

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for August 1959—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.			Maximum	Date	Minimum	Date				Amount	Date	
	Ft.	°F.	°F.	°F.		°F.	°F.	°F.		In.		In.		Hrs.	
Hanmer	1,270	53.6	29.5	41.6	+0.2	62.0	26	22.7	12	1.21	9	-2.37	0.70	7	174
Hokitika South	15	53.8	36.5	45.2	+0.5*	56.1	18	28.0	11	6.48	14	-2.56*	1.83	14	177
Balmoral	650	55.8	29.7	42.8	+0.5*	62.0	7, 27	25.0	10, 20	0.45	2	-2.01	0.24	7	..
Lake Coleridge	1,195	54.5	30.0	42.2	+0.0	64.0	26	21.0	11	1.40	5	-1.50	0.50	6	..
Eyrewell	520	53.6	31.2	42.4	..	63.0	31	25.3	10	0.46	6	-2.69*	0.26	2	..
Franz Josef	450	55.1	36.6	45.8	..	59.5	12	31.0	11	5.85	16	..	2.16	6	..
Ashley Forest	350	53.4	36.9	45.2	+1.4*	62.6	31	31.2	26	0.20	4	-2.50*	0.12	2	..
Darfield	640	55.3	32.5	43.9	+1.0	64.2	26	25.9	11	0.40	5	-2.07	0.27	2	..
Christchurch Airport	94	53.3	33.7	43.5	..	63.0	31	25.0	26	0.58	6	..	0.31	2	195
Christchurch	22	54.8	35.6	45.2	+0.9	65.0	31	28.4	24	0.54	4	-1.51	0.38	2	..
Wigram	74	54.3	34.5	44.4	+0.2*	64.6	31	25.9	24	0.48	4	-1.44*	0.36	2	..
Akaroa	150	54.8	38.5	46.6	+0.2	65.8	31	32.0	24	1.23	7	-2.75*	0.92	2	178
Lincoln	36	53.5	32.5	43.0	-0.1	63.5	31	24.0	13	0.45	5	-1.63	0.39	2	187
Highbank	1,102	53.1	35.6	44.4	..	58.6	31	31.3	10	0.57	6	..	0.26	2	224
The Hermitage	2,510	50.5	30.1	40.3	+2.3	62.0	30	24.0	10, 11	5.65	3	-6.78	3.15	6	149
Winchmore	626	52.9	31.7	42.3	+0.0*	63.0	26	25.7	11, 13	0.49	5	-1.38*	0.33	2	..
Haast	15	53.3	37.1	45.2	-0.7*	58.2	12	31.1	21	2.95	12	-11.35*	1.08	6	180
Ashburton	323	56.3	31.7	44.0	+0.3	66.3	8	23.2	11	0.35	3	-1.97	0.23	2	192
Fairlie	1,004	53.1	27.3	40.2	+0.0	68.0	26	20.0	6	0.25	4	-1.65	0.09	7	..
Timaru	56	53.7	34.7	44.2	+0.4	61.8	20	28.0	11	0.28	3	-1.18	0.14	2	184
Adair	200	51.7	36.3	44.0	+0.1*	58.9	26	31.7	11	0.30	4	-1.32*	0.16	2	..
Tara Hills, Omarama	1,600	50.5	27.0	38.8	-0.2*	60.7	29	19.5	10	0.90	4	-0.43*	0.51	6	194
Benmore, Otematata	920	52.4	29.8	41.1	..	63.7	29	25.6	9, 11	0.28	4	..	0.15	6	..
Milford Sound	20	52.1	35.7	43.9	+0.6	59.7	15	30.9	10	7.39	15	-9.81	1.92	6	..
Waimate	200	54.9	33.9	44.4	+0.0	62.0	30, 31	27.8	13	0.24	5	-1.47	0.18	2	158
Naseby Forest	2,300	48.7	26.4	37.6	..	58.9	26	17.1	10	0.47	4	..	0.18	16	..
Queenstown	1,100	50.4	32.7	41.6	+0.0	59.7	26	25.5	10	1.10	5	-1.12	0.47	7	124
Cromwell	720	52.7	28.2	40.4	-0.5*	63.0	29	22.8	10	0.58	5	-0.27*	0.27	6	..
Ophir	1,000	52.5	23.2	37.8	-1.8	62.2	30	9.0	10	0.12	4	-0.66	0.66	16	..
Moa Creek	1,400	50.4	22.4	36.4	..	58.8	26	12.4	10	0.13	4	..	0.09	16	..
Earnsclough	500	53.0	26.5	39.8	-0.9*	63.0	29	21.4	10	0.23	5	-0.42*	0.14	6	..
Waipiata	1,550	48.6	31.1	39.8	+0.1	59.1	27	20.8	10	0.26	4	-0.77	0.13	17	172
Alexandra	520	53.3	28.4	40.8	-0.6	63.0	29	23.4	10	0.23	5	-0.40	0.11	6	171
Garston	1,009	51.6	28.3	40.0	..	60.1	29	19.8	10	2.08	11	..	0.83	14	..
Roxburgh Hydro	350	54.0	33.0	43.5	..	63.5	30	24.0	9	0.47	5	-0.50*	0.17	14	..
Moa Flat, West Otago	1,345	48.8	32.9	40.8	..	58.8	31	26.6	11	1.89	9	+0.16*	0.76	14	..
Taieri	80	54.1	33.2	43.6	-0.1*	66.0	31	24.5	10	0.63	5	-1.11*	0.33	14	156
Musselburgh, Dunedin	5	52.9	37.5	45.2	-0.3*	62.0	31	32.0	2	0.66	8	-1.42	0.21	14	159
Tapanui	550	51.0	35.6	43.3	..	61.7	31	28.7	10	3.56	10	..	1.51	17	..
East Gore	245	52.2	34.0	43.1	+0.4	64.0	31	25.8	11	2.95	12	+0.88	0.98	14	..
Gore	240	53.4	33.0	43.2	+0.2*	63.5	30, 31	25.0	9, 10	3.04	12	+0.97*	1.01	16	142
Otautau	180	52.4	33.9	43.2	+0.2*	60.5	30	24.2	11	2.57	13	-0.24*	1.10	17	147
Pebble Hills	150	52.2	35.0	43.6	..	64.0	30	25.0	10	2.76	13	+0.14*	1.17	17	..
Invercargill	8	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Invercargill Airfield	0	51.7	35.2	43.4	+0.4*	59.9	31	26.4	12	2.35	17	-0.59*	0.73	16	127

