

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for January 1978—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
Palmerston ..	21	21.4	10.6	16.0	+1.5	31.5	16	4.5	4	26	6	..	15	18	211
Cherry Farm Hospital ..	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Taiaroa Head ..	72	17.7	11.5	14.6	+0.7	29.5	15	7.5	1	25	11	-39	12	18	..
Taieri, Invermay ..	30	21.7	10.2	16.0	..	30.3	16	4.9	9	17	11	..	3	11	..
Berwick Forest ..	18	22.2	10.6	16.4	+1.8	30.2	16	5.2	9	35	9	-41	11	13	..
Dunedin Airport ..	1	22.4	10.0	16.2	+1.6	30.0	27	4.4	9	28	12	-33	7	3	209
Musselburgh, Dunedin ..	2	20.3	11.7	16.0	+1.0	30.5	16	6.0	5	22	12	-52	6	8	218
Te Anau ..	215	22.3	8.8	15.6	+1.6	30.0	24	2.1	1	70	8	-19	23	14	242
West Arm, Manapouri ..	232	20.2	10.0	15.1	+1.2	28.1	24	4.0	1	305	12	..	71	14	..
Borland Burn ..	183	22.1	8.7	15.4	..	30.8	24	1.5	1	73	10	..	20	14	..
Queenstown ..	329	24.8	11.6	18.2	+2.3	32.1	24	5.1	1	35	9	-39	11	18	267
Queenstown Aerodrome ..	349	23.6	9.8	16.7	+1.3	30.0	24	3.8	9	29	9	-39	12	18	..
Cromwell Substation ..	213	25.9	12.1	19.0	..	32.9	24	5.5	1	12	4	..	5	7	..
Cromwell ..	213	26.3	12.0	19.2	+1.6	33.6	24	5.5	1	27	6	-16	14	18	..
Clyde ..	183	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ophir ..	305	25.0	9.9	17.5	+1.6	32.0	24	0.9	1	31	5	-22	21	17	..
Moa Creek ..	427	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Earnscleugh ..	152	26.3	10.5	18.4	+2.1	33.7	24	2.5	9	18	8	-28	10	18	..
Alexandra ..	141	25.8	12.2	19.0	+1.8	33.0	24	5.1	9	15	7	-31	10	18	253
Roxburgh Power Station ..	110	25.2	9.9	17.6	+1.3	34.0	24	4.0	2	24	7	-29	9	26	..
Moa Flat ..	410	21.6	8.6	15.1	+1.8	29.2	28	2.9	9	38	15	-48	17	11	..
Mahinerangi Dam ..	396	..	8.4	..	..	..	..	2.0	30	37	12	-60	11	11	..
Tapanui ..	226	21.9	9.4	15.7	+1.1	29.9	27	4.4	9	77	14	-12	33	11	..
Rankleburn Forest ..	255	21.3	9.5	15.4	+1.8	29.6	27	4.0	9	87	13	-7	25	13	..
Taieri Mouth ..	15	19.4	10.6	15.0	+1.5	29.5	16	5.4	9	22	9	-57	6	13	..
Otautau ..	55	21.0	..	..	..	30.0	27	..	..	26	7	-65	14	11	198
Winton ..	44	21.7	9.4	15.6	+1.1	29.5	24	3.8	20	37	9	-27	25	11	202
Gore D.S.I.R. ..	123	20.9	10.1	15.5	+0.8	28.4	27	4.0	9	49	11	..	23	11	207
Hokonui Forest ..	46	21.7	9.8	15.8	+1.1	30.0	27	3.5	9	44	9	-42	23	11	..
Woodlands ..	47	20.8	9.8	15.3	+1.5	28.7	28	2.5	9	55	15	..	22	11	..
Invercargill Aerodrome ..	0	20.0	10.0	15.0	+1.3	28.3	28	3.3	9	52	9	-37	24	11	192
Tiwai Point, Bluff ..	5	18.9	10.5	14.7	+0.5	..	..	5.6	20	47	8	..	19	11	..
Stewart Island ..	3	18.1	9.8	14.0	..	24.5	16	5.9	21	61	19	..	18	13	..
Milton ..	18	21.6	..	..	..	29.5	16	..	..	33	12	-36	7	13	..
Fineland, Balclutha ..	6	21.5	10.6	16.1	+1.6	28.9	16	5.0	9	31	9	..	16	11	207
Owaka ..	5	20.1	9.4	14.8	..	27.6	16	4.1	9	26	9	..	15	11	..
Nugget Point ..	129	17.9	10.0	14.0	+0.7	24.5	15	5.5	14	43	12	-31	15	11	..
Tautuku ..	61	20.0	10.0	15.0	..	27.3	7	4.8	20	94	9	..	39	11	..
Rarotonga Airport ..	7	28.5	22.6	25.6	-0.2	32.2	2	19.4	9	260	24	+1	72	27	134
Raoul Island ..	38	24.4	20.0	22.2	+0.6	26.1	21	16.3	4	24	7	-67	13	11	172
Waitangi, Chatham Islands ..	44	17.3	11.6	14.5	+0.1	21.7	16	8.2	11	33	14	-20	16	1	141
Campbell Island ..	15	12.5	7.3	9.9	+0.6	17.7	24	3.2	16	109	24	-15	25	16	117
Nandi Airport, Fiji ..	15	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totokoitu, Rarotonga ..	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Scott Base, Antarctica ..	16	-4.5	-12.3	-8.4	-3.3	-0.6	24	-18.3	31	..	..	..	..	..	..

