

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for December 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	°C	°C	mm	mm	mm	mm	Hrs		
Ranfurly .. .. .	427	..	6.2	..	..	..	0.4	25	65	10	..	11	19	206	
Herbert Forest .. .. .	61	18.8	7.3	13.1	+0.0	27.2	4	4.9	23	63	13	-3	13	30	
Palmerston .. .. .	21	18.3	7.3	12.8	-0.3	27.2	4	1.7	1	67	13	..	15	19	
Cherry Farm Hospital .. .. .	6	17.3	7.9	12.6	-0.5	26.8	28	2.8	1	76	14	+20	17	19	
Taiaroa Head .. .. .	72	15.3	9.7	12.5	+0.1	21.1	4	7.1	1	113	17	+52	27	30	
Taieri, Invermay .. .. .	30	..	..	..	..	..	..	..	..	..	..	..	..	..	
Berwick Forest .. .. .	18	18.8	8.2	13.5	+0.3	27.8	28	3.4	11	111	15	+40	27	19	
Dunedin Airport .. .. .	1	18.9	7.9	13.4	+0.1	27.8	29	3.4	26	128	18	+72	27	19	
Musselburgh, Dunedin .. .. .	2	17.0	9.0	13.0	-0.8	25.0	28	4.5	5	102	18	+31	24	30	
Te Anau .. .. .	215	17.9	7.3	12.6	-0.2	25.2	29	1.1	10	56	13	-33	13	18	
West Arm, Manapouri .. .. .	232	16.9	7.3	12.1	-0.4	25.5	15	3.5	22	260	20	..	42	4	
Borland Burn .. .. .	183	17.6	5.4	11.5	..	24.0	29	-1.0	10	85	..	..	17	29	
Queenstown .. .. .	329	19.4	8.4	13.9	-0.4	25.5	29	4.0	11	49	16	-15	11	30	
Queenstown Aerodrome .. .. .	349	..	6.8	..	..	..	1.6	11	39	16	-16	8	16	..	
Cromwell Substation .. .. .	213	21.4	8.5	15.0	..	28.0	1	3.3	15	32	12	..	9	30	
Cromwell .. .. .	213	21.1	8.7	14.9	-1.1	28.5	1	0.4	14	28	15	-8	7	21	
Clyde .. .. .	183	..	..	..	..	..	..	..	..	..	..	..	..	..	
Ophir .. .. .	305	20.3	7.5	13.9	-0.5	26.9	2	0.9	25	30	13	-16	7	12	
Moa Creek .. .. .	427	..	..	..	..	..	..	..	..	..	..	..	..	..	
Earnsclough .. .. .	152	21.8	7.6	14.7	-0.3	29.2	2	2.1	25	32	11	-1	7	8	
Alexandra .. .. .	141	21.4	9.0	15.2	-0.7	27.7	3	4.1	14	29	15	-1	6	8	
Roxburgh Power Station .. .. .	110	20.8	8.3	14.6	-0.4	28.0	18	2.0	25	67	15	+21	15	30	
Moa Flat .. .. .	410	17.5	6.4	12.0	-0.1	24.4	18	1.7	11	106	16	+32	21	19	
Mahinerangi Dam .. .. .	396	..	5.2	..	..	..	-4.3	22	158	16	+67	29	8	..	
Tapanui .. .. .	226	18.3	7.9	13.1	-0.4	25.2	28	2.7	11	112	16	+33	28	30	
Rankleburn Forest .. .. .	255	18.2	7.1	12.7	+0.2	27.1	2	2.6	11	107	14	+16	19	19	
Taieri Mouth .. .. .	15	16.7	8.2	12.5	+0.3	25.3	28	3.2	11	120	14	+59	23	19	
Otautau .. .. .	55	17.7	6.7	12.2	-0.8	25.5	28	1.5	1	86	15	+2	20	29	
Winton .. .. .	44	..	..	..	..	..	..	..	..	..	..	..	..	..	
Gore D.S.I.R. .. .. .	123	17.6	8.1	12.9	-0.4	25.6	28	3.8	11	94	21	..	21	30	
Hokonui Forest .. .. .	46	18.5	7.0	12.8	-0.7	25.6	28	1.7	25	110	16	+21	24	30	
Woodlands .. .. .	47	..	..	..	..	..	..	..	..	..	..	..	..	..	
