

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for August 1961—continued

Station	Height of Station Above M.S.L.	Air Temperatures in Degrees (Fahrenheit)								Rainfall in Inches					Bright Sun-shin Hrs.
		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.			Maximum	Date	Minimum	Date				Amount	Date	
	Ft.	°F.	°F.	°F.		°F.	°F.			In.			In.		
Riwaka	25	57.4	35.5	46.4	+0.3*	67.0	24	29.2	28	5.01	4	-0.1*	2.04	4	..
Rai Valley	250	56.0	33.6	44.8	..	60.2	17	24.3	30	3.54	8	-4.1	1.29	4	..
Nelson Airfield	5	54.8	35.0	44.9	-0.1	60.4	9	27.4	16	1.91	5	-1.7*	1.02	4	210
Moutere Hills	450	54.0	40.4	47.2	..	58.8	24	35.0	27	2.66	6	..	1.25	4	..
Appleby, Nelson	57	55.7	36.7	46.2	-0.3	63.2	24	30.1	27	2.16	5	-1.5*	1.04	4	..
Woodbourne	89	55.2	35.5	45.4	-0.1	61.9	24	28.8	16	1.19	6	-1.5*	0.63	4	..
Blenheim	14	55.9	35.8	45.8	-0.5	65.0	24	29.2	26	0.78	6	-1.7*	0.41	4	205
Lake Grassmere	15	52.4	39.1	45.8	-0.7*	62.8	24	31.0	20	0.90	6	-1.0*	0.42	6	189
Golden Downs	900	54.2	29.6	41.9	-0.3	60.1	20	23.5	15	3.12	5	-1.5	1.26	23	..
Waihopai	860	54.2	33.5	43.8	-0.8	61.4	17	26.0	28	1.73	6	-1.5	0.79	23	..
Westport	7	55.2	41.5	48.4	+1.6	61.0	22	34.5	21	4.95	7	-2.3	2.59	4	221
Black Birch Range	4,500	37.3	27.5	32.4	..	45.3	20	20.3	27	3.29	8	..	1.00	6	..
Jordan, Awatere	1,000	53.3	33.2	43.2	..	64.0	24	25.5	27	1.93	6	..	0.80	4	..
Molesworth	2,930	44.5	26.6	35.6	-1.4	57.0	30	13.0	11	1.40	6	-0.7*	0.51	4	..
Reefton	630	54.0	30.5	42.2	..	61.7	22	32.0	11	4.25	10	..	1.88	3	..
Totara Flat	254	56.1	30.6	43.4	..	62.0	22	22.0	10	4.26	8	..	2.01	3	..
Greymouth	13	55.8	40.1	48.0	+1.0	62.1	22	32.1	11	3.85	8	-4.5*	1.92	3	194
Hanmer Forest	1,270	50.1	29.4	39.8	-1.6	62.8	3, 24	21.8	30	6.24	13	+2.2	2.35	4	151
Hokitika South	15	54.8	35.3	45.0	+0.3	63.0	22	28.8	10	4.83	8	-4.5*	1.77	23	210
Balmoral	650	52.5	30.7	41.6	-0.7*	65.5	24	22.5	20	2.99	8	+0.5	1.45	4	..
Lake Coleridge	1,195	51.3	30.6	41.0	-1.2	63.0	20	24.0	11	2.12	9	-1.0	0.90	3	..
Eyrewell	520	51.7	30.5	41.1	-0.9*	62.0	24	23.4	28	4.84	12	+2.1*	1.91	4	..
Franz Josef	392	56.3	35.9	46.1	-1.3*	61.6	20	30.7	8	9.56	7	-7.8*	2.89	3	..
Ashley Forest	350	50.6	36.4	43.5	-0.3	67.5	23	30.0	20	3.20	11	+0.4*	1.71	4	..
Darfield	640	53.4	32.7	43.0	+0.1	68.2	24	26.2	28	4.56	11	+2.1	2.13	4	..
Christchurch Airport	94	52.2	34.8	43.5	+0.1*	69.4	24	27.2	30	3.54	11	+1.4*	1.44	4	157
Christchurch	22	53.1	36.2	44.6	+0.3	72.3	24	29.2	30	3.10	13	+0.8	1.18	4	..
Hororata	631	52.2	30.8	41.5	..	68.0	24	25.0	30	4.15	11	..	1.71	4	..
Onawe, Akaroa	150	52.1	39.1	45.6	-0.8	66.0	24	31.5	11	4.19	16	-0.1*	1.88	4	141
Lincoln	36	51.5	36.4	44.0	+0.9	67.8	24	25.2	29	4.19	12	+1.9	1.54	4	164
Highbank	1,102	50.6	36.1	43.4	-0.3*	63.0	23	30.5	27	3.86	9	+0.9*	1.57	4	186
The Hermitage	2,510	48.0	29.5	38.8	+0.8	57.0	22, 23	23.0	10	6.74	10	-8.7	2.82	3	128
Haast	15	54.6	38.8	46.7	+0.8	60.2	25	29.8	13	4.82	9	-7.7	1.62	2	204
Winchmore	526	51.2	33.0	42.1	-0.2	65.6	24	24.8	28	5.19	8	+2.9	2.00	4	..
Ashburton	323	54.0	33.9	44.0	+0.3	72.2	24	24.3	28	4.24	8	+1.9	1.46	4	165
Temuka	80	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lake Tekapo	2,240	47.9	29.3	38.6	+0.7	58.0	24	23.5	11	1.82	7	+0.2	1.09	3	197
Fairlie	1,004	51.9	28.5	40.2	+0.0	67.0	24	18.0	22	2.14	8	+0.3	0.65	3	..
Timaru	56	53.8	34.6	44.2	+0.4	67.3	24	28.8	28	2.01	9	+0.6	0.51	3	175
Adair	200	50.3	35.9	43.1	-0.8*	64.3	24	31.8	28	1.80	8	+0.4*	0.37	7	..
Tara Hills, Otago	1,600	49.3	27.2	38.2	-0.8*	59.7	24	22.5	11	1.69	5	+0.2*	1.26	3	207
Benmore, Otago	920	51.9	31.6	41.8	..	63.0	24	27.0	11	1.07	7	..	0.62	3	..
Lake Hawea	1,147	49.3	32.5	40.9	..	56.9	24	27.1	10	2.05	5	-0.5	1.69	3	..
Milford Sound	20	54.1	36.9	45.5	+2.2	61.5	22	29.3	10	8.70	10	-8.6	3.70	2	..
Waimate	200	54.0	34.3	44.2	-0.2	68.6	24	29.0	28	1.90	9	+0.2	0.58	6	159
Naseby Forest	2,300	47.6	26.2	36.9	-0.7	60.1	24	20.1	10	1.86	9	+0.4	0.53	3	..
Queenstown	1,080	49.2	32.6	40.9	-0.7	59.2	23	28.0	10	1.64	7	-0.9	0.75	2	130
Cromwell	720	51.2	28.4	39.8	-1.1	62.3	24	23.0	19	0.56	6	-0.2	0.47	3	..
Ophir	1,000	51.1	24.5	37.8	-1.8	60.4	22, 24	19.0	10	0.85	6	+0.0	0.40	3	..
Moa Creek	1,400	48.9	23.8	36.4	-1.0*	59.0	24	17.4	10	0.69	6	-1.1	0.35	3	..
Earnsclough	500	53.1	25.5	39.3	-1.4	63.2	24	18.0	19	0.38	4	-0.2*	0.23	3	..
Waipiata	1,550	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Alexandra	520	52.1	28.3	40.2	-1.2	61.5	22	22.8	19	0.34	6	-0.3	0.21	3	173
Roxburgh Hydro	350	52.5	32.4	42.4	-1.6*	62.6	22	24.7	2	0.48	9	-0.5*	0.16	3	..
West Arm, Lake Manapouri	593	45.7	34.7	40.2	..	50.9	16	27.8	10	4.75	15	..	2.22	2	..
Mid Dome	1,252	49.7	31.6	40.6	-0.4*	59.0	21	23.0	9	1.80	7	-0.4*	0.57	5	..
Cherry Farm, Waikouaiti	21	51.6	33.5	42.6	..	61.1	24	27.9	28	1.14	8	..	0.33	6	..
Moa Flat, West Otago	1,345	48.2	32.5	40.4	+0.7*	56.0	23	25.5	27	1.36	12	-0.4	0.42	24	..
Taieri	80	52.1	32.3	42.2	-1.5	62.1	2	24.4	28	1.96	11	+0.1*	0.63	6	114
Musselburgh, Dunedin	5	50.3	38.6	44.4	-1.1	59.0	3	31.0	19	1.64	11	-0.7	0.35	3	118
Riversdale	419	51.0	31.5	41.2	..	62.0	22	23.0	19	1.37	5	..	0.60	4	..
Tapanui	550	51.2	34.9	43.0	+0.7	61.8	21	26.5	10	1.72	11	-0.6	0.43	6	..
East Gore	245	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Gore	240	53.2	32.9	43.0	+0.0	65.0	22	26.2	26	1.28	10	-0.8*	0.45	3	142
Otautau	180	51.4	33.8	42.6	-0.4*	63.0	22	24.7	19	1.88	8	-1.1*	0.74	2	161
Pebbly Hills	150	49.5	33.0	41.2	-1.1*	58.5	30	25.0	19	1.73	12	-1.0*	0.47	3	..
Invercargill Airfield	0	51.6	34.0	42.8	-0.2	62.2	22	27.4	19	2.26	13	-0.7*	0.50	3	144
Scott Base, Antarctica	45	..	..	-25.1	..	13.1	..	-62.3	..	..	..	..	..	..	..

