

### Climate Impacts

- Melting Permafrost
- Temperature Increase
- Wildfires
- Storm Surges
- Droughts
- Sea-level Rise
- Heat Waves
- Ocean Acidification
- Flooding
- Vector-borne Disease Spread

### The Northern Territories

#### Northwest Territories (NT), Nunavut (NU), Yukon (YT)

Temperatures in Northern Canada are rising twice as fast as the global average because the snow and ice that would otherwise reflect heat away from the Earth is melting. This is also causing habitat loss for animals<sup>7</sup>.

### The Atlantic Provinces

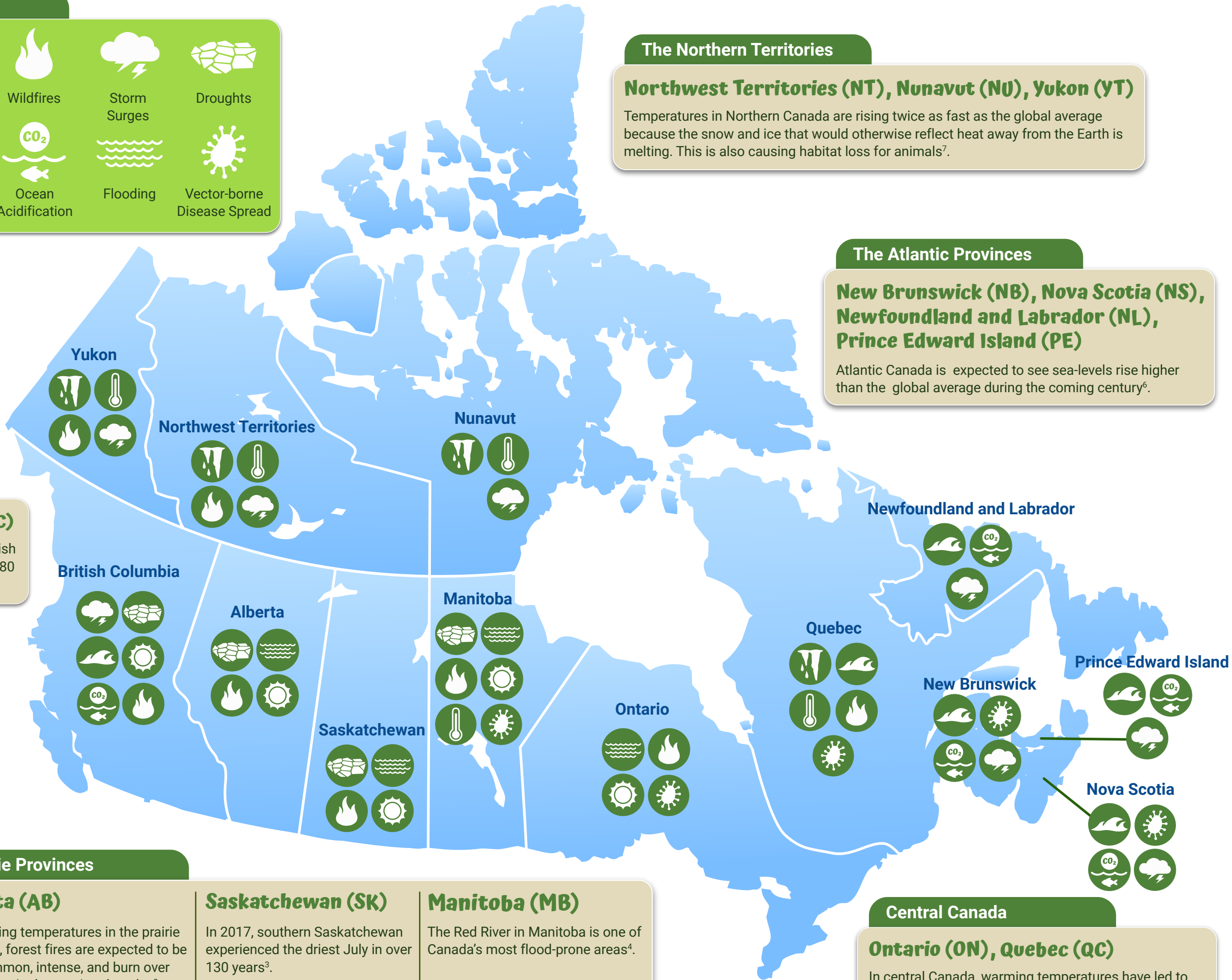
#### New Brunswick (NB), Nova Scotia (NS), Newfoundland and Labrador (NL), Prince Edward Island (PE)

Atlantic Canada is expected to see sea-levels rise higher than the global average during the coming century<sup>6</sup>.

### The West Coast

#### British Columbia (BC)

At current rates, glaciers in British Columbia will disappear in 65–80 years<sup>1</sup>.



### Prairie Provinces

#### Alberta (AB)

Due to rising temperatures in the prairie provinces, forest fires are expected to be more common, intense, and burn over larger areas in the coming decades<sup>2</sup>.

#### Saskatchewan (SK)

In 2017, southern Saskatchewan experienced the driest July in over 130 years<sup>3</sup>.

#### Manitoba (MB)

The Red River in Manitoba is one of Canada's most flood-prone areas<sup>4</sup>.

### Central Canada

#### Ontario (ON), Quebec (QC)

In central Canada, warming temperatures have led to many more blacklegged ticks in the region, which has caused Lyme disease to become a lot more common<sup>5</sup>.

### Sources:

<sup>1</sup> [Bias-corrected estimates of glacier thickness in the Columbia River Basin](#), Canada. Cambridge University Press: 2020

<sup>2</sup> [Climate Change Impacts on the Prairies](#), Prairie Regional Adaptation Collaborative, 2021

<sup>3</sup> [Agriculture and Climate Change](#), Climate Atlas of Canada.

<sup>4</sup> [Floods in Canada](#), The Canadian Encyclopedia. June 23, 2021.

<sup>5</sup> [Climate Change and Health](#), Climate Atlas of Canada.

<sup>6</sup> [Canada's Changing Climate](#), Environment and Climate Change Canada. 2019.

<sup>7</sup> [Canada's Changing Climate Report \(Section 4.2\)](#), Environment and Climate Change Canada. 2019