Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Hurricane**

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| --- | --- | --- | --- | --- |
| **Station 1: List the 4 stages of a hurricane. Include wind speed with each stage.**  **1.**  **2.**  **3.**  **4.**  **List the parts of a hurricane.**  **1.**  **2.**  **3.** | | **Station 2:**  **Write the process of how a hurricane forms.**  **1.**  **2.**  **3.**  **4.**  **5.**  **6.** | | |
| **Station 3:**  **List the 5 effects of a hurricane.**  **1.**  **2.**  **3.**  **4.**  **5.**  **What causes a storm surge?** | **Station 4:**  **Who invented the Saffir-Simpson hurricane scale? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **Why was the Saffir-Simpson hurricane scale created?\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**  **How many categories are listed on the Saffir-Simpson Hurricane scale? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |  | | |
| **Station 4:**  **Look at the 5 photos showing hurricane damage. Using the Saffir-Simpson Hurricane Scale rank each photo.**  **Photo 1 \_\_\_\_\_\_\_\_ Photo 4 \_\_\_\_\_\_**  **Photo 2 \_\_\_\_\_\_\_\_ Photo 5 \_\_\_\_\_\_**  **Photo 3 \_\_\_\_\_\_\_\_** | | |  |

**Station 5:**

**Find the data table and graph which shows hurricane frequency per month during the hurricane season (June 1- November 30). Analyze the data to answer the following questions.**

**1. What is the busiest month(s) for Atlantic hurricanes? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2. How many hurricanes usually form each hurricane season? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**3. When would you NOT rent a Florida beach condo? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**4. What is the busiest week(s) for Category 4-5 hurricanes? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Station 6:**

**Find the graphs which show the temperature of hurricane waters in 2009.**

**1. Based on the data, which of the three months do you think produces more hurricanes? Explain. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**2. Are there some areas of the Atlantic Ocean where you would expect more hurricanes to form? Explain.**

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| **Station 7:**  **Write a paragraph describing how the information in this passage will impact your everyday life. (Paragraph must be 6-8 sentences.)** | **Station 8:**  **What is the main idea of the passage you read?** |