

The Structure of a Hurricane

Go to the website below:

<http://www.srh.noaa.gov/jetstream/tropics/tc.html>

Directions:

Go to each of the sections listed below on the NOAA website. Answer the questions and follow the directions for each section.

Tropical Cyclone Introduction

1. What type of system is a hurricane?
2. Why do hurricanes form near the equator?
3. What does a hurricane need in order to form other than warm ocean water?

Watch the video of Hurricane Wilma.

1. What do you notice about Hurricane Wilma as it travels up the east coast of the United States? Why do you think that happens?
2. How do tropical cyclones help Earth?

Tropical Cyclone Structure

Draw a hurricane in your notebook. Label the eye, eyewall, and rainbands on your drawing. Write 3 facts about each of those parts of the hurricane.

Tropical Cyclone Classification

What is the difference in a cyclone, hurricane, and typhoon?