

Global Precipitation Measurement Mission

Name _____ Date _____ Period _____

Hurricanes Assessment

1. Which of the following dangers is not caused by excessive rainfall during a hurricane?
 - a. drought
 - b. flooding
 - c. destruction of property
 - d. rivers overflowing their banks
2. Which of the following is a factor that can cause a hurricane to become more intense?
 - a. high altitude winds that shear the top of the storm
 - b. cooler sea surface temperatures
 - c. warmer sea surface temperatures
 - d. the Coriolis Effect
3. Which of the following people will benefit from gathering improved rainfall data?
 - a. research scientists around the world
 - b. those who decide on the best actions to take before a hurricane strikes
 - c. citizens of countries where tropical storms strike
 - d. all of the above
4. Data about _____ are one of the factors scientists use to predict if a hurricane will become more or less intense.
 - a. tall, convective areas in a storm called hot towers
 - b. lower rainfall amounts in the upper latitudes
 - c. algae growth near Earth's equator
 - d. high temperatures over land where a hurricane makes landfall
5. Gathering data about how much rain is falling in a hurricane can help citizens prepare for _____.
 - a. flooding
 - b. drought
 - c. wind damage
 - d. high tides
6. Which of the following tools is the most helpful for gathering widespread, global data about hurricanes?
 - a. hurricane hunter airplanes
 - b. satellites
 - c. ocean buoys carrying scientific instruments
 - d. science research ships at sea

developed by the



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Name _____ Date _____ Pd. _____

Entrance/Exit Card – Hurricanes

Explain how using a satellite to measure the amount of precipitation in a hurricane will be helpful to people when a storm strike is imminent.

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