

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for July 1973—continued

Station	Height of Station Above M.S.L.	Air Temperatures in Degrees (Celsius)								Rainfall (in millimetres)					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	
Metres	°C	°C	°C	°C	°C	°C	°C	°C	mm	mm	mm	Hrs.			
Waimate .. .. .	61	9.7	0.3	5.0	-0.7	13.4	9	-4.5	4	9	5	-34	5	6	120
Otake Farm .. .. .	183	9.2	-1.1	4.1	..	14.4	8	-6.1	30	3	3	..	2	5	..
Livingstone Substation .. .. .	305	8.7	-1.4	3.7	..	15.2	21	-6.6	3	4	4	..	2	6	..
Oamaru Aerodrome .. .. .	30	8.6	-0.6	4.0	-0.9	12.0	9	..	..	5	5	-31	3	6	..
Tara Hills, Omarama .. .. .	488	5.3	-4.9	0.2	-1.1	10.5	8	-9.8	14	4	5	-32	3	22	128
Lake Hawea .. .. .	350	6.9	-0.8	3.1	-0.2	14.4	21	-4.3	31	16	5	-37	11	22	..
Wanaka .. .. .	296	7.6	-1.9	2.9	..	13.9	21	-5.7	3	15	4	-28	9	22	..
Naseby Forest .. .. .	610	5.9	-4.2	0.9	-0.7	13.8	21	-8.8	31	7	7	-23	2	22	..
Herbert Forest .. .. .	61	10.2	-1.7	4.3	..	13.0	23	-5.0	31	6	4	-37	4	6	..
Palmerston .. .. .	21	9.9	-2.4	3.8	..	13.0	23	-8.7	31	5	6	..	2	6	159
Cherry Farm Hospital .. .. .	6	9.7	-0.5	4.6	+0.1	12.9	17	..	..	9	8	-34	3	24	..
Taiaroa Head .. .. .	72	8.3	4.1	6.2	-0.5	11.2	23	2.4	13	25	9	-33	9	24	..
Invermay, Taieri .. .. .	24	10.1	-1.3	4.4	-0.4	13.8	5	-6.0	31	19	7	-29	8	25	..
Berwick Forest .. .. .	18	9.2	-0.9	4.2	-0.4	13.0	23	-5.5	31	17	8	-34	7	24	..
Dunedin Airport .. .. .	1	9.4	-2.6	3.4	-1.2	13.4	23	-7.4	3	13	8	-30	6	24	136
Musselburgh, Dunedin .. .. .	2	9.1	2.5	5.8	-0.4	13.0	21	-2.0	30	23	9	-41	8	24	135
Oamaru, Iona Hospital .. .. .	14	9.7	0.9	5.3	-0.7	13.2	9	-3.3	30	5	4	-28	4	6	135
Takahe Valley .. .. .	762	..	..	..	..	..	..	..	..	..	..	..	..	..	..
West Arm, Manapouri .. .. .	232	5.6	1.1	3.4	+0.2	9.6	23	-2.5	14	49	13	-182	16	21	..
Queenstown .. .. .	329	7.1	-0.7	3.2	-0.3	11.7	8	-4.0	14	11	8	-45	6	22	113
Queenstown Aerodrome .. .. .	349	7.5	-2.4	2.6	..	11.8	8	-6.0	15	16	6	..	6	22	..
Mid Dome .. .. .	386	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cromwell .. .. .	213	5.7	-3.0	1.4	-1.2	13.8	8	-8.6	4	16	5	-7	13	22	..
Clyde .. .. .	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ophir .. .. .	305	5.3	-4.5	0.4	-0.8	14.2	21	-9.2	3	11	4	-9	5	22	..
Moa Creek .. .. .	427	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Earnsclough .. .. .	152	6.5	-3.7	1.4	-0.8	..	..	-9.1	3	12	5	-6	9	22	..
Alexandra .. .. .	141	6.0	-3.3	1.4	-1.0	11.8	8	-7.7	3	14	6	-4	8	22	85
Manorburn Dam .. .. .	746	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Roxburgh Power Station .. .. .	110	7.3	-0.3	3.5	-0.7	13.5	21	-3.9	13	18	5	-10	10	22	..
Moa Flat .. .. .	410	6.8	-1.0	2.9	+0.0	12.5	21	-4.9	16	42	9	-6	17	24	..
Mahinerangi Dam .. .. .	396	7.6	-1.1	3.3	+0.0	13.9	21	-6.2	30	42	9	-24	15	24	..
Tapanui .. .. .	226	8.7	-0.1	4.3	-0.3	15.0	21	-5.7	15	47	11	-19	20	24	..
Rankleburn Forest .. .. .	255	7.4	-0.2	3.6	-0.2	13.5	21	-4.8	15	27	8	-34	13	24	..
Taieri Mouth .. .. .	15	9.4	0.6	5.0	..	13.3	23	-3.7	30	25	5	-36	14	24	..
Otautau .. .. .	55	9.8	-0.6	4.6	+0.3	13.1	5	-4.6	30	36	10	-33	12	24	126
Winton .. .. .	44	9.7	0.9	5.3	+0.4	13.9	4	-3.8	16	23	10	..	5	24	148
Gore, DSIR .. .. .	123	7.2	-0.4	3.4	..	12.7	21	-4.7	30	50	14	-3	17	24	138
Hokonui Forest .. .. .	46	9.5	0.0	4.8	+0.3	13.5	4	-4.5	15	31	10	-33	8	24	..
Woodlands .. .. .	47	9.0	0.8	4.9	..	12.5	21	-3.8	15	46	14	..	9	22	..
Invercargill Aerodrome .. .. .	0	9.4	-0.3	4.6	-0.1	12.3	4	-4.6	16	35	12	-36	10	7	114
Tiwai Point, Bluff .. .. .	5	9.5	1.9	5.7	..	11.9	4	-2.6	12	22	12	..	7	22	..
Milton .. .. .	18	9.0	-1.5	3.8	-0.5	12.6	23	-6.1	3	18	10	-33	7	24	..
Finegand, Balclutha .. .. .	6	8.8	-0.3	4.3	-0.1	11.4	23	-4.2	31	15	10	..	5	24	126
Nugget Point .. .. .	129	8.0	2.5	5.3	..	12.4	23	-1.1	30	40	17	-26	14	24	..
Rarotonga Airport .. .. .	7	25.5	19.9	22.7	+1.1	28.4	28	16.4	19	44	14	-68	7	4	148
Raoul Island .. .. .	38	18.9	14.1	16.5	+0.5	21.8	23	11.1	31	140	24	-30	50	11	157
Waitangi, Chatham Islands .. .. .	48	9.1	3.6	6.4	-1.1	12.5	24	0.8	20	42	21	-49	9	30	60
Campbell Island .. .. .	15	7.4	3.7	5.6	+1.0	11.2	20	1.1	7	97	17	-9	44	23	15
Scott Base, Antarctica .. .. .	16	..	..	-26.9	..	-7.8	9	-49.1	19	..	..	..	..	..	..

