

CLIMATOLOGICAL TABLE.

SUMMARY OF THE RECORDS OF TEMPERATURE, RAINFALL, AND SUNSHINE FOR AUGUST, 1942.

Station.	Height of Station above M.S.L.	Air Temperatures in Degrees (Fahrenheit).								Rainfall in Inches.					Bright Sun-shine (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.	°F.		In.		In.			
Te Pahi, Te Hapua	200															
Waipoua State Forest	225		60.5	45.2	52.8	+2.2	66.0	5	33.0	22	11.84	22	(+5.19)	5.06	12	137.8
Riverhead	105		59.4	42.4	50.9	+2.2	66.5	26	26.5	1	7.12	22		1.63	12	
Auckland	160		59.6	45.5	52.6	+0.5	64.5	11	37.4	1	6.33	20	+1.68	1.34	12	141.0
Maioro	172		59.7	45.3	52.5		69.0	18	27.2	1	6.49	18		1.54	22	
Waihi	404		57.3	44.0	50.6	+2.0	64.0	6	26.0	1	19.14	19	+11.01	6.48	26	100.2
Wharekawa Nursery, Whangamata	50		60.3	44.9	52.6	(+2.8)	66.5	6	28.5	1	14.37	21		2.52	25	
Te Aroha	46		60.0	43.4	51.7	+1.7	65.5	13	24.0	1	7.08	19	+1.87	1.60	12	
Tauranga	10		58.7	43.2	51.0	+1.4	64.1	6	27.4	1	9.24	18	+4.67	1.89	12	140.4
Ruakura Farm, Hamilton	131		58.9	41.5	50.2	+2.0	66.2	9	23.1	1	6.12	17	+2.16	1.38	25	110.5
Rotoehu Plantation	235		58.4	40.8	49.6	(+2.9)	64.8	20	25.0	1	9.04	16		2.38	12	
Rotorua	931		56.9	42.0	49.4	+2.4	66.4	11	28.1	1	7.94	16	+2.92	1.38	6	118.7
Whakarewarewa	1,000		56.7				63.0	19, 21			7.98	16	+3.15	2.00	13	
Gisborne	25		59.5	42.5	51.0	(+1.8)	67.2	6, 20	29.4	2	5.06	17	(+1.39)	1.82	26	152.5
Onepoto, Lake Waikaremoana	2,110		49.8	39.3	44.6	(+1.3)	57.7	20	32.1	1	9.03	18	(+2.43)	2.87	26	
New Plymouth	190		56.6	46.0	51.3	+1.5	63.3	13	33.0	1	4.57	16	-0.98	1.04	26	
New Plymouth (Marsland Hill)	160		57.2	45.3	51.2		63.2	13	31.3	1	4.11	19		0.88	26	148.2
Chateau Tongariro	3,670		45.6				53.5	12, 25, 30			4.64	15		1.48	7	
Karioi	2,125		51.9	35.6	43.8	+3.0	59.4	12	25.3	31	3.04	17	(-0.91)	0.65	6	
Napier	5		59.0	40.5	49.8	+1.0	69.8	24	28.5	3	4.32	11	+1.29	1.96	26	173.8
Hastings	45		59.6	37.9	48.8	+1.0	68.0	11	29.0	3, 5	3.28	13	+0.38	1.77	26	
Taihape	2,157		51.3	38.8	45.0	+2.3	57.8	23	30.2	1	2.24	18	-0.46	0.42	6	
Wanganui	72		56.4	43.4	49.9	(+1.6)	65.9	23	34.6	9	2.60	13	-0.19	0.86	17	167.9
Tangimoana	8		57.9	42.6	50.2	+2.5	62.0	23	32.0	2	1.53	10	-1.52	0.37	9	
Ohakea	167		56.1	42.5	49.3		62.4	22	32.5	1	2.37	16		0.72	10	
Plant Research Bureau, Palmerston North	110		55.5	42.9	49.2	+1.9	61.0	13, 23	30.0	1	2.88	16	(-0.55)	0.52	10	135.1
Pahiatua	384		55.4	39.7	47.6	+1.0	62.0	23	24.7	2	4.71	18	+0.48	1.45	6	
Kapiti Island	44		55.1	45.2	50.2	+2.5	58.0	11, 22	40.0	9, 16, 28	1.56	8	-2.34	0.72	22	
Masterton	372		56.8	36.2	46.5	+0.3	64.8	11	24.2	2	2.98	13	-0.58	0.68	25	166.3
Wallaceville	195		55.7	38.0	46.8		61.0	22	24.5	2	2.31	10	(-2.62)	0.60	26	174.3
Wellington	415		54.7	42.9	48.8	+1.5	59.7	4	35.9	30	2.32	11	-1.86	0.73	13	160.0
Nelson	24		56.0	38.7	47.4	+0.5	62.1	11	29.0	1	2.24	12	-0.97	1.10	10	179.9
Appleby, Nelson	57															
Blenheim	60		57.1	36.9	47.0	(+0.9)	65.2	19	24.7	1, 2	1.41	13	(-0.91)	0.54	10	178.0
