

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

Station	Height of Station Above M.S.L.	Air Temperatures in Degrees (Fahrenheit)							Rainfall in Inches					Bright Sunshine 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.			Max-imum	Date	Mini-um	Date				Amount		Date
	Ft.	°F.	°F.	°F.	°F.	°F.	°F.	°F.	In.		In.				
Riwaka .. .. .	25	56.1	34.2	45.2	-0.1*	64.9	14	27.5	25	3.56	13	-1.7*	0.58	29	..
Rai Valley .. .. .	250	52.7	32.3	42.5	..	60.5	18	21.4	25	3.38	11	-3.6*	1.09	19	..
Nelson Airfield .. .. .	5	54.0	33.4	43.7	-0.4	61.1	14	26.6	25	1.84	13	-1.3*	0.40	4	138
Moutere Hills .. .. .	450	52.8	40.3	46.6	..	63.0	14	33.4	30	2.37	12	..	0.35	27	..
Appleby, Nelson .. .. .	57	54.8	36.2	45.5	-0.3	62.1	18	29.2	9	2.20	12	-1.3*	0.48	4	..
Woodbourne .. .. .	89	54.5	35.1	44.8	+0.7	66.0	15	27.7	9	1.19	9	-1.3*	0.38	4	..
Blenheim .. .. .	14	55.7	34.5	45.1	+0.2	67.8	15	27.7	10	0.94	9	-1.4*	0.19	4, 19	171
Lake Grassmere .. .. .	15	54.3	36.5	45.4	+0.0*	65.2	3	26.0	11	1.50	8	-0.5*	0.78	23	159
Golden Downs .. .. .	900	49.6	28.9	39.2	-1.6	58.2	14	20.9	12	4.40	13	+0.0	0.77	20	..
Waihopai .. .. .	860	52.0	32.0	42.0	-1.4	61.8	1	25.0	9	2.42	10	-0.3	0.50	3	..
Westport .. .. .	7	53.8	41.0	47.4	+1.0	58.0	3, 19	35.5	25	7.74	14	+0.2*	1.15	26	117
Molesworth .. .. .	2,930	44.2	21.6	32.9	-2.3	58.0	16	9.0	29	3.32	9	+1.5*	0.88	28	..
Reefton .. .. .	630	47.2	30.5	38.8	..	55.5	3	19.0	15	9.45	14	..	1.50	19	..
Totara Flat .. .. .	254	49.4	31.0	40.2	..	55.0	19	20.0	15	10.39	15	..	1.80	27	..
Greymouth .. .. .	13	53.2	39.0	46.1	-0.7	58.3	19	30.0	15	10.51	14	+2.4*	2.17	19	103
Hanmer Forest .. .. .	1,270	47.7	28.0	37.8	-1.9	63.0	17, 19	19.0	11, 12	5.60	12	+2.1	1.15	27	106
Hokitika South .. .. .	15	53.1	35.1	44.1	-0.2	57.5	19	28.0	9	9.93	15	+1.9*	1.53	19	114
Balmoral .. .. .	650	50.8	26.8	38.8	-2.5*	64.0	19	18.0	13, 15	2.18	7	-0.1	0.64	3	..
Lake Coleridge .. .. .	1,195	48.0	28.4	38.2	-2.2	59.0	2	20.0	10	4.47	10	+1.9	1.24	27	..
Eyrewell .. .. .	520	51.3	28.9	40.1	-0.6*	66.8	19	21.6	15	1.79	7	-0.5*	0.94	3	..
Franz Josef .. .. .	392	52.9	35.6	44.2	+0.0*	58.5	15	29.3	29	14.25	13	+1.4*	2.92	27	..
Ashley Forest .. .. .	350	51.5	34.5	43.0	+0.3	65.0	19	28.5	13, 15	1.85	6	-0.7*	1.00	3	..
Darfield .. .. .	640	52.9	31.8	42.4	+0.6	63.4	19	24.7	14	1.78	9	-0.7	0.85	3	..
Christchurch Airport .. .. .	94	52.0	31.9	42.0	-0.6*	69.5	19	23.4	13	1.09	8	-1.1*	0.73	3	154
Christchurch .. .. .	22	53.3	32.2	42.8	-0.4	69.9	19	24.3	10	1.03	8	-1.7	0.71	3	..
Hororata .. .. .	631	51.8	28.7	40.2	..	66.3	19	19.9	14	1.68	9	..	0.82	3	..
Onawe, Akaroa .. .. .	150	54.1	38.5	46.3	+0.7	66.0	19	31.0	10	2.11	11	-2.6	0.54	3	131
Lincoln .. .. .	36	52.0	30.7	41.4	-0.7	66.3	19	21.1	14	1.50	8	-1.2	0.60	3	157
Highbank .. .. .	1,102	50.4	35.9	43.2	+0.7*	63.0	17	29.0	24	2.12	10	-0.4*	0.67	3	162
The Hermitage .. .. .	2,510	44.6	28.2	36.4	+0.1	57.0	16	20.0	9	15.52	9	+4.1	4.93	19	73
Haast .. .. .	15	52.5	37.2	44.8	-0.8	57.3	19	28.6	30	10.91	14	+1.8*	1.80	27	127
