

13th. On the 14th there was an extraordinary heavy downpour accompanying a thunderstorm at Admiralty Bay, Pelorous Sound. This resulted in the destruction of several buildings and some grass paddocks. On the 17th severe thunderstorms and very heavy rain occurred in the Waikato and Rotorua areas.

The next depression on the west coast appeared on the 20th to 21st. There was again almost general rain with many very heavy falls from Taranaki and Wellington southward to Canterbury and Westland. An exceptionally heavy local fall was responsible for flooding and severe damage at Pohangina. This depression appeared to have passed completely away when another developed to the north, on the front associated with it, on the 23rd. The second depression, moving almost due south and deepening as it went, passed along the east coast of the North Island and was responsible for the phenomenal rains and floods of the Anzac Day week-end in Hawke's Bay. The total rain produced by the storm amounted in places to over 40 inches. In the Wairarapa, also, there were extremely heavy falls. Easterly to south-easterly gales blew on the east coast of the North Island from the 24th to the 26th.

The last depression moved rapidly down the west coast of the Dominion on the 28th to 29th. Heavy rains were again widespread. This storm brought some relief to the portions of Southland which have been suffering from drought.

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CLIMATOLOGICAL TABLE.

SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL, AND SUNSHINE FOR APRIL, 1938.

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.	In.	In.	In.	In.				
Te Pahi, Te Hapua ..	200	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
"Ramote," Kerikeri ..	400	73.1	61.0	67.0	..	..	..	..	..	..	..	..	1.33	28	..	..
Waipoua State Forest ..	225	74.2	58.4	66.3	(+7.7)	81.0	4, 5	47.0	19	4.51	13	..	1.17	28	143.7	..
Riverhead ..	105	72.0	56.5	64.2	(+6.7)	77.0	4	42.0	19	5.27	20	..	0.99	2	..	..
Hobsonville ..	40	73.2	61.8	67.5	..	78.9	5	50.4	19	5.41	17	..	1.43	13	..	..
Auckland ..	160	73.4	63.3	68.4	+7.3	79.2	4	55.0	27	7.38	17	+3.50	2.35	5	146.2	..
Waihi ..	404	70.3	56.9	63.6	+6.3	76.0	14, 15	45.0	19	12.69	20	+5.60	3.33	28	82.2	..
Wharekawa Nursery, Whangamata	50	72.5	58.9	65.7	..	77.2	15	48.0	19	11.22	18	..	3.42	23	..	..
Te Aroha ..	46	74.3	58.2	66.2	+7.8	80.3	6	45.0	19, 27	13.95	17	+9.41	5.10	2	..	..
Tauranga ..	100	72.0	57.8	64.9	+6.9	79.0	1	47.9	10	10.14	20	+5.44	2.34	13	111.2	..
Ruakura Farm, Hamilton	131	73.4	56.0	64.7	+7.5	81.0	5	42.8	19	4.92	14	+1.18	0.89	16	134.1	..
Rotoehu Plantation ..	235	71.0	55.9	63.4	..	78.5	1	43.0	28	10.84	18	..	2.93	4	..	..
Rotorua ..	925	71.6	56.5	64.0	+8.2	83.0	1	47.4	28	18.22	20	+13.81	6.70	4	96.4	..
Whakarewarewa ..	1,000	70.4	55.1	62.8	(+7.5)	77.0	1	45.1	11	19.17	17	+14.75	5.93	4	..	..
Gisborne* ..	25	71.8	58.9	65.4	..	80.0	14	44.3	11	8.15	19	..	3.59	24	113.6	..
Onepoto, Lake Waikaremoana	2,110	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
New Plymouth ..	60	72.3	58.5	65.4	+7.3	83.2	4	49.4	1	6.80	17	+2.21	1.89	13	135.1	..
Chateau Tongariro ..	3,670	61.3	48.5	54.9	(+9.0)	71.3	2	39.9	18	11.63	19	..	2.99	14	..	..
Karioi ..	2,125	64.4	49.2	56.8	(+6.7)	80.0	2	37.5	28	10.24	20	..	2.28	24	..	..
Napier ..	5	69.8	58.3	64.0	+5.2	82.5	7	46.4	10	14.05	18	+11.69	6.66	24	100.6	..
Hastings ..	45	72.2	56.7	64.4	(+7.6)	83.2	7	42.0	10	13.39	19	..	7.65	24	..	..
Taihape ..	2,157	65.7	53.2	59.4	+7.0	76.2	4	45.4	19	5.77	19	+2.99	1.41	24	..	..
