

Rivers and Flooding Prelab Questions

Directions: Please answer in complete sentences and type your answers.

1. What does the **discharge** of a river refer to?
2. What does the **gage height** of a river refer to?
3. Define **recurrence interval**.
4. In 2010, what is the chance of a 100-year flood occurring on River X?
5. Suppose that in 2010, River X experiences a 100-year flood. What is the chance that River X will experience a 100-year flood in 2011?
6. Do you think the size (discharge) of a 100-year flood is the same for the Hudson River and the Amazon River? Why or why not?
7. What is a **hydrograph**?