Normal Climate Patterns

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?
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.
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?