

CLIMATOLOGICAL TABLE.
SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL, AND SUNSHINE FOR JULY, 1942.

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.			
Te Pahi, Te Hapua ..	200	61.3	48.6	55.0	(+2.6)	67.0	3	31.0	10	9.82	20	..	2.58	27	130.0
Waipoua State Forest..	225	59.9	44.6	52.2	+2.9	68.0	4, 12	31.0	10	8.36	22	(+0.88)	1.21	1	97.7
Riverhead ..	105	56.9	42.9	49.9	+1.7	65.0	4	25.0	17	5.84	24	..	1.52	28	..
Auckland ..	160	57.4	47.8	52.6	+1.3	65.0	4	37.2	17	6.74	22	+0.99	2.38	28	114.9
Maioro ..	172	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Waihi ..	404	57.6	43.1	50.4	+3.0	67.0	5	26.0	17, 20	7.63	18	-2.27	2.68	28	83.5
Wharekawa Nursery, Whangamata	50	59.5	43.2	51.4	(+2.2)	70.5	5	29.0	10, 17	9.42	19	..	3.32	28	..
Te Aroha ..	46	58.3	42.8	50.6	+2.0	67.0	5	26.0	17, 18	4.13	18	-2.57	1.00	29	..
Tauranga ..	10	58.9	42.8	50.8	+2.3	73.0	5	29.0	17	4.62	17	-0.40	1.05	21	146.2
Ruakura Farm, Hamilton	131	56.6	41.1	48.8	+1.9	65.8	5	24.8	17	4.58	20	-0.38	0.90	28	98.2
Rotoehu Plantation ..	235	57.4	39.7	48.6	(+3.2)	65.0	22	24.2	17	7.00	13	..	2.72	1	..
Rotorua ..	931	56.4	41.1	48.8	+3.1	64.4	5	21.3	31	6.56	16	+1.63	2.21	1	114.0
Whakarewarewa ..	1,000	55.4	37.1	46.2	+1.3	64.5	5	23.4	31	6.77	13	+2.22	1.80	2	..
Gisborne ..	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Oнежno, Lake Waikaremoana	2,110	49.3	39.9	44.6	(+2.7)	59.9	22	30.7	31	10.47	19	+1.07	3.13	25	..
New Plymouth ..	190	55.2	44.8	50.0	+1.2	61.1	2	31.1	27	8.97	20	+2.66	1.27	21	106.5
Chateau Tongariro ..	3,670	44.1	33.2	38.6	+3.5	58.0	1	21.0	9	18.45	15	..	2.26	1	..
Karioi ..	2,125	48.9	35.6	42.2	+3.1	60.0	13	20.2	28	6.88	26	+2.42	1.33	4	..
Napier ..	5	58.1	40.0	49.0	+2.3	73.5	5	32.5	27, 28	3.09	15	-0.57	0.85	28	139.3
Hastings ..	45	57.6	40.0	48.8	+3.9	75.0	5	28.0	18	2.20	15	(-1.44)	0.56	28	..
Taihape ..	2,157	48.4	38.0	43.2	+1.8	59.8	5	28.0	28	4.82	24	+1.86	1.01	4	..
Wanganui ..	72	54.9	43.3	49.1	(+1.9)	66.3	5	28.8	28	5.21	20	+1.96	0.88	13	101.4
Tangimoana ..	8	55.0	42.1	48.6	+2.4	62.0	3, 5, 12	30.0	27	6.38	19	+3.48	1.50	13	..
Ohakea ..	167	54.4	43.1	48.8	..	65.0	5	30.2	28	5.82	20	..	1.32	13	..
Plant Research Bureau, Palmerston North	110	53.6	43.1	48.4	+3.0	63.5	5	30.0	9	5.46	21	+2.20	0.93	13	65.5
Pahiatua ..	384	52.9	40.6	46.8	+2.6	64.0	5	27.2	9	11.57	22	+6.67	3.43	13	..
Kapiti Island ..	44	53.4	45.9	49.6	+1.8	59.0	4	38.0	9, 16	9.69	18	+5.87	2.34	12	..
Masterton ..	372	53.4	38.8	46.1	+1.8	68.3	2	28.0	9	6.23	22	+1.94	2.48	13	82.5
Wallaceville ..	195	52.8	40.6	46.7	..	62.0	3, 4	27.0	20	10.19	21	(+5.03)	2.15	12	71.2
Wellington ..	415	51.4	43.5	47.4	+1.0	59.7	23	34.3	16	10.14	23	+5.27	..	..	70.9
Nelson ..	24	55.2	38.5	46.8	+1.5	65.5	3	29.5	31	5.26	12	+1.86	2.30	12	141.3
Appleby, Nelson ..	57	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Blenheim ..	60	53.7	34.7	44.2	(+0.4)	66.9	3	23.8	30	5.45	12	(+2.78)	2.10	12	143.2
Woodbourne Aerodrome	89	54.4	37.3	45.8	..	67.5	3	27.2	30	5.71	12	..	2.56	12	..
