

On the 29th a tropical cyclone developed in the New Hebrides region, and, moving due south past Norfolk Island, was causing very disturbed weather in the North Tasman Sea at the end of the month. Strong north-easterly winds extended as far as North Auckland, and rain had commenced to fall in the north-west half of the North Island.

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CLIMATOLOGICAL TABLE.

SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL, AND SUNSHINE FOR DECEMBER, 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.		
Te Pahi, Te Hapua ..	200	73.8	55.5	64.6	(+2.9)	77.0	31	45.0	4.5	4.26	8	..	1.44	6	191.5
Waipoua State Forest..	225	73.4	53.8	63.6	(+3.3)	81.0	29, 31	45.0	5	2.89	10	..	1.32	31	244.9
Riverhead ..	105	73.1	49.7	61.4	(+2.1)	80.0	29	41.0	20	2.25	7	..	1.01	7	..
Auckland ..	160	73.8	60.9	67.4	+4.2	79.6	29	55.0	18	2.11	8	-1.07	1.04	7	297.3
Waihi ..	404	74.2	53.8	64.0	+1.9	79.0	14, 25	41.0	1	5.58	8	+0.22	2.20	7	272.2
Te Aroha ..	46	78.7	55.0	66.8	+3.3	8.74	29	45.5	6	3.79	9	+0.42	1.37	31	..
Tauranga ..	100	75.0	54.9	65.0	+3.4	81.6	27	44.5	1	6.54	9	+3.07	5.20	7	304.4
Ruakura Farm, Hamilton	131	75.1	50.5	62.8	+1.2	82.8	29	42.2	20	3.63	8	+0.47	1.69	7	249.1
Rotorua ..	925	77.7	54.2	66.0	+4.9	85.8	26	45.8	6	3.48	9	-0.17	2.31	7	254.3
Whakarewarewa ..	1,000	75.0	52.5	63.8	(+3.2)	83.7	23	43.2	6	3.90	9	+0.07	2.38	7	..
Gisborne ..	25	75.9	55.6	65.8	..	86.1	31	45.7	1	0.87	6	..	0.59	7	229.2
Onepoto, Lake Waikaremoana	2,110	67.9	53.0	60.4	..	78.5	27	43.7	1	4.06	14	..	1.39	7	..
New Plymouth ..	60	73.3	53.9	63.6	+3.7	81.0	1	50.0	2, 3, 4, 29	5.19	6	+0.98	1.48	8	230.0
Chateau Tongariro ..	3,670	65.3	44.5	54.9	(+6.2)	78.2	23	35.1	20	4.72	7	..	1.50	7	..
Karoi ..	2,125	69.8	45.5	57.6	(+4.1)	77.8	24	38.7	8	2.54	8	..	0.85	7	..
Napier ..	5	72.6	58.0	65.3	+2.8	84.2	25	49.0	1	1.57	8	-0.37	0.71	7	245.8
Hastings ..	45	76.5	53.8	65.2	(+4.0)	88.2	25	41.2	1	1.51	8	..	0.98	7	..
Taihape ..	2,157	70.3	51.6	61.0	+5.2	79.0	30	45.0	2	2.07	9	-1.19	0.86	7	..
Wanganui* ..	72	71.6	56.5	64.0	..	80.0	30	47.5	2	2.93	7	..	0.90	7	241.8
Tangimoana† ..	8	71.6	53.6	62.6	+2.2	79.5	31	41.0	1	1.48	9	-1.22	0.65	7	..
Palmerston North ..	100	76.0	55.4	65.7	+5.5	87.0	30, 31	49.0	1, 20	3.01	7	+0.03	0.89	17	..
Massey College, P.N. ..	110	71.9	5.53	63.6	(+3.9)	80.1	30	47.8	1	3.15	8	(-0.21)	1.14	17	194.2
Pahiatua ..	384	72.2	54.6	63.4	(+3.0)	82.0	30	44.0	24	4.22	9	(-0.57)	2.58	17	..
Kapiti Island ..	44	69.1	57.1	63.1	+4.0	77.0	30	50.0	1, 2	3.09	10	+0.01	1.36	8	..
Masterton ..	387	77.2	50.9	64.0	+3.4	92.0	24	38.4	1	1.91	9	-0.86	0.97	7	251.0
Wellington ..	415	68.4	55.0	61.7	+2.3	76.0	30	49.2	2	3.18	12	(+0.25)	0.84	16	226.3
Nelson ..	24	71.5	55.1	63.3	+2.7	78.0	23	47.9	5	3.11	8	+0.15	1.09	16	228.4
Appleby, Nelson‡ ..	57	71.9	54.8	63.4	(+3.2)	79.8	21	46.4	5	2.37	10	..	0.73	16	..
