

FORECASTS FOR AUGUST, 1899.

The forecasts issued by this office at 11 p.m. each night are posted up at every telegraph station in Canada, and are for the 24 hours beginning at 8 a.m. the following day.

The number of predictions issued during the month was 1000. These were divided as follows:—

| DISTRICT. | No. ISSUED. | VERIFIED. | | | |
|-------------------------|-------------|-----------|------------|---------|------------|
| | | No. Fully | No. Partly | No. Not | Percentage |
| MANITOBA..... | 99 | 80 | 10 | 9 | 85.9 |
| LAKE SUPERIOR..... | 111 | 90 | 18 | 3 | 89.2 |
| LOWER LAKE REGION..... | 115 | 107 | 8 | 0 | 96.5 |
| GEORGIAN BAY..... | 113 | 105 | 5 | 3 | 95.1 |
| OTTAWA VALLEY..... | 105 | 97 | 5 | 3 | 94.8 |
| UPPER ST. LAWRENCE..... | 105 | 95 | 6 | 4 | 93.3 |
| LOWER ST. LAWRENCE..... | 112 | 102 | 7 | 3 | 94.2 |
| GULF..... | 120 | 106 | 12 | 2 | 93.3 |
| MARITIME PROVINCES..... | 120 | 102 | 17 | 1 | 92.1 |
| TOTAL..... | 1000 | 884 | 88 | 28 | 92.8 |

In order to obtain the percentage of verification of the predictions, the number partly verified is divided by two and added to the number fully verified, and the result divided by the total number issued.

In ascertaining to what extent the predictions have been verified, the reports from the agents at all observing stations, as well as the telegraphic reports, are used.

The forecasts and storm warnings were issued by Forecast Official—B. C. Webber.

ABSTRACT of Observations at Fort Good Hope Mackenzie River. Lat 66° 20' N. Long. 128° 25' W. From 1st March, 1898, to 30th June, 1899, by the Rev. R. P. Seguin.

| | TEMPERATURE. | | | | | | WIND DIRECTION FROM | | | | | | | | Rain. | | Snow. | | Gales. | Fogs. | Fair Days. | |
|--------------------|--------------|--------|--------|-------|-------|-------|---------------------|-------|----|-------|----|-------|----|-------|-------|------|-------|-------|--------|-------|------------|------|
| | 7 a.m. | 2 p.m. | 9 p.m. | Mean | Max. | Min. | N. | N. E. | E. | S. E. | S. | S. W. | W. | N. W. | C. | Amt. | dys. | Amt. | | | | dys. |
| | ° | ° | ° | ° | ° | ° | N. | N. E. | E. | S. E. | S. | S. W. | W. | N. W. | C. | in. | dys. | in. | | | | dys. |
| March, 1898..... | -13.0 | 4.8 | -3.4 | -3.8 | 30.0 | -33.0 | 11 | 19 | 16 | 7 | 0 | 0 | 19 | 21 | 0 | 0.00 | 0 | 13.0 | 5 | | | |
| April..... | 10.7 | 30.2 | 23.8 | 22.1 | 50.0 | -2.0 | 12 | 5 | 6 | 5 | 0 | 2 | 39 | 21 | 0 | 0.00 | 0 | 16.8 | 7 | | | |
| May..... | 28.7 | 45.7 | 38.2 | 37.7 | 80.0 | 3.0 | 31 | 7 | 0 | 13 | 0 | 0 | 31 | 11 | 0 | 0.05 | 1 | 8.8 | 6 | | | |
| June..... | 45.1 | 60.5 | 56.6 | 54.7 | 75.0 | 33.0 | 25 | 21 | 4 | 11 | 0 | 1 | 6 | 22 | 0 | 0.25 | 1 | ..... | ..... |  |  |  |
| July..... | 48.4 | 62.2 | 58.8 | 57.0 | 79.0 | 34.0 | 12 | 8 | 0 | 8 | 0 | 2 | 13 | 40 | 0 | 0.60 | 2 | ..... | ..... |  |  |  |
| August..... | 47.9 | 62.3 | 56.0 | 55.5 | 75.0 | 24.0 | 17 | 22 | 0 | 3 | 0 | 3 | 15 | 33 | 0 | 0.22 | 3 | ..... | ..... |  |  |  |
| September..... | 33.0 | 44.1 | 39.4 | 39.0 | 66.0 | 11.0 | 15 | 25 | 1 | 3 | 0 | 0 | 26 | 10 | 0 | 0.25 | 3 | ..... | ..... |  |  |  |
| October..... | 0.5 | 10.6 | 6.4 | 6.0 | 30.0 | -35.0 | 17 | 16 | 28 | 0 | 0 | 0 | 9 | 23 | 0 | 0.00 | 0 | 6.8 | 4 | | | |
| November..... | -25.7 | -22.0 | -24.8 | -24.3 | 7.0 | -52.0 | 15 | 1 | 33 | 3 | 0 | 0 | 25 | 13 | 0 | 0.00 | 0 | 7.7 | 4 | | | |
| December..... | -23.6 | -21.0 | -22.4 | -22.3 | 16.0 | -47.0 | 17 | 13 | 31 | 5 | 0 | 0 | 18 | 9 | 0 | 0.00 | 0 | 16.5 | 6 | | | |
| January, 1899..... | -31.9 | -30.6 | -31.8 | -31.6 | 12.0 | -56.0 | 3 | 0 | 38 | 9 | 0 | 0 | 32 | 11 | 0 | 0.00 | 0 | 12.0 | 5 | | | |
| February..... | -41.8 | -41.2 | -41.6 | -41.6 | -18.0 | -59.0 | 0 | 11 | 54 | 0 | 0 | 0 | 19 | 0 | 0 | 0.00 | 0 | 3.0 | 3 | | | |
| March..... | -24.0 | -22.3 | -21.2 | -22.4 | 23.0 | -53.0 | 0 | 3 | 44 | 2 | 0 | 0 | 10 | 34 | 0 | 0.00 | 0 | 23.3 | 7 | | | |
| April..... | -2.0 | 8.9 | 5.8 | 4.6 | 36.0 | -29.0 | 16 | 29 | 6 | 6 | 0 | 0 | 19 | 14 | 0 | 0.00 | 0 | 13.8 | 9 | | | |
| May..... | 25.4 | 39.9 | 34.5 | 33.6 | 60.0 | 4.0 | 28 | 17 | 14 | 7 | 3 | 0 | 20 | 4 | 0 | R. | ..... | 0.9 | 3 | | | |
| June..... | 46.6 | 60.2 | 58.9 | 56.1 | 72.0 | 34.0 | 20 | 5 | 6 | 12 | 6 | 0 | 26 | 15 | 0 | 0.57 | 4 | ..... | ..... |  |  |  |

The Maximum and Minimum Temperature are from the readings of the ordinary Thermometer at Observation hours.

R. F. STUPART,
Director.

Meteorological Office, Toronto,
26th September, 1899.