

NOTES ON THE WEATHER FOR AUGUST 1962

General: August was a mild month. Winter temperatures generally have been the mildest for about 40 or 50 years, and this has been especially appreciated in the South Island where pasture growth has commenced early and stock have wintered well. In parts of the North Island the ground has become too wet. Lambing commenced in most districts under favourable weather conditions.

Small local tornadoes caused damage in New Plymouth and Whakatane on the 3rd. A tornado was also reported at Te Mata, near Raglan, on the 29th.

Rainfall: Rainfall was about two-thirds of the average value in eastern districts from Central Hawke's Bay to Canterbury and also in parts of Southland and Westland. On the other hand, it was double the average in Central Otago, and 50 per cent above in an area extending from south of Opoiki to Wairoa and Gisborne. Elsewhere it was mainly close to normal.

Temperatures: Temperatures were above average by 1 to 2 degrees in the North Island and by a degree in the South Island.

Snow was reported on the high country of both islands and to fairly low levels in the South Island on the 5th and from about the 11th to the 14th.

Sunshine: Sunshine was mainly close to the average value. However, Canterbury was favoured with about 25 hours above normal, while Bay of Plenty, Wairarapa, and the Southern Lakes District were below normal by a similar amount.

Weather Sequence: On the 1st a complex area of low pressure lay to the west and south-west of the South Island, and rain affected many districts. However, eastern districts and most of the Auckland Province escaped. During the next three days a complex depression developed over the north Tasman Sea and crossed the country. Rain was general, with some heavy falls on the 2nd in northern and western districts. Two tornadoes were reported on the 3rd, in New Plymouth and Whakatane. On the 5th a depression developed to the north-east of Auckland and cold southerlies freshened, with rain in most districts from Christchurch northward; snow was reported on the hills in parts of the South Island and on the high country in the North Island. For the next three days the weather was mainly fine during the passage of an anticyclone across New Zealand and to the east. However, the depression to the north-east of Auckland caused rain there and in Northland, Gisborne, and Hawke's Bay on the 6th, and this still persisted in the last two districts on the 7th. By the 8th the weather had not yet cleared in the Gisborne district and rain was commencing again in Southland.

The weather deteriorated in western and southern districts on the 9th, with a depression over the north Tasman Sea and a trough over the South Island. Rain became general on the following day with the passage of the depression close to Northland and the trough crossing the North Island. A spell of six days of settled weather commenced for many districts on the 11th as an anticyclone south-east of Tasmania spread a ridge of high pressure over the country; later the anticyclone moved slowly north-eastward to pass across Northland. However, on the 11th most eastern districts experienced a cold southerly change with rain, and snow to low levels in Dunedin and Christchurch. This was caused by the circulation around the depression still centred to the north-east of the North Island. The weather cleared rather slowly in eastern districts, and some rain was also reported on several days in Southland.

The North Island experienced general rain, mainly light, during the passage of a depression on the 17th and 18th. Nelson and Marlborough were also affected. A weak trough of low pressure which moved on to the South Island on the 18th caused some rain in Southland, which spread to parts of Westland on the following day, while the weather cleared over most of the North Island and in Nelson and Marlborough. During the 20th and 21st strong northerly to north-westerly winds predominated as a depression moved from the South Tasman Sea on to Southland. Rain spread over the greater part of the country but did not affect southern and eastern districts from Invercargill to Gisborne. The deterioration became general with the development over the North Tasman Sea of a depression, which passed over Cook Strait during the 23rd and 24th. With the change to southerly winds the weather soon cleared on the West Coast and by the 24th the improvement extended over most of the South Island. On the following day there was generally fair weather, under the influence of an anticyclone. A deterioration soon occurred in western and northern districts on the 26th with the approach of a small depression over the north Tasman Sea; and on the following day rain spread to all districts except Hawke's Bay as the depression and an associated trough crossed the country.

The last four days of the month were marked by westerly weather, with high pressures to the north and very deep depressions to the south-west and later south. There was considerable rain in western districts of both Islands and some rain spread to most other areas, except near the east coast from Christchurch to East Cape.

R. G. SIMMERS, Director.

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

Ministry of Works—Schedule of Civil Engineering, Building, and Housing Contracts of £10,000 or More in Value

| Name of Work | Successful Tenderer | Amount of Tender Accepted | |
|---|--|---------------------------|-------|
| | | £ | s. d. |
| <i>Civil Engineering—</i> | | | |
| Kopu-Hikuai Road—Hikuai—Fourth Branch section: Construction of Kaituna Stream Bridge | R. D. Gadsby | 12,735 | 6 4 |
| Awanui-Bluff S.H. 1—Fine graded hotmix asphaltic paving of four lengths between Northcote and Orewa | Bitumix Ltd. | 15,516 | 13 4 |
| Pokeno-Wellington S.H. 2—Papamoa Overbridge - Long Swamp section: Reconstruction, metalling, and sealing 135 chains | Taylor and Culley Ltd. | 67,198 | 0 2 |
| <i>Building—</i> | | | |
| Erection of reception unit and medical centre, Sunnyside Hospital, Christchurch | M. L. Paynter Ltd. | 388,466 | 0 0 |
| Erection of automatic telephone exchange, Papatoetoe | Wilkins and Davies Construction Co. Ltd. | 58,939 | 0 0 |
| Erection of additional classroom block, Mount Roskill Grammar School | M.B. and M. Builders Ltd. | 45,035 | 0 0 |
| Erection of new classroom block, Lynfield College | J. W. Maddren and Son Ltd. | 40,256 | 0 0 |
| <i>Housing—</i> | | | |
| Contract No. 160/27: Six units at Tawa | H. J. Corskie Ltd. | 17,871 | 0 0 |
| Contract No. 160/29: Four units at Tawa | R. A. Ross Ltd. | 12,847 | 0 0 |
| Contract No. 160/38: Four units at Tawa | R. A. Ross Ltd. | 11,413 | 0 0 |
| Contract No. 160/39: Five units at Tawa | H. J. Corskie Ltd. | 15,547 | 0 0 |
| Contract No. 274/11/6: 36 units at Tamaki | Tileman (Overseas) Ltd. | 142,776 | 17 3 |

J. T. GILKISON, Commissioner of Works.

New Zealand Railways—Schedule of Civil Engineering and Building Contracts of £10,000 or More in Value

| Name of Work | Successful Tenderer | Amount of Tender Accepted |
|--|--|---------------------------|
| | | £ |
| Earthwork formation and drainage for Dunedin new delivery yard | J. C. Mowat and Sons Ltd., Dunedin | 39,080 |

A. T. GANDELL, General Manager.

Notice Under the Regulations Act 1936

PURSUANT to the Regulations Act 1936, notice is hereby given of the making of regulations as under:

| Authority for Enactment | Short Title or Subject-matter | Serial Number | Date of Enactment | Price (Postage Free) |
|---------------------------|---|---------------|-------------------|----------------------|
| Harbours Act 1950 | Harbour Boards Representation Order 1959, Amendment No. 2 | 1962/168 | 19/9/62 | 6d. |

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