

## Review Questions: Streams: Part I

1. What is a permanent stream? An intermittent stream? How is this related to the height of the water table? What part of the U.S. has permanent streams? intermittent streams?
2. Define fluvial, tributary, and distributary.
3. What is a watershed/drainage basin? What is a "divide?"
4. Define permeable and impermeable.
5. Explain the 3 things that can happen to rain.
6. Name and explain at least three factors that determine the amount of water that goes into a stream during/after a rainfall event?
7. What is a hydrograph?
8. How would a hydrograph in a natural area differ from a hydrograph in an urban area? Explain why they are different.
9. What are the "jobs" of a stream in its upper reaches? mid-reaches? lower reaches? (i.e. what does the stream do in each of those segments)
10. Define "base level."
11. Define stream "load." Explain the 3 basic kinds of stream loads?
12. Explain the 2 measurements of stream "power" and the control on each type of power.
13. Explain the formula  $Q=AV$ , If cross sectional area increases, what happens to "V"?