Wanganui ..	72	70.4	57.7	64.0	..	88.0	3	46.6	10	7.27	21	..	1.69	21	105.0	..
Tangimoana ..	8	70.1	55.3	62.7	+5.9	88.0	3	44.5	10, 11	6.05	20	+3.08	1.10	5	..	..
Palmerston North ..	100	69.6	56.7	63.2	+6.0	81.0	3	44.0	11	8.01	21	+4.90	1.43	5	..	..
Massey College, P.N. ..	110	68.8	57.0	62.9	(+6.2)	79.1	3	46.5	11	5.57	21	(+2.06)	1.14	24	91.2	..
Pahiatua ..	384	67.7	55.4	61.6	(+6.4)	77.2	3, 14	39.0	10	10.52	19	(+6.14)	2.24	5	..	..
Kapiti Island ..	44	67.7	58.2	63.0	+6.2	78.0	1, 3	50.0	10	4.64	19	+0.93	0.93	13	..	..
Masterton ..	387	67.6	53.7	60.6	+5.2	85.8	5	36.2	10	9.80	25	+6.75	1.41	13	83.2	..
Wellington ..	415	65.4	54.4	59.9	+3.7	81.1	3	45.7	10	7.12	20	(+3.48)	1.72	7	86.6	..
Nelson ..	24	69.2	55.5	62.4	+6.1	80.5	3	47.1	10	5.34	16	+2.24	1.28	12	125.4	..
Appleby, Nelson	57	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Blenheim ..	30	68.0	52.2	60.1	(+3.4)	83.5	3	39.8	10, 11	4.13	16	+2.27	1.18	13	92.1	..
Golden Downs ..	900	66.8	48.9	57.8	(+5.5)	78.4	3	39.4	19	8.77	15	..	1.80	8	..	..
Waihopai ..	860	66.5	49.5	58.0	(+3.3)	82.6	3	41.0	10	5.99	20	..	1.07	13, 29	..	..
Westport ..	23	69.2	57.1	63.2	..	82.7	3	49.8	27	6.73	17	..	1.80	13	122.9	..
Hanmer Springs ..	1,225	64.0	44.7	54.4	+3.0	80.6	2	36.1	27	6.85	16	+3.58	1.11	12	83.5	..
Balmoral ..	743	65.1	46.8	56.0	(+2.9)	81.1	2, 3	33.8	11	6.13	15	..	1.92	13	..	..
Hokitika ..	12	67.7	53.7	60.7	+6.5	74.5	1	43.5	27	13.90	17	+4.44	3.18	13	121.8	..
Lake Coleridge ..	1,220	64.4	46.7	55.6	+2.9	79.0	5	34.5	14	8.11	17	+5.29	2.47	13	..	..
Christchurch ..	22	62.1	52.3	57.2	+3.7	74.3	7	43.4	10	4.95	21	+3.20	1.71	13	80.4	..
Wigram Aerodrome, Sockburn	74	62.9	51.3	57.1	..	74.9	11	41.4	10	4.38	17	..	1.54	13	..	..
Rudstone, Methven ..	1,217	60.7	47.6	54.2	(+2.0)	75.0	5, 11	36.0	14	9.91	21	+7.12	2.27	21	80.1	..
Lincoln ..	36	63.7	51.0	57.4	+3.4	75.8	11	41.6	27	4.33	16	+2.44	1.39	13	76.3	..
Onawe, Duvauchelle's Bay	150	64.0	55.5	59.8	..	75.1	3	44.0	23	7.13	18	..	1.92	13	..	..
Hermitage, Mount Cook	2,510	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ashburton ..	323	61.0	48.3	54.6	(+2.3)	72.7	11	36.2	10	6.72	21	+4.46	1.56	13	57.2	..
Lake Tekapo ..	2,350	59.3	42.8	51.2	(+2.4)	75.6	17	33.6	30	5.78	13	..	1.72	13	111.3	..
Jacksons Bay ..	22	64.5	53.9	59.2	..	68.9	7	46.2	30	24.57	17	..	4.17	12	..	..
Fairlie ..	1,000	60.3	45.1	52.7	(+1.6)	77.0	11	32.1	11	7.21	19	..	1.61	21	58.7	..
Timaru ..	56	60.9	49.8	55.4	+2.3	68.4	6	40.4	10	6.17	19	+4.60	1.08	21	68.1	..
Waimate ..	200	61.3	48.9	55.1	+2.8	71.5	12	40.0	10	6.84	19	+5.16	1.49	21	63.4	..
Milford Sound† ..	23	56.7	47.9	52.3	..	68.0	6, 7, 8	39.0	9	18.48	13	..	3.93	4	..	..
Queenstown ..	1,110	63.0	46.8	54.9	(+3.9)	75.4	7	40.2	25	2.79	11	-0.29	0.59	14	137.4	..
Ophi ..	1,000	63.7	43.0	53.4	+3.7	76.9	11	31.4	24	4.06	11	+2.56	1.02	14	..	..
Waipiata‡ ..	1,550	63.8	45.3	54.6	+4.7	77.8	11	32.2	10	3.71	11	..	1.40	14	140.2	..
Alexandra ..	520	63.9	46.0	55.0	+3.7	78.0	11	35.5	24	3.56	11	(+2.09)	1.53	14	148.5	..
Manorburn Dam ..	2,448	59.0	40.6	49.8	(+4.4)	70.0	1	32.5	23	3.58	11	+1.61	1.21	14	..	..
Dunedin ..	240	61.9	49.4	55.6	+3.2	72.1	12	43.0	23	4.23	14	+1.46	1.67	14	106.0	..
Gore ..	245	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Invercargill ..	12	63.4	44.0	53.7	+2.8	75.0	1	32.0	23, 24	0.70	11	-3.54	0.18	29	117.6	..

* Gisborne observations for 29 days only, rainfall and sunshine complete.

† Milford Sounds observations for 29 days only.

‡ Waipiata minimum temperature for 29 days only.

ERRATUM.—Taihape rainfall for February, 1938, should read 3.44 inches.

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.