Winchmore .. .. .	526	50.6	30.5	40.6	+0.2	62.7	19	22.0	14	1.69	8	-0.5*	0.75	3	..
Ashburton .. .. .	323	53.3	30.9	42.1	+0.3	67.2	19	21.8	30	2.17	6	-0.2	0.86	23	156
Temuka .. .. .	80	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lake Tekapo .. .. .	2,240	44.5	29.1	36.8	+0.4	59.0	3	20.2	10	2.26	9	+0.9	0.80	19	102
Fairlie .. .. .	1,004	50.0	24.7	37.4	-1.0	65.0	2	13.0	10	0.97	7	-0.5	0.45	17	..
Timaru .. .. .	56	52.2	32.0	42.1	-0.3	66.1	19	26.2	13	1.67	6	+0.1	0.84	3	148
Adair .. .. .	200	51.4	35.1	43.2	-0.2*	64.2	3, 19	30.0	7	1.32	6	-0.3*	0.81	3	..
Tara Hills, Omarama .. .. .	1,600	44.2	26.9	35.6	+0.3*	59.5	3	18.9	12, 13	2.30	12	+1.0*	0.62	19	142
Benmore, Otematata .. .. .	920	46.2	29.7	38.0	..	60.8	3	23.6	15	1.79	11	..	0.45	19	..
Lake Hawea .. .. .	1,147	46.4	31.2	38.8	..	57.9	17	20.6	14	3.02	10	-0.9	1.33	19	..
Milford Sound .. .. .	20	48.4	35.4	41.9	+0.0	58.0	17	29.1	14	19.49	15	+4.8	4.22	19	..
Waimate .. .. .	200	55.0	32.5	43.8	+0.5	67.0	3	26.0	13	1.57	7	-0.6	0.65	3	150
Naseby Forest .. .. .	2,300	44.4	26.0	35.2	-0.6	57.0	17	18.1	13	2.73	9	+1.1	0.74	19	..
Queenstown .. .. .	1,080	45.0	32.2	38.6	-0.9	57.1	17	27.0	9	4.17	12	+2.0	0.99	17	68
Cromwell .. .. .	720	46.0	27.0	36.5	-0.9*	62.1	3	14.9	13	1.19	10	+0.2*	0.25	19	..
Ophir .. .. .	1,000	46.6	23.2	34.9	-0.6	59.4	17	11.0	13	1.18	8	+0.2	0.31	19	..
Moa Creek .. .. .	1,400	44.7	20.8	32.8	-0.9	55.5	2	9.6	15	1.17	10	-1.6	0.23	30	..
Earnsclough .. .. .	500	46.6	22.3	34.4	-2.6	61.5	17	11.0	14	0.82	9	+0.0*	0.26	26	..
Waipiata .. .. .	1,550	45.9	28.4	37.2	+0.1	56.5	3	18.0	24	2.43	7	+1.5	1.00	30	112
Alexandra .. .. .	520	45.4	25.6	35.5	-2.2	61.0	17	14.0	15	0.89	13	+0.1	0.13	26	113
Roxburgh Hydro .. .. .	350	47.3	31.9	39.6	-0.2*	64.0	17	24.1	24	1.19	11	-0.3*	0.34	30	..
West Arm, Lake Manapouri .. .. .	593	43.2	34.7	39.0	..	55.7	17	28.7	16	16.25	14	..	4.26	18	..
Mid Dome .. .. .	1,252	46.9	31.9	39.4	+0.9*	61.0	17	20.6	14	5.66	16	+2.7*	0.80	30	..
Cherry Farm, Waikouaiti .. .. .	21	51.4	31.7	41.6	..	62.1	19	25.5	5	0.76	10	..	0.17	30	..
Moa Flat, West Otago .. .. .	1,345	44.6	31.7	38.2	+0.3*	56.0	17	23.0	24	2.97	15	+0.2	0.60	27	..
Taieri .. .. .	80	50.1	32.6	41.4	-0.4	62.2	19	22.4	15	1.21	11	-1.2*	0.49	27	111
Musselburgh, Dunedin .. .. .	5	50.3	37.4	43.8	+0.2*	61.0	19	31.8	15	1.62	13	+1.3	0.47	27	117
Riversdale .. .. .	419	48.1	31.8	40.0	..	63.1	14	21.1	13	4.18	17	..	0.75	27	..
Tapanui .. .. .	550	47.5	34.2	40.8	+0.5	58.0	17	29.0	24	4.35	18	+0.6	0.76	30	..
East Gore .. .. .	245	47.4	34.4	40.9	+0.6	59.0	17	26.0	15	5.14	17	+2.1	0.90	29	..
Gore .. .. .	240	48.7	34.1	41.4	+0.8	59.0	17	26.0	15	5.72	17	+2.8	1.06	29	76
Otautau .. .. .	180	49.0	34.9	42.0	+0.4*	60.0	17	28.0	13	6.18	21	+2.4	0.90	29	76
Pebble Hills .. .. .	150	48.8	34.1	41.4	+0.9*	56.0	2, 17	25.0	13	6.03	18	+2.5	1.31	30	..
Invercargill Airfield .. .. .	0	48.8	34.7	41.8	+0.2	56.4	2	28.0	15	5.02	23	+1.1	0.63	25	68
Scott Base, Antarctica .. .. .	45	..	..	..	..	..	..	..	..	..	..	..	..	..	..

