

There was a general excess of bright sunshine in the Dominion, which was more than 25 per cent of the possible duration in Alberta and between 10 and 20 per cent in most districts of Ontario and the eastern provinces.

DECEMBER.

Temperature.—This was an extremely cold month in western Canada. At Dawson, in the Yukon, the mean temperature was 41° below normal, and in the Mackenzie, Peace, and Athabasca valleys was generally from 20° to 35° below normal. In the settled districts of Alberta, Saskatchewan and Manitoba the differences from average were from 15° to 20°. In Ontario, and western and northern Quebec, the deficiencies ranged between 10° and 12°, and in New Brunswick and western Nova Scotia between 5° and 9°. In eastern Nova Scotia and Prince Edward Island the deficiencies were less than 3°.

Precipitation.—The precipitation was very heavy in most parts of the Dominion, some districts in all provinces except the Yukon reporting double the normal quantity. In northern Saskatchewan and Alberta and in the southern districts of British Columbia there were considerable deficiencies, while in southern Manitoba the precipitation was practically normal.

Winds and Bright Sunshine.—In southern British Columbia there were gales, locally, on one to six days and strong winds on four or five, the prevailing direction being for the most part easterly. In the Prairie Provinces the wind-velocity exceeded 30 miles per hour in only a few localities, but there were strong winds on three to twelve days, the general direction being northwest. In Ontario there were strong winds or gales on seventeen days, the southwesterly gale of the 8th and 9th being the heaviest. In the Maritime Provinces there were strong winds or gales on twenty to twenty-five days, the easterly gale of the 14th being the heaviest in most districts.

In the Athabasca lake region of Alberta, in western Manitoba, Ontario and Quebec, the registered duration of bright sunshine was above the normal, the differences from normal being highest in eastern Ontario. Elsewhere in Canada there was a small deficiency.

1.—Temperature of the Year 1917 at Representative Stations, compared with Normal Annual Averages for the period 1888 to 1907.

Stations.	DEGREES OF TEMPERATURE F.						HOURS OF SUNSHINE.	
	Mean winter.	Mean summer.	Lowest in year.	Highest in year.	Mean annual.	Normal (1888-1907).	1917.	Normal annual.
British Columbia—								
Victoria.....	40.8	58.0	13.0	82.0	48.4	50.3	2,094	1,822
Vancouver.....	39.0	61.1	10.3	82.6	48.8	49.1	1,855	1,815
Kamloops.....	26.8	67.2	-26.0	98.5	45.6	47.7	2,060	1,868
Alberta—								
Calgary.....	19.8	60.0	-36.0	91.0	38.0	37.4	-	-
Edmonton.....	12.6	59.2	-50.0	86.0	34.6	36.7	2,199	2,081
Saskatchewan—								
Battleford.....	7.1	63.0	-45.0	94.0	33.6	34.4	-	2,101
Prince Albert.....	5.5	61.7	-50.0	92.0	32.2	32.1	-	-
Qu'Appelle.....	8.2	61.4	-47.0	101.5	33.0	34.5	-	-