LATE RETURNS AND CORRECTIONS

Waiotemarama, ..	122	18.5	10.7	14.6	..	22.1	2	5.4	23	88	10	..	19	9	..
December 1977 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dargaville, December 1977 ..	20	20.7	10.8	15.8	-1.1	24.3	17	6.1	19	79	11	+0	18	13	232
Riverhead Forest, ..	28	20.7	9.3	15.0	-1.5	25.0	3	4.5	19	105	8	+8	41	11	..
December 1977 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Oratia, Auckland, ..	41	21.6	9.6	15.6	-1.0	26.9	2	4.8	19	143	13	+39	38	11	..
December 1977 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Owairaka, Auckland, ..	41	20.2	12.0	16.1	-1.1	23.5	5	8.2	25	106	12	+17	41	11	..
December 1977 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Waihi, December 1977 ..	91	21.4	11.4	16.4	-0.6	26.3	5	8.2	19	108	14	-32	44	11	..
Tokoroa, December 1977 ..	305	20.2	8.7	14.5	-1.3	25.7	3	3.7	9	167	11	..	52	14	..
Tarawera Forest, ..	61	23.8	10.0	16.9	+0.3	29.5	5	3.6	11	176	14	+13	57	14	..
December 1977 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Purukohukohu, ..	631	..	..	..	..	..	..	..	..	104	5	..	27	21	..
February 1977 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Broadlands, December 1977 ..	305	20.5	8.9	14.7	..	26.8	3	3.0	9	106	6	..	40	11	..
Minginui Forest, ..	366	21.2	7.9	14.6	-0.5	27.8	3	1.1	11	165	13	+30	40	11	..
December 1977 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ardmore, Auckland, ..	30	20.9	9.5	15.2	-1.5	25.0	3	6.0	25	133	10	+42	44	11	..
December 1977 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lower Retaruke, ..	223	18.3	6.7	12.5	-1.2	24.4	30	-0.5	2	104	12	..	30	21	..
November 1977 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lower Retaruke, ..	223	20.9	8.4	14.7	-0.8	27.0	3	2.9	24	117	14	..	32	17	..
December 1977 ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Esk Forest, December 1977 ..	427	20.0	9.7	14.9	-0.1	27.0	18	5.2	27	193	12	+69	97	14	..