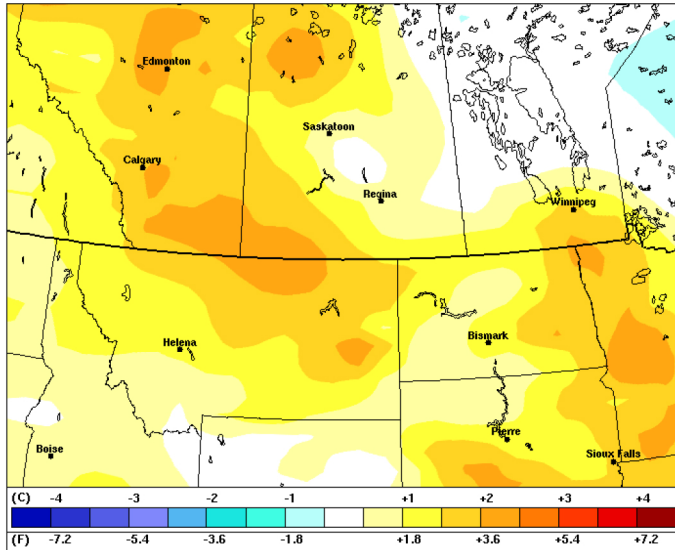


Regional Climate Overview

March – May 2025

Departure from Normal Temperature (°C/°F)

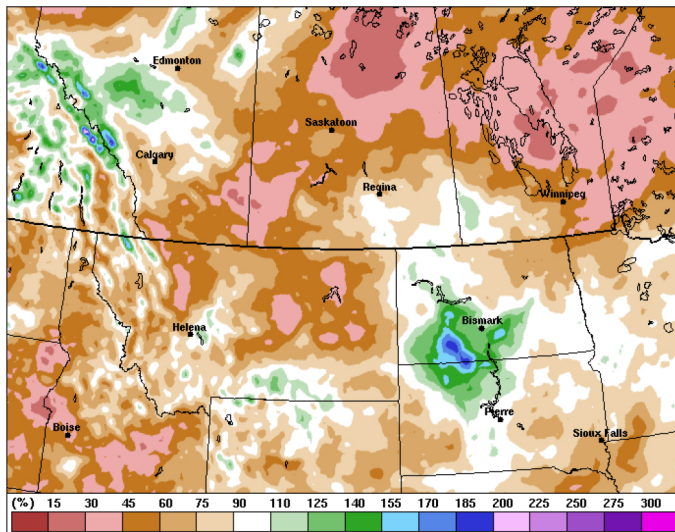


Source: ECCC Climate Archive and USHCN v 2.5
Reference period: 1991-2020

Temperature

Spring brought above normal temperatures across the Prairies and High Plains, especially in the western Canadian Prairies, and portions of Montana, the Dakotas and Minnesota. Overall, March started with early season warmth, particularly across the High Plains and southwestern Prairies, followed by a shift towards near normal temperatures in April. May remained warmer across the Canadian Prairies, while much of the High Plains remained near normal.

Percent of Normal Precipitation (%)

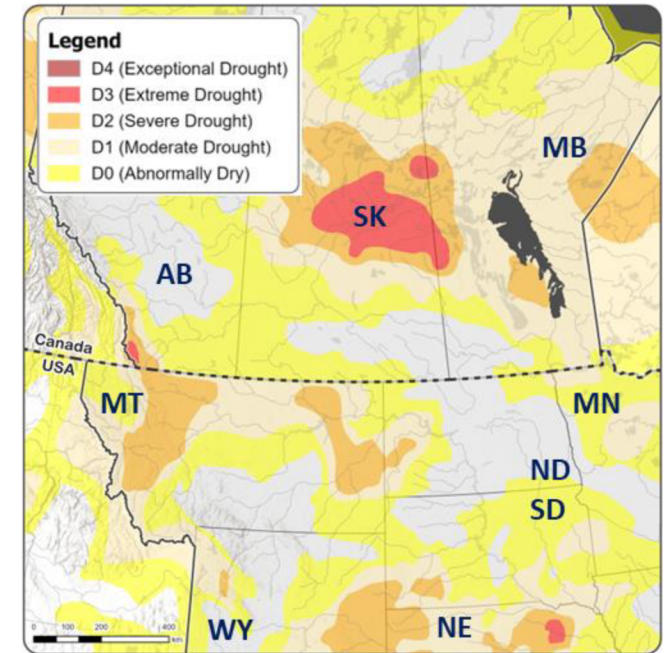


Source: Canadian Precipitation Analysis (CaPA)
Reference period: 1991-2020

Precipitation

The Prairies and High Plains saw drier than normal conditions overall, with the Canadian Prairies, particularly in Manitoba, Saskatchewan, southern Alberta, including much of Montana experiencing precipitation well below normal for the season. In contrast, the western Dakotas saw much wetter conditions, driven by April and May precipitation that provided much needed relief in this region. Much of the Alberta foothills also saw wetter than normal conditions, largely due to multiple snowstorms in March.

Drought Monitor



Source: North American Drought Monitor

Drought Conditions as of May 31, 2025

At the beginning of March, drought conditions were most severe across southern parts of the region, with Severe (D2) to Extreme Drought (D3) reported in Wyoming and southern South Dakota. As the season progressed, less than 45% of normal spring precipitation led to drought conditions shifting further northward and worsening across northern and eastern Montana and central parts of the Canadian Prairies. By the end of May, Severe (D2) to Extreme Drought (D3) emerged in central Saskatchewan and west-central Manitoba with concerns of rapid drying and growing wildfires. Improvements were seen at the end of May in North Dakota and South Dakota, due to timely spring rains.