

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for July 1961—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.		In.			In.		Hrs.
Riwaka	25	54.9	33.7	44.3	-0.2*	62.0	29	26.3	3	10.95	13	+6.1*	3.88	16	..
Rai Valley	250	52.9	32.5	42.7	..	58.8	31	20.4	2	8.35	13	+1.8*	2.50	16	..
Nelson Airfield	5	52.5	33.2	42.8	-0.5	60.9	30	24.4	4	5.77	10	+2.9*	2.80	16	174
Moutere Hills	450	51.4	39.1	45.2	..	58.0	29	33.8	4, 5	7.31	12	..	3.27	16	..
Appleby, Nelson	57	53.5	34.9	44.2	-0.8	60.3	29	27.5	3	7.02	11	+3.8*	3.11	16	..
Woodbourne	89	54.0	35.9	45.0	+1.7	61.4	30	27.4	25	3.54	12	+0.8*	0.94	16	..
Blenheim	14	54.8	35.9	45.4	+1.3	62.1	30	27.0	2	3.38	9	+1.0*	0.98	17	171
Lake Grassmere	15	53.1	38.5	45.8	+1.3*	61.4	31	27.0	3, 5	4.11	12	+2.0*	1.20	20	166
Golden Downs	900	49.5	29.4	39.4	-0.4	56.2	22	19.6	4	8.62	14	+4.2	2.83	16	..
Waihopai	860	52.2	32.6	42.4	-0.1	58.0	6	25.9	3	5.64	11	+2.7	2.08	16	..
Westport	7	53.3	40.5	46.9	+1.1	58.0	21	35.0	4, 26	9.97	15	+3.0*	1.69	29	133
Black Birch Range	4,500	36.5	26.6	31.6	..	44.5	4, 27	19.9	11	7.64	14	..	2.65	17	..
Jordan, Awatere	1,000	52.4	33.5	43.0	..	60.4	31	23.0	4	5.60	12	..	1.84	17	..
Molesworth	2,930	42.3	23.9	33.1	-1.5	54.0	27	11.0	5, 15	4.67	15	+2.9*	1.20	7	..
Reefton	630	45.1	30.2	37.6	..	53.2	18	20.5	27	9.07	18	..	1.58	6	..
Totara Flat	254	49.5	31.1	40.3	..	58.0	31	22.0	4, 27	9.17	16	..	1.98	6	..
Greymouth	13	51.7	39.2	45.4	-0.2	56.3	29	33.1	2	8.64	17	+1.1*	1.35	6	104
Hanmer Forest	1,270	48.4	30.3	39.4	+0.9	59.6	29	18.0	4	4.32	16	+0.6	0.83	17	92
Hokitika South	15	51.6	35.1	43.4	-0.2	56.1	20	28.0	3	11.09	17	+2.8*	1.83	6	118
Balmoral	650	51.7	30.4	41.0	+1.6*	61.0	29, 30	17.5	4	2.36	11	+0.3	0.74	18	..
Lake Coleridge	1,195	48.4	30.9	39.6	+0.8	61.0	27	22.0	3, 25	5.50	15	+2.4	1.43	18	..
Eyrewell	520	50.2	30.1	40.2	+0.4*	61.0	6	20.9	4	5.33	11	+3.0*	1.37	17	..
Franz Josef	392	51.8	35.5	43.6	-0.1*	58.6	20	27.0	1	14.74	15	+2.7*	2.44	28	..
Ashley Forest	350	50.7	36.0	43.4	+1.6	63.5	6	26.5	5	5.52	11	+3.0*	1.72	18	..
Darfield	640	50.9	32.4	41.6	+0.8	62.7	31	24.2	4	5.05	11	+2.8	1.32	18	..
Christchurch Airport	94	51.2	33.5	42.4	+1.0*	62.8	29	22.8	5	4.90	12	+2.2	1.68	17	106
Christchurch	22	52.0	34.7	43.4	+1.1	64.9	29	24.3	5	4.63	13	+2.9	1.27	17	..
Hororata	631	50.8	30.5	40.6	..	63.6	6	19.0	5	5.26	12	..	1.53	18	..
Onawe, Akaroa	150	51.6	38.7	45.2	+0.6	60.2	31	29.8	4	10.80	14	+6.7*	3.14	17	74
Lincoln	36	51.1	33.4	42.2	+1.1	63.0	31	20.6	5	3.60	14	+1.3	0.91	17	95
Highbank	1,102	49.1	35.6	42.4	+1.1*	62.0	28	27.0	8	5.72	12	+2.9*	1.87	18	123
The Hermitage	2,510	41.6	27.8	34.7	+0.2	50.0	5	20.0	25	15.04	15	+4.2	3.31	29	58
Haast	15	52.6	37.3	45.0	+0.2	61.2	18	29.3	8	10.13	15	+1.8*	2.01	16	122
Winchmore	526	49.7	32.4	41.0	+1.3	61.8	6	21.6	4	3.78	10	+1.8*	1.14	18	..
Ashburton	323	51.1	32.3	41.7	+0.6	64.6	6	20.6	5	3.52	9	+1.3	1.14	18	89
Temuka	80	49.9	32.6	41.2	..	63.8	30	24.9	8	4.16	9	..	1.81	18	..
Lake Tekapo	2,240	42.7	27.6	35.2	+1.1	53.0	6	19.0	25	7.31	10	+5.7	2.95	19	95
Fairlie	1,004	48.4	28.0	38.2	+1.2	62.0	6	15.0	5	5.56	13	+3.8	1.87	19	..
