

## **Normal Climate Patterns**

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### **PART A: Planning for a Visitor**

**1.** Do the two three-year graphs provide enough information for you to discover the "normal" temperature and precipitation levels for your region each May? Describe your reasoning.

**2.** What other information could you use to characterize the climate?

**3.** List some of the things you learned in your exploration.

**4.** What can you learn from the blue 1-year moving average and the red total average lines?

EarthLabs: Drought – Lab 3  
<http://serc.carleton.edu/eslabs/drought/3.html>

5. Following your exploration, write your pen pal a brief description of the average conditions he can expect in May.

### **PART B: Graphs that Describe Climate**

6. Choose a city that is not your own on the Climographs page. Interpret the climograph to write a brief description of that location's climate in winter, spring, summer, and fall.

7. Describe the normal weather for May 1 at one of the locations you chose.

EarthLabs: Drought – Lab 3

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**8.** Imagine that you are planning a major outdoor event such as a concert or a wedding. Find a date and a place that would give you the best chance of experiencing comfortable temperatures with a low likelihood of rain. Describe your reasoning for the choice you make.

### **PART C: Maps that Describe Climate**

**9.** Use the maps you generated to describe the normal weather for May in your location.

**10.** Discuss the advantages and disadvantages of graphical and map-based representations for climate. Which do you prefer? What information can you get from one that is not available from the other?