

CLIMATOLOGICAL TABLE—continued  
Summary of the Records of Temperature, Rainfall, and Sunshine for August, 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.		In.		In.		Hrs.	
Timaru .. .. .	56	51.9	32.9	42.4	-1.4	63.2	23	24.8	9	4.41	9	+3.02	2.10	30	186.1
Adair .. .. .	200	50.8	35.6	42.9	..	60.8	23	29.0	19	4.09	11	..	2.34	30	..
Tara Hills .. ..	1,600	47.4	27.7	37.4	..	55.8	4	20.7	19	2.23	18	..	0.79	30	..
Milford Sound ..	20	51.0	33.9	42.4	(-0.4)	64.2	6	28.2	19	16.70	13	(+0.86)	4.82	20	..
Waimate .. .. .	200	53.7	32.5	43.1	-1.2	64.0	23	25.5	9	3.57	9	+1.94	1.85	30	187.5
Queenstown .. ..	1,100	49.0	31.9	40.4	-1.1	58.0	2	25.2	8	2.89	8	+0.87	1.04	20	145.1
Cromwell .. .. .	720	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ophir .. .. .	1,000	49.5	24.8	37.2	-2.2	60.4	3	16.8	13	1.22	7	+0.43	0.39	30	..
Earnsclough .. .	500	50.6	27.5	39.0	..	60.8	3	20.3	16	1.10	6	..	0.39	31	..
Waipiata .. .. .	1,550	46.3	29.5	37.9	-1.7	59.2	3	22.2	25	1.02	6	-0.08	0.46	31	174.6
Alexandra .. .. .	520	50.6	28.4	39.5	-1.7	61.6	3	21.7	13	0.98	8	+0.33	0.27	30	178.5
Mid Dome .. .. .	1,252	48.8	31.4	40.1	..	59.0	1	22.0	18, 25	2.41	8	..	0.80	17	..
Moa Flat, West Otago..	1,345	46.7	31.7	39.2	..	55.1	1	26.2	18	1.51	12	..	0.37	16	..
Manorburn Dam ..	2,448	..	..	..	..	..	..	..	..	0.64	..	..	..	..	..
Taieri .. .. .	80	52.9	31.0	41.8	(-1.9)	64.4	2	22.8	28	1.60	9	(-0.35)	0.44	29	154.1
Musselburgh, Dunedin	5	51.8	35.7	43.8	(-1.3)	61.4	23	28.7	19	1.45	9	-0.77	0.40	30	153.1
East Gore .. .. .	245	51.6	32.4	42.0	-0.5	62.0	1	26.0	15	1.64	14	-0.54	0.41	3	..
Gore .. .. .	240	51.6	32.4	42.0	-0.9	62.5	1	26.0	19	1.66	13	..	0.41	3	156.5
Otautau .. .. .	180	51.2	33.3	42.2	..	61.4	1	26.8	15, 19	1.65	12	..	0.41	16	..
Invercargill .. ..	32	51.3	34.9	43.1	-0.3	62.0	1	27.0	15, 19	2.15	15	-0.88	0.47	16	115.9
Invercargill South ..	8	51.3	35.1	43.2	-0.7	63.0	1	28.0	15	2.00	13	(-1.11)	0.52	16	..

LATE RETURNS

Haast, July, 1950 ..	15	52.9	38.4	45.6	..	59.0	2	26.5	17	11.87	16	..	3.83	22	126.6
Milford Sound, July, 1950	20	49.6	35.4	42.5	(+1.1)	58.5	7	26.9	20	15.38	13	(+2.99)	3.72	22	..
East Gore, July, 1950..	245	48.3	34.0	41.2	+2.1	56.0	22	24.0	20	2.17	17	+0.11	0.30	16	..

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 AUGUST, 1950

General.—August is normally a month of changeable weather and the past month was no exception. Although on the whole temperatures were about normal, two spells of clear, frosty weather had the effect of retarding early seasonal growth of crops and pastures. Cold rain towards the end of the month caused many deaths among young lambs, especially in South Canterbury.

Rainfall.—In Canterbury and North Otago rainfall was more than twice the normal, most of it falling within the last few days. In the Waitaki-Waimate district it was the wettest August for over 40 years. There was a small deficiency in Westland, Southland, South Otago, Taranaki, and most of the Auckland Province. Rivers in South Canterbury were in high flood on the 22nd following heavy rain in the ranges, and again on the 30th after the heaviest day's rainfall experienced in the district in any August during the last 40 years.

