

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for May 1972—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	13.7	2.4	8.1	..	20.1	6,23	-4.4	5	134	14	..	63	16	127
Cherry Farm, Waikouaiti ..	6	12.7	2.5	7.6	+0.2	20.3	12	-2.0	28	140	17	+97	71	16	..
Taiaroa Head ..	76	12.0	5.9	9.0	-0.3	19.9	5	0.1	31	89	19	+31	23	16	..
Albert Town ..	293	12.6	0.9	6.8	..	20.0	6	-5.0	26	68	11	..	27	12	..
Taieri ..	24	12.7	3.3	8.0	+0.5	20.0	12	-2.1	15	120	18	+62	42	16	..
Berwick Forest ..	18	12.6	3.5	8.1	+0.7	20.0	12	-2.5	15	144	17	+88	35	16	..
Dunedin Airport ..	1	12.8	3.0	7.9	+0.7	19.6	5	-4.4	15	98	18	+50	24	16	92
Musselburgh, Dunedin ..	2	12.6	5.0	8.8	0.0	20.8	5	0.4	31	144	19	+78	51	16	91
Oamaru ..	30	14.5	5.7	10.1	+1.0	23.2	6	-1.6	28	71	11	+38	38	16	133
West Arm, Lake Manapouri ..	180	9.3	3.7	6.5	+0.3	13.8	5	0.0	31	379	22	+61	66	12	..
Borland Saddle ..	991	5.1	0.3	4.8	..	11.5	10	-5.8	15	..	..	..	29	12	..
Queenstown ..	329	11.5	3.0	7.3	+0.5	19.1	6	-1.2	26	86	13	+20	23	12	94
Queenstown Aerodrome ..	352	11.5	1.9	6.7	..	18.5	6	-3.5	26	68	13	..	17	13	..
Mid Dome ..	387	11.7	1.1	6.4	-0.3	18.1	3	-6.2	15	115	19	+36	23	30	..
Cromwell ..	213	12.7	1.2	7.0	+0.6	20.8	6	-5.5	26	35	9	+7	15	13	..
Ophir ..	305	..	0.4	..	..	..	..	-8.0	15	46	15	+16	17	13	..
Moa Creek ..	427	11.4	-1.1	6.3	+2.6	19.3	6	-8.1	15	45	..	+20	22	13	..
Earnsclough ..	152	13.5	0.2	6.9	+1.1	22.3	6	-6.5	15	43	12	+20	18	13	..
Alexandra ..	141	13.4	1.3	7.4	+1.2	22.0	6	-5.0	15	41	14	+18	16	15	125
Roxburgh (Power Station) ..	110	12.6	1.6	7.1	-0.4	21.0	6	-5.2	15	61	18	+20	14	13	..
Moa Flat ..	410	10.2	1.4	5.8	0.0	16.8	12	-4.3	15	120	18	+59	22	13	..
Mahinerangi Dam ..	396	9.6	2.0	5.8	-0.1	16.9	5	-3.5	15	161	20	+92	24	24	..
Tapuni ..	226	10.7	3.4	7.1	-0.2	17.1	12	-3.0	5	146	22	+70	22	24	..
Rankleburn Forest ..	255	10.6	3.6	7.1	+0.6	18.1	5	-1.0	15	162	21	+98	37	24	..
Taieri Mouth ..	15	12.2	4.4	8.3	..	18.8	5	-0.5	15	128	14	..	38	30	..
Otautau ..	55	11.8	3.5	7.7	+0.5	17.5	3,12	-1.5	15	191	21	+102	42	30	77
Winton ..	44	11.7	3.7	7.7	+0.3	17.9	5	-0.7	15	104	21	..	24	30	82
Gore (D.S.I.R.) ..	124	11.0	3.9	7.5	..	16.0	12	-1.6	15	106	23	+30	22	24	71
Hokonui Forest ..	46	11.7	3.8	7.8	+0.1	16.5	3,12	0.0	15	141	22	+57	26	30	..
Woodlands ..	47	11.7	4.2	8.0	..	16.4	12	-0.2	31	136	27	..	33	30	..
Invercargill Aerodrome ..	0	11.4	4.3	7.9	+0.6	16.5	5	-0.6	15	139	24	+45	34	30	55
Tiwai Point, Bluff ..	5	11.7	5.9	8.8	..	17.0	12	0.5	15	123	26	..	21	30	..
Milton ..	18	11.9	3.3	7.6	-0.1	18.3	12	-2.9	15	116	14	+63	38	16	..
Finigand, Balclutha ..	6	11.7	3.5	7.6	+0.1	16.8	15	-2.4	15	112	21	..	41	30	..
Nugget Point ..	131	10.6	5.1	7.9	..	15.5	5	-0.2	31	127	22	+61	39	30	..
Rarotonga Airport, Cook Is. ..	5	27.2	21.7	24.4	+1.3	30.6	1	18.3	22	269	23	+117	84	12	123
Raoul Island, Kermadec Is. ..	38	21.3	16.1	18.7	-0.1	22.7	18	13.5	9	63	18	-97	21	28	176
Waitangi, Chatham Islands ..	48	12.4	6.4	9.4	-1.0	15.7	13	1.1	26	107	23	+18	27	21	82
Campbell Island ..	15	7.5	2.1	5.6	-0.4	10.0	3	-2.7	30	135	29	-5	12	12	13
Scott Base, Antarctica ..	18	..	..	-24.1	+6.8	-8.0	10	-47.0	2	..	..	..	..	..	..
LATE RETURNS															
Tarawera Forest, April 1972 ..	61	20.7	7.0	13.9	+0.8	25.2	2,4	-2.0	11	97	9	-8.6	70	8	..
Whatawhata, March 1972 ..	104	22.1	13.3	17.7	+0.9	25.2	27	7.5	15,19	339	14	+240	104	8	139
Whatawhata, April 1972 ..	104	19.2	10.9	15.1	+0.9	22.4	12	2.2	14	106	20	-29	24	17	134
Wairapukao, April 1972 ..	438	17.7	4.9	11.3	0.0	22.4	2	-2.2	15	67	10	-57	36	8	..
Lower Retaruke, March 1972 ..	223	22.2	11.3	15.7	..	26.0	2	3.4	19	154	9	..	37	4	..
Lower Retaruke, April 1972 ..	223	18.5	7.6	13.1	..	22.8	12	-0.5	15	96	17	..	22	25	..
Makaretu, April 1972 ..	335	..	8.3	..	..	..	..	1.6	30	119	15	..	35	16	..
Makahu Spur, April 1972 ..	335	9.2	2.2	5.7	..	16.0	3	-3.5	18	..	..	..	..	..	..
Haldon, April 1972 ..	399	17.8	2.6	8.0	..	24.0	4	-5.0	20	26	..	..	..	..	..
Taieri, April 1972 ..	24	15.4	6.8	11.1	+0.5	21.7	30	0.0	29	47	13	+11	13	23	..
Mid Dome, April 1972 ..	387	15.7	5.9	10.8	+0.9	20.9	10	-2.6	21	62	17	-22	24	17	..
Alexandra, April 1972 ..	141	17.4	6.2	11.8	+1.0	22.8	4,22	-2.5	20	34	10	-1	18	23	132
Whitemans Valley, March 1972 ..	235	19.0	9.0	14.0	..	22.5	23	3.5	8	109	10	..	42	24	..
Whitemans Valley, April 1972 ..	235	16.9	7.1	12.0	..	22.0	11	1.1	30	73	..	..	31	25	..
Ohakune, April 1972 ..	599	15.7	6.6	11.2	+1.8	22.3	10	-0.4	16	102	16	-15	28	25	124
Temuka, April 1972 ..	24	18.0	6.0	12.0	+1.2	25.2	21	-0.4	20	41	14	-10	12	7	..

