

CLIMATOLOGICAL TABLE.

SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL, AND SUNSHINE FOR SEPTEMBER, 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.
Te Pahi, Te Hapua ..	200	62.3	50.1	56.2	(+1.9)	67.0	17	36.0	7	4.53	14	..	1.51	2	194.1
Waipoua State Forest..	225	62.1	45.1	53.6	+1.4	71.0	17	34.0	12	7.00	22	(+1.64)	1.53	2	153.0
Riverhead ..	105	61.2	43.8	52.5	+1.8	69.0	17	28.0	12	5.38	24	..	0.83	3	..
Auckland ..	160	61.7	49.7	55.7	+1.3	70.0	17	39.0	12	4.57	23	+0.54	0.81	2	..
Maioro ..	172	60.3	45.7	53.0	..	69.9	16	32.0	12	5.17	22	..	0.53	8	..
Waihi ..	404	61.7	44.3	53.0	+1.1	69.0	17	33.0	7	8.08	23	+1.28	2.95	2	171.8
Wharekawa Nursery, Whangamata	50	63.6	44.6	54.1	(+1.2)	70.0	17	32.5	12	6.97	21	..	3.45	2	..
Te Aroha ..	46	62.6	44.5	53.6	+0.4	67.0	17, 18	33.0	12	5.87	21	+1.07	1.22	2	..
Tauranga ..	10	62.4	45.0	53.7	+1.3	74.1	29	32.7	12	5.18	17	+0.95	1.97	2	190.2
Ruakura Farm, Hamilton	131	60.8	42.9	51.8	+0.3	68.7	8	28.8	12	6.79	20	+3.21	0.89	3	149.0
Rotoehu Plantation ..	235	60.8	39.6	50.2	(+0.5)	65.2	16	26.6	12	6.19	19	..	1.95	2	..
Rotorua ..	931	59.6	42.5	51.0	+0.6	67.3	17	29.7	12	10.06	16	+5.27	4.18	2	153.4
Whakarewarewa*	1,000	59.7	41.1	50.4	+1.0	68.4	17	29.4	12	11.00	15	+6.63	4.59	2	..
Gisborne ..	25	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Onepoto, Lake Waikaremoana	2,110	53.6	40.9	47.2	(+1.6)	58.9	6, 7, 22	29.9	12	6.58	18	(+0.47)	1.39	24	..
New Plymouth ..	190	57.5	44.9	51.2	-0.8	60.6	15	32.1	12	7.07	20	+2.09	1.52	23	..
New Plymouth (Marland Hill)	160	58.1	44.9	51.5	..	61.2	24	32.3	12	6.83	20	..	1.41	23	155.0
Chateau Tongariro ..	3,670	44.9	33.6	39.2	(+0.1)	57.0	1, 5	27.0	12, 13	16.74	15	..	2.50	3	..
Karori ..	2,125	54.0	35.3	44.6	+1.5	61.0	29	27.0	12	3.63	22	(-0.18)	0.52	25	..
Napier ..	5	62.6	43.2	52.9	+1.3	71.8	17	31.2	14	1.30	13	-0.75	0.32	9	188.2
Hastings ..	45	64.6	40.9	52.8	+2.8	75.0	17	28.0	14	1.38	12	(-1.21)	0.51	9	..
Taihape ..	2,157	53.9	39.0	46.4	+0.8	62.2	17	29.8	11	4.50	24	+1.44	0.63	25	..
Wanganui ..	72	59.5	45.4	52.4	(+1.2)	69.5	17	38.2	11	4.15	17	+1.30	0.81	9	181.2
Tangimoana ..	8	60.9	44.2	52.6	+2.0	70.0	17	35.0	14, 15	3.89	17	+1.05	0.90	9	..
Ohakea ..	167	60.0	44.7	52.4	..	69.7	17	37.8	11	4.39	19	..	0.94	9	..
Plant Research Bureau, Palmerston North	110	58.8	44.0	51.4	+1.3	68.0	17	31.5	12	4.04	19	(+0.85)	0.71	9	140.7
Pahiatua ..	384	58.9	42.7	50.8	+1.4	68.2	17	28.2	13	6.60	22	+2.39	1.04	9	..
Kapiti Island ..	44	57.0	47.9	52.4	+0.9	62.0	16	38.0	12	3.68	17	+0.43	0.70	22, 23	..
Masterton ..	372	60.3	40.0	50.2	+0.8	70.0	17	29.4	14	2.77	18	-0.34	1.05	9	164.6
Wallaceville ..	195	58.4	43.5	51.0	..	65.0	16	29.8	26	4.73	18	(+0.67)	0.81	24	160.0
Wellington ..	415	57.2	45.6	51.4	+1.3	65.2	16	33.9	12	3.36	20	-0.09	0.71	11	166.9
Nelson ..	24	59.5	41.6	50.6	+0.4	66.2	21	30.2	12	3.23	14	-0.22	0.79	23	191.0
Appleby, Nelson ..	57	58.8	42.0	50.4	(+0.5)	67.4	16	31.2	12	3.17	15	(-0.14)	0.78	23	..
Blenheim ..	60	60.5	40.0	50.2	(+0.1)	66.9	16, 19	26.5	12	1.46	12	(-0.67)	0.41	23	208.6
Woodbourne Aerodrome	89	61.1	42.2	51.6	..	69.6	16	27.5	11	1.88	13	..	0.48	23	..
Golden Downs ..	900	56.3	35.7	46.0	-0.6	65.0	16, 17	24.5	11	7.47	15	..	1.26	2	..
