

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for April 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.	
Hokitika South .. .. .	15	62.2	46.7	54.4	+1.5*	67.8	8	32.2	29	7.57	15	-1.26*	2.13	11	158
Balmoral .. .. .	650	64.5	41.2	52.8	+0.1*	77.0	15	22.0	30	3.94	9	+1.81	1.62	9	..
Lake Coleridge .. .. .	1,195	62.6	41.6	52.1	+0.5	73.5	7	28.0	30	5.22	9	+2.54	1.76	10	..
Eyrewell .. .. .	520	63.1	44.2	53.6	..	73.1	16	31.0	29	4.68	9	+1.79	1.29	10	..
Franz Josef .. .. .	450	63.7	46.2	55.0	..	70.9	3	32.7	29	10.98	14	..	3.02	27	..
Ashley Forest .. .. .	350	63.2	47.9	55.6	+2.7*	77.0	15	40.0	4	3.07	9	+0.61*	1.39	10	..
Darfield .. .. .	640	64.5	44.4	54.4	+2.0	76.8	6	30.7	29	5.90	9	+3.61	2.41	10	..
Christchurch Airport .. .. .	94	63.1	44.0	53.6	..	76.2	15	33.7	29	2.04	7	..	0.65	12	166
Christchurch .. .. .	22	64.7	45.9	55.3	+1.8	76.8	15	31.9	30	3.13	7	+1.28	0.90	12	..
Wigram .. .. .	74	64.0	45.6	54.8	+2.0*	78.5	15	30.0	30	2.17	7	-0.45*	0.74	12	..
Akaroa .. .. .	150	64.5	48.7	56.6	+1.1	81.2	15	35.0	26	5.59	12	+2.89	1.73	17	160
Lincoln .. .. .	36	63.3	44.5	53.9	+1.5	76.2	15	28.0	29	2.85	8	+1.03	0.65	17	168
Highbank .. .. .	1,102	62.0	43.8	52.9	..	71.3	6	32.8	30	5.26	9	..	1.52	11	184
The Hermitage .. .. .	2,510	59.7	40.5	50.1	+2.0	70.0	5	28.0	29, 30	11.16	10	-6.26	4.11	16	144
Winchmore .. .. .	626	61.6	44.0	52.8	-1.6*	74.0	6	28.7	30	2.15	8	-0.15*	1.01	11	..
Haast .. .. .	15	62.9	47.7	55.3	+1.5*	71.1	10	35.1	29	9.25	15	-2.06*	1.48	27	155
Ashburton .. .. .	323	66.2	45.1	55.6	+3.0	80.6	6	30.8	30	1.00	7	-1.41	0.35	12	159
Fairlie .. .. .	1,004	63.6	41.2	52.4	+2.2	73.0	6, 14	33.0	20	2.64	7	+0.27	1.16	10	..
Timaru .. .. .	56	63.9	46.2	55.0	+2.0	73.6	16	31.9	30	0.93	7	-0.73	0.57	10	165
Adair .. .. .	200	61.8	46.6	54.2	+2.1*	73.6	15, 16	33.8	30	0.96	7	-0.78*	0.64	10	..
Tara Hills, Omarama .. .. .	1,600	62.5	37.9	50.2	+0.5*	75.0	4	28.5	5	1.80	7	-0.01*	0.90	11	175
Benmore, Otematata .. .. .	920	64.1	41.8	53.0	..	75.5	6	32.5	30	1.30	6	..	0.44	11	..
Milford Sound .. .. .	20	61.8	46.5	54.2	+3.2	69.9	10	34.9	29	14.54	15	-7.24	5.17	15	..
Waimate .. .. .	200	65.0	45.2	55.1	+2.5	76.0	16	38.4	13	1.09	7	-0.75	0.45	10	160
Naseby .. .. .	2,300	60.1	37.7	48.9	..	71.4	6	25.8	30	2.06	10	..	0.40	26	..
Queenstown .. .. .	1,100	61.6	43.5	52.6	+1.9	72.9	4	35.4	19	3.30	11	+0.26	1.07	11	132
Cromwell .. .. .	720	64.7	41.4	53.0	+2.5	76.8	4	31.0	24	1.68	9	+0.23	1.16	11	..
Ophir .. .. .	1,000	64.0	38.7	51.4	+2.1	74.8	4	28.0	4	2.15	8	+0.68	1.45	11	..
Moa Creek .. .. .	1,400	62.0	35.1	48.6	..	73.0	5	19.6	4	1.08	7	..	0.34	11	..
Earnsclough .. .. .	500	64.8	38.6	51.7	+1.3	75.6	6	30.5	4	1.95	8	+0.67	1.40	11	..
Waipiata .. .. .	1,550	60.5	40.0	50.2	+0.7	73.6	4	31.5	29	0.86	6	-0.62	0.28	28	135
Alexandra .. .. .	520	64.3	41.4	52.8	+1.7	76.2	6	33.3	30	1.16	9	-0.19	0.60	11	151
Garston .. .. .	1,009	62.2	38.6	50.4	..	75.2	4	27.2	5	2.63	10	..	0.46	11, 28	..
Roxburgh Hydro .. .. .	350	64.9	42.0	53.4	..	77.2	6	32.0	19	1.78	13	+0.36*	0.93	28	..
Mid Dome .. .. .	1,252	62.9	41.1	52.0	..	72.6	5	32.4	28	4.51	9	..	1.56	11	..
Moa Flat, West Otago .. .. .	1,345	58.5	41.6	50.0	..	69.3	3	31.9	29	2.50	11	+0.23*	0.61	17	..
Taieri .. .. .	80	62.3	42.5	52.4	+1.1*	76.4	6	34.0	5	3.57	11	+1.47*	0.99	17	104
Musselburgh, Dunedin .. .. .	5	60.4	46.9	53.6	+0.8*	72.6	6	37.0	28	3.27	14	+0.78	0.94	10	106
Tapanui .. .. .	550	60.6	44.0	52.3	..	73.0	3	32.3	28	3.64	15	..	0.87	28	..
East Gore .. .. .	245	62.1	44.1	53.1	+2.7	76.0	4	34.0	4	4.45	15	+1.60	1.29	11	..
Gore .. .. .	240	62.6	43.4	53.0	+2.3*	75.0	15	34.0	28	4.33	14	+1.48	1.33	11	96
Otautau .. .. .	180	60.9	43.5	52.2	+2.5*	70.2	8	31.5	3	5.63	12	+2.03*	1.38	11	119
Pebble Hills .. .. .	150	61.0	44.2	52.6	..	72.0	5, 6	32.0	5	4.47	15	+0.80*	1.15	11	..
Invercargill .. .. .	8	60.3	46.2	53.2	+2.4	73.6	5	37.0	3, 28	4.76	15	+0.98*	1.38	27	..
Invercargill Airfield .. .. .	0	59.7	43.5	51.6	+1.7*	69.6	5	29.3	3	4.72	15	+1.00*	1.35	27	93

