

Preparing for Floods

Grades 1-3
Reproducible Master

Hi! I'm Greta. Floods can happen any time of year, anywhere in the U.S. Want to learn more? Download **Monster Guard**. It's a free app from the American Red Cross that teaches kids how to be prepared for emergencies. Choose "Flood" on the main menu. Then join me on a training mission to learn how to head for higher ground when a flood is on the way. **Note:** You must have completed the **Monster Guard** Initiation section before you can access the Flood training mission.

My Flood Safety Score: _____



Part 1

Do you remember your flood safety training? Show what you learned by unscrambling these sentences. Write the words in the right order on the blank lines.

Floods happen flash quickly.

Flood ground higher happens a when to get.



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Part 2

Floods happen along streams and rivers when heavy rain, melting snow and ice, or a dam break causes the water to overflow onto land that is normally dry.

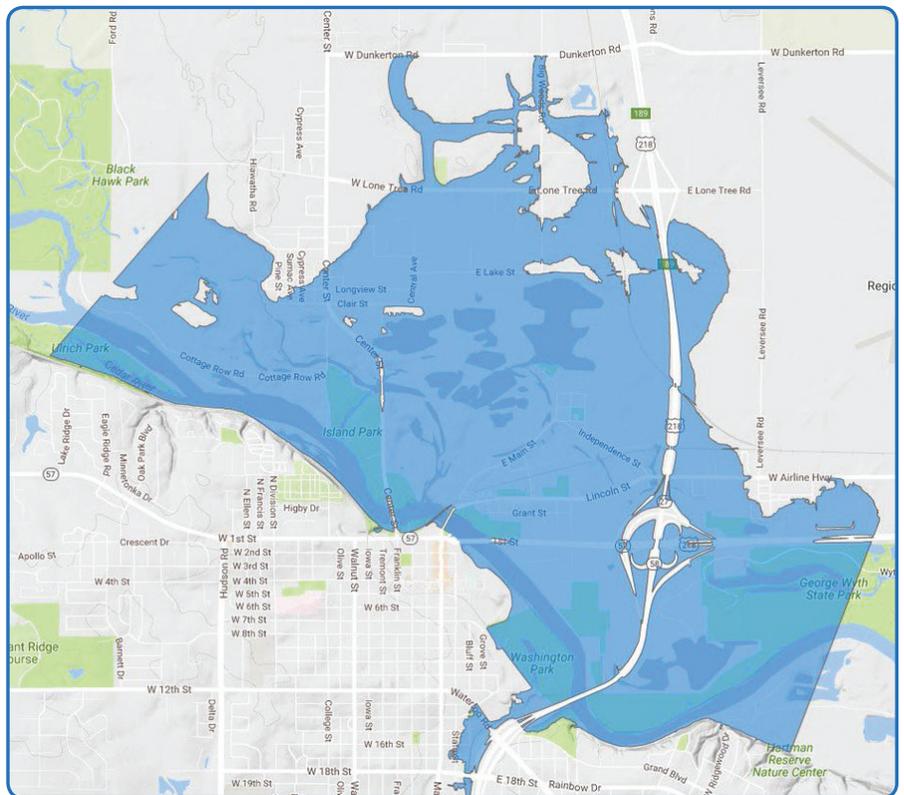
There are two types of floods—*flash floods* and *normal floods*. *Flash floods* are caused by heavy rain. They happen very quickly and end quickly as well. *Normal floods* are caused by longer periods of rain. They can also happen if a lake overflows, or a dam fails. Normal floods can last days, weeks, or even longer.

In some places, flooding happens almost every year. Look at this map of flooding in an imaginary town called Riverton. Use the map and the information about Riverton to answer the questions.



Riverton Information

- Average yearly rainfall: 37 inches
- Flood level of river: 88 feet
- Average flooding: Once or twice per year to between 88-90 feet.
- Any flood of over 90 feet will cover the area in blue, which includes 400 homes.
- Flooding above 90 feet happens about once every 20 years.



1. How many inches of rainfall does Riverton get each year, on average? _____ inches
2. How high will the river be when it begins to flood? _____ feet
3. Are homes near Black Hawk Park safe when the river rises over 90 feet? ___ Yes ___ No
4. Are homes near George Wyth State Park safe when the river rises over 90 feet? ___ Yes ___ No
5. What are some things people living in Riverton should do to be prepared for flooding?
