

World Climate Activity (from GVL edited to remove “Georgia”)

Go to the [World Climate Website](#) and enter your city and state into the search box. Scroll through the list of city selections and find your city – Double check! There might be more than one state that has your city name!!

For your city copy the data for the following climate factors and graph using a spreadsheet and graphing application.

- Average yearly rainfall
- Average maximum temperature
- Average minimum temperature

Be sure to label your graph correctly! The x-axis should contain the months of the year and the y-axis should indicate the units used to measure the rainfall and temperature.

After you have completed your graphs, answer the following questions.

1. How does the amount of rainfall change throughout the year? During which season can you expect the most rain? Why?
2. Does your city have a specific dry season? When?
3. During which part of the year is your city the warmest? The coldest?
4. What is the overall temperature range for your city?
5. Do the rainfall patterns correlate to the temperature patterns for your city? Why? If so, in what ways?

If your city is near the coast, examine the rainfall and temperature patterns of a city that is inland. If your city is inland, examine the rainfall and temperature patterns of a city that is coastal.

1. How does the rainfall of your city compare to the other city?
2. Are the average temperatures about the same between the two cities? Why or why not?
3. What do you think accounts for the weather and climate difference between the two cities?