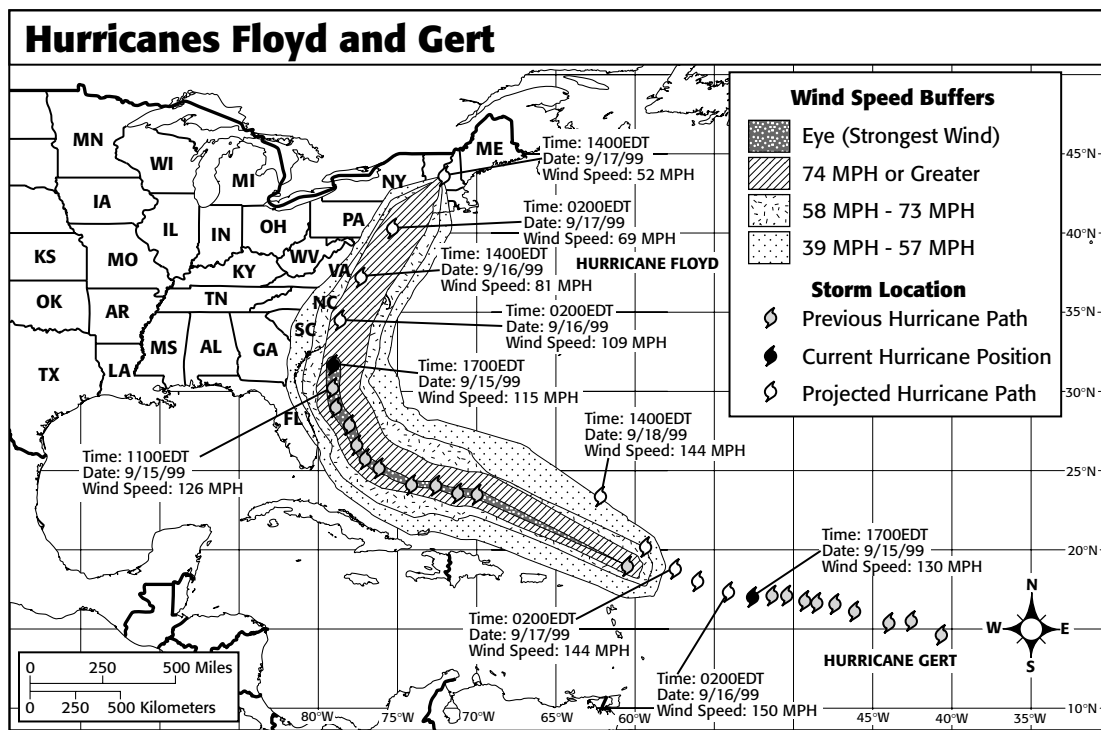


CHAPTER 3

Map Activity

Hurricanes

The map below shows the path and wind speeds of two hurricanes that struck the Caribbean region and eastern United States in September 1999. Note that the position of a hurricane is measured by the location of its eye, which lies at the center of the storm. Times are given according to the 24-hour clock, at Eastern Daylight Time (EDT). Examine the map, then answer the questions on the following page.



Chapter 3, Map Activity, continued

1. What is the time and date of this map, based on the current hurricane position? What were the approximate map coordinates of the two hurricanes at that time? What were their wind speeds in the eye?

2. Where was Floyd heading, according to the map? Where was it expected to be by 1400 EDT on September 16, 1999?

3. Where was Gert heading, according to the map? Where was it expected to be by 1400 EDT on September 18, 1999?

4. **Critical Thinking: Interaction** Hurricanes are a common occurrence in this region. How do they affect the people who live there? How might people live differently as a result?

ACTIVITY Find out more about hurricanes Floyd and Gert. How powerful were they? What damage did they cause? Where did they have the greatest impact? Write a news story that presents key details about these two hurricanes.