Blenheim ..	30	75.9	54.1	65.0	(+2.8)	93.5	25	40.2	2	2.14	8	+0.41	0.48	7, 11	236.2
Golden Downs ..	900	72.3	49.8	61.0	(+3.8)	80.5	27	40.8	18	2.37	6	..	0.62	15	..
Waihopai ..	860	75.0	51.3	63.2	(+3.2)	89.0	24	42.8	30	3.07	12	..	0.68	16	..
Hanmer Springs ..	1,225	71.8	48.9	60.4	+2.9	87.9	24	36.0	5	4.21	15	+0.41	0.83	10	166.6
Balmoral ..	743	73.0	51.0	62.0	(+2.8)	89.0	24	41.0	5, 8, 30	3.20	11	..	0.72	10	..
Westport ..	23	65.8	56.0	60.9	..	72.0	30	48.0	5	6.07	11	..	1.31	16	170.2
Hokitika ..	12	67.5	54.8	61.2	+3.6	74.0	29	47.0	5	8.18	17	+2.19	2.72	15	132.2
Lake Coleridge ..	1,220	70.2	49.7	60.0	+2.0	83.0	23	43.0	9	4.38	12	+1.95	2.26	16	..
Rudstone, Methven ..	1,217	67.1	50.0	58.6	(+1.6)	82.0	24	40.0	27	5.82	18	+2.01	1.90	16	139.8
Christchurch ..	22	66.6	53.6	60.1	+0.3	91.0	24	47.4	4	5.08	13	+2.62	1.33	16	114.8
Lincoln ..	36	67.4	51.7	59.6	-0.1	88.8	24	41.0	8	5.49	13	+3.32	1.28	16	147.5
Onawe, Duvachelle's Bay	150	68.2	53.1	60.6	..	88.0	24	44.0	4	4.75	16	..	1.28	16	..
Hermitage, Mount Cook	2,510	66.2	47.7	57.0	(+4.8)	82.5	1	39.9	4	11.11	11	-0.23	4.41	27	135.5
Ashburton ..	323	66.3	51.8	59.0	(+1.0)	82.1	23	44.7	4	6.18	16	+3.47	2.04	16	115.5
Lake Tekapo§ ..	2,350	67.8	47.0	57.4	(+2.4)	80.2	24	37.5	26	3.55	11	..	1.37	16	171.8
Fairlie ..	1,000	66.9	48.9	57.9	(-0.7)	86.0	24	43.0	23	4.13	12	..	1.94	16	117.7
Timaru ..	56	65.7	52.7	59.2	+0.6	77.4	24	46.0	3, 4	6.78	16	+4.36	2.22	16	103.5
Waimate ..	200	65.5	51.9	58.7	+1.2	83.0	24	46.0	14	5.86	24	+3.04	1.14	16	81.8
Milford Sound ..	23	61.4	52.2	56.8	..	72.0	17	44.5	26	17.07	18	..	3.50	22	..
Queenstown ..	1,110	72.5	50.8	61.6	(+3.9)	83.0	1	44.2	26	1.74	12	-0.77	0.52	27	203.0
Ophir ..	1,000	72.1	50.2	61.2	+2.8	86.9	1	42.2	3	3.02	10	+1.48	0.55	14	..
Waipiata ..	1,550	69.1	..	..	..	80.8	30	..	..	3.09	12	..	0.60	15	189.2
Alexandra ..	520	72.2	52.0	62.1	(+2.2)	85.5	24	45.5	3	1.88	14	(+0.47)	0.37	15	201.2
Manorburn Dam ..	2,448	64.0	44.8	54.4	(+3.1)	77.0	1	36.5	29	2.83	15	+0.65	0.46	26	..
Dunedin ..	240	64.8	50.4	57.6	+1.5	88.0	24	44.3	3	4.15	17	+0.68	1.51	16	119.8
Gore ..	245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Invercargill ..	12	67.7	49.1	58.4	+3.0	81.0	24	41.0	4, 18	3.96	13	-0.04	2.32	24	200.4

LATE RETURNS.

Tangimoana, Nov., 1937	8	66.2	49.4	57.8	+1.0	79.5	30	38.5	11	1.78	9	-1.23	0.50	24, 25	..
Appleby, Nelson, Nov., 1937	57	68.4	49.5	59.0	(+2.5)	74.1	6	41.6	11	2.12	6	..	0.73	16	..
Invercargill, Nov., 1937	12	61.0	45.4	53.2	+0.5	74.5	30	38.0	5	2.56	16	-1.72	1.00	16	197.3

\* Wanganui observations for 29 days only, sunshine complete. † Tangimoana observations for 30 days only. ‡ Appleby, Nelson, maximum temperature for 30 days only. § Lake Tekapo observations for 30 days only, sunshine complete.

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.