Invercargill Aerodrome .. .. .	0	17.2	7.3	12.3	-0.3	25.4	28	1.1	25	78	17	-11	14	29	
Tiwai Point, Bluff .. .. .	5	17.0	8.9	13.0	-0.3	25.7	28	5.0	11	74	17	..	15	29	
Stewart Island .. .. .	3	16.0	7.4	11.7	..	24.2	28	3.2	11	102	23	..	20	29	
Milton .. .. .	18	18.7	8.1	13.4	+0.1	28.2	28	2.1	11	135	15	+66	25	19	
Finegand, Balclutha .. .. .	6	18.5	8.4	13.5	+0.3	26.8	29	3.4	11	78	14	..	16	19	
Owaka .. .. .	5	17.4	7.5	12.5	..	26.0	29	0.9	11	85	15	..	20	30	
Nugget Point .. .. .	129	15.2	8.9	12.1	+0.1	21.8	29	4.9	11	105	17	+29	19	30	
Tautuku .. .. .	61	..	..	..	..	..	..	..	..	..	..	..	..	..	
Rarotonga Airport .. .. .	7	27.9	22.4	25.2	+0.4	30.9	30	20.5	11	49	22	-177	13	23	
Raoul Island .. .. .	38	23.9	18.9	21.4	+0.9	26.7	22	15.7	16	219	13	+130	32	3	
Waitangi, Chatham Islands .. .. .	44	16.5	10.9	13.7	+0.3	19.6	8	6.6	1	91	15	+25	15	14	
Campbell Island .. .. .	15	12.0	6.8	9.2	+0.6	15.6	28	3.0	24	61	23	-41	14	18	
Nandi Airport, Fiji .. .. .	15	32.7	22.7	27.7	+1.1	35.4	25	20.4	11	46	13	..	14	8	
Totokoitu, Rarotonga .. .. .	9	..	..	..	..	..	..	..	..	..	..	..	..	..	
Scott Base, Antarctica .. .. .	16	-4.0	-10.9	-7.5	-2.2	-0.2	15	-15.6	1	..	..	..	..	..	
LATE RETURNS AND CORRECTIONS															
Waiotemarama, November 1977	122	16.7	9.9	13.3	..	21.0	21	4.9	8	95	16	..	31	3	
Waipoua Forest, November 1977	88	18.2	8.7	13.5	-1.2	23.4	21	2.5	8	86	13	-28	26	3	
Dargaville, November 1977	20	18.0	10.0	14.0	-1.1	23.7	21	3.0	8	66	13	-18	23	3	
Mokohinau, November 1977	102	18.2	12.3	15.3	-0.6	20.9	19	8.4	2	38	11	-36	21	9	
Leigh, November 1977	27	18.3	11.3	14.8	-0.8	21.4	30	8.5	26	68	10	-6	25	3	
Oyster Point, November 1977	0	18.2	10.0	14.1	..	22.4	20	3.0	8	73	11	..	24	9	
Waihi, November 1977	91	19.2	9.4	14.3	-0.8	23.4	27	3.3	5	62	13	-70	21	9	
Tarawera Forest, November 1977	61	22.0	7.0	14.5	-0.1	32.0	26	-1.3	2	50	10	-82	28	3	
Purukohukohu, August 1977	631	..	..	..	..	..	..	..	..	108	17	..	22	29	
Purukohukohu, September 1977	631	..	..	..	..	..	..	..	..	79	..	..	20	16	
Purukohukohu, October 1977	631	..	..	..	..	..	..	..	..	86	19	..	16	21	
Purukohukohu, November 1977	631	..	..	..	..	..	..	..	..	107	14	..	29	22	
Broadlands, November 1977	305	18.6	5.6	12.1	..	24.8	30	-2.6	2	26	..	..	..	..	
Minginui Forest, August 1977	366	13.9	2.4	8.2	+1.6	17.6	30	-8.1	4	123	14	-14	21	7	
Minginui Forest, September 1977	366	13.2	0.1	6.7	-1.9	19.3	28	-8.1	12	108	..	-22	..	..	
Minginui Forest, October 1977	366	17.3	3.8	10.6	-0.4	26.1	28	-4.0	26	56	9	-68	20	2	
Minginui Forest, November 1977	366	19.3	3.0	11.2	-1.7	24.5	29	-3.5	5	80	9	-34	28	21	
Mangere, Auckland, November 1977	4	17.9	11.6	14.8	-0.9	21.1	19	5.6	8	64	17	-22	14	20	