

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for July 1976—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		mm		mm	mm		Hrs	
Dunedin Airport	1	10.0	1.1	5.6	+1.2	16.6	26	-5.8	6	41	17	-5	8	20	107
Musselburgh, Dunedin	2	10.6	3.1	6.9	+0.6	15.2	14	-1.0	13	74	15	+18	11	17	107
Te Anau	215	8.4	0.6	4.5	+0.6	12.4	26	-5.6	17	145	19	+56	35	15	83
West Arm, Manapouri	232	5.9	2.1	4.0	+0.8	9.5	25	-1.0	17	288	23	..	70	14	..
Borland Burn	183	7.7	-1.8	3.0	..	13.6	28	-7.2	6	97	21	..	14	20	..
Queenstown	329	8.0	0.1	4.1	+0.4	14.6	28	-3.8	17	60	15	-4	14	14	85
Queenstown Aerodrome	349	7.8	-1.0	3.4	+0.6	14.7	28	-5.1	1	60	14	+10	13	20	..
Mid Dome	386	8.5	-1.3	3.6	+0.1	14.1	26	-7.2	19	194	18	+143	41	29	..
Cromwell Substation	213	8.0	-1.1	3.5	..	14.6	28	-5.4	6	26	6	..	9	14	..
Cromwell	213	8.1	-1.3	3.4	+0.5	14.7	20	-6.0	6	30	11	+7	10	14	..
Clyde	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ophir	305	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Moa Creek	427	..	..	..	..	..	..	..	..	35	12	+20	11	14	..
Earnsclough	152	8.9	-1.0	4.0	+1.7	17.1	20	-7.3	6	24	16	+6	5	14	..
Alexandra	141	8.3	-0.6	3.9	+1.3	16.1	20	-6.4	6	23	11	+8	4	7	100
Roxburgh Power Station	110	9.1	1.1	5.1	+0.8	15.0	20	-3.5	17	34	12	+9	9	14	..
Moa Flat	410	6.8	-0.2	3.3	+0.3	12.0	26	-4.6	17	80	19	+39	15	20	..
Mahinerangi Dam	396	7.2	0.0	3.6	+0.3	13.3	26	..	..	110	19	+49	18	20	..
Tapanui	226	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Rankleburn Forest	255	8.0	1.4	4.7	+0.4	13.7	27	-2.7	17	103	20	+34	24	20	..
Taieri Mouth	15	9.8	2.1	6.0	+0.5	14.1	26	-1.6	6	81	16	+28	15	1	..
Otautau	55	9.2	1.1	5.2	+0.5	14.1	26	-3.0	7	162	21	+86	18	20	95
Winton	44	9.3	1.5	5.4	+0.2	14.6	26	-2.3	6	100	21	+52	14	14	96
Gore D.S.I.R.	123	8.1	0.9	4.5	+0.5	11.8	27	-3.0	17	83	21	..	14	20	88
Hokonui Forest	46	9.4	1.4	5.4	+0.5	14.4	26	-3.5	6	108	21	+42	14	14	..
Woodlands	47	9.0	1.7	5.4	+0.3	13.2	31	-1.2	6	97	20	..	12	14	..
Invercargill Aerodrome	0	9.3	1.9	5.6	+0.7	13.2	25	-1.9	6	116	25	+47	17	20	73
Tiwai Point, Bluff	5	9.6	3.7	6.7	+0.9	12.8	25	-0.8	6	129	24	..	25	20	..
Stewart Island	3	9.4	2.9	6.2	..	13.1	26	-1.6	6	148	28	..	24	20	..
Milton	18	8.7	1.2	5.0	+0.7	13.0	20	-3.6	6	70	20	+19	9	29	..
Finegand, Balclutha	6	8.9	1.7	5.3	+0.7	13.1	20	-2.7	6	78	24	..	16	17	90
Owaka	5	9.6	1.9	5.8	..	15.2	27	-5.1	6	109	23	..	17	28	..
Nugget Point	129	8.3	2.9	5.6	+0.0	12.8	27	-0.2	19	128	23	+67	14	28	..
Tautuku	61	9.3	2.8	6.1	..	14.9	27	-1.1	17	218	24	..	28	21	..
Rarotonga Airport	7	24.5	16.7	20.6	-1.1	27.4	6	12.0	28	43	14	-54	14	12	182
Raoul Island	38	18.5	12.8	15.7	-0.5	21.7	8	9.7	15	132	26	-31	41	6	138
Waitangi, Chatham Island	44	10.4	5.8	8.1	+0.4	13.4	30	1.2	23	82	22	+3	18	17	105
Campbell Island	15	6.4	1.7	4.1	-0.5	8.9	26	-5.2	23	147	28	+40	32	28	10
Nandi Airport, Fiji	15	29.0	18.5	23.8	+0.2	32.0	23	14.3	20	7	4	..	4	17	233
Totokoitu, Rarotonga	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scott Base, Antarctica	16	-20.0	-33.5	-26.8	+3.0	-10.1	6	-48.5	14	..	..	..	..	..	..