Waihopai ..	860	58.9	39.1	49.0	+0.8	71.0	16	28.6	12	2.30	12	(-0.70)	0.40	23	..
Westport ..	23	55.5	44.6	50.0	(-0.1)	62.0	21	34.0	11, 12	7.91	21	-1.56	1.15	17	172.8
Hammer Springs ..	1,225	58.0	36.0	47.0	+0.8	69.2	17	22.0	12	3.56	10	-0.90	0.90	24	159.3
Balmoral ..	743	60.0	37.7	48.8	+1.0	73.5	17	26.0	6	1.90	13	(-0.50)	0.28	17	..
Hokitika ..	12	56.8	41.2	49.0	-0.1	63.0	3	29.0	12	12.41	20	+3.53	3.18	22	146.6
Lake Coleridge ..	1,220	57.5	38.3	47.9	+0.5	70.2	5	25.2	12	3.44	18	-0.35	0.69	23	..
Darfield ..	640	61.1	35.9	48.5	(+0.7)	69.2	17, 28	26.2	12	2.67	15	-0.04	0.48	29	..
Christchurch..	22	59.1	41.4	50.2	+1.5	72.7	17	31.2	12	1.87	14	-0.03	0.60	10	176.3
Wigram Aerodrome, Sockburn	74	60.1	40.5	50.3	(+1.8)	72.6	17	30.7	12	2.08	12	..	0.48	10	..
Rudstone, Methven ..	1,217	57.2	40.7	49.0	+2.0	67.9	16	30.0	11	2.80	16	-0.65	0.56	22	178.5
Lincoln ..	36	59.8	40.7	50.2	+1.2	72.0	17	31.1	12	2.33	13	-0.41	0.55	10	148.3
Akaroa (Onawe, Duvau-chelle's Bay)	150	60.2	43.7	52.0	(+1.9)	71.0	17	34.2	11	2.81	10	..	0.80	11	152.5
Hermitage, Mount Cook	2,510	51.9	35.1	43.5	(+1.4)	63.5	6	24.2	12	12.88	18	+0.50	3.70	17	107.7
Ashburton ..	323	59.8	38.7	49.2	+2.5	72.8	17	30.1	12	2.12	14	-0.36	0.38	11	143.1
Lake Tekapo ..	2,850	55.2	33.7	44.4	+2.1	65.2	30	24.9	13	2.46	11	..	0.63	27	163.2
Jacksons Bay ..	22	54.3	41.8	48.0	(-1.3)	58.4	21	32.4	11	21.53	23	..	3.55	7	..
Fairlie ..	1,000	59.0	32.8	45.9	+0.9	68.3	6, 28	25.0	6	1.26	10	(-1.09)	0.25	22	163.0
Timaru ..	56	59.3	38.0	48.6	+0.8	72.2	17	30.8	28	0.69	6	-1.18	0.29	23	166.8
Waimate ..	200	61.0	39.2	50.1	+2.2	71.0	17, 28	33.0	12	0.96	11	-1.19	0.35	22	162.5
Milford Sound ..	20	53.8	39.0	46.4	(+0.3)	62.2	16	32.0	26	30.13	24	..	5.44	28	..
Queenstown ..	1,110	54.0	37.3	45.6	-0.4	64.8	16	31.4	11	4.92	15	+2.39	1.18	16	130.3
Ophir ..	1,000	56.5	35.5	46.0	+1.0	65.8	16	24.1	3	1.15	10	+0.05	0.54	16	..
Waipiata ..	1,550	54.1	37.2	45.6	+1.5	65.2	16	27.5	25	0.49	11	(-0.68)	0.10	16	146.0
Alexandra ..	520	57.6	38.1	47.8	+1.2	66.1	30	30.0	12	0.59	6	-0.16	0.28	16	141.6
Manorburn Dam ..	2,448	48.5	32.2	40.4	+0.7	57.0	16	21.0	25	1.16	13	-0.13	0.28	16	..
Dunedin ..	240	58.2	41.9	50.0	+1.4	69.9	16	34.9	25, 26	1.26	11	-1.47	0.23	10	..
Dunedin (Beta Street Reservoir)	690	55.7	41.9	48.8	..	70.0	16	32.2	26	1.62	13	..	0.36	9	128.9
Gore ..	245	59.2	39.1	49.2	+2.0	71.0	16	32.0	25	2.20	13	-0.49	0.79	25	153.4
Invercargill ..	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Invercargill (City Engineer)	8	56.2	40.8	48.5	..	68.5	16	32.5	25	3.19	19	..	0.54	24	..

LATE RETURNS.

Te Pahi, Te Hapua, Aug., 1942	200	61.7	46.6	45.2	(+1.5)	68.0	13	31.0	4	6.61	20	..	1.35	10	178.4
Appleby, Nelson, Aug., 1942	57	55.8	39.5	47.6	(+1.2)	61.7	13	30.7	1	2.31	10	(-0.77)	1.19	10	..
Fairlie, Aug., 1942	1,000	53.7	29.1	41.4	+0.9	65.3	19	19.0	28	0.55	6	(-1.04)	0.20	26	178.0
Milford Sound, Aug., 1942	20	51.8	36.9	44.4	(+2.1)	62.2	31	29.7	1	24.23	21	..	5.68	18	..
Gore, Aug., 1942	245	53.9	35.1	44.5	+2.0	67.0	20	29.0	9	2.49	12	+0.26	0.95	21	155.0

* Screen minimum temperature mean for twenty-two 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.