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

**Flood Report Project**

**PART I:** Select two of the majors floods on the list found at the following website

<http://en.wikipedia.org/wiki/List_of_deadliest_floods> OR <http://tinyurl.com/jainfloods>

Flood 1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Flood 2:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**PART II**: You work for the government of Georgia. It has been a major concern that the Chattahoochee may overflow. You are looking into past floods to see what caused them, what steps were taken for people to protect the citizens, and what could have been done better. **Make sure to write down the websites you used.** If there is not enough information available on your flood, then select a new one.

|  |  |  |
| --- | --- | --- |
|  | Flood 1 | Flood 2 |
| Where did this event occur? |  |  |
| What was the name of the stream or river and describe some characteristics of it (length, size, discharge)? |  |  |
| Was the city prepared? If yes, then how? |  |  |
| Did the city use artificial levees or flood-control dams? |  |  |
| How much damage occurred (property and physical)? |  |  |
| In your opinion, what could have been done better? |  |  |

List websites used to research the above info:

**PART III**: Research the Chattahoochee River

*Answer the following questions relating to the Chattahoochee River:*

1. How long is it?
2. Other characteristics of the river (gradient, roughness, width)?
3. Does it have any natural or artificial levees or flood-control dams?

List websites used to research the above info:

**PART IV:** After you have gathered all information, write a letter to the EPA suggesting how we can prepare the Chattahoochee River to prevent future floods. Also make suggestions on measures we should take in case a flood does occur. In your letter, you must include examples from the two floods you researched. You should give examples of what good measures they had in place and what they did wrong in the two past floods. **This part should be typed and then either email me the document at jain@fultonschools.org or print it and turn it in.**