Golden Downs ..	900	50.4	31.4	40.9	+0.0	60.0	3	18.4	27	6.26	13	..	2.18	12	..
Waihopai ..	860	53.3	34.2	43.8	+1.7	64.0	3	20.2	27	5.15	12	(+2.45)	2.71	12	..
Westport ..	23	53.3	41.8	47.6	(+0.5)	58.0	2	34.0	27, 30, 31	12.41	20	+5.90	3.65	12	140.9
Hanmer Springs ..	1,225	49.6	31.3	40.4	+1.8	65.2	2	16.0	27	6.24	14	+1.89	1.36	13	76.8
Balmoral ..	743	51.4	32.7	42.0	+1.8	67.5	2	19.7	9	3.95	13	+1.87	1.42	12	..
Hokitika ..	12	53.8	36.5	45.2	+0.5	59.0	1, 2	27.0	31	13.56	16	+4.79	2.55	12	124.4
Lake Coleridge ..	1,220	49.4	32.5	41.0	+1.9	62.7	2	18.5	27	5.60	14	+2.67	1.32	12	..
Darfield ..	640	50.0	31.4	40.7	(-0.3)	64.6	2	20.5	27	2.21	8	+0.02	0.75	12	..
Christchurch ..	22	50.5	35.3	42.9	+0.6	66.4	2	27.7	17	3.25	15	+0.39	0.60	4	119.6
Wigram Aerodrome, Sockburn	74	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rudstone, Methven ..	1,217	49.2	36.4	42.8	+1.8	62.0	2	25.5	27	3.35	14	+0.46	0.90	12	113.9
Lincoln* ..	36	51.8	36.3	44.0	+1.3	68.6	2	25.7	27	3.27	15	+0.39	0.73	30	84.6
Akaroa (Onawe, Duvau-chelle's Bay)	150	51.5	39.7	45.6	(+0.6)	67.3	3	33.0	20	4.04	13	..	0.93	30	105.0
Hermitage, Mount Cook	2,510	44.3	28.8	36.6	+3.1	58.0	10	18.5	26	14.17	13	+5.88	3.93	2	85.7
Ashburton ..	323	51.9	32.3	42.1	+1.7	69.4	2	20.2	27	1.29	13	-1.48	0.43	14	120.5
Lake Tekapo ..	2,350	44.8	28.2	36.5	+2.7	61.2	2	18.6	31	1.85	7	..	0.44	5	141.9
Jacksons Bay ..	22	51.7	38.2	45.0	-0.2	57.4	2	31.2	25, 26	12.64	13	..	2.34	17	..
Fairlie ..	1,000	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Timaru ..	56	51.7	32.0	41.8	+0.4	65.0	18	23.4	27	1.37	6	-0.41	0.71	29	143.4
Waimate ..	200	52.0	33.9	43.0	+1.0	64.0	2	25.0	26, 27	1.00	8	-0.99	0.30	4	142.7
Milford Sound ..	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Queenstown ..	1,110	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ophir ..	1,000	47.1	27.2	37.2	+3.0	62.2	2	14.8	26	0.79	9	+0.01	0.16	4	..
Waipiata ..	1,550	44.4	29.8	37.1	+1.2	61.6	2	18.5	26	0.80	13	(-0.29)	0.20	4	139.9
Alexandra ..	520	48.1	27.0	37.6	+1.0	64.8	2	16.0	26	0.67	10	+0.02	0.19	4	138.3
Manorburn Dam ..	2,448	41.2	24.1	32.6	+2.3	54.2	2	11.0	25	1.23	11	+0.23	0.23	6	..
Dunedin ..	240	51.2	36.6	43.9	+0.8	66.9	2	27.8	25	3.36	11	+0.30	0.85	15	..
Dunedin (Beta Street Reservoir)	690	49.1	37.3	43.2	..	64.5	2	29.5	26	3.07	16	..	0.69	15	119.1
Gore ..	245	50.3	30.6	40.4	+1.3	60.0	2	23.0	25	2.58	16	+0.50	0.53	15	141.3
Invercargill ..	12	49.9	34.1	42.0	+0.7	63.0	2	25.0	26, 27	2.41	18	-0.84	0.40	23	91.7
Invercargill (City Engineer)	8	50.5	33.8	42.2	..	62.0	2	29.0	25, 29	2.89	20	..	0.60	22	..
LATE RETURNS.															
Maioro, May, 1942 ..	172	62.7	48.2	55.4	..	76.4	6	36.0	30	4.52	19	..	0.92	11	..
Maioro, June, 1942 ..	172	59.2	39.8	49.5	..	65.9	19	30.9	16	1.51	6	..	0.80	4	..
Akaroa (Onawe, Duvau-chelle's Bay), May, 1942	150	58.1	45.8	52.0	(+1.2)	79.1	5	36.7	29	12.53	17	..	4.40	24	80.1

* Lincoln observations for twenty-eight 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.