



COMPARE AIR TEMPERATURES IN DIFFERENT CITIES

Objective: Students will identify and compare historic air temperatures for a variety of cities\town within their state while considering what factors would impact temperature variations.

Materials needed:

- Online access to gather temperature data such as US Climate Data:
<https://www.usclimatedata.com/climate/maryland/united-states/1872>
- Calculator

ACTIVITY

Lookup average temperatures for cities by month in Maryland (or another State) to complete the following table. A good website to try is US Climate Data:

<https://www.usclimatedata.com/climate/united-states/us>

Enter temperature for each month. Be sure to record each City name and temps in °C or °F

	City 1 (your city\town):	City 2:	City 3:	City 4:
Enter Month:				
<i>Winter months</i>				
Calculate Average:				
<i>Summer months</i>				
Calculate Average:				

Interpret your results:

Consider the land use between the cities you researched that could impact the difference in temperature. What are some differences and/or similarities?

What are some other factors besides land use that could impact air temperature between cities?