

CLIMATOLOGICAL TABLE—continued

Summary of the Records of Temperature, Rainfall, and Sunshine for October, 1950—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.
	Ft.	°F.	°F.	°F.	°F.	°F.	°F.		In.		In.		Hrs.		
Tara Hills ..	1,600	64.1	39.9	52.0	..	75.2	26	27.3	10	1.82	8	..	0.90	15	..
Milford Sound ..	20	61.5	44.7	53.1	(+3.5)	66.8	20	35.0	11	9.88	13	(-15.29)	2.15	29	..
Waimate ..	200	61.5	43.7	52.6	+0.3	76.5	8	33.5	6	2.55	12	+0.47	1.04	30	121.7
Queenstown ..	1,100	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cromwell ..	720	66.6	44.3	55.4	..	76.0	25	28.3	10	1.68	9	..	0.92	29	..
Ophir ..	1,000	65.9	39.6	52.8	+2.5	74.9	24	22.0	10	3.12	8	+1.40	1.12	25	..
Earnsclough ..	500	66.6	42.6	54.6	..	75.2	23, 28	26.0	10	2.09	11	..	0.55	15	..
Waipiata ..	1,550	60.8	42.1	51.4	+2.6	74.0	28	27.0	5	1.49	8	-0.11	0.48	15	215.3
Alexandra ..	520	67.2	44.1	55.6	+3.4	76.5	24	28.9	10	1.85	11	+0.62	0.49	29	201.3
Roxburgh Hydro ..	350	68.0	43.6	55.8	..	76.8	24	32.3	11	2.24	8	..	0.99	26	..
Mid Dome ..	1,252	62.7	42.5	52.6	..	74.0	28	26.0	18	3.65	10	..	2.12	29	..
Moa Flat, West Otago..	1,345	61.2	41.4	51.3	..	70.7	28	30.8	5	1.73	14	..	0.67	15	..
Manorburn Dam ..	2,448	58.2	35.5	46.8	+2.4	79.0	29	22.5	10	1.88	9	+0.11	0.64	26	..
Taieri ..	80	62.6	42.7	52.6	+1.5	73.9	29	30.2	5	1.36	14	-0.83	0.51	29	181.3
Musselburgh, Dunedin	5	60.8	46.3	53.6	(+1.1)	75.0	29	37.2	10	1.32	12	-1.04	0.48	15	185.8
East Gore ..	245	64.6	42.4	53.5	+2.9	81.0	28	33.0	4, 5	1.91	10	-1.04	0.83	29	..
Gore ..	240	64.7	41.8	53.2	+2.4	81.0	28	31.5	4	1.80	10	..	0.81	15	185.2
Otautau ..	180	62.2	42.0	52.1	..	72.6	28	27.0	5	2.37	9	..	0.80	29	..
Invercargill ..	32	63.4	43.6	53.5	+3.3	77.0	28	33.0	4, 6	2.55	10	-1.03	0.60	15	164.2
Invercargill South ..	8	62.4	43.9	53.2	+2.5	77.3	28	33.5	10	2.33	10	-1.34	0.72	15	..
LATE RETURN															
Waihi, Sept., 1950 ..	354	61.7	42.8	52.2	+0.4	66.2	10	27.8	14	2.78	15	-4.01	0.80	4	171.8

NOTE.—At stations where departures from normal are in parentheses, the temperature record has been maintained for less than ten years, the rainfall record for less than twenty years, and the normals are partly interpolated.

NOTES ON THE WEATHER FOR OCTOBER, 1950

**General.**—October was a rather warm month notable for the absence of the westerly winds usually so common at this time of the year. The persistence of easterly winds completely upset the distribution of rainfall with the result that the west coast was drier than the east. Nevertheless rainfall was adequate and it was only in Gisborne and Northern Hawke's Bay that totals greatly exceeded farming requirements. Excellent pasture growth has helped to maintain dairy production at a high level. Cold, wet weather in Canterbury during the final three days was responsible for some losses among lambs and newly-shorn sheep, but otherwise conditions were very favourable for stock.

**Rainfall.**—In Gisborne and Northern Hawke's Bay it was the wettest October since 1904. Other eastern districts north of Otago also had a surplus, as did most of the Auckland Province, also Central Otago and Southern Wellington. On the other hand, Westland received less than half the normal October rainfall.

