

Comparing Tools for Studying Climate

SKILLS MENU

- ▶ Questioning
- ▶ Hypothesizing
- ▶ Predicting
- ▶ Planning
- ▶ Controlling Variables
- ▶ Performing
- ▶ Observing
- ▶ Analyzing
- ▶ Evaluating
- ▶ Communicating

Tools for studying climate, such as climate maps and climatographs, present different information. In this activity, you will compare these two ways of presenting climate data and the type of data presented.



Purpose

To compare climate data presented by different tools

Procedure

1. Study the climatograph in **Figure 1**. Be sure to look at the key. Record a description of the climate of Windsor based only on the information in this figure.

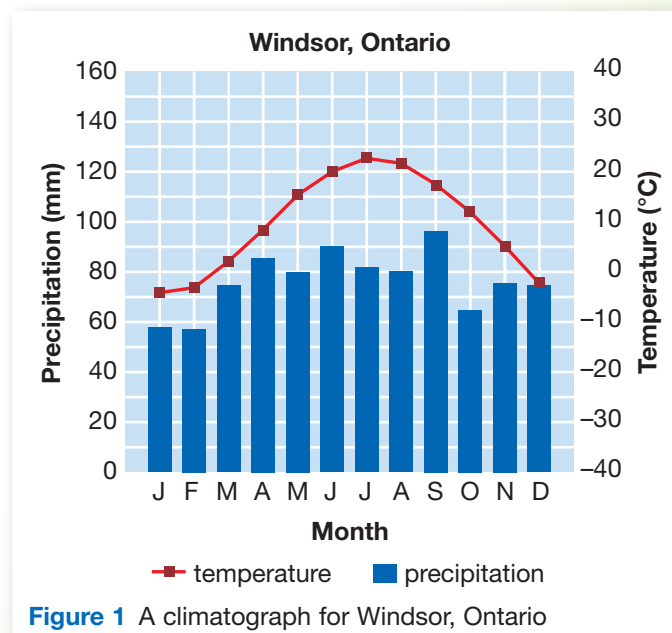


Figure 1 A climatograph for Windsor, Ontario

2. Study the climate map in **Figure 2**. Record a description of the climate of Windsor based only on the information in this map. What other climate information about Ontario communities are included in **Figure 2**?

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Learning Tip

Remember, there are two different scales to use for temperature and precipitation.

Analyze and Evaluate

- (a) Which tool for studying climate gives more information about a single location? Justify your answer. **T/I C**
- (b) Which tool provides climate information for many locations at once? **T/I**
- (c) Which tool provides climate data for different times of the year? **T/I**

Apply and Extend

- (d) Why does using both a climatograph and a climate map give a more complete view of the climate of a region? **T/I**
- (e) Which climate tool would be most useful to people deciding where to live? **A**
- (f) Which climate tool would be most useful to people deciding on the best months to take a snowboarding vacation? **A**
- (g) How might scientists use these tools to make informed decisions about seasons? **A**

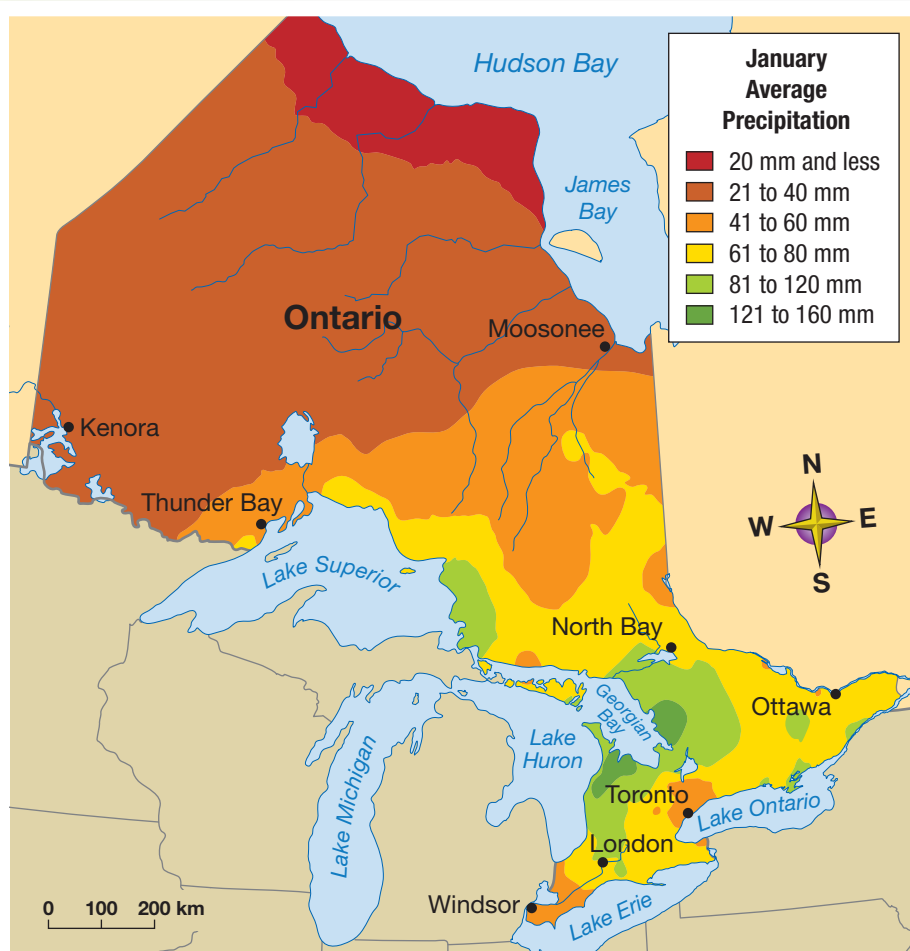


Figure 2 This climate map for Ontario shows the average precipitation for the month of January.