LATE RETURNS

Waerangi-o-Kuri, Mar 1959	1,130	66.8	52.7	59.8	+0.3*	76.2	11	39.3	28	4.53	18	-0.97*	1.26	7	..
Dannevirke, Mar 1959	685	68.1	52.1	60.1	..	78.0	9	32.8	27	3.06	15	+0.25*	1.05	17	..
Wallaceville, Mar 1959	195	68.1	51.9	60.0	+2.6*	80.0	16	35.0	27, 28	2.65	10	-0.20*	1.49	11	178

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 APRIL 1959

General: April was a good month for growth and for stock, apart from the persistence of damp conditions in parts of the North Island, adversely affecting the lambs. In the South Island the rain was appreciated after the previous dry spell in some areas, and the mildness of the weather also proved beneficial.

Rainfall: Rainfall was appreciably above normal over most of the Auckland and Canterbury provinces and also in parts of Nelson and Marlborough. It was more than double the average value in Rotorua-Taupo and south Waikato. Elsewhere rainfall was mainly close to normal.

Many thunderstorms were reported in the Rotorua district and the Waikato on the 8th and 9th, with some local flooding. Around Rotorua the total rainfall for these two days ranged from 8 to 11 inches.

Temperatures: Over the South Island (except Nelson and Marlborough) it was 1-3 degrees warmer than usual. Elsewhere temperatures were close to average.

Snow fell on the ranges of both islands during a spell of cold south-westerly weather in the last week of the month.

Sunshine: Northern and western districts of both islands and Canterbury were favoured with somewhat more sunshine than usual, mainly by 15 to 30 hours. In coastal Otago and parts of Southland totals were below normal by 20 hours.

Weather Sequence: During the first four days fine weather prevailed as an anticyclone moved across the South Island. However, pressure remained low to the north, and showers were reported in Northland.

The period from the 5th to the 13th was one of particularly unsettled and wet weather for the Auckland Province. Rain set in over the province on the 5th with the movement of a depression down the east coast of Northland; thunderstorms were reported in the Waikato. On the following day pressures commenced to fall over the remainder of the country, and the rain spread southward

to Wellington. From 7th to the 12th the weather was dominated by a depression which developed over the Tasman Sea west of Cook Strait. Precipitation became general in the moist northerly airstream on the 8th and 9th, with thunderstorms in many parts of the Auckland Province. Heaviest rainfall was reported in Rotorua-Taupo and parts of the Nelson Province. The rain became lighter from the 10th to the 12th as the depression lost intensity and moved slowly across the country. Some light rain still persisted in South Auckland on the following day, but generally the weather improved with rising pressures.

On the 14th and 15th the weather was fine under the influence of an anticyclone moving across the North Island. For the next three days the country was affected by a depression passing to the south, and later by another depression which developed to the east. Heavy rain soon developed on the West Coast and in the Alps. Light falls were later reported in other districts with the passage of a trough of low pressure associated with the first of the two depressions.

From the 19th to the 26th the weather was again mainly fine, under the influence of a slow-moving anticyclone. Some light rain was reported at times on the western and southern coasts of the South Island; and parts of Northland received some showers on the 25th.

On the 27th the weather deteriorated generally with the passage of a trough of low pressure associated with a very deep depression passing near Campbell Island. For the remaining four days of the month this depression persisted far to the south-east, while an anticyclone was centered over eastern Australia. A cold south-westerly airstream covered the country, with showers in many districts. Snow fell on the ranges of both islands. The weather showed some improvement with rising pressures, and on the last day only a few showers were reported.

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