**Temperatures.**—As in the previous month, mean temperatures were well above normal. On the east coast the departure was about 1° F. or less, elsewhere about 2°, but exceeding 3° in the centre of both islands.

There was a moderate snowfall in the South Island Ranges during the last three days.

**Sunshine.**—In Westland it was a remarkably sunny month. At both Hokitika and Westport the duration of bright sunshine was better than two hours a day above the October average, and it was only exceeded by the Nelson figure. The only sunnier October at Hokitika in the last 37 years occurred in 1929. There was also a substantial excess on the West Coast of the Wellington Province.

East of the ranges from Canterbury northwards, and also about the Bay of Plenty it was rather a cloudy month.

**Weather Sequence.**—At the beginning of the month the weather was mainly fair as an anticyclone moved away eastwards from the South Island. In the Northland and Gisborne districts, however, it was still raining after a week of unsettled weather. A cold front from the south-west advanced slowly northwards during the 2nd and 3rd accompanied by a broad band of rain. With the development of a depression on this front south-easterlies freshened temporarily and rain became general over the North Island, heaviest falls

occurring in the north and east. The centre travelled across Northland on the evening of the 4th. An extensive ridge of high pressure over the South Island proceeded slowly north-eastwards and brought a temporary clearance to the North Island on the 7th.

Early on the 8th a depression passed close to Southland travelling rapidly south-eastwards. The passage of the associated frontal systems was followed by a spell of settled weather from the 10th to the 14th associated with the leisurely eastward progression of a large and intense anticyclone. Though conditions were bright and sunny at first with some light frosts at night, cloud increased in the South Island after the 12th and a little rain fell in the south due to the passage of weak westerly disturbances in the sub-antarctic.

On the 15th there was a rapid deterioration as a very active trough began to move slowly eastwards across the Dominion. With the advance of an anticyclone on to the South Island on the 17th the weather improved in western districts and also south of Christchurch. It remained very unsettled in the North Island until the 21st, especially in the north and east where some heavy rainfall was reported. This was brought about by a low pressure centre which developed within the trough, then travelled very slowly across the Auckland province and off to the north-east. On the 17th and 18th south-easterly winds rose to gale force in exposed places about Cook Strait.

For several days after the 21st the weather over New Zealand was controlled by a large and intense anticyclone the centre of which passed in the south on the 22nd. It was a period of light winds which turned gradually from south-east to north-east. Skies were rather cloudy and drizzle and fog were fairly widespread in the north and on the east coast, chiefly in the mornings. When the anticyclone was centred east of the Chatham Islands on the 25th, another high pressure centre developed off Westland. When the latter moved slowly across to the east, northerlies prevailed, and temperatures became rather warm.

Heavy rain began to spread eastwards across the country during the 29th with the approach of a complex disturbance from the Tasman Sea. By the next morning fresh to strong southerlies prevailed over the South Island and south-westerlies or westerlies over the North Island. Winds soon moderated, but the weather remained cloudy and unsettled. Another trough was approaching from the west at the end of the month.

M. A. F. BARNETT, Director.

(N.Z. M.O. 107.)

Unclaimed Lands.—Notice by the Public Trustee Under the Public Trust Office Act, 1908 (Part II), and its Amendments

To the owner of the following land, that is to say: All that parcel of land containing one rood two poles, more or less, being Section 7 of Block I of the Town of Beaulieu, as shown on the plan endorsed on Crown Grant Number 31909, to John Patton, of Beaulieu, Settler, and being the whole of the land comprised in Certificate of Title, Volume 211, folio 98, of the register-book at Dunedin.

WHEREAS, after due inquiry, the owner of the above-described land cannot be found: And whereas the said owner has no known agent in New Zealand:

Now, the Public Trustee hereby calls upon such owner, within six months of the date of the publication of this notice in this Gazette, to establish to the satisfaction of the Public Trustee his title to the said land, and if he fails or neglects so to do the Public Trustee will exercise as regards the said land the powers and authorities granted to him in and by the Public Trust Office Act, 1908 (Part II), and its amendments.

Dated this 17th day of November, 1950.

H. W. S. PEARCE, Public Trustee.