

## METEOROLOGICAL SERVICE, DOMINION OF CANADA.

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# Monthly Weather Review.

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VOL. XXIV

FEBRUARY, 1900.

No. 2

## INTRODUCTION.

In compiling the present Review the principal data made use of are the telegraph reports of observations received at this office for the purpose of weather forecasting, and reports by mail from voluntary observers and storm signal agents. For the material used in tracing the paths of areas of high and low pressure in the United States, we are indebted to the Chief of the Weather Bureau, Washington, D.C.

## REMARKS UPON THE WEATHER.

The weather of February though nowhere extraordinary was not altogether featureless, there being some marked departures in temperature: From the Ottawa Valley westward to the Pacific it was from average to 6° below, whilst eastward to the Atlantic it was 1° to 6° above. The precipitation west of Ontario was average or below in the western portion of the country and above in the eastern portion, including Ontario. There was much bright sunshine in most districts, but in the more eastern Provinces the almost perpetual cold winds were exceedingly unpleasant. A report from Victoria that frogs were piping on the 20th was the only note of spring like character.

The weather in British Columbia was almost normal, the temperatures and precipitation being about average and other conditions differing little. Along the coast there were strong westerly gales on the 5th and 28th and from the 13th to 17th light snow fell in Vancouver Island. Over the upper mainland the weather was mild during the first half of the month, after which it turned cold, whilst over the lower mainland the temperature changed more frequently. At Victoria frogs were piping on the 20th.

In the North-west Territories the weather was unusually cold, with a rather excessive amount of precipitation. A few blizzards were recorded but there were frequent calms and much bright sunshine. Temperatures of -40° were reported from several places and the minimum temperatures at most places occurred about the 8th. Owing to the light covering of snow sleighing was poor in most districts.

In Manitoba both the temperature and precipitation were below average and although it was unpleasantly cold there was much bright sunshine and frequent calms. Blizzards occurred at several stations, but they were not very severe. The minimum temperatures were equally severe with those recorded in the Territories and occurred generally on or about the 9th. There was little snow for sleighing until the end of the month and in some districts the ground was bare.

The weather in Ontario was unusually cold and although there was much bright sunshine the almost perpetual keen winds made it exceedingly unpleasant, added to this was an excessive amount of precipitation, which, however, was largely made up of heavy falls of snow on or about the 4th and 28th. Some exceedingly low temperatures occurred in Muskoka, Nipissing, and in districts north of Lake Superior, the minimum, which occurred on or about the 1st and 28th, being between -30.0° and -40.0° at many places and -50.0° at White River. From about the 9th to the 20th the sleighing was poor, previous to and after this period however it was fair.

In the Province of Quebec the weather was rather milder than usual, but it was stormy and unpleasant and the precipitation exceeded the average. The minimum temperatures were nowhere unusual -28.0° at Brome being the lowest reported. Maximum temperatures exceeded 40° at many places. On the 9th and 13th there were heavy falls of rain causing floods in some places and much reducing the quantity of snow upon the ground.

The weather in New Brunswick was much like that in Quebec, both the temperature and precipitation being above average and strong winds and gales being exceedingly frequent. Minimum temperatures between -20.0° and -29.0° occurred at many places and maximum temperatures exceeding 50° were reported from three stations. In the southern portion of the Province much rain fell causing floods, but in northern districts the precipitation was almost altogether snow. The sleighing during the greater part of the month was poor excepting in northern districts where it was fair.