

# THE RIVER OFE

(OFE grade)

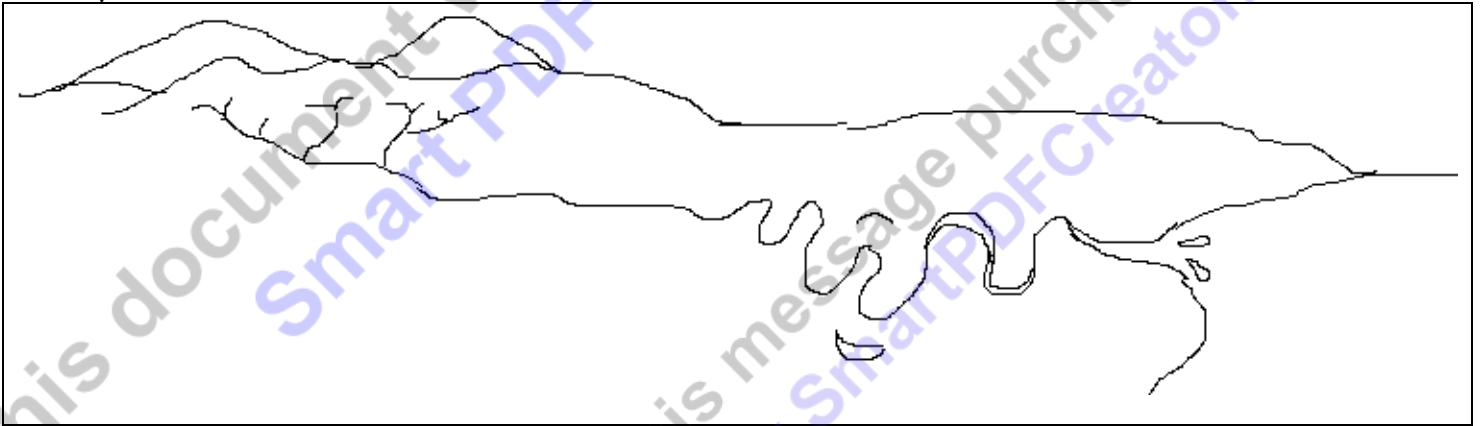
Name:

Due:

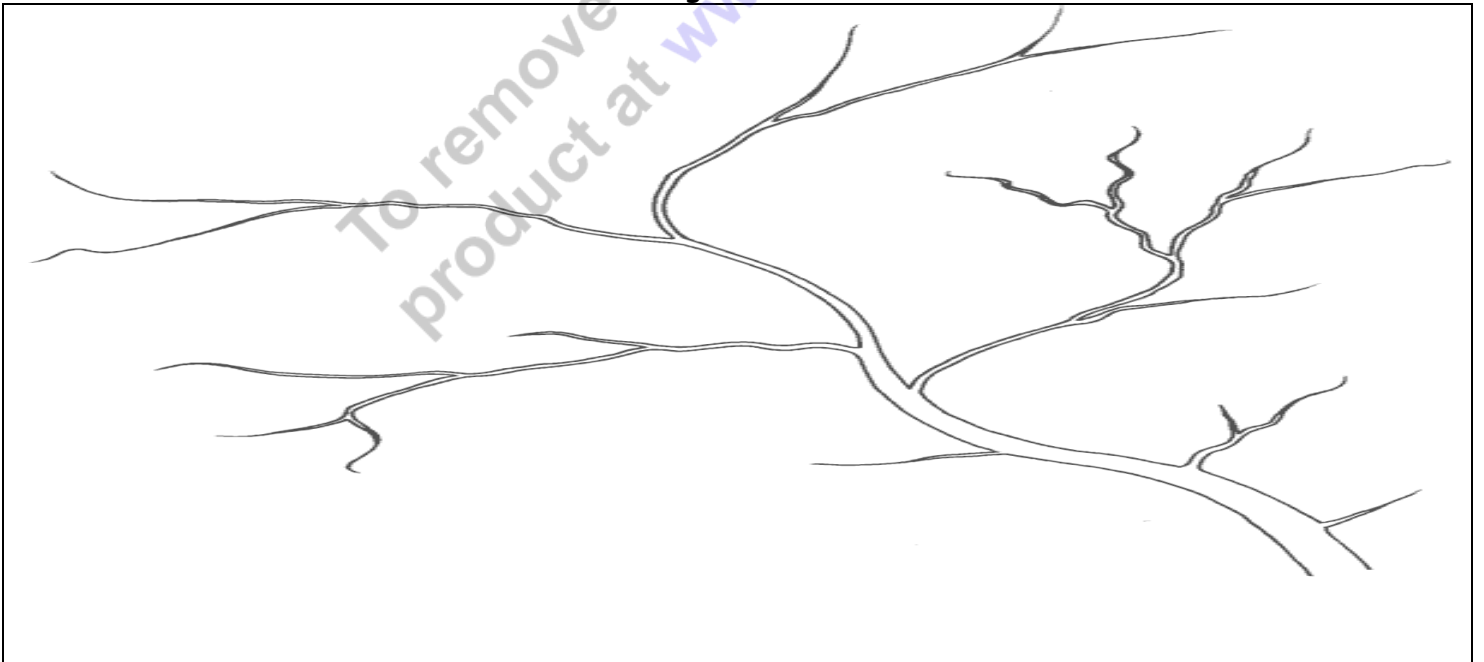
Please draw three different watersheds in the box below. Make sure each watershed is separated by hills or mountains showing the divide. You get to name each watershed.