LATE RETURNS AND CORRECTIONS

Woodhill Forest, May 1976	30	16.8	8.7	12.8	-0.4	18.9	6	-1.5	24	126	18	-11	26	12	..
Woodhill Forest, June 1976	30	14.5	7.5	11.0	-0.1	17.8	1	-1.3	24	149	21	+4	24	29	..
Riverhead Forest, June 1976	28	14.6	4.9	9.8	-0.7	18.1	3	-3.0	14	62	12	-101	16	29	..
Minginui Forest, May 1976	366	15.1	0.5	7.8	-0.9	19.8	6	-6.8	24	90	5	-65	65	25	..
Palmerston North Aerodrome, May 1976	45	14.4	5.0	9.7	-0.8	17.4	6	-2.8	23	92	12	+13	28	12	..
Kahui, Taihape, June 1976	518	9.3	3.0	6.2	-0.6	16.1	3	-2.7	7	109	..	..	26	18	..
Wither Hills, Blenheim, June 1976	32	12.6	1.9	7.3	-0.4	20.4	2	-2.5	7	35	9	-26	16	8	..
Molesworth, June 1976	893	6.1	-3.2	1.5	-0.8	17.0	2	-10.2	26	32	7	-16	12	2	..
Ski Basin, June 1976	1,554	0.5	-4.8	-2.2	-1.9	7.3	1	-10.0	21	236	..	..	85	14	..
Craigieburn Forest, June 1976	914	5.6	-2.5	1.6	-0.8	14.4	1	-6.5	7	174	10	+62	63	2	..
Eyrewell Forest, June 1976	158	10.0	-0.6	4.7	-0.6	21.7	2	-7.2	14	66	16	+8	25	21	..
Clyde, May 1976	183	12.5	2.5	7.5	..	18.1	29	-2.4	11	73	5	..	24	25	..
Ophir, June 1976	305	6.5	-2.1	2.2	-0.1	18.1	2	-8.2	30	35	11	+10	14	3	..
Woodlands, June 1976	47	8.4	1.1	4.8	-0.9	16.2	1	-3.5	16	150	21	..	33	2	..
Raoul Island, June 1976	38	19.0	13.6	16.3	-1.0	21.3	4	10.3	27	69	17	-81	32	18	150

The "normal" refers to the present site of the instruments. Standard period for normals is 1941-70. 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.

NOTES ON THE WEATHER FOR JULY 1976

General—July was marked by a greater frequency of south-westerly winds than normal, with cloudy weather in the west but unusually sunny conditions in most eastern districts. In Southland and parts of Otago and also in some southern and western districts of the North Island farmers have been finding the ground too wet. On the other hand, parts of South Canterbury have had comparatively little rain for the last six months and are finding conditions

too dry. A small intense local disturbance around Kaikoura on the 15th caused winds averaging 60 kt with gusts to 91 kt.

Rainfall—Rainfall was above normal over the greater part of the country, mainly by about 50 percent. Over a considerable area of western Southland it was more than double the normal value. The main areas with rainfall below normal were: northern Northland; Hawke's Bay with eastern Bay of Plenty and parts of Taupo; Westland and Fiordland with Central and South Canterbury,