Supplementary data sunshine: Foxton 114 hrs, Kaikoura 167 hrs, and Oamaru 147 hrs.

LATE RETURNS

Whatawhata, May 1961 .. .. .	340	61.1	44.7	52.9	+0.3*	67.0	9	35.5	28	4.70	17	-1.3*	0.89	16	122
Kuripapanga, May 1961 .. .. .	1,600	56.4	35.6	46.0	-0.9*	62.1	21	22.4	31	6.56	12	-0.1*	..	..	..
Gracefield, Lower Hutt, May 1961 .. .. .	10	58.5	43.3	50.9	..	66.0	18	34.2	28	2.54	16	..	0.83	13	..
Tanuka, May 1961 .. .. .	80	55.1	37.5	46.3	..	66.1	22	29.4	23	3.97	14	..	1.03	12	..

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 JUNE 1961

General: Although June on the whole was not a particularly cold month, it will be remembered in some parts of the country for an unusually high frequency of snow, with heavy falls in the last few days of the month. In Southland and West Otago farmers were anticipating a serious setback to stock from the snow cover.

Elsewhere conditions varied greatly. It was too wet in parts of the Auckland and Hawke's Bay Provinces. However, in many districts stock were reported to be wintering well.

A strong south-westerly gale did some damage in northern Northland on the 9th.