

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for August 1977—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.	
Taieri, Invermay	30	..	..	..	..	..	..	..	..	..	..	..	..	..
Berwick Forest	18	12.4	0.5	6.5	+0.2	19.5	14	-3.0	2	13	6	-28	5	29	
Dunedin Airport	1	12.7	-0.3	6.2	+0.0	20.0	12	-4.3	20	14	6	-24	6	29	
Musselburgh, Dunedin	2	10.9	3.8	7.4	+0.1	19.0	13	-0.5	14	21	14	-25	5	29	
Te Anau	215	10.2	..	..	..	15.1	13	..	..	17	7	-69	9	27
West Arm, Manapouri	232	7.6	1.5	4.6	+0.1	13.5	12	-2.7	4	113	13	..	37	6	
Borland Burn	183	11.1	-1.3	4.9	..	16.5	13	-7.9	3	41	17	..	11	6	
Queenstown	329	11.1	0.7	5.9	+0.4	17.6	13	-3.6	4	7	1	-54	7	28	
Queenstown Aerodrome	349	10.3	-1.6	4.4	-0.5	16.7	13	-6.0	4	7	1	-38	7	28	
Cromwell Substation	213	12.0	-2.7	4.7	..	16.4	13	-8.0	4	1	1	..	1	28	
Cromwell	213	11.9	-2.3	4.8	-0.4	17.0	13	-7.7	4	4	4	-19	2	28	
Clyde	183	12.8	-1.7	5.6	..	17.1	16	-6.5	4	2	2	..	2	28	
Ophir	305	11.5	-4.1	3.7	-0.6	15.8	13	-8.8	4	2	4	-18	2	28	
Moa Creek	427	..	..	..	..	..	..	..	..	..	..	..	..	..
Earnsclough	152	12.8	-3.2	4.8	+0.0	18.4	16	-8.0	4	1	5	-17	1	8	
Alexandra	141	12.5	-1.5	5.5	+0.2	17.7	13	-6.6	4	0	3	-15	0	162	
Roxburgh Power Station	110	11.9	0.4	6.2	-0.2	17.0	7	-5.0	4	4	4	-21	2	29	
Moa Flat	410	..	..	..	..	..	..	..	..	..	..	..	..	..
Mahinerangi Dam	396	10.2	0.2	5.2	+1.0	16.6	12	-6.5	4	23	7	-28	7	30	
Tapanui	226	11.4	2.2	6.8	+0.5	17.3	27	-2.1	4	15	7	-36	5	28	
Rankleburn Forest	255	10.5	0.8	5.7	+0.0	19.3	13	-3.7	2	16	5	-42	7	29	
Taieri Mouth	15	11.1	1.6	6.4	+0.0	17.3	12	-1.2	6	11	4	-27	6	29	
Otautau	55	..	..	..	..	..	..	..	..	..	..	..	..	..
Winton	44	12.0	0.8	6.4	+0.0	18.8	27	-3.6	4	12	9	-36	5	28	
Gore D.S.I.R.	123	10.5	1.0	5.8	+0.2	17.9	12	-3.4	4	15	12	..	5	16	
Hokonui Forest	46	11.9	0.7	6.3	+0.0	18.2	27	-3.6	22	15	7	-46	7	28	
Woodlands	47	11.5	1.6	6.6	+0.0	17.7	27	-1.4	4	25	14	..	6	28	
Invercargill Aerodrome	0	11.8	0.5	6.2	+0.0	19.2	27	-3.6	5	25	14	-41	6	29	
Tiwai Point, Bluff	5	11.4	2.5	7.0	-0.2	16.9	13	0.1	5	30	11	..	6	29	
Stewart Island	3	..	..	..	..	..	..	..	..	..	..	..	..	..
Milton	18	11.6	0.4	6.0	+0.1	18.6	13	-3.6	19	16	8	-22	6	29	
Finegand, Balclutha	6	11.5	0.9	6.2	+0.1	18.1	13	-2.2	21	13	8	..	7	29	
Owaka	5	11.2	0.1	5.7	..	17.4	12	-4.5	19	26	12	..	7	29	
Nugget Point	129	9.7	3.8	6.8	+0.4	16.0	12	..	..	20	16	-31	4	29
Tautuku	61	11.1	2.5	6.8	..	18.0	27	-0.7	2	21	14	..	5	2	
Rarotonga Airport	7	24.5	18.7	21.6	+0.1	28.7	1	14.2	3	58	13	-64	21	27	
Raoul Island	38	18.4	13.0	15.7	-0.3	20.7	25	8.8	31	75	18	-62	23	10	
Waitangi, Chatham Island	44	10.9	6.5	8.7	+0.6	12.8	29	2.0	1	44	22	-45	7	4	
Campbell Island	15	7.9	4.3	6.1	+1.1	10.5	12	-1.8	31	83	28	-26	15	13	
Nandi Airport, Fiji	15	28.5	18.3	23.4	-0.2	32.4	2	12.8	31	59	6	..	33	20	
Totokoitu, Rarotonga	9	..	..	..	..	..	..	..	..	..	..	..	..	..