Supplementary data sunshine: Foxton 178 hrs, Kaikoura 167 hrs., and Oamaru 167 hrs.

LATE RETURNS

Tairua Forest, Jul 1961	11	58.1	40.6	49.4	+1.2*	67.4	29	29.2	26	7.16	19	+0.1*	2.34	16	..
Kuripapanga, Jul 1961	1,600	51.8	34.5	43.2	+1.5*	60.1	31	24.2	28	7.45	14	+0.9*	1.96	21	..

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.

NOTES ON THE WEATHER FOR AUGUST 1961

August was marked by an unusually high frequency of winds from the south and east, with a reversal of the usual weather patterns, so that the West Coast was much sunnier and even a little drier than Hawke's Bay.

A southerly storm raged over the southern half of the North Island from about the 4th to the 10th. Air services were disrupted and there were many interruptions to road and rail transport through slips and washouts. In the centre of the Island the heaviest snowfall for many years blocked the Desert Road for several days. Heavy losses of lambs were reported at this time from west of the

Ruahines and in eastern districts of the North Island. In the remainder of the country, however, the month was regarded as reasonably favourable for farming.

Rainfall: Rainfall was less than three-quarters of the normal value over Taranaki and most of south Auckland; also over the South Island, except for the Kaikoura coast, Canterbury, and north Otago.

It was appreciably wetter than usual in eastern districts from Gisborne to Wairarapa, also in Taihape and parts of Canterbury. In Taihape, central and southern Hawke's Bay, and northern Wairarapa rainfall was double the normal value, and for a few stations it was the wettest August in many years.