

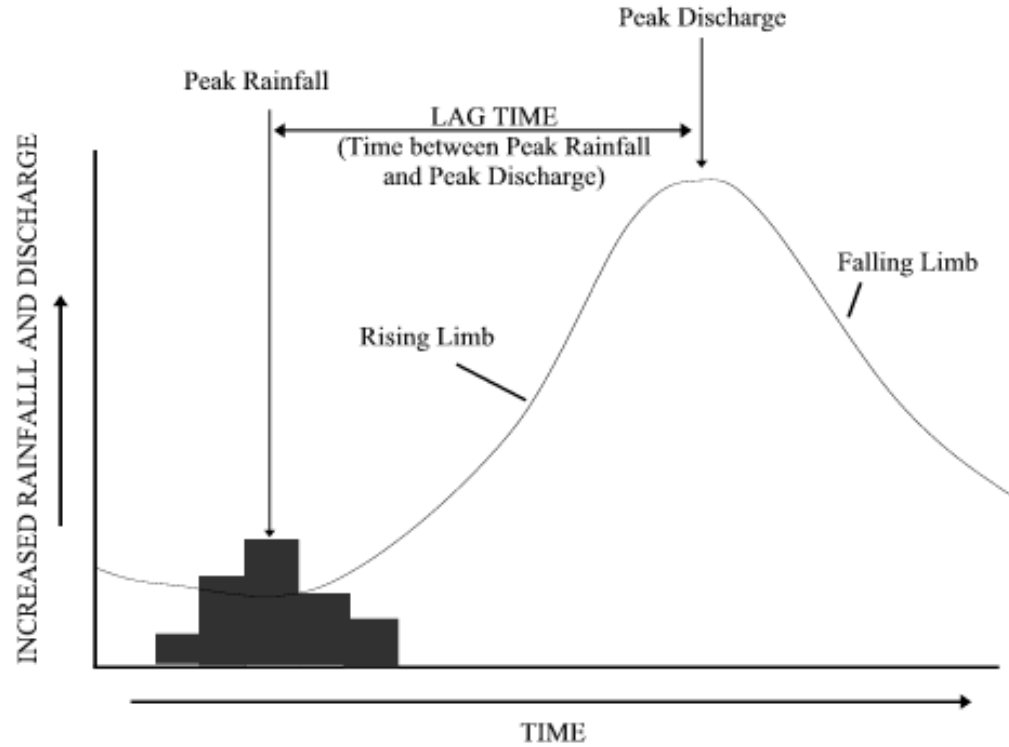
Name: \_\_\_\_\_

## Rivers and Flooding Lab Answer Sheet

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).

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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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