Name _____

Go to the website: http://waterdata.usgs.gov/nwis/rt

Click on Pennsylvania, then find Neshaminy Creek at Chalfont in the middle of Bucks Co.

1. At what point did the Neshaminy Creek reach its highest level in the past week? _____

2. What height did the Neshaminy reach at its highest? _____

3. What does the height of the Neshaminy need to be to be considered flood stage? _____

4. What is the highest cubic discharge this week? _____

5. What is the current flow in cubic discharge? _____

Click on data: Peak Stream flow

6. When was the peak stream flow since 1990, (approximately what year)?

7. What was the peak stream flow in cubic feet per second? _____

Now look up: Monthly stream flow data (Summary of add. Data/peak streamflow, Click on this table)

8. Find the exact month and year when this occurred, when was it? What event do you think caused this? _____, _____

9. Type in this date and month in a search engine including Neshaminy Creek and list the event that caused such a high stream flow: _____

10. How many times greater was this event than the highest rainfall of this current week (show work)?