Temperatures.—Mean temperatures in the North Island differed little from the average apart from a slight negative tendency in eastern districts. In the South Island they were mostly 1° or 2° below normal, but as much as 3° in the high country of Canterbury.

Light falls of snow occurred on the 6th-7th and again on the 18th-19th.

Sunshine.—Canterbury had the unusual experience of a very sunny month combined with high rainfall, the sunshine total being equivalent to 1 to 1½ hours a day better than the average throughout the province. Apart from a small deficiency in Marlborough and near Invercargill, the remainder of the South Island was also well favoured with sunshine. In the North Island there was a moderate deficiency in the east and south, and a slight surplus elsewhere.

Weather Sequence.—At the beginning of the month a spell of fine weather was drawing to a close with the departure of an intense anticyclone towards the east. The approach of a complex low pressure system from the west caused a general deterioration on the 2nd.

When the centre of a deep depression passed rapidly across southern New Zealand on the 3rd, heavy rain fell for a time in most places, while westerly gales were felt over a greater part of the North Island. The weather remained very unsettled. Another and even deeper depression passed south-eastwards through Cook Strait on the 6th, followed soon afterwards by a small secondary depression whose path lay across the middle of the North Island.

It became much colder on the 7th with some light snow falling

in the South Island, but the weather soon cleared in Otago and Southland. Elsewhere it remained unsettled, under the influence of a shallow, almost stationary trough which extended from Westland north-eastwards across the centre of the North Island.

A spell of clear, frosty weather began on the 9th and continued for another six days. During this period a large, intense anticyclone moved slowly eastwards across the middle of the Dominion. Easterly winds prevailed in the north, however, and after the 11th showers developed about Gisborne and in exposed parts of Northland and Coromandel.

In the South Island, some rain fell on the 16th during the passage of a cold front and again when a secondary cold front passed some eighteen hours later. A ridge then extended across the Tasman Sea to southern New Zealand while a shallow depression formed west of the North Island. When the latter moved slowly eastwards across Auckland and the Bay of Plenty widespread rain developed north of Canterbury and Buller. The ridge advanced slowly north-eastwards giving a temporary improvement in the north, but it began to rain heavily in Westland on the 20th with the approach of an unstable frontal system from the west. Two wave depressions formed within this system—the first passed Southland on the afternoon of the 20th, the second travelled rapidly eastwards across the centre of the North Island during the night of the 21st causing heavy rain and gales from Canterbury to South Auckland. Rivers in South Canterbury were in high flood on the 22nd, but the weather showed a general improvement during the day.

After the passage of a deep depression far to the south late on the 22nd, a cold front advanced rapidly from the south-west. With rising barometers, the weather then became clear and frosty.

By the 25th an intense anticyclone was moving slowly eastwards across New Zealand. At the same time, Northland came under the influence of an extensive depression approaching from the north. Rain spread slowly southwards to eastern districts of the North Island, as the depression pursued a south-easterly course to pass over East Cape on the night of the 28th. On the following day, when a complex disturbance arrived from the west, rain became general with heaviest falls in Canterbury.

At the end of the month this disturbance was centred east of Hawke's Bay and was moving away slowly eastwards, while a ridge from the west brought improved weather to Southland.

M. A. F. BARNETT, Director.

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

Officiating Ministers for 1950.—Notice No. 31

Registrar-General's Office,  
Wellington, 18th September, 1950.

PURSUANT to the provisions of the Marriage Act, 1908, the following names of officiating ministers within the meaning of the said Act are published for general information:—

Apostolic Church

Pastor James Walter Kitchener Keane.  
Pastor James Evan Worsfold.

Elim Gospel Mission

Mr. Francis Brian Woollaston.

P. H. WYLDE, Registrar-General.

Notice to Persons Affected by Application for Licence under Part III of the Industrial Efficiency Act, 1936

Retail Sale and Distribution of Motor-spirit

Rotorua Engineering Co., Ltd., Hinemoa Street, Rotorua, has applied for permission to shift two petrol pumps from their present site in Hinemoa Street, to a new site 200 yards distant outside new garage premises in the same street.

Applicants and other persons considering themselves to be materially affected by the decision of the Bureau of Industry on this application should, not later than 28th September, 1950, submit any written evidence and representations they may desire to tender. All communications should be addressed to Secretary, Bureau of Industry, C.P.O. Box 3025, Wellington.

J. D. KERR, Secretary.