

How to Navigate Climate Atlas of Canada:

Climate Atlas of Canada Guidebook:

https://climateatlas.ca/sites/default/files/ClimateAtlas-Guidebook_V1_Nov2018.pdf

The guidebook listed above is an excellent tool to help both teachers and students navigate through the climate atlas website. Below is a quick summary of the key features needed to complete the inquiry:

- When you select the “Map” there is an opportunity to focus in and select locations from across the country, with select locations (A play button is displayed) offering additional information and corresponding videos.
- The 5 main variables, Hot Weather, Cold Weather, Temperature, and Precipitation, and Agriculture (Growing Days) are listed at the bottom of the map with the corresponding symbols. When you click on each variable, you are able to see more specific information and statistics that allow for a more detailed analysis.
- There are three time periods: recent past, 2021-2050 and 2051-2080 which you can slide back and forth from to see the changes. At the same time, there are two options for “climate change” being “more or less” climate change or which if you click on the information button, specifies this means high or low carbon emission scenarios (all human-induced).
- When you scroll down the Map Sidebar, there are graphs, and additional supporting documents such as climate reports and projections for the specific area chosen.
- All information is presented as a “mean” or “average” based on the time range selected

Monitoring Local Trends of Climate Change:

Location Selected:

Why is this location significant for you?

Climate Variable (Can include specifics for each)	More Climate Change	Less Climate Change	Why should we care? (Significance of Results)
Hot Weather			
Cold Weather			
Temperature			
Precipitation			
Agriculture			

