CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for July 1971—continued

Station		Air Temperatures in Degrees (Celsius)								Rainfallin Millimetres					
	Height of Station Above	Means of		Mean of A	Differ-	Absolute Maximum and Minimum				Total	No.	Differ-	Maximum Fall		Bright Sun- shine
	M.S.L.	A Max.	B Min.	and B	From Normal	Maxi- mum	Date	Mini- mum	Date	Fall	Rain Days	From Normal	Amount	Date	-
	Metres	°C	°C	°C		°C		°C		mm			mm		Hrs.
Berwick Forest Dunedin Airport Musselburgh, Dunedin Oamaru West Arm, Lake Manapouri Borland Saddle Queenstown Queenstown Aerodrome Mid Dome Cromwell Moa Creek Earnscleugh Alexandra Roxburgh (Power Station) Moa Flat Mahinerangi Dam Tapanui Rankleburn Forest Taieri Mouth Otautau Winton Gore Hokonui Forest Woodlands Invercargill Aerodrome Tiwai Point, Bluff Milton Finegand, Balclutha Nugget Point Rarotonga Airport, Cook Is. Raoul Island, Kermadec Is. Waitangi, Chatham Islands Campbell Island	18 1 2 30 180 991 329 352 387 213 427 152 141 110 410 410 226 255 15 55 44 72 46 47 0 5 18 18 18 18 18 18 18 18 18 18	8.8 9.5 9.7 9.2 5.0 7.3 8.1 6.8 6.5 7.7 7.1.6 9.0 7.9 9.7 9.8 9.8 9.6 19.8 26.9 10.5 7.7 7.7 10.5	1.3 2.0 3.1 2.2 0.0 -0.3 -2.2 -1.5 -2.5 -2.5 -3.8 -0.4 -0.7 0.9 -2.0 -0.6 -1.2 -0.6 -1.2 -1.8 0.9 -1.9 -1.13 13.3 4.4 3.8	3.8 3.8 6.4 5.7 2.5 3.6 3.3 1.9 1.5 1.6 3.7 3.2 5.8 3.6 5.3 3.4 4.0 4.5 5.3 3.6 4.1 6.0 21.3 16.1 7.5 5.9	-0.8 -0.8 +0.2 -0.3 +0.1 -0.7 -0.8 -0.5 +0.4 -0.5 -0.4 -0.5 -0.7 -0.7 -0.7 -0.3 +0.1 -0.7 -0.9 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5 -0.5	14.9 13.7 12.0 16.5 10.0 10.6 11.5 13.7 11.2 10.5 12.4 12.6 11.8 13.0 13.0 14.8 14.0 14.8 14.0 14.8 14.0 14.0 14.0 14.0 14.0 14.0 14.0 14.0	2 22 4 28 26 19 29 19 4 4 19 25 19, 28 3 19 25 25 29 2 2 25 29 29 29 29 29 29 29 29 29 29 29 29 29	-5.7	10 18 17 9, 10 11 9 14 8, 9 16 17 20 9 18 8 11 9 8 8 11 9 10 11 11 11 12 10 10 10 10 10 10 10 10 10 10	17 17 31 35 75 22 18 28 9 10 11 29 12 12 21 26 23 11 29 52 52 61 40 17 86 66 191 56	5 4 10 10 13 9 7 7 6 6 7 6 6 7 6 9 9 5 5 5 5 4 4 10 10 10 10 10 10 10 10 10 10 10 10 10	-34 -26 -31 +2 -1563433 -14 -5 -6 -9 -19 -38 -47 -54 -49 -40 -43353442 -353435343536 -37 -3838 -47 -54 -49 -40 -4342 -3536 -37 -383838 -47 -54 -49 -40 -433536 -37 -383838 -47 -54 -49 -40 -433536 -37 -3830	10 9 15 7 29 9 7 12 3 8 6 4 4 4 6 10 8 9 9 12 9 7 5 5 15 15 10 10 10 10 10 10 10 10 10 10 10 10 10	13 13 13 29 4 13 4 4 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13	151 141 135 101 111 106 137 129 105 142 234 159

LATE RETURNS

Station	Height of Station Above M.S.L.	Air Temperatures in Degrees (Fahrenheit)									Rainfall in Inches					
		Means of		Mean of A	Differ- ence	Absolute Maximum and Minimum				Total	No. of	Differ- ence	Maximum Fall		Bright Sun- shine	
		A Max.	B Min.	and B	From Normal	Maxi- mum	Date	Mini- mum	Date	Fall	Rain Days	From Normal	Amount	Date		
	Metres	°F.	°F.	°F.		°F.		°F.		In.			In.		Hrs.	
Te Paki Station, June, 1971 Woodhill, June, 1971 Moa Creek, June, 1971 Woodlands, May, 1971 Woodlands, June, 1971 Waihi, June, 1971	58 31 427 47 47 47 92	64.4 62.5 46.9 50.1 50.3	51.2 49.5 29.5 39.5 36.6	57.8 56.0 38.2 44.8 43.5	+3.3 +4.2 +4.4	70.0 67.8 54.3 66.9 55.5	4 6 9 3 18	41.1 40.0 19.8 29.0 30.4	18 13 22 26 3	7.30 4.68 1.76 3.28 3.97	20 24 14 15	+0.1 -0.8 +1.7	2.80 0.65 0.87 1.21	31 6	96	

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.

Notes on the Weather for July 1971

General—Pressures were unusually high to the south of the country in July, with a higher mean pressure at Campbell Island than at Kaitaia. This resulted in an exceptionally high frequency of winds from an easterly quarter, as in previous months back to November, with considerable cloud and rain in some eastern districts but mainly low rainfall and fairly sunny conditions elsewhere. In eastern districts of the North Island and in Northland some farmers found the weather too wet for stock. Elsewhere unusually frosty weather cut back growth but stock were healthy. Lambing commenced under favourable conditions in most districts.

Depressions over Northland caused severe gales there on the 2nd and 26th, and these were reported also in other northern districts on the 2nd.

Rainfall—Rainfall was below normal over the greater part of the country by about 30 percent. In parts of Southland it was less than a quarter of the normal value. It was above normal in eastern districts from East Cape to Ashburton, in most of Coromandel with parts of Bay of Plenty, and in northern Northland. An area on the East Coast around Tokomaru Bay had a surplus of more than 50 percent.

Temperatures—Temperatures were mainly close to normal. However, in some coastal areas of Gisborne and Hawke's Bay they were 1°C warmer than normal. This was the first month since September 1970 for which temperatures over the country were not well above normal. Snow affected many parts of the South Island on the 14th.

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