

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for August 1963—continued

Station	Height of Station Above M.S.L.	Air Temperatures in Degrees (Fahrenheit)								Rainfall in Inches				Bright Sunshine	
		Means of		Mean of A and B	Difference From Normal	Absolute Maximum and Minimum				Total Fall	No. of Rain Days	Difference From Normal	Maximum Fall		
		A Max.	B Min.			Maxim.	Date	Minim.	Date				Amount		Date
Ft.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	In.	In.	Hrs.					
Paraparaumu ..	22	54.0	39.8	46.9	-1.5	60.0	31	30.0	2, 4	5.56	14	+1.5*	2.03	7	152
Waingawa, Masterton ..	340	52.9	35.9	44.4	-1.5	61.0	27	27.4	4	4.25	20	+0.0	1.77	7	125
Ngaumu, Masterton ..	800	51.5	34.8	43.2	-0.8*	60.0	19	26.0	14	3.94	18	-1.4*	0.88	7	7
Wallaceville ..	195	53.1	36.4	44.8	-0.7	60.0	31	25.8	4	7.21	19	+2.1*	2.54	7	119
Taita ..	213	52.4	39.1	45.8	..	59.4	31	31.0	4	8.12	22	..	2.79	7	..
Gracefield, Lower Hutt ..	10	53.7	41.4	47.6	..	61.0	11, 31	33.4	4	8.90	17	..	3.66	7	..
Makara ..	800	48.2	40.5	44.4	..	56.0	12	35.0	2, 21	9.37	18	..	4.45	7	111
Wellington ..	415	51.2	40.8	46.0	-1.6	59.3	12	34.8	2	9.43	18	+4.1	4.44	7	120
Wellington Airport ..	25	55.8	42.4	49.1	..	61.5	12	35.9	2	8.76	20	..	3.71	7	..
Riwaka ..	25	56.2	35.0	45.6	-0.5*	65.0	28	25.2	2	7.95	12	+2.9*	3.33	31	..
Rai Valley ..	250	55.0	33.4	44.2	..	63.5	16	20.8	2	16.05	11	+8.4	5.60	6	..
Nelson Airfield ..	6	54.4	35.4	44.9	+0.1	62.2	18	24.9	2	5.27	9	+1.7	3.04	31	193
Moutere Hills ..	450	53.1	38.8	46.0	..	60.8	16	29.0	15	5.74	11	..	2.56	31	..
Appleby, Nelson ..	57	55.0	37.1	46.0	-0.5	62.8	18	27.8	2, 24	5.11	9	+1.4*	2.36	31	..
Woodbourne ..	90	54.5	35.2	44.8	-0.7	63.0	28	27.3	22	6.79	8	+4.1*	1.91	7	..
Blenheim ..	14	55.1	35.5	45.3	-1.0	63.5	28	26.2	2	5.91	9	+3.4	1.90	31	192
Lake Grassmere ..	15	52.4	39.0	45.7	-0.8*	62.3	28	31.2	2	4.67	10	+2.8	1.48	31	187
Golden Downs ..	900	52.5	31.2	41.8	-0.4	58.6	19	20.9	2	6.40	13	+1.8	2.20	31	..
Waihopai ..	860	53.7	32.9	43.3	-1.3	63.0	28	23.0	2	7.10	10	+3.9	2.50	31	..
Westport Airfield ..	6	53.9	40.0	47.0	+0.2	58.5	31	33.0	2	8.22	18	+0.9*	1.58	6	145
Jordan, Awatere ..	1,000	53.5	33.9	43.7	..	64.0	28	25.2	5, 23	6.37	9	..	1.88	6	..
Molesworth ..	2,930	44.6	25.0	34.8	-2.2	55.0	28	16.0	9	4.99	10	+2.9*	1.55	31	..
Reefton ..	630	51.0	..	..	..	56.0	11, 23	..	..	8.65	19	..	1.98	27	..
Totara Flat ..	254	52.5	34.4	43.4	..	58.0	16, 30	26.0	23	5.55	21	..	0.86	15	..
Greymouth ..	13	53.2	39.4	46.3	-0.7	57.1	11	31.1	24	7.54	21	-0.8*	1.86	6	127
Hanmer Forest ..	1,270	50.1	28.6	39.4	-2.0	62.0	6	19.5	25	4.19	14	+0.2	1.35	7	146
