



Great Lakes Climate and Weather, Lesson 2: Fruit Belt Investigating Great Lakes Fruit Growing Regions

Data sheet

- Great Lakes region: (Circle the lake you are investigating)

Lake Superior Lake Ontario

Lake Huron Lake Erie

Hypotheses:

- The Great Lakes delay freezing in the fall, keeping temperatures warmer longer near the lakes than further inland.
- The length of the growing season is longer in coastal regions than in inland regions.

- Data table: Using the spreadsheets, fill in first and last frost dates and calculate the length of the growing season for the lake you are investigating. Define 'frost' as any day with an hourly temperature of 0 degrees Celsius.

NOTE: You can use either the average daily or the hourly temperatures. If you have time, try both and compare your answers. Is there a difference? Why?

Lake	City	Station code	Last frost (date)	First frost (date)	Growing season (# of days)
Superior	Sault Sainte Marie, MI	ANJ			
	Chapleau, ONT	YLD			
Huron	Goderich, ONT	WGD			
	Muskoka, ONT	YQA			
Erie	Lorain, OH	LPR			
	London, ONT	YXU			
Ontario	Alexandria Bay, NY	ABAN6			
	Syracuse, NY	SYR			



Hypothesis A is (circle one): Supported Rejected Can't determine

3. Provide evidence for your conclusion.

Hypothesis B is (circle one): Supported Rejected Can't determine

4. Provide evidence for your conclusion.