

Name: _____

Date: _____

Internet Research Activity 8

Chapter 1: Georgia's Land and Location

Location and Climate of Georgia

In this lesson, you will explore websites to find the location of your state and community using **absolute** and **relative location**. You will also examine information related to Georgia's climate.

Part I, Instructions: Click the links below and use the information from the websites to complete each item.

Use these links <https://bit.ly/geotool1> and <http://bit.ly/4gY7vne> to find some **relative locations**.

1. Use the maps to identify the states that border Georgia and list them. Use the + and - buttons to zoom in and out, as needed.

2. Write a sentence to explain the location of Georgia **relative** to one of its border states. For example, *Alabama is on the western border of Georgia*.

3. Find your county on the map. Write a sentence that expresses its location **relative** to another county. For example, *Lee County is south of Sumter County*.

4. List the Georgia counties or states that border your county.

Part II, Instructions: Now, let's find some **absolute locations**. Click the **Counties** link at the top of the webpage, then select your county. Click the **Features** tab, and use the links for Cultural Features and Historical Features.

- Step 1: Record the name of your school and two additional cultural or historical features of your choice in your county in the first column.
- Step 2: Open Google Maps here: <https://www.google.com/maps>.
- Step 3: Enter one of the Cultural or Historical Features from your chart and search for the location. You may need to include the town's name in your search.
- Step 4: Right-click on the locator pin or the location name on your map. You should see the latitude and longitude in decimal format (see Example).
- Step 5: Record the latitude and longitude in decimal format for each feature on the table.
- Step 6: Visit this website: <https://bit.ly/DMSconvert>. Use this tool to input the decimal coordinates and convert them to degrees, minutes, and seconds, including the indicator of North, South, East, or West (see Example).

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Sample Absolute Locations

Cultural or Historical Feature	Latitude (Decimal; Degrees, Minutes, Seconds)	Longitude (Decimal; Degrees, Minutes, Seconds)
Example: State Capitol	33.749	-84.388
	33°44'57" N	84°23'18" W

Part III, Instructions: Click the link below to find information about Georgia's climate. Click on Georgia on the map. You will see several weather stations. Choose the station closest to your location. Then, look at the data from a station farther from your home. Use the information to complete the table.

<https://bit.ly/clickmap1>

	Weather Station Nearest My House	Another Georgia Weather Station
<i>Station Location</i>		
<i>Maximum Temperature (°F)</i>		
<i>Minimum Temperature (°F)</i>		
<i>Average (mean) Snowfall (in.)</i>		
<i>Average (mean) Rainfall (in.)</i>		
<i>Usual Coldest Month</i>		
<i>Usual Warmest Month</i>		