Please label the four parts of the river below that we studied. Headwaters, Downriver, Floodplain, and Mouth/Delta.



Please label the stream order of the following river.



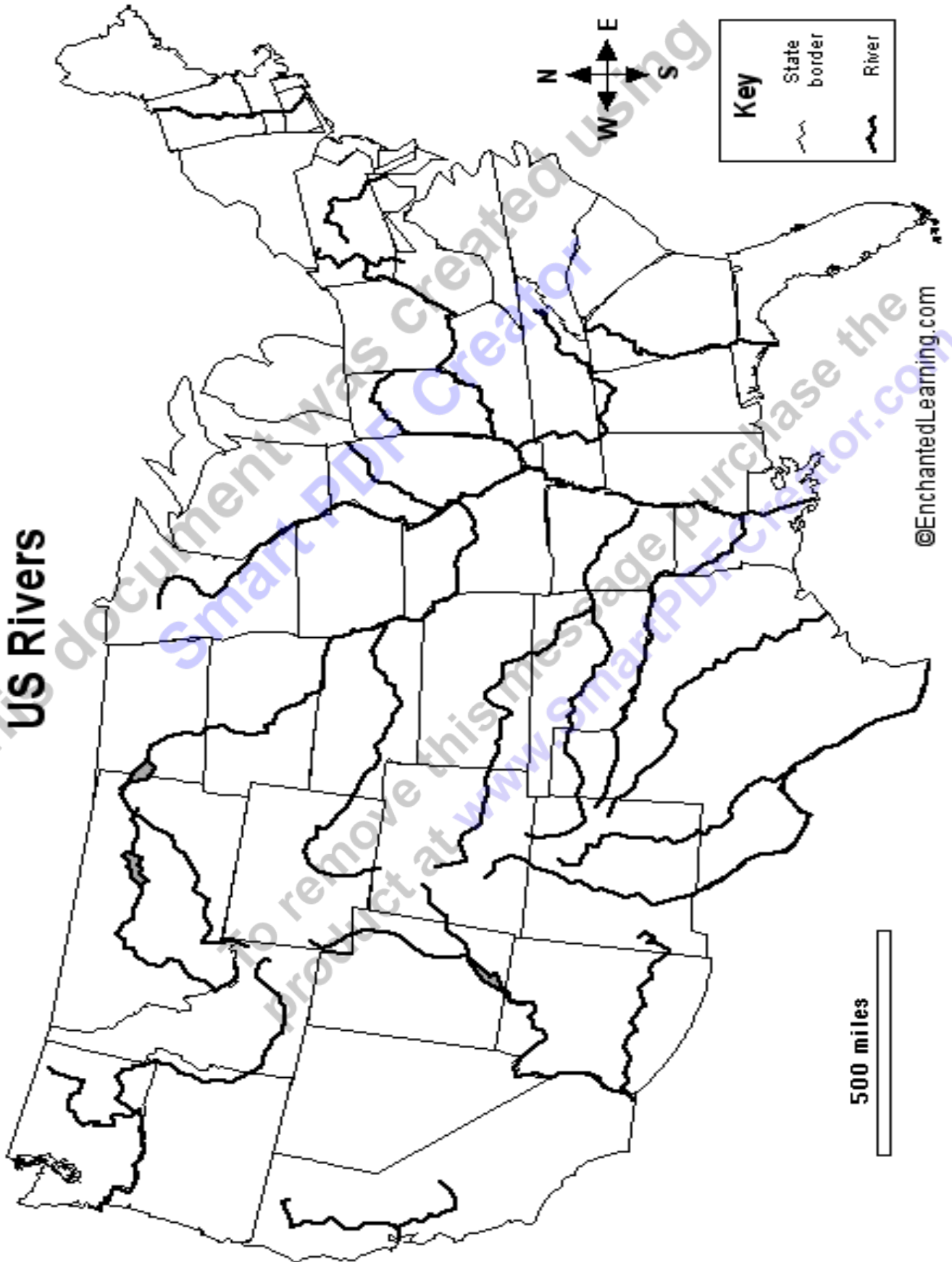
Please draw a river from the headwaters to the mouth/delta. Please include and label your drawing with the following terms.