Woodbourne Aerodrome	89		57.3	39.5	48.4		65.8	19	26.8	1	1.66	12		0.73	10	
Golden Downs	900		53.7	32.7	43.2	+0.5	60.2	11	22.0	28	3.33	13		1.38	10	
Waihōpai	860		55.7	36.4	46.0	+1.7	62.5	20, 21	27.6	1	1.54	7	(-1.09)	0.78	10	
Westport	23		53.7	42.5	48.1	(+0.5)	58.0	30	34.0	1	4.70	19	-1.78	0.76	6	139.8
Hammer Springs	1,225		53.7	31.9	42.8	+1.5	64.0	21	21.0	29	2.10	8	-1.18	0.70	6	146.6
Balmoral	743		54.3	31.3	42.8	-0.1	65.5	22	18.0	30	1.04	6	(-0.93)	0.39	6	
Hokitika	12		54.7	38.3	46.5	+0.5	62.0	22	29.5	1	9.67	19	+0.32	1.96	3	127.1
Lake Coleridge	1,220		53.6	32.9	43.2	+0.3	64.0	21	22.0	28	1.26	9	-1.53	0.32	21	
Darfield	640		57.0	31.4	44.2	(+1.2)	66.5	22	23.0	28, 29	0.89	5	-1.38	0.39	7	
Christchurch	22		53.8	35.7	44.8	+0.5	68.5	22	28.8	2	0.84	7	-0.97	0.30	6	173.7
Wigram Aerodrome, Sockburn	74		55.1	35.3	45.2	(+0.8)	68.4	22	27.7	1	0.58	6		0.30	6	
Rudstone, Methven	1,217		53.8	38.5	46.2	+2.6	63.7	5	26.1	28	0.89	8	-1.78	0.28	6	186.7
Lincoln	36		54.3	36.2	45.2	+0.3	67.0	19	27.0	28	0.69	6	-1.35	0.32	6	135.4
Akaroa (Onawe, Duvau-chelle's Bay)	150		55.1	40.4	47.8		65.2	19	33.0	9, 28	1.98	10		0.50	14	152.9
Hermitage, Mount Cook	2,510		49.0	31.5	40.2	+2.4	58.8	5	22.0	1	7.62	13	-3.77	2.43	21	113.4
Ashburton	323		56.1	34.1	45.1	+2.1	68.2	22	24.1	28	1.00	8	-1.01	0.39	6	158.2
Lake Tekapo	2,350		50.1	31.6	40.8	+3.6	59.1	20	20.9	28	0.58	4		0.36	21	194.4
Jacksons Bay	22		53.3	40.2	46.8	(+0.3)	58.0	17	32.0	25	15.08	22		3.09	10	
Fairlie	1,000															
Timaru	56		55.5	34.6	45.0	+1.1	67.6	22	26.8	28	0.44	4	-0.92	0.21	27	172.7
Waimate	200		56.0	35.6	45.8	+2.1	69.0	19	30.0	1, 10	0.39	8	-1.20	0.07	6	163.7
Milford Sound	20															
Queenstown	1,110		51.4	34.6	43.0	+1.7	60.2	21	28.2	1	1.75	7	-0.27	1.05	18	144.7
Ophir	1,000		53.2	29.9	41.6	+2.1	62.5	21	19.0	28	0.61	4	-0.19	0.49	21	
Waipiata	1,550		49.9	32.8	41.4	+1.8	60.0	31	23.0	28	0.38	5	(-0.86)	0.13	21	173.5
Alexandra	520		54.5	32.5	43.5	+2.4	63.6	21	22.5	9	0.56	4	-0.12	0.34	21	151.3
Manorburn Dam	2,448		44.4	27.9	36.2	+2.4	54.0	21	18.0	1	0.64	6	-0.46	0.35	21	
Dunedin	240		53.8	39.2	46.5	+1.3	64.6	21	32.5	9	0.68	9	-2.34	0.15	21, 26	
Dunedin (Beta Street Reservoir)	690		51.2	39.2	45.2		62.8	21	32.4	27	0.66	12		0.15	14	140.4
Gore	245															
Invercargill	12		53.9	36.3	45.1	+1.0	61.0	21	30.0	4	3.49	14	+0.30	0.70	1	128.8
Invercargill (City Engineer)	8		53.7	36.4	45.0		63.0	31	28.0	9	4.40	15		0.79	1	

LATE RETURNS.

Maioro, July, 1942	172	58.1	43.8	51.0		64.0	5	29.0	17	6.15	18			1.71	28	
Gisborne, July, 1942	25	58.2	43.3	50.8	(+3.5)	70.2	5	29.0	18	5.59	18	+1.23	1.18	24	110.5	
Wigram Aerodrome, Sockburn, July, 1942	74	52.1	35.2	43.6	+1.1	69.6	2	26.1	25	3.79	12			1.30	4	
Milford Sound, July, 1942	20	49.8	35.1	42.4	(+1.5)	59.8	2	27.9	26	18.46	16			2.74	2	
Queenstown, July, 1942	1,110	46.8	32.1	39.4	+1.9	59.2	2	24.0	27	3.30	17	+1.32	0.73	22	89.0	

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.