

BRIGHT SUNSHINE.

Bright sunshine was above the average amount at all stations in Canada except at Battleford where it was just average. The two extreme portions of Canada gave the largest amounts above average, Victoria being 14 per cent and Fredericton 16 per cent.

TEMPERATURE.

The mean temperature of the month was above average in the Dominion everywhere east of a line drawn north and south through Winnipeg, and below average everywhere to the westward; the greatest excess was over the more central portions of Ontario, and the greatest departure below average (6°) was in Alberta and the more western parts of Saskatchewan and Assiniboia. The temperature was decidedly below average for the first ten days in all districts between the Great Lakes and the Maritime Provinces, then abnormally high temperature became prevalent, and during the last few days summer-like conditions obtained. In the North-west Territories the month closed cold and disagreeable, and snow was reported in many localities. The following are the highest and lowest temperatures recorded in each province during April, 1899 :—

British Columbia	$83^{\circ}0$ on 27th at Quesnelle.	$0^{\circ}0$ on 1st at Barkerville.
North-west Territories.	$74^{\circ}1$ on 26th at Medicine Hat.	$-24^{\circ}0$ on 1st at Qu'Appelle.
Manitoba	$81^{\circ}0$ on 27th at Emerson.	$-12^{\circ}8$ on 6th at Winnipeg.
Ontario	$88^{\circ}0$ on 30th at Paris and Cottam.	$-11^{\circ}0$ on 4th at White River.
Quebec	$82^{\circ}0$ on 30th at Montreal.	$4^{\circ}0$ on 5th at Brome.
New Brunswick	$81^{\circ}7$ on 30th at Fredericton.	$11^{\circ}0$ on 7th at Dalhousie.
Nova Scotia	$78^{\circ}4$ on 30th at Pictou.	$16^{\circ}6$ on 1st at Parrsboro.
Prince Edward Island	$70^{\circ}6$ on 28th at Charlottetown.	$18^{\circ}5$ on 7th at Hamilton.

PRECIPITATION.

The precipitation was less than average throughout the Dominion, except in Eastern Manitoba and north of Lake Superior, and perhaps on Vancouver Island. Rain was needed in South-western Ontario, and on the North-western prairie lands, but elsewhere the ground has been well watered by melting snow and thunder-showers.

WINDS.

In British Columbia the westerly winds were the most prevalent, and although for the most part they were fresh to strong, there were no gales recorded. One moderate and three strong gales occurred in the North-west, the most prevalent wind being also westerly. There were several strong winds in Manitoba, but only one moderate gale was recorded, and here also the greater number of winds were westerly. In Ontario winds were as a rule moderate, the force of a moderate gale being attained only once during the month and there were numerous variable winds and calms. The winds were about equally divided between the easterly and the westerly. In Quebec the westerly was the most prevalent wind and whilst they were often fresh, a moderate gale was only recorded twice. In the Maritime Provinces there was one fresh and one strong gale and the westerly were the most numerous winds. Warnings were sent out twice during the month to stations in the Maritime Provinces where navigation was open, on the 7th for a moderate gale, a moderate gale occurring on the 8th and 9th; and again on the 16th for a strong gale, a heavy gale prevailing on the 17th and 18th.