

Conditions became unsettled in the west when a new disturbance reached the South Island on the 24th. This was followed by a low-pressure trough, which resulted in fresh south to south-west winds with dull and showery weather. After a short clearance there was an outbreak of southerly gales and cold, showery weather. Snow fell on the ranges of both Islands. Winds soon moderated, however, and although skies continued rather cloudy, the arrival of the next anticyclone gave a more settled type of weather.

M. A. F. BARNETT, Director.

CLIMATOLOGICAL TABLE.

SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL, AND SUNSHINE FOR APRIL, 1940.

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.			In.		In.			
Te Pahi, Te Hapua ..	200	..	..	..	..	..	..	..	..	..	..	..	..	..
"Ramote," Kerikeri ..	400	..	..	..	..	..	..	..	..	..	..	..	..	..
Waipoua State Forest ..	225	64.6	45.4	55.0	-5.3	71.0	6	35.0	24	4.75	19	..	1.56	18	157.0
Riverhead ..	105	64.1	42.0	53.0	-4.8	70.5	6	30.0	24	5.80	15	..	2.35	27	..
Auckland ..	160	64.3	51.4	57.8	-3.6	71.6	1	42.8	29	3.08	11	-0.80	1.20	12	184.8
Maioro ..	172	63.1	46.6	54.8	..	67.5	1	31.5	24	2.93	15	..	0.72	18	..
Waihi ..	404	62.3	44.0	53.2	-4.4	69.5	1	32.0	25	4.78	13	-2.31	2.16	12	165.2
Wharekawa Nursery, Whangamata	50	64.3	45.1	54.7	(-4.7)	73.0	1	35.0	5	7.27	15	..	3.59	12	..
Te Aroha ..	46	65.6	42.9	54.2	-4.7	72.5	1	31.5	29	3.51	11	-1.03	1.00	12	..
Tauranga ..	100	65.2	44.9	55.0	-3.4	73.0	12	33.5	29	2.94	11	-1.76	1.50	12	181.6
Ruakura Farm, Hamilton	131	63.6	40.3	52.0	-5.6	70.2	1	28.0	29, 30	1.54	13	-2.20	0.31	12	159.4
Rotoehu Plantation ..	235	64.5	38.6	51.6	(-3.9)	70.5	1	28.2	5, 24	3.13	10	..	0.83	12	..
Rotorua ..	931	64.8	42.9	53.8	-2.5	76.6	1	33.0	24	2.39	12	-2.02	0.71	12	170.3
Whakarewarewa ..	1,000	62.9	41.0	52.0	-3.2	73.3	1	30.0	30	2.30	7	-2.12	0.72	12	..
Gisborne ..	25	63.6	46.1	54.8	(-4.7)	80.0	1	30.8	5	6.16	19	..	1.37	12	135.8
Onepoto, Lake Waikaremoana	2,110	64.8	43.6	49.2	-5.2	68.9	1	36.2	24	5.76	18	..	1.18	12	..
New Plymouth ..	190	61.1	48.4	54.8	-4.0	65.8	1	37.0	28	4.05	10	-0.54	2.04	15	158.3
Chateau Tongariro ..	3,670	49.0	35.0	42.0	(-5.2)	61.9	1	28.2	23	6.18	15	..	1.05	6	..
Dawson Falls ..	3,100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kariori ..	2,125	56.9	34.5	45.7	-5.2	67.3	2	25.6	24	3.32	20	..	0.94	18	..
Napier ..	5	62.9	44.8	53.8	-5.0	81.8	1	35.2	30	2.81	14	+0.45	0.95	12	138.2
Hastings ..	45	65.0	42.4	53.7	-4.0	84.0	1	31.0	5	2.43	14	..	0.61	12	..
Taihape ..	2,157	54.8	41.0	47.9	-4.9	66.2	16	32.0	4	3.30	14	+0.52	0.77	18	..
Wanganui ..	72	60.7	46.0	53.4	(-5.5)	71.0	2	36.7	21	1.64	11	..	0.70	9	148.8
Tangimoana ..	8	61.9	44.4	53.2	-4.3	68.0	1	33.0	4	1.54	13	-1.43	0.37	9	..
Palmerston North ..	100	61.0	44.8	52.9	-4.6	70.0	1	32.0	4	1.79	12	-1.32	0.66	26	..
Massey College, P.N. ..	110	60.0	44.3	52.2	-5.1	68.5	1	30.8	4	2.20	15	(-1.31)	0.80	26	127.9
Pahiatua ..	384	59.8	42.6	51.2	-5.1	67.6	1	27.4	4	2.46	17	(-1.92)	0.76	26	..
Kapiti Island ..	44	58.4	49.0	53.7	-3.5	64.0	7	41.0	29	3.02	12	-0.69	1.60	9	..
Masterton ..	387	61.9	40.5	51.2	-4.5	78.1	2	28.0	4	3.20	18	+0.15	0.73	18	140.9