Headwaters  
Downriver  
Floodplain  
Mouth/Delta  
Braided Stream  
Alluvial Fan  
Estuary  
Riparian Area  
Tributary  
Waterfall  
Watershed  
Meander  
Oxbow Lake  
Old-Channel  
Terraces

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Please identify and label the following major rivers of the United States and of New Hampshire.



Please discuss how this photograph represents the concept in rivers, "Everything Is Always Changing"



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Please use this meander to label this drawing with the correct terms. A strong response will go into detail about water speed, deposition, strainers, pools, bars, and riffles.



Please provide as many examples as possible about a River in the boxes below.

Physical Properties	Biological Properties	Chemical Properties

Please correctly identify the following benthic macro-invertebrates. Also label the class (I, II, III) that they belong to.



Please draw a vernal pool and tell about what is inside. Use pictures and text to support your answer.

Why should you care about flooding? Describe some of the problems flooding has caused in the past to people?

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What two factors control flooding? Please describe how these factors may affect a drainage basin.

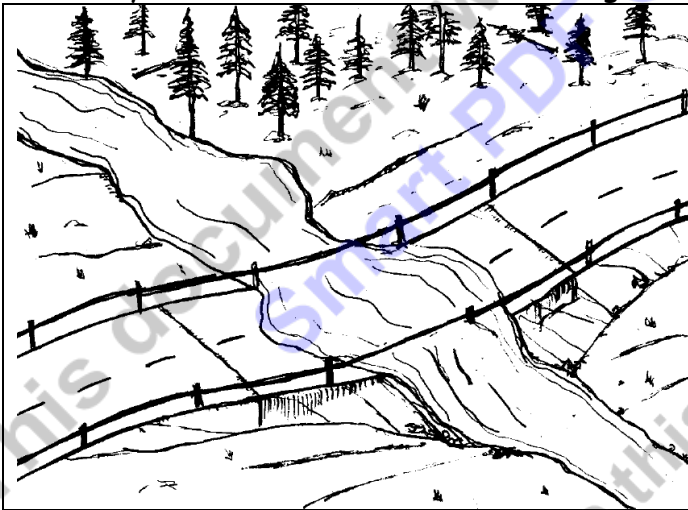
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Should you cross this low water crossing? Answer in the box next to the picture.



Please describe three types of floods in the boxes below.