Scott Base, Antarctica	16	-20.6	-33.0	-26.8	+4.4	-7.8	9	-46.7	18	..	..	..	..	..
LATE RETURNS AND CORRECTIONS															
Purukohukohu, July 1977	631	..	..	..	..	..	..	..	..	187	19	..	42	19
Broadlands, June 1977	305	11.7	2.6	7.2	..	15.0	28	-5.0	25	122	..	..	..	..
Broadlands, July 1977	305	11.3	1.7	6.5	..	14.2	21	-3.8	7	114	5	..	64	31	
Pukekohe, July 1977	82	13.9	7.0	10.5	+1.0	17.0	1	3.0	5	163	23	..	37	1	
Whatawhata, May 1977	104	14.5	5.1	9.8	-1.9	17.2	23	-1.2	19	163	14	+13	57	22	
Whatawhata, June 1977	104	14.6	6.6	10.6	+1.0	20.4	18	0.2	11	255	21	+64	42	17	
Whatawhata, July 1977	104	13.8	5.6	9.7	+0.9	16.4	20	-0.6	7	217	19	+54	38	1	
Ballantrae No. 1, Woodville, July 1977	347	..	..	..	..	..	..	..	..	88	..	..	12	2
Ballantrae No. 2, Woodville, July 1977	171	..	..	..	..	..	..	..	..	93	..	..	12	2
Ngaumu Forest, July 1977	244	11.0	2.1	6.6	+0.5	15.2	1	-8.0	24	213	21	+76	64	20	
Hastings, July 1977	12	13.2	4.4	8.8	+0.3	18.4	2	-1.7	17	73	18	+9	14	20	
Kapiti Island, July 1977	16	10.6	7.5	9.1	+0.0	13.7	1	4.2	9	130	14	+23	25	1	
Wharite Peak, July 1977	914	5.7	2.5	4.1	+1.2	11.5	1	-1.0	4	184	..	-9	39	20	
Normanby, July 1977	122	12.1	4.9	8.5	..	15.0	1	-0.6	9	134	22	..	43	18	
Kahui, Taihape, July 1977	518	10.2	3.8	7.0	+0.7	14.8	1	0.3	10	74	..	..	16	4
Franz Josef, July 1977	122	12.5	2.2	7.4	+0.7	15.3	20	-1.1	15	157	13	-186	71	1	
Molesworth, July 1977	893	5.7	-2.6	1.6	+0.1	10.5	26	-8.0	5	75	..	+14	..	..
Ski Basin, July 1977	1,554	1.1	-3.4	-1.2	+0.7	6.8	7	-6.5	3	..	..	..	..	..
Craigieburn Forest, July 1977	914	6.6	-0.6	3.0	+1.5	11.2	1	-3.5	14	32	16	-92	6	2	
Rangiora, June 1977	46	10.9	1.1	6.0	+0.1	18.2	1	-4.8	25	73	13	+32	18	26	
Ranfurlly, July 1977	427	..	-1.5	..	..	..	..	-7.2	16	17	10	..	12	1
Taieri, Invermay, July 1977	30	9.3	2.1	5.7	..	14.7	1	-3.2	16	67	17	..	18	2	
Clyde, July 1977	183	8.2	..	..	..	..	..	..	..	..	..	..	..	..
Otautau, July 1977	55	9.1	0.7	4.9	+0.2	14.2	7	-4.2	31	22	12	-54	5	7	
Tautuku, July 1977	61	8.9	3.4	6.2	..	14.0	1	-1.0	5	64	..	..	10	26
Waitangi, Chatham Islands, July 1977	44	10.3	5.7	8.0	+0.3	12.8	22	0.8	31	69	18	-10	25	21	
Nandi Airport, Fiji, July 1977	15	29.0	18.7	23.9	+0.3	31.9	14	14.2	28	12	4	..	10	12	
Totokoitu, Rarotonga, July 1977	9	23.5	18.1	20.8	..	26.2	4	13.4	26	165	16	..	55	14	

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.