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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 most distinctive feature in the weather conditions of Canada in October was the low temperature over the North-west Territories, also the high temperature generally in Manitoba and eastward to the Atlantic Coast. The rainfall was also abnormal in many districts, more especially in portions of British Columbia, Ontario, and Nova Scotia where it was well above average. In spite of the open weather in the eastern portion of the Dominion the trees were denuded of leaves at about the average date, nevertheless many birds delayed their migration southward and some plants put forth new leaves.

In British Columbia the weather conditions varied considerably with the locality, there was however, much cloud everywhere; and while the temperature was rather below average in northern and eastern districts it was average or somewhat above elsewhere. The rainfall, like the temperature, was generally above average over the Islands and western districts and below over the eastern portion of the Province. There was snow high up on the mountain sides on the 2nd and frosts occurred at night upon four or five occasions.

The weather in the North-west Territories, although fine and warm from the 1st to the 8th, also during the last few days of the month, was exceedingly cool and unsettled during the intervening period and the mean temperature for the month was below average. At most places the rainfall was average or somewhat above. Snow fell upon several occasions, but it had melted in many places by the end of the month. Frosts occurred frequently and at Mosquito Creek in Alberta -10° was recorded on the 14th. This low temperature exceeded in severity the minimum at Tagish, Yukon Territory by five degrees. Trees were bare early in the month.

In the Province of Manitoba there was much fine mild weather during the early and latter part of the month and the mean temperature and rainfall at most places were above average. Snow fell at many places, but it had all disappeared by the end of the month. The minimum temperature of the month occurred generally on the 19th and ranged from 1° at Barnardo to 18° at Stony Mountain and Winnipeg. Growth in plant life had practically ceased by the 15th.

The weather in Ontario was exceptionally fine and mild; and although the rainfall was comparatively light in the more eastern counties, also in districts east of Lake Superior and the Georgian Bay, it was generally above average elsewhere. Light snow fell in many portions of the Province but soon disappeared. Severe frosts were reported from nearly all districts and at most stations the minimum temperature was well below 32° . Thunderstorms occurred at many places but the damage caused thereby was comparatively light. By the 20th most trees were denuded of leaves but there was still some growth noticeable in plant life.

In the Province of Quebec the fine bright weather almost exceeded that recorded in Ontario there being comparatively little rain and the mean temperature being well above average at most places. On or after the 20th some cooler weather occurred and the minimum temperature of the month was recorded, $21^{\circ}.1$ being reported from Father Point. The number of fogs was somewhat greater than usual. The trees were bare by the 20th.

The fine mild and dry weather of the last two named provinces also extended to New Brunswick and severe storms expected so often at this time of the year were not reported. Night frosts occurred rather frequently and the lowest temperature recorded was 23.4 at St. Stephen. Light snow fell at many places and in the interior the ground was well covered on the 3rd.