

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for June 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.			Maxi- mum	Date	Mini- mum	Date				Amount		Date
Taiaroa Head .. .. .	76	8.5	3.6	6.2	-1.2	13.9	1	1.1	24	90	19	+24	17	12	..
Albert Town .. .. .	293	8.6	-2.6	3.0	..	16.8	2	-7.4	25,29	22	5	..	9	11	..
Taieri .. .. .	24	8.9	1.5	5.2	-0.5	16.2	30	-4.4	28	183	20	+122	86	12	..
Berwick Forest .. .. .	18	8.6	1.2	4.9	-0.2	14.5	30	-6.1	29	189	18	+120	79	12	..
Dunedin Airport .. .. .	1	8.8	0.8	4.8	-0.2	14.8	30	-4.5	28	168	19	+115	73	12	90
Musselburgh, Dunedin .. .. .	2	9.1	2.8	6.0	-0.8	14.4	30	-2.5	28	155	18	+89	35	18	75
Oamaru .. .. .	30	9.9	2.7	6.3	-0.5	16.2	2	-3.3	29	60	10	+17	35	12	122
West Arm, Lake Manapouri .. .. .	180	6.1	1.1	3.6	-0.6	11.0	1	-1.6	27	279	23	+7	45	1	..
Borland Saddle .. .. .	991	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Queenstown .. .. .	329	7.3	-0.3	3.5	-0.8	13.8	1	-4.5	20	75	12	+19	21	12	80
Queenstown Aerodrome .. .. .	352	7.2	-1.8	2.7	..	14.2	1	-9.0	20,21	74	9	..	28	12	..
Mid Dome .. .. .	387	6.4	-1.4	2.5	-1.3	14.6	11	-5.8	28	151	20	+75	36	12	..
Cromwell .. .. .	213	8.2	-2.4	2.9	-0.7	15.5	1,2	-9.0	29	18	5	-7	11	11	..
Ophir .. .. .	305	7.2	-3.8	1.7	-0.4	15.8	2	-11.2	20	23	5	-2	10	12	..
Moa Creek .. .. .	427	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Earnsclough .. .. .	152	8.4	-1.9	3.3	+0.4	16.3	1	-8.6	29	18	10	+2	8	12	..
Alexandra .. .. .	141	8.3	-0.9	3.7	+0.4	16.6	1	-7.6	29,30	30	16	+10	15	12	108
Roxburgh (Power Station) .. .. .	110	8.4	-0.2	4.1	-0.8	16.2	1	-4.3	29	43	15	+5	19	12	..
Moa Flat .. .. .	410	5.8	-0.6	2.6	-0.8	12.5	1	-4.5	29	125	20	-54	36	12	..
Mahinerangi Dam .. .. .	396	..	0.6	..	..	..	..	-5.6	27	265	21	+179	70	12	..
Tapanui .. .. .	226	6.8	0.5	3.7	-1.1	12.6	30	-2.9	27	214	23	+217	51	13	..
Rankleburn Forest .. .. .	255	6.8	0.8	3.8	-0.3	12.8	30	-4.1	27	187	24	+113	57	12	..
Taieri Mouth .. .. .	15	8.5	2.1	5.3	..	14.1	30	-3.2	29	174	18	+100	62	12	..
Otautau .. .. .	55	8.5	1.4	5.0	-0.3	13.7	11	-5.0	27	165	22	+169	38	17	51
Winton .. .. .	44	8.4	1.6	5.0	-0.4	13.7	30	-3.5	27	104	22	+30	16	17	68
Gore, D.S.I.R. .. .. .	124	7.2	1.4	4.3	..	12.6	1	-3.6	27	139	23	+65	34	12	68
Hokonui Forest .. .. .	46	8.1	1.7	4.9	-0.3	13.3	30	-4.0	27,28	139	23	+50	19	17	..
Woodlands .. .. .	47	8.0	1.8	4.9	..	12.9	30	-3.6	27	150	24	..	27	16	..
Invercargill Aerodrome .. .. .	0	8.7	1.2	5.0	-0.3	13.7	30	-3.8	28	133	23	+34	27	16	56
Tiwai Point, Bluff .. .. .	5	8.7	2.9	5.8	..	13.4	30	-1.5	27	108	24	..	19	16	..
Milton .. .. .	18	8.2	1.6	4.9	-0.1	13.3	1	-4.8	27,28	210	19	+144	104	12	..
Finegand, Balclutha .. .. .	6	8.1	1.7	4.9	-0.3	13.2	1	-4.0	21	157	22	..	68	12	77
Nugget Point .. .. .	131	7.6	2.5	5.1	..	11.6	1	-0.8	28	185	25	+109	39	12	..
Rarotonga Airport, Cook Is. .. .. .	5	28.4	19.4	23.9	+1.0	29.1	8	15.4	4	84	16	-20	27	9	164
Raoul Island, Kermadec Is .. .. .	38	19.0	13.6	16.3	-0.8	20.7	19	11.4	8,12,13	156	21	-2	28	5	140
Waitangi, Chatham Islands .. .. .	48	9.3	3.1	6.2	-2.0	13.3	2	-0.4	19,22	102	27	+3	13	8	52
Campbell Island .. .. .	15	5.8	0.2	3.0	-1.7	10.0	11	-4.7	24	149	29	+20	20	10	4
Scott Base, Antarctica .. .. .	18	..	..	-22.4	+3.8	-4.8	27	-37.3	19	..	..	..	..	..	..
Lake Vanda, Antarctica .. .. .	104	..	..	..	..	..	..	..	..	..	..	..	..	..	..