  

LATE RETURNS AND CORRECTIONS															
Purukohukohu, June 1973 .. .. .	631	10.8	5.0	7.9	..	15.2	5	-0.7	23	139	18	..	40	9	..
Wairapukao Forest, June 1973 .. .. .	437	12.6	0.8	6.7	+0.8	21.6	6	-7.0	30	115	14	-15	40	5	..
Minginui Forest, May 1973 .. .. .	366	14.8	2.8	8.8	+0.8	19.5	6	-5.8	11	90	16	-57	15	12	..
Minginui Forest, June 1973 .. .. .	366	14.0	1.7	7.9	+2.1	18.2	6	-8.0	29	58	14	-69	10	26	..
Auckland Airport, June 1973 .. .. .	8	15.3	8.7	12.0	+1.1	18.9	4	1.4	19	131	16	+1	38	5	120
Otutira, June 1973 .. .. .	579	11.2	4.5	7.9	+1.2	14.6	15	-0.4	30	115	15	..	31	9	..
Makahu Spur, May 1973 .. .. .	1,478	6.9	1.8	4.4	..	14.3	3	-6.0	22	..	..	..	..	..	..
Makahu Spur, June 1973 .. .. .	1,478	4.9	0.9	2.9	..	13.0	2	-4.0	19	..	..	..	..	..	..
Kapiti Island, June 1973 .. .. .	16	12.5	8.7	10.6	+0.8	16.0	3	4.8	19	143	19	+49	29	10	..
Ohakune, January 1973 .. .. .	610	22.1	7.7	14.9	+1.1	26.0	3	0.7	13	76	10	-33	22	16	262
Murchison, June 1973 .. .. .	158	9.7	2.4	6.1	..	14.8	6	-3.5	14	120	13	..	28	7	..
Black Birch Range, June 1973 .. .. .	1,396	5.0	-0.6	2.2	+1.1	15.2	1	-4.5	14	66	..	-43	..	..	..
Fairlie, June 1973 .. .. .	306	11.1	-3.0	4.1	+0.5	18.2	1	-7.6	21	29	..	-9	11	5	..
Haldon, June 1973 .. .. .	399	..	..	..	..	..	..	..	..	11	2	..	6	5	..
Woodlands, June 1973 .. .. .	47	9.9	2.3	6.1	..	16.0	1	-1.2	15	68	17	..	12	9	..
Rarotonga, Airport, June 1973 .. .. .	7	26.1	20.6	23.4	+1.0	28.2	2	16.1	10	149	16	+45	77	26	156
Raoul Island, May 1973 .. .. .	38	21.4	15.7	18.6	-0.2	23.5	10	11.8	28	78	19	-82	27	30	156
Raoul Island, June 1973 .. .. .	38	21.1	17.0	19.1	+2.0	23.3	8	12.5	30	287	23	+130	67	13	113

The "normal" refers to the present site of the instruments. Standard periods for normals are: Temperature 1931-60, Rainfall 1921-50 Sunshine 1935-60. No normals are available for stations with only short records.

\*Indicates that the sunshine recorder is not located at the station but is in the near vicinity.

A rain day is a day with rainfall equal to or greater than 0.1 mm.

Where the extremes of temperature and rainfall have occurred more than once during the month, the date of the first occurrence is given.