

CLIMATOLOGICAL TABLE—Summary of the Records of Temperature, Rainfall, and Sunshine for July 1969—continued

Station	Height of Station Above M.S.L.	Air Temperatures in Degrees (Fahrenheit)								Rainfall in Inches				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
LATE RETURNS															
	Ft.	°F.	°F.	°F.		°F.		°F.		In.			In.		Hrs.
Opotiki, June 1969	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Kaweka Forest, June 1969	1,358	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lake Vanda, Antarctica May 1969	..	..	..	..	..	+17.6	6	-55.8	10	..	..	..	..	..	..

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.

#### NOTES ON THE WEATHER FOR JULY 1969

**General**—Pressures were high over New Zealand in July, and rainfall was below average over almost the whole country. In the North Island the weather was also unusually frosty. A shortage of feed was reported in most districts of both Islands. With the aid of supplementary feed, stock were reported to be wintering well. However, in parts of Canterbury the ground was too dry. Lambing commenced in many districts, under favourable conditions.

**Rainfall**—Rainfall was mainly half the average value. Over the greater part of North Otago and South Canterbury, Central Marlborough, and the Waimea Plains of Nelson it was less than a quarter. Oamaru received a total of only 0.10 in.

The only areas with rainfall close to or somewhat above average were Fiordland with part of South Westland, and northern Wairarapa.

**Temperatures**—Over the greater part of the North Island, including especially northern districts, temperatures were more than 2 degrees below average. On the other hand, in many inland districts of the South Island and in coastal Southland temperatures were 1-3 degrees above average.

On the 23rd, in a general northerly flow, some unusually low relative humidities were recorded in Canterbury. At 9 a.m. the value at the Hermitage was 7 percent; at Glentanner, 8 percent; and at Highbank Power Station, 7 percent.

Snow falls to comparatively low levels were reported in Southland and West Otago, Banks Peninsula, and Wairarapa on the 1st and 2nd; in mid Canterbury and the central North Island from the 9th to the 11th; and in the Gisborne high country on the 19th and 20th.

**Sunshine**—Sunshine was above average in northern and eastern districts of the North Island by 20-50 hours. Parts of Northland were especially favoured, Kaitiā receiving 186 hours. In the Wanganui-Manawatu area and also in Buller sunshine was 20 hours below average.

**Weather Sequence**—At the beginning of July pressures were low to the east and south-east, with an anticyclone centred over the Tasman Sea. South to south-west winds prevailed, continuing from the end of June, with rain over most of the North Island and in Marlborough, North Canterbury, and Southland. Snow was reported to low levels in Southland, West Otago, and Banks Peninsula; also in the Rimutaka Ranges. During the next 2 days an anticyclone crossed the North Island and the weather was mainly fair.

During the 5th and 6th a depression passed to the south, and the associated trough of low pressure commenced to cross New Zealand, bringing rain to the greater part of the South Island and western districts of the North Island. The trough became slow moving over the North Island, with rain there on the 7th and 8th, besides the West Coast. Pressures remained low to the east, and a second trough soon crossed the country with fairly general rain on the 9th and 10th. On the 2 following days, yet another trough brought snow to the high country in Canterbury and the North Island, besides rain in Southland, on the West Coast, and in Northland.

On the 13th an anticyclone covered the North Island and the weather was generally settled. This anticyclone remained centred west of the North Island while a weak trough moved north-eastward over the South Island on the 14th, affecting Westland and Buller. During the 2 following days the trough became stationary over the North Island, with light rain there and also in Marlborough and on the West Coast. Another trough brought fairly general light rain during its passage over the country on the 17th and 18th. On the following day a depression developed to the north-east, causing rain in northern and eastern districts of the North Island. In the cold south-easterlies considerable snow was reported on the Gisborne high country. On the 20th an anticyclone covered most of New Zealand but rain still persisted in the Gisborne district. However, on the 21st and 22nd, as the anticyclone moved slowly eastward, the weather was generally settled.

From the 23rd to 25th a depression over the north Tasman Sea crossed the North Island with an associated trough, bringing fairly general rain to the whole country. The rain was heavy on the West Coast on the 23rd and in Auckland city in the evening of the 24th, with some serious street flooding. By the 26th a depression lay to the north-east and there were more cold south-easterlies, with rain in the North Island east of the main ranges. On the 27th a ridge of high pressure extended over the country from the Tasman Sea, bringing fair weather. Light rain was reported in western districts of both Islands besides Wairarapa and Marlborough during the next 2 days with the passage of a trough of low pressure. On the following day the trough became slow-moving and a small depression formed on it near Cook Strait, causing some further rain in that area. On the last day of the month this depression had moved to the east and another trough of low pressure moved on to the South Island with strong westerlies, bringing rain to the West Coast.

J. F. GABITES, Director.

(N.Z. Met. S. Misc. Pub. 107)

## BANKRUPTCY NOTICES

### In Bankruptcy—Supreme Court

CECIL JOHEL TAVINOR, of Opuawhanga, farm hand, was adjudged bankrupt on 6 August 1969. Creditors' meeting will be held at the Courthouse, Whangarei, on Tuesday, 19 August 1969, at 10.30 a.m.

T. P. EVANS, Official Assignee.

Whangarei.

### In Bankruptcy—Supreme Court

BRIAN JOHN PESTER, of Cambridge Road, R.D. 1, Tauranga, farm worker, was adjudged bankrupt on 13 August 1969. Creditors' meeting will be held at the Courthouse, Tauranga, on Wednesday, 27 August 1969, at 11 a.m.

P. R. LOMAS, Official Assignee.

First Floor, State Insurance Building, 136 Victoria Street, Hamilton.