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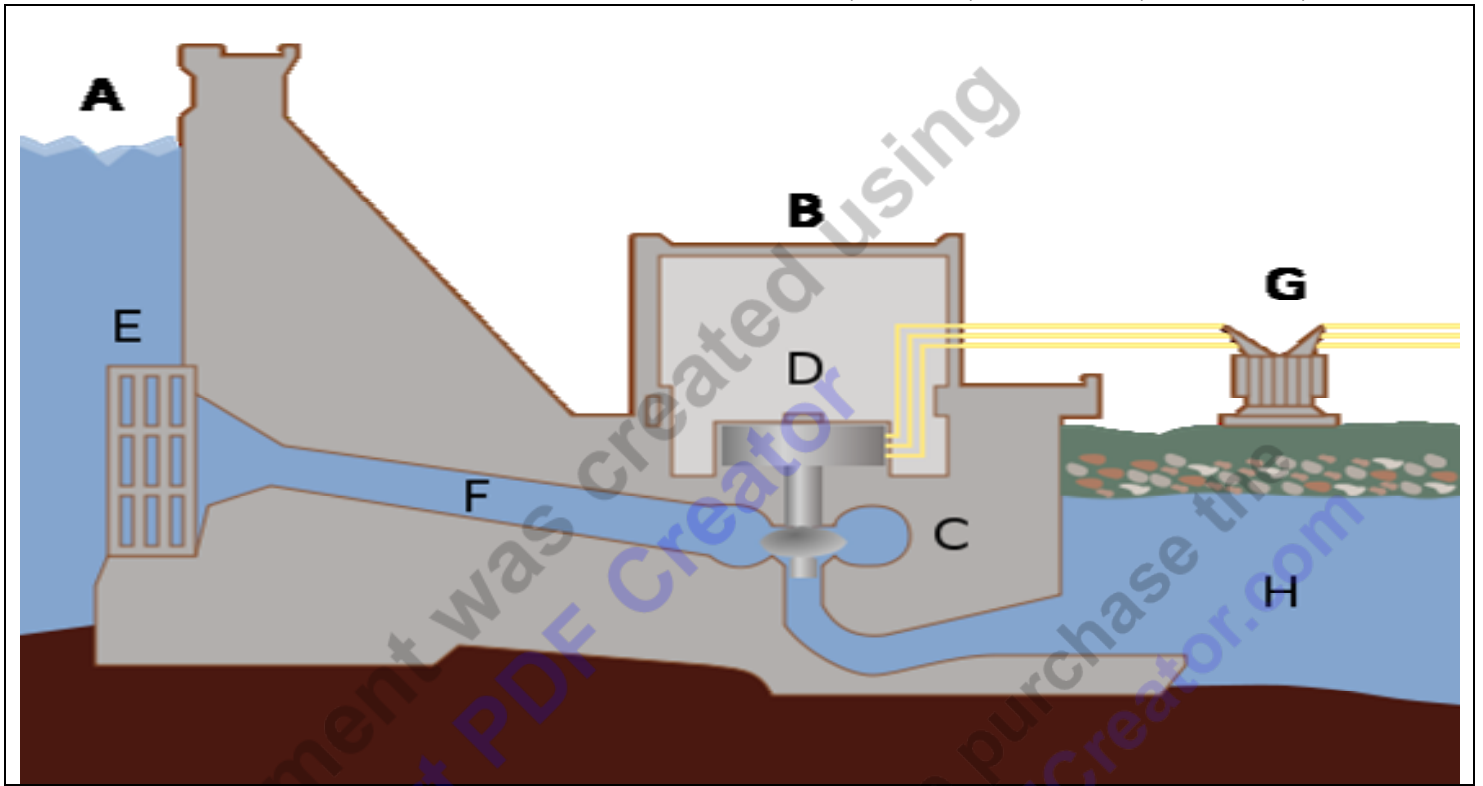
What is a Tsunami?	What causes them?	How do know one might be coming?
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Please discuss the importance of wetlands in flood prevention. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Please place three types of levees along the river in the space below. Please describe what type of levee you would use?

Please label the parts of a dam below.

Word Bank: River, Penstock, Turbine, Powerhouse, Powerlines, Intake, Generator, Reservoir,



