

After a brief interval of anticyclonic weather, a series of very deep westerly depressions crossed the South Island between the 19th and 23rd. In the south the barometer fell below 29 in. Westerly gales were experienced in many places and heavy rain fell in the west and south.

The last storm of the month began as a tropical cyclone in the northern New Hebrides and passed, a week later, in a south-easterly direction down the east coast of the Auckland Peninsula on the 29th and 30th. Strong easterly winds and heavy rain occurred in eastern and northern parts of the North Island. Exceptionally high tides were recorded at Whangarei. At the same time a westerly depression passing in the south brought heavy rain to the west coast of the South Island.

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CLIMATOLOGICAL TABLE.

SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL, AND SUNSHINE FOR JANUARY, 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.	
*Te Pahi, Te Hapua ..	200	70.3	..	..	..	72.5	25	..	..	9.59	12	..	..	3.59	28	174.0
Waipoua State Forest ..	225	69.9	54.1	62.0	(-0.9)	78.0	9	44.0	27	9.29	20	..	..	1.61	5	186.8
Riverhead ..	105	69.2	53.7	61.4	(-0.8)	75.5	9	41.0	7	5.45	17	..	..	1.73	29	..
Auckland ..	160	70.6	58.9	64.8	-1.4	78.3	10	53.3	7	3.98	17	+1.01	..	1.58	29	207.2
Waihi ..	404	70.3	55.6	63.0	-1.5	76.0	2, 9	42.0	13	11.31	15	+6.03	..	3.40	14	212.0
Te Aroha ..	46	74.1	56.2	65.2	-1.6	81.5	27	44.0	13	5.83	15	+2.30	..	1.85	29	..
Morrinsville ..	87	72.0	52.9	62.4	..	79.7	27	41.0	26	4.76	20	..	..	1.68	29	..
Tauranga ..	100	73.6	54.1	63.8	-0.2	80.0	22	40.9	13	5.83	17	+1.80	..	1.67	29	250.7
Ruakura Farm, Hamilton	131	70.5	52.2	61.4	-2.3	75.8	27	39.2	26	5.15	18	+1.63	..	1.65	29	242.2
Rotorua ..	925	71.6	53.5	62.6	-1.2	77.7	18	40.2	13	6.61	13	+2.43	..	2.18	5	220.5
Whakarewarewa ..	1,000	71.5	51.9	61.7	(-1.6)	78.1	3	37.2	13	6.25	12	+1.84	..	2.01	29	..
New Plymouth ..	60	68.2	54.7	61.4	-1.0	76.4	28	47.0	26	4.24	14	+0.06	..	1.04	21	240.6
Chateau Tongariro ..	3,670	57.4	32.6	45.0	(-7.1)	69.8	4	18.1	13	9.36	21	..	..	1.20	1, 16	..
Karioi ..	2,125	65.9	45.3	55.6	(-1.0)	74.5	1, 4	30.9	13	4.48	19	..	..	0.93	16	..
Napier ..	5	72.7	56.5	64.6	-0.5	87.8	22	47.5	13	4.69	14	+2.19	..	2.18	15	242.7
Hastings ..	45	75.4	54.4	64.9	(+1.1)	85.0	22	41.8	13	3.01	12	..	..	1.75	15	..
Taihape ..	2,157	64.5	49.0	56.8	-2.1	73.3	28	38.5	13	4.21	22	+1.05	..	1.25	1	..
Tangimoana ..	8	67.3	53.9	60.6	-1.9	77.0	1	42.2	27	3.62	13	+1.20	..	0.90	1	..
Palmerston North ..	100	68.8	54.4	61.6	-1.0	80.0	1	43.0	13	3.85	14	+0.88	..	0.75	9	..
Massey College, P.N. ..	110	67.1	54.5	60.8	(-1.3)	73.3	28	43.0	13	3.60	18	(+0.24)	..	0.71	9	200.8
Pahiatua ..	384	67.8	52.9	60.4	(-1.8)	76.0	1, 4	37.0	27	5.18	18	(+1.44)	..	0.90	9	..
Kapiti Island ..	44	66.2	56.2	61.2	-0.1	72.0	28	49.0	27	3.11	14	+0.43	..	0.73	15	..
Masterton ..	387	70.7	51.4	61.0	-2.2	82.4	28	37.6	13	4.14	12	+1.58	..	1.65	15	232.2
