



[The Climate Atlas of Canada](#)

The Climate Atlas of Canada is an interactive tool for individuals to learn about climate change in Canada by combining climate science, facts and figures, mapping, and storytelling with videos and webinars available to share. There are articles with various discussions and information from urban community to agriculture. Different aspects of climate change can be explored using maps, graphs, and climate data for numerous locations and areas across Canada.

Key Terms: *Climate Science, Climate Model, Agriculture*

Author: Prairie Climate Centre

Year: April 2018

[Alberta Climate Record](#)

The website offers an interactive way to review decades of climate data from across Alberta including mean temperature, cold weather, hot weather, growing temperature, and precipitation.

Key Terms: *Climate Science, Climate Model, Climate Record*

Author: Christine Clark and Stefan W. Kienzle

Year: Updated in 2019

[Prairie Climate Centre](#)

The Prairie Climate Centre provides an evidence-based perspective to communicating the science, impacts, and risk of climate change. The website offers maps, documentary videos, research reports, training, writing, and outreach.

Key Terms: *Climate Science, Agriculture, Climate Model*

Author: Prairie Climate Centre

Year: N/A

[Prairie Provinces - Chapter 4 in Canada in a Changing Climate: Regional Perspectives Report](#)

The Regional Perspectives Report highlights how climate change is impacting our communities, environment and economy, and how we are adapting across the many regions of Canada. The Prairie Provinces chapter of this report discusses climate change impacts and approaches to adaptation across the three Prairie Provinces.

Key Terms: *Ecosystems, Climate Extremes, Watershed Management, Agriculture, Adaptation*

Author: Natural Resources Canada

Year: December 2020



[Alberta's Climate Future : Final Report 2019](#)

The report summarizes observed and projected climatic changes in Alberta, reviews the potential causes of climate change, methodology for detection, and changes in the frequency or intensity of extreme events. The report simulates a set of global climate models for various emission scenarios, which are downscaled to a grid covering the entire province.

Key Terms: *Climate Science, Climate Model, Climate Projections, Downscaling, Climate Extremes*

Author: Alberta Environment and Parks

Year: September 2019

