

## V.—CLIMATE AND METEOROLOGY.

### THE WEATHER OF CANADA DURING THE YEAR 1915.

From the Monthly Weather Map of the Dominion Meteorological Service, Toronto.  
 JANUARY.

**Temperature.**—The mean temperature of the month was above the normal over the whole of the Dominion, except in the peninsula of Ontario, where the negative departure was from one to three degrees. The greatest positive departures were from four to six degrees in some sections of Saskatchewan and Alberta, also in Quebec and New Brunswick. From Lake Superior westward to the mountains, the precipitation was very light, and, with a few local exceptions, considerably below normal. From the Great Lakes eastward, departures from average were not as a rule pronounced, and were in some parts a little in excess, and at others there was a deficiency.

**Precipitation.**—Perhaps the most notable feature was the unusually heavy snow-fall in the Ontario peninsula. From Port Arthur westward to the Rocky mountains the depth of snow on the ground at the close of the month ranged between four and eight inches, while over the greater part of Ontario it was from 10 inches to two feet in depth. In Quebec and northern New Brunswick the depth was from seven to 18 inches, and in southern New Brunswick and Nova Scotia the covering was not more than one or two inches.

#### FEBRUARY.

**Temperature.**—The mean temperature of the month was considerably above the normal in all parts of the Dominion. From Lake Superior westward to the Rockies the positive departures, with the exception of northern Alberta, ranged between 10 and 17 degrees. In the vicinity of Edmonton and in British Columbia, the excess was from three to four degrees, and from the Great Lakes to the Maritime provinces from two to eight degrees.

**Precipitation.**—In British Columbia and over the greater part of the western provinces the precipitation was considerably below the normal, and in many sections of the prairies it was extremely light. In Ontario and Quebec departures from average were nowhere large, and were positive in some localities and negative in others. In the Maritime provinces, while the total amount was not particularly light, it was below the average in nearly all districts. In the western provinces, while bare ground was visible in some places at the close of the month, most of the country had a thin covering of snow, and in southern Alberta a depth of 10 to 12 inches was reported, with a crusted surface in some sections. In southern Ontario the fields were practically bare and only drifts remained; but in the eastern part of the province there was a covering in most places of two to eight inches. In the Georgian bay region and northern districts, however, the snow ranged from six inches to two feet in depth. In Quebec the depth was from one inch to eight inches in the western part of the province, and from 14 to 36 inches farther east. Snow was fairly deep in the interior of New Brunswick, but in the southern part of that province and in Nova Scotia the ground was practically bare.

#### MARCH.

**Temperature.**—The mean temperature was considerably above average in the western provinces, and particularly so in the more northern districts, where in Saskatchewan and Alberta the positive departure exceeded 10 degrees. From Lake Huron eastward the departures from average were quite small, with a tendency towards being positive in the more northern parts, and negative in the south.

**Precipitation.**—There was a marked deficiency of precipitation in all parts of the Dominion, except Cape Breton and apparently the north Pacific coast, and most of that which occurred was in the form of snow, except at low levels in British Columbia. At the close of the month, in the northern districts of British Columbia and on the higher levels throughout the province, there was considerable snow on the ground, while the valleys in the southern part of the province were bare the greater part of the month. The western provinces were quite bare of snow, as were also southern and eastern Ontario, and the greater portion of the Maritime provinces. In New Ontario and in northern and eastern Quebec, the snow was still quite deep, and in northern New Brunswick there was a covering of several inches.