LATE RETURNS

Waerangi-o-Kuri, July 1959	1,130	52.7	36.2	44.4	-1.8*	60.1	28	24.1	11	7.05	12	+1.74*	2.21	26	..
Dannevirke, June 1959	685	53.0	36.7	44.8	..	60.5	13	26.7	30	1.16	9	-2.97*	0.52	22	..
Dannevirke, July 1959	685	51.9	36.6	44.2	..	61.0	28	25.7	22	2.91	16	-0.81*	1.29	26	..
Invercargill, July 1959	8	50.1	37.3	43.7	+2.0*	58.0	16	31.2	1, 7	2.63	24	-0.34	0.52	3	..

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 1959

General: August was comparatively dry and sunny over the greater part of the country, Northland and Gisborne being the chief exceptions. It was a good month for stock, and the absence of prolonged spells of cold wet weather made conditions particularly favourable for lambing. In some areas pastures were reported to be suffering from lack of rain.

The winter season as a whole has been unusually dry and sunny over most of the South Island and the southern half of the Wellington Province.

Rainfall: Rainfall was less than half the average value over the greater part of the South Island and in southern and western districts of the North Island. On the Kaikoura coast, the Canterbury Plains, and inland North Otago totals were mainly below half an inch and for some stations it was the driest August on record.

The only areas with rainfall somewhat above normal were Northland and Coromandel, Gisborne and northern Hawke's Bay, and parts of Southland.

For the winter season, June to August, Wellington received 6.17 in., the lowest rainfall ever recorded for this period. Dunedin received 3.25 in., the lowest since 1859.

Temperatures: Temperatures were about a degree above average in the North Island and in parts of Nelson and Marlborough. Elsewhere they were close to normal.

Sunshine: Over most northern and eastern districts of the South Island and in the southern half of the Wellington Province sunshine was 20–60 hours above average. In the same areas the total sunshine for the winter season was the highest for at least 27 years; for Masterton, Wellington, Christchurch, and Ashburton it was the highest on record.

Weather Sequence: On the 1st most of the country enjoyed fair weather under the influence of a large anticyclone centred to the east, but rain commenced in Northland with the approach of a complex depression across the North Tasman Sea. As the depression crossed the North Island during the next three days rain spread over the remainder of the North Island and parts of the South Island. Some considerable falls were reported in Northland and Nelson.

From the 5th to the 8th pressures were high to the north and very low to the south, and winds were mainly westerlies and north-westerlies. The weather was fair in most eastern districts, but elsewhere it was unsettled, with rain.

For the next four days an anticyclone was centred far to the east, with a ridge of high pressure over the South Island. Two depressions moved from the Tasman Sea past North Cape, and the first later reached the coast off Gisborne. Rain affected the greater part of the North Island, but especially northern and eastern districts.