Timaru	56	49.6	34.6	42.1	+0.7	61.8	6	27.7	3	3.36	9	+1.9	1.35	18	85
Adair	200	48.5	34.7	41.6	-0.3*	62.2	6	23.2	5	4.22	9	+2.5*	1.75	18	..
Tara Hills, Oamarua	1,600	43.6	27.2	35.4	+0.1*	56.4	11	14.8	8	2.07	13	+0.7*	0.83	18	112
Benmore, Otematata	920	46.0	31.4	38.6	..	56.7	29, 31	24.8	12	2.90	11	..	1.36	18	..
Lake Hawea	1,147	45.4	32.4	38.9	..	54.1	28, 29	24.9	3	3.06	13	+1.0	0.74	6	..
Milford Sound	20	50.2	35.7	43.0	+1.8	61.2	18	29.0	5	19.91	15	+5.2	6.73	29	..
Waimate	200	50.1	34.0	42.0	+0.0	62.4	30	25.0	8, 26	4.40	12	+2.7	1.53	18	92
Naseby Forest	2,300	43.9	25.4	34.6	-0.1	57.4	28	10.8	5	2.14	8	+0.9*	0.78	19	..
Queenstown	1,080	45.6	31.7	38.6	+0.3	52.8	31	23.6	4	3.62	15	+1.4	1.09	29	69
Cromwell	720	46.7	29.9	38.3	+1.3*	60.0	30	20.5	3	1.00	12	+0.1*	0.54	18	..
Ophir	1,000	45.2	25.4	35.3	+0.5	56.8	29	15.3	4	0.42	2	-0.4	0.34	18	..
Moa Creek	1,400	42.8	24.6	33.7	+0.1*	57.6	30	11.0	4	0.47	7	-1.4	0.18	18	..
Earnsclough	500	46.2	27.4	36.8	+1.1	61.0	30	18.0	3	0.54	9	-0.2*	0.26	18	..
Waipiata	1,550	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Alexandra	520	46.7	29.1	37.9	+1.6	60.5	30	21.5	3, 25	0.36	7	-0.3	0.10	6	90
Roxburgh Hydro	350	48.9	31.9	40.4	+1.4*	61.7	30	21.6	27	0.51	10	-0.6*	0.17	9	..
West Arm, Lake Manapouri	593	42.7	34.8	38.8	..	53.0	18	26.7	8	10.36	19	..	2.81	6	..
Mid Dome	1,252	46.2	28.4	37.3	-0.4*	58.8	28	9.5	4	1.93	13	-0.5*	0.70	9	..
Cherry Farm, Waikouaiti	21	47.3	32.2	39.8	..	62.8	30	24.6	4	3.57	12	..	1.17	18	..
Moa Flat, West Otago	1,345	43.9	30.3	37.1	-0.1*	56.4	30	17.1	4	1.09	13	-0.8	0.29	9	..
Taieri	80	48.7	32.9	40.8	-0.2	62.8	30	22.5	5	3.47	14	+1.6	1.31	18	85
Musselburgh, Dunedin	5	48.1	36.9	42.5	-0.3*	62.5	30	27.0	5	3.33	15	+0.8	0.95	19	78
Riversdale	419	44.7	28.8	36.8	..	59.8	28	16.8	4	3.37	14	..	0.70	16	..
Tapanui	550	45.8	32.6	39.2	-0.6	58.1	28	23.5	4	2.62	16	+0.0	0.55	18	..
East Gore	245	45.9	32.1	39.0	-0.4	60.0	30	24.2	4	2.46	17	+0.3	0.48	5	..
Gore	240	46.0	32.0	39.4	-0.3	60.6	30	25.0	9, 26	2.46	19	+0.4*	0.49	5	58
Otautau	180	47.6	33.1	40.4	+1.2*	60.5	28	25.5	26	3.13	14	+0.4*	0.66	8	72
Pebble Hills	150	47.0	33.2	40.1	+0.4*	61.9	28	25.0	25, 26	3.42	17	+0.9*	0.58	5	..
Invercargill Airfield	0	47.2	33.4	40.3	-0.2	59.0	28	25.2	26	2.96	19	+0.2*	0.56	10	62
Scott Base, Antarctica	45	..	..	-28.5	..	5.7	..	-59.8	..	..	..	..	..	..	..

Supplementary data sunshine: Foxton 140 hrs., Kaikoura 124 hrs., and Oamaru 91 hrs.

LATE RETURNS

Marsden Point, Whangarei, Jun 1961	11	62.1	48.4	55.2	..	68.4	7	40.6	13	14.96	22	..	5.49	13	..
Pukahunui, Kaingaroa, Jun 1961	2,190	46.5	33.4	40.0	-0.6	55.1	17	25.0	10	6.51	20	+0.5*	1.25	23	..
Ngaumu, Masterton, Jun 1961	600	52.8	33.7	43.2	-0.2*	61.7	20	22.8	6	4.75	14	-0.3*	2.23	23	..
Temuka, Jun 1961	80	52.9	30.2	41.6	..	66.8	19	24.1	30	1.23	7	..	0.68	3	..
Scott Base, Antarctica, May 1961	45	..	..	-12.5	..	16.9	..	-36.9	..	..	..	..	..	..	..
Scott Base, Antarctica, Jun 1961	45	..	..	-17.5	..	12.9	..	-50.4	..	..	..	..	..	..	..

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.