LATE RETURNS

Kerikeri, April 1972 .. .. .	73	21.2	12.0	16.6	+0.5	23.8	6	7.1	22	153	14	+8	79	7	142
Tairua Forest, April 1972 .. .. .	3	20.2	11.2	15.7	+0.6	22.8	24	4.6	14	107	12	+63	36	9	..
Tairua Forest, May 1972 .. .. .	3	17.5	7.8	12.7	+0.7	20.4	14	2.2	26	209	11	+34	120	15	..
Whakatane, May 1972 .. .. .	2	17.5	6.2	11.9	-0.1	22.2	1	1.3	23,26	65	9	-62	21	15	195
Minginui Forest, Feb. 1972 .. .. .	366	22.6	9.7	16.2	-0.4	28.3	29	0.3	7	41	7	-81	13	23	..
Minginui Forest, March 1972 .. .. .	366	21.8	10.6	16.2	+1.4	27.1	2	1.2	18	235	14	+144	59	5	..
Minginui Forest, April 1972 .. .. .	366	18.1	4.5	11.3	-0.2	24.4	2	-2.7	20	86	11	-28	33	8	..
Minginui Forest, May 1972 .. .. .	366	14.6	1.2	7.9	+0.1	18.0	8	-5.4	26	74	11	-73	32	13	..
Lower Retaruke, May 1972 .. .. .	223	14.2	4.2	9.2	..	18.3	1	-2.5	26	200	14	..	55	16	..
Makahu Spur, May 1972 .. .. .	1,479	6.4	0.5	3.5	..	12.6	6	-6.6	26	..	..	..	..	..	..
Makaretu, May 1972 .. .. .	335	14.5	4.2	9.4	..	19.0	6	-2.3	21	120	19	..	40	15	..
Kahui Taihape, May 1972 .. .. .	518	12.0	4.8	8.4	..	16.2	13	-1.3	22	77	14	..	18	13	..
Flock House, Bulls, May 1972 .. .. .	9	15.2	6.3	10.8	+0.4	17.1	13	-1.6	26	94	13	+18	45	13	..

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 a day with rainfall equal to or greater than 0.1 mm.

NOTES ON THE WEATHER FOR JUNE 1972

**General**—After a relatively warm autumn, temperatures fell rapidly towards the end of May accompanied by very early snowfalls which persisted for most of the month, and there were further snowfalls to low levels. Losses of several thousand stock and other damage also occurred as a result of flooding in South Otago and Southland on the 12th. For the country as a whole it was the coldest June for many years, although only a little colder than June 1969. Conditions were, however, in marked contrast to the very mild temperatures experienced during the two intervening winters of 1970 and 1971.

**Rainfall**—Rainfall was below normal over most of the country, mainly by about 25 percent. Some unusually low totals were recorded in Manawatu.

In Southland and most of Otago rainfall was above normal. In an area extending 50 miles inland from just east of Invercargill to just south-west of Dunedin it was more than double the normal value. The heaviest rain in this area was on the 12th, with daily values of up to 150mm, causing floods in the Clutha River at Inchclutha, in the Tokomairiro River at Milton, and also in the Taieri and Mataura Rivers. Southland was isolated by road and rail.

**Temperatures**—Temperatures were appreciably below normal except in Otago and Southland and western Northland, where they were close to normal. Departures averaged 1½°C over the North Island and 1°C over the South Island. In Bay of Plenty, Gisborne, Manawatu, and Wellington this was the coldest June for more than 40 years.