The "normal" refers to the present site of the instruments. The standard periods for normals are: for temperature 1931-60, for rainfall 1921-50, and for sunshine 1935-60. No normals are available for stations with only short records.

*The sunshine recorder is not located at the station but is in the near vicinity.

A "rain day" is equal to or greater than 0.1 mm.

NOTES ON THE WEATHER FOR MAY 1972

General—May was marked by a greater frequency of south-westerly winds than usual, and it was predominantly a wet month but rather sunny. Excessive cloud and rain in parts of Southland and Otago made the ground too wet for farmers but elsewhere conditions were mainly favourable.

The heaviest rains were reported from the 13th to the 16th, and gales were widespread over this period with some damage, especially from easterlies in Greymouth.

Rainfall—Rainfall was above normal over almost all the South Island. It was more than double the normal value in an area mainly on the east coast of the South Island and 50 miles inland from Timaru to Balclutha but extending also northward to the upper Waimakariri catchment and westward in the south as far

as Gore. Some unusually high totals of more than four times the normal were recorded inland from Oamaru. Dunroon received 165 mm, the highest rainfall for May in 57 years of observation, and of this amount 102 mm fell on the 16th.

Rainfall was somewhat above normal over the greater part of the North Island. However, it was below normal there in most eastern districts besides Bay of Plenty and northern Northland.

Temperatures—Temperatures were mainly $\frac{1}{2}^{\circ}\text{C}$ below normal over the North Island and on the West Coast, but the same amount above normal over the remainder of the South Island.

Snow was reported to low levels in Southland and Otago and on the high country of both Islands from the 29th to the 31st. Lighter falls were reported in some areas on the 13th and 14th and on the 24th and 25th.