

heavy gales. The gales occurred on the 1st, 7th, 10th, 12th, 20th, 23rd, 26th, 29th and 31st. At those stations in the Maritime Provinces where winter navigation is pursued all of the gales were warned except the one on the 7th, but the warning for the storm on the 20th was issued late.

BRIGHT SUNSHINE.

Bright sunshine was below average in Quebec and the Maritime Provinces, and above average in all the large remaining portion of Canada. Toronto and Kuper Island recorded the greatest amount above average, and Fredericton the largest amount below average.

TEMPERATURE.

The temperature was above average throughout the Dominion, and to a considerable amount in nearly all localities. In Assiniboia the large excess of 17° was recorded, and the smallest amount, 2° above average, occurred along the shores of Lake Erie.

The Highest and Lowest Temperature in each Province during January, 1900, were :

British Columbia,	62°·0 on 27th at Agasiz.	—15°·0 on 28th at Griffin Lake.
North-west Territories,	62°·0 on 18th at Medicine Hat, Knee- hill and Crane Lake.	—40°·0 on 30th at Oonikup.
Manitoba,	47°·8 on 19th at Minnedosa.	—32°·9 on 31st at Brandon.
Ontario,	63°·0 on 10th at Port Hope.	—43°·0 on 1st at White River.
Quebec,	48°·0 on 23rd at St. Agathe.	—27°·1 on 28th at Chicoutimi.
New Brunswick,	52°·0 on 20th at Sussex.	—31°·0 on 1st at Sussex.
Nova Scotia,	55°·0 on 21st at Wolfville.	—12°·0 on 6th at Port Hastings.
Prince Edward Island.	47°·0 on 21st at Hamilton.	0°·3 on 19th at Summerside.

PRECIPITATION.

The precipitation was above average to a considerable amount in the Maritime Provinces, except in portions of Prince Edward Island, where the average was not reached. Elsewhere throughout the Dominion, except locally, the precipitation was below the average, the greatest discrepancy occurring in British Columbia. The local exceptions were Montreal, nearly two inches above the average, Parry Sound, half an inch above, Minnedosa, Battleford and Edmonton 0·2 inches above. The precipitation over the greater part of Canada was very largely rain, until the latter part of the month, when it was chiefly snow, especially in Ontario and Quebec. On the last day of the month snow covered the Province of Quebec to the depth of from 13 to 30 inches. In Northern New Brunswick there was from 10 to 20 inches, and in Northern Ontario and along the north shore of Lake Superior to the Lake of the Woods, from 10 to 24 inches. In Southern Ontario, and also in Manitoba and the Territories, there was only a light covering for the most part, and in the southern parts of the Maritime Provinces and the Territories, and also over the greater portion of British Columbia, there was none.

THICKNESS OF ICE.

NORTH-WEST TERRITORIES AND MANITOBA.—Battleford, 18 inches; Swift Current, 16 inches; Minnedosa, 24 inches; Elgin, 24 inches; Brandon, 24 inches; Oonikup, 24 inches.

ONTARIO.—Port Arthur, 17 inches; White River, 16 inches; Parry Sound, 14 inches; Southampton, 8 inches; Port Stanley, 5 inches; Kingston, 6 inches; Bissett, 12 inches; Midland, 11 inches; Port Hope, 12 inches; Georgetown, 15 inches; Peterboro', 24 inches; Orillia, 14 inches; Lansdowne, 9 inches; Paris, 14 inches; Stouffville, 14 inches; Kinmount, 10 inches; Hamilton, 10 inches; Port Dover, 5 inches; Arden, 17 inches; Ottawa, 12 inches; Durham, 18 inches; Barrie, 8 inches.

MARITIME PROVINCES.—Chatham, 12 inches; Charlottetown, 11 inches; Fredericton, 19 inches; Parrsboro', 10 inches; Truro, 13 inches.