Wellington ..	415	65.8	53.5	59.6	-2.1	73.0	20	45.3	27	3.18	12	(+0.29)	..	1.26	15	231.6
Nelson ..	24	69.2	52.2	60.7	-1.8	74.1	20	44.2	12	2.09	7	-0.81	..	1.32	5	255.2
Appleby, Nelson ..	57	69.2	52.1	60.6	(-1.5)	75.0	14	43.3	13	2.58	9	..	..	1.56	5	..
Blenheim ..	30	73.3	51.2	62.2	(-2.0)	83.8	28	40.8	26	3.05	9	(+1.17)	..	1.49	5	275.9
Golden Downs ..	900	67.7	..	..	..	76.5	17	..	..	5.07	10	..	..	3.28	5	..
Waihopai ..	860	69.2	50.0	59.6	(-2.6)	83.6	28	41.0	13	3.93	10	..	..	2.38	5	..
Hanmer Springs ..	1,225	66.9	45.9	56.4	-3.1	83.2	28	29.6	13	2.14	15	-1.81	..	0.36	25	234.7
Balmoral ..	743	68.7	47.6	58.2	(-3.0)	83.5	28	33.0	12	1.66	12	..	..	0.55	17	..
Hokitika ..	12	64.3	50.8	57.6	-2.2	70.0	16	43.0	12	14.36	20	+4.26	..	4.38	5	205.5
Lake Coleridge ..	1,220	67.1	49.9	58.5	-1.2	77.8	28	34.0	12	3.37	13	+0.83	..	1.39	5	..
Rudstone, Methven ..	1,217	65.5	47.2	56.4	(-2.6)	78.0	28	36.0	12	4.91	13	+0.69	..	1.36	24	..
Christchurch ..	22	67.7	51.6	59.6	-1.8	77.5	29	39.5	12	2.08	12	-0.25	..	0.71	5	230.6
Lincoln ..	36	68.9	50.6	59.8	-1.8	81.0	29	38.7	12	2.35	9	+0.15	..	0.69	5	239.5
Hermitage, Mount Cook	2,510	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ashburton ..	323	67.6	47.4	57.5	(-2.1)	77.6	9	35.0	12	2.71	13	-0.05	..	1.32	5	199.3
Lake Tekapo ..	2,350	64.2	43.7	54.0	(-2.5)	76.6	21	31.8	12	2.29	10	..	..	0.94	5	272.7
Fairlie ..	1,000	67.7	46.5	57.1	(-1.3)	83.0	31	35.0	14	4.18	11	..	..	1.21	17	216.8
Timaru ..	56	69.5	50.3	59.9	-0.6	77.4	20	39.2	12	3.70	10	+1.31	..	1.20	5	224.8
Waimate ..	200	68.2	49.8	59.0	-0.1	78.0	20	40.2	12	2.64	9	-0.03	..	1.20	5	136.2
†Milford Sound ..	23	..	46.9	..	..	..	..	38.0	12	26.07	16	..	..	3.28	19	..
Queenstown ..	1,110	67.5	46.9	57.2	(-1.7)	80.6	16	38.8	12	3.86	12	+0.99	..	0.80	6	262.0
Ophir ..	1,000	68.8	46.5	57.6	-2.3	79.8	16	35.8	21	3.38	8	+1.40	..	2.11	2	..
Waipiata ..	1,550	66.3	45.4	55.8	-2.0	79.2	28	37.6	21	1.82	11	..	..	0.70	4	247.7
Alexandra ..	520	70.2	49.1	59.6	(-1.7)	82.0	16	41.2	13, 21	1.41	9	-0.56	..	0.49	5	247.4
Manorburn Dam ..	2,448	60.7	41.2	51.0	(-2.2)	72.0	16	33.2	12	2.11	12	-0.44	..	0.68	5	..
Dunedin ..	240	65.1	48.5	56.8	-1.5	73.0	9	42.0	12	3.31	16	-0.10	..	0.96	5	203.6
Gore ..	245	67.6	46.2	56.9	-1.0	79.0	3	39.0	18, 27	3.17	17	+0.11	..	0.77	5	198.2
Invercargill ..	12	64.7	47.3	56.0	-1.2	74.0	2	41.0	14	4.46	23	+0.46	..	0.60	5	193.2

LATE RETURNS.

Auckland, December, 1936	160	68.7	57.0	62.8	-0.4	76.3	26	48.0	18	3.61	8	+0.43	..	1.47	30	213.7
†Massey College, P.N., December, 1936	110	64.2	51.7	58.0	(-1.7)	78.4	16	42.0	18	3.47	11	(+0.11)	..	0.99	22	190.3
§Hermitage, Mount Cook, December, 1936	2,510	63.6	43.0	53.3	(+1.1)	75.0	13	31.0	17	4.58	12	-6.76	..	1.30	27	206.8

\* Maximum for 28 days only. † Minimum for 30 days only. ‡ Maximum, minimum, and sunshine for 30 days only. § Minimum for 29 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.