	8	(-2.90)	0.31	3	132.2
Nelson ..	24	56.0	39.8	47.9	+1.0	63.8	26	30.1	7	1.89	7	-1.17	0.76	3	174.4
Appleby, Nelson	57	55.5	38.5	47.0	(+0.7)	62.9	26	30.5	14	2.01	6	..	1.23	3	..
Blenheim ..	30	57.0	36.7	46.8	(+1.1)	67.8	20	27.2	14, 16	0.97	7	(-1.39)	0.30	31	152.9
Golden Downs	900	55.0	31.4	43.2	(+0.3)	62.8	31	21.1	18	1.93	6	..	1.10	3	..
Waihopai ..	860	56.1	35.1	45.6	(+1.2)	61.8	20	26.0	14	1.15	8	..	0.69	3	..
Hanmer Springs	1,225	53.6	29.8	41.7	+0.5	62.1	18	20.2	15	1.00	8	-2.42	0.26	3	107.8
Balmoral ..	743	53.8	34.2	44.0	(+1.1)	62.0	17	24.9	11	0.90	6	..	0.46	31	..
Westport ..	23	53.7	42.3	48.0	..	61.0	25	32.0	7	2.86	13	..	1.31	3	126.8
Hokitika ..	12	55.0	39.7	47.4	+1.6	63.0	25	30.0	7	5.29	12	-3.95	1.21	21	125.1
Lake Coleridge	1,220	54.1	34.6	44.4	+1.7	68.5	30	24.0	12	0.52	5	-2.51	0.24	6	..
Rudstone, Methven	1,217	51.2	38.4	44.8	(+1.4)	58.0	20	31.0	5, 7	1.05	7	-1.81	0.34	3	111.7
Christchurch ..	22	53.1	39.2	46.2	+2.2	61.7	19	29.7	15	1.75	11	-0.07	0.83	31	133.7
Lincoln ..	36	53.6	38.4	46.0	+1.1	63.2	20	29.0	16	0.68	6	-1.39	0.26	31	125.8
Onawe, Duvauchelle's Bay	150	53.7	41.9	47.8	..	65.9	19	33.7	7	2.43	11	..	0.72	6	..
Hermitage, Mount Cook†	2,510	49.3	32.4	40.8	(+3.1)	61.8	17	21.2	7	6.41	7	-4.41	1.83	2	92.6
Ashburton ..	323	52.5	37.8	45.2	(+2.6)	59.5	20	27.1	18	0.74	9	-1.35	0.29	3	81.0
Lake Tekapo ..	2,350	48.4	31.6	40.0	(+3.5)	58.0	17	23.0	7	1.27	4	..	0.56	3	134.4
Fairlie ..	1,000	52.3	32.3	42.3	(+2.0)	61.7	20	22.0	5, 15	0.71	6	..	0.38	3	116.0
Timaru ..	56	52.2	38.2	45.2	+1.3	65.0	7	28.4	5	1.01	8	-0.44	0.57	26	95.3
Waimate ..	200	53.5	38.2	45.8	+2.2	61.0	19	28.0	5	1.00	8	-0.67	0.32	31	101.6
Milford Sound	23	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Queenstown ..	1,110	51.1	35.7	43.4	(+2.2)	60.0	2	29.2	15	1.05	6	-1.00	0.62	6	127.3
Ophi ..	1,000	51.9	31.7	41.8	+2.7	59.9	2	23.3	15	0.92	5	+0.08	0.34	6	..
Waipiata ..	1,550	51.0	32.8	41.9	+2.6	61.6	18	26.8	5	0.89	6	..	0.39	6	122.1
Alexandra ..	520	53.6	33.2	43.4	(+2.9)	64.0	2	25.0	15	0.87	4	(+0.14)	0.35	20	157.5
Manorburn Dam	2,448	45.3	29.3	37.3	(+3.0)	53.5	25	22.2	13	0.94	6	-0.23	0.46	20	..
Dunedin ..	240	52.1	40.7	46.4	+1.2	58.0	19	32.5	5	1.90	14	-1.17	0.63	6	93.7
Gore ..	245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Invercargill ..	12	52.8	39.2	46.0	+2.2	60.0	19	33.0	18, 29, 30	1.99	17	-1.21	0.44	19	88.1

* Gisborne maximum temperature mean for 22 days only.

† Massey College, Palmerston North, observations for 30 days only.

‡ The Hermitage, Mt. Cook, observations for 30 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.