Hokitika South ..	12	52.5	36.0	44.2	-0.5	55.5	11	27.4	23	10.15	19	+0.9*	1.95	2	131
Balmoral ..	650	51.7	27.8	39.8	-2.5*	64.0	27	19.5	2	3.02	13	+0.5	1.30	7	..
Lake Coleridge ..	1,195	49.0	29.8	39.4	-2.3	59.0	19	21.0	9, 25	4.89	11	+1.8	1.66	7	..
Eyrewell ..	520	50.2	30.4	40.3	-1.7*	65.1	27	21.6	2	3.86	11	+1.2*	1.30	7	..
Franz Josef ..	420	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ashley Forest ..	350	50.7	34.1	42.4	-1.4	64.0	27	26.5	2	4.84	12	+2.0*	1.66	7	..
Darfield ..	640	50.6	32.0	41.3	-1.6	61.9	27	24.8	23	3.70	11	+1.2	1.10	7	..
Christchurch Airport ..	94	50.9	33.0	42.0	-1.4*	66.9	27	26.0	2	2.53	12	+0.4*	0.79	7	138
Christchurch ..	22	51.8	34.5	43.2	-1.1	64.9	12	27.7	14	2.29	12	+0.0	0.65	6	..
Hororata ..	631	50.1	30.4	40.2	..	65.2	27	23.1	2	4.00	10	..	1.19	7	..
Onawe, Akaroa ..	150	52.1	37.6	44.8	-1.6	63.1	12	31.8	23	3.60	17	-0.7*	0.80	6	116
Lincoln ..	36	50.6	33.4	42.0	-1.1	64.8	27	23.6	14	2.73	12	+0.4	0.81	7	140
Highbank ..	1,102	49.6	33.7	41.6	-2.1*	59.5	27	26.5	13	3.98	13	+1.0*	0.93	7	158
The Hermitage ..	2,510	46.1	28.1	37.1	-0.9	58.0	16	19.0	9	15.19	15	-0.2	3.71	27	100
Haast ..	12	52.9	37.5	45.2	-0.7	57.5	28	29.2	13	11.07	15	-1.4*	3.06	27	149
Winchmore ..	526	50.0	31.6	40.8	-1.5	62.7	27	21.8	4	3.21	10	+0.9*	0.91	6	..
Ashburton ..	323	51.2	31.9	41.6	-2.1	66.0	27	23.4	23	2.98	10	+0.6	0.96	6	135
Temuka ..	80	51.3	31.4	41.4	..	65.9	27	22.0	23	2.31	10	..	0.68	6	..
Mount John ..	3,370	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lake Tekapo ..	2,240	45.1	29.3	37.2	-0.7	57.0	12	20.8	22	2.14	9	+0.5	0.94	27	141
Fairlie ..	1,004	48.2	28.0	38.1	-2.1	60.0	12	20.0	2, 23	2.46	11	+0.7	0.80	28	..
Levels, Timaru ..	75	50.3	30.5	40.4	..	65.2	27	21.1	2	2.19	10	..	0.66	6	..
Timaru ..	56	50.6	34.0	42.3	-1.5	64.0	12	25.8	2, 9	2.26	11	+0.9	0.60	6	130
Adair ..	280	49.4	35.2	42.3	-1.6*	62.1	12	28.2	2	2.18	9	+0.8*	0.62	6	..
Tara Hills, Omarama ..	1,600	46.6	28.1	37.4	-1.6*	54.9	12	20.8	22	1.80	9	+0.3*	0.95	27	145
Benmore, Otematata ..	920	48.6	30.8	39.7	..	58.0	12	25.0	2	1.17	10	..	0.51	6	..
Lake Hawea ..	1,147	48.8	32.9	40.8	..	57.5	11	25.1	9	2.86	10	+0.3	1.49	27	..
Milford Sound ..	16	51.7	35.7	43.7	+0.4	60.2	11	29.1	23	16.99	19	+0.3	5.50	26	..
Waimate ..	200	51.5	34.4	43.0	-1.4	64.0	12	26.0	9	1.98	12	+0.3	0.46	6	128
Naseby Forest ..	2,300	45.4	26.0	35.7	-0.9	54.8	17	16.0	9	1.66	9	+0.2*	0.46	27	..
Queenstown ..	1,080	48.7	32.5	40.6	-1.0	56.3	26	24.2	18	2.48	9	+0.0	0.50	2, 26	107
Cromwell ..	720	50.2	29.7	40.0	-0.9*	58.2	12	20.7	24	1.49	9	+0.7*	0.66	27	..
