

GRADES 6-8

REPRODUCIBLE MASTER

ACTIVITY 2 HURRICANE HISTORY

Step into the role of a hurricane researcher by learning about the specific hurricane your teacher has assigned to you and your teammate. Use this link to a list of notable storms at the National Hurricane Center to learn more about your hurricane: www.nhc.noaa.gov/outreach/history/. Complete the information below.

Hurricane name: _____

Dates: _____

Storm surge height at landfall: _____

Damage to hardest hit areas: _____

Now find your hurricane at <https://coast.noaa.gov/hurricanes/> to review the map that shows its path and the chart that shows its wind speed and atmospheric pressure from day to day. Complete this information:

Longitude and latitude at 5 points on the path: _____

Wind speed at those 5 points: _____

Click on Storm Report for additional information about your hurricane. Answer these questions:

1. Estimate how far the storm traveled from south to north in miles. Identify the southernmost latitude and the northernmost latitude, then calculate the difference between the two to find the change in latitude. Use the scale on the tracking chart your teacher will give you to estimate the miles the storm traveled south to north (scale is approximate): _____
2. Find the change in longitude in degrees from the first location where the storm is at least a tropical depression to the last location where it is at least a tropical depression. These locations are indicated in blue on the map: _____

Now plot the course of your hurricane on the tracking chart. Be prepared to share your information with your classmates to determine "Worst of" characteristics for all the hurricanes researched by your class.