Wallaceville ..	195	59.0	43.1	51.0	..	65.0	1, 16	28.6	4	3.91	16	..	1.01	18	139.7
Wellington ..	415	57.6	47.3	52.4	-3.4	66.8	7	39.4	23	5.58	16	+1.94	2.05	9	142.5
Nelson ..	24	62.3	45.0	53.6	-3.2	70.1	1	37.0	24	2.75	10	(-0.35)	1.45	9	202.4
Appleby, Nelson ..	57	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Blenheim ..	30	62.5	42.1	52.3	(-4.0)	77.8	1	33.0	29	2.33	11	(+0.47)	1.16	9	181.8
Golden Downs ..	900	60.7	38.4	49.6	-3.1	74.5	4	29.2	29	2.60	13	..	0.56	9	..
Waihopai ..	860	61.9	39.9	50.9	-3.6	74.8	1	30.6	29	2.19	9	..	1.00	26	..
Westport ..	23	58.1	45.6	51.8	(-4.1)	65.0	19	40.5	29	8.50	14	..	1.32	16	163.1
Hanmer Springs ..	1,225	58.7	38.6	48.6	-3.2	74.7	1	26.0	4	7.97	17	+4.70	1.38	9	127.2
Balmoral ..	743	57.6	40.2	48.9	-4.3	74.0	1	27.0	4	4.02	14	..	0.79	9	..
Hokitika ..	12	59.7	43.1	51.4	-3.1	68.0	19	36.5	4	5.92	12	-3.54	1.93	1	161.0
Lake Coleridge ..	1,220	57.1	39.4	48.2	-4.8	68.5	25	29.0	14, 23	4.20	10	+1.38	1.15	1	..
Darfield ..	640	59.3	41.3	50.3	(-3.7)	78.0	6	31.0	4, 14	3.23	15	..	0.67	18	..
Christchurch ..	22	57.2	43.2	50.2	-3.4	74.3	6	31.8	4	2.41	17	+0.66	0.68	1	137.7
Wigram Aerodrome, Sockburn	74	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rudstone, Methven ..	1,217	55.6	42.2	48.9	-3.7	68.5	6	33.1	27	6.08	17	+3.29	1.34	12	142.4
Lincoln ..	36	58.7	43.6	51.2	-2.9	77.0	6	33.3	22	3.26	10	+1.37	1.50	18	147.0
Akaroa (Onawe, Duvau-chelle's Bay)	150	58.1	45.6	51.8	(-4.4)	74.9	6	30.9	22	5.53	19	..	1.65	11	120.8
Hermitage, Mount Cook	2,510	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ashburton ..	323	57.5	42.4	50.0	-2.3	74.9	25	31.7	14	3.37	14	+1.11	0.75	11	111.4
Lake Tekapo ..	2,350	55.0	36.5	45.8	-3.4	65.5	6	27.2	27	0.83	8	..	0.26	17	151.9
Jacksons Bay ..	22	57.5	43.7	50.6	-3.2	66.4	18	36.8	3	11.64	13	..	3.59	5	..
Fairlie ..	1,000	57.9	38.4	48.2	-2.7	74.5	6	28.0	23	3.11	12	..	0.67	17	136.5
Timaru ..	56	60.1	43.2	51.6	-1.7	75.4	25	30.4	22	2.41	12	+0.84	0.69	12	138.5
Waimate ..	200	58.6	43.6	51.1	-1.6	73.0	6, 25	35.0	23	2.92	16	+1.24	0.73	1	129.1
Milford Sound ..	20	57.4	41.3	49.4	(-1.0)	65.3	18	34.9	30	17.79	13	..	7.54	25	..
Queenstown ..	1,110	55.3	39.4	47.4	-4.1	65.2	6	32.8	27	1.83	10	-1.25	0.86	25	126.3
Ophi ..	1,000	56.1	35.9	46.0	-4.3	68.2	6	25.1	22	0.85	8	-0.65	0.35	25	..
Waihiata ..	1,550	54.1	36.8	45.4	-5.1	65.6	25	29.2	22	1.70	10	..	0.44	11	142.5
Alexandra ..	520	57.2	39.2	48.2	-3.5	70.2	6	27.8	22	0.99	8	-0.88	0.25	25	141.5
Manorburn Dam ..	2,448	49.3	32.8	41.0	-5.0	59.0	6	25.2	27	0.92	11	-1.05	0.40	25	..
Dunedin ..	240	56.3	43.9	50.1	-2.7	65.8	15	36.8	8	2.19	16	-0.58	0.55	11	111.5
Gore ..	245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Invercargill ..	12	57.0	40.6	48.8	-2.3	66.0	24, 25	31.0	22	2.66	21	..	0.70	2	101.0
Invercargill (City Engineer)	10	56.1	41.3	48.7	..	64.0	13	32.9	21	2.48	18	-1.58	0.45	2	..
LATE RETURNS.															
Wanganui, March, 1940	72	65.6	50.9	58.2	(-3.5)	72.0	2	42.2	12	1.10	10	..	0.45	1	201.6
Wigram Aerodrome, Sockburn, March, 1940	74	67.8	46.1	57.0	(-1.0)	82.7	15	35.1	23, 27	0.56	3	..	0.30	3	..

NOTE.—All 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.