Ophir ..	1,000	49.3	25.5	37.4	-2.2	57.6	5, 17	16.9	24	1.30	7	+0.5	0.51	27	..
Moa Creek ..	1,000	46.2	25.6	35.9	-1.5*	60.0	12	18.5	24	1.68	10	+1.0	0.66	27	..
Earnsclough ..	500	50.6	27.1	38.8	-1.9	60.0	17	18.0	23	1.33	9	+0.7*	0.46	27	..
Waipiata ..	1,550	45.6	28.9	37.2	-2.7	57.0	28	19.0	9	1.37	9	+0.4	0.48	27	122
Alexandra ..	520	49.9	29.9	39.9	-1.5	58.5	17	22.5	23	1.39	9	+0.8	0.53	27	121
Roxburgh Hydro ..	350	49.9	32.5	41.2	-2.8*	59.0	17, 27	25.9	9	2.02	10	+1.0*	0.61	12	..
West Arm, Lake Manapouri ..	593	44.5	33.6	39.0	..	51.0	25	26.5	23	11.72	24	..	3.27	26	..
Mid Dome ..	1,252	49.6	30.4	40.0	-1.0*	59.6	5	19.1	21	2.94	12	+0.7*	0.63	9	..
Cherry Farm, Waikouaiti ..	21	51.0	33.4	42.2	..	62.1	27	25.8	9	1.72	14	..	0.35	27	..
Moa Flat, West Otago ..	1,345	45.8	31.5	38.6	-1.1*	54.9	17	21.5	9	3.14	13	+1.3	0.72	12	..
Taieri ..	80	51.9	31.7	41.8	-1.9	63.6	27	21.0	9	2.58	12	+0.7*	0.68	27	..
Musselburgh, Dunedin ..	5	49.2	36.9	43.0	-2.5	57.2	27	30.9	30	3.03	17	+0.7	0.81	18	116
Dunedin Airport ..	4	51.7	32.1	41.9	..	65.6	27	21.7	9	2.46	16	..	0.53	27	118
Riversdale ..	419	49.2	30.6	39.9	..	57.0	5	20.9	23	2.80	12	..	0.74	9	..
Tapanui ..	740	49.9	34.0	42.0	-0.3	64.0	17	24.5	24	2.93	16	+0.6	0.62	13	..
Berwick Forest ..	60	51.3	31.7	41.5	..	63.5	28	21.7	9	2.50	17	..	0.40	27	..
Rankleburn Forest ..	835	47.5	32.7	40.1	..	58.8	27	23.8	9	3.18	17	..	0.49	12	..
East Gore ..	245	49.5	33.0	41.2	-1.5	56.0	27, 30	25.0	9	2.58	15	+0.5	0.49	9	..
Gore ..	230	50.8	33.0	41.9	-1.1	58.5	30	25.0	9	2.71	14	+0.6*	0.44	13	112
Otautau ..	180	51.4	33.2	42.3	-0.7*	60.0	17	23.0	22	3.90	15	+0.9*	0.78	12	117
Pebble Hills ..	138	50.0	33.7	41.8	-0.5*	60.0	19	25.0	23, 24	3.25	15	+0.5*	0.70	10	..
Invercargill Airfield ..	0	50.9	33.2	42.0	-1.0	58.8	26	23.7	9	2.44	19	-0.6*	0.48	2	118
Scott Base, Antarctica ..	45	..	..	-20.0	..	10.2	..	-66.8	..	..	..	..	..	..	..

Supplementary data sunshine: Foxton, 130 hrs, and Kaikoura, 164 hrs.

LATE RETURNS

Paeroa, July 1963 ..	27	57.7	41.9	49.8	+1.7	66.6	4	25.3	29	12.25	19	+5.8	2.17	12	..
Mount John, July 1963 ..	3,370	36.5	25.4	31.0	..	47.2	30	16.0	19	2.49	..	..	..	..	..

NOTE.—At stations where departures from normal have an asterisk, the temperature record has been maintained for less than 10 years, the rainfall record for less than 20 years. Rainfall normals have been revised and now refer to the standard period 1921–50. Where observations are not available for the whole period, or where the site of the rain gauge has been changed, the normals are partly interpolated.