1. As the recurrence interval increase, the discharge (increases / decreases) (circle one). This means that larger floods occur (more / less) frequently than smaller floods (circle one).

2. _______________________________________________________________________

3. _______________________________________________________________________

4. _______________________________________________________________________

5. _______________________________________________________________________

6. _______________________________________________________________________
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7. _______________________________________________________________________

8. Shade in map at the end of this answer sheet.

9. _______________________________________________________________________

10. The parking lots will (increase / decrease) the amount of precipitation that is able to soak into the ground (circle one).

11. The lag time between the peak rainfall and the peak discharge will (increase / decrease) because of the parking lots (circle one).

12. The peak discharge will (increase / decrease) because of the parking lots (circle one). In other words, the presence of the parking lots will make the flood (larger / smaller) than it would be otherwise (circle one).
13.

14. The chance of a flood with a discharge of 10,000 cubic feet per second occurring in 2012 on River X is (less than 2% / equal to 2% / greater than 2%) (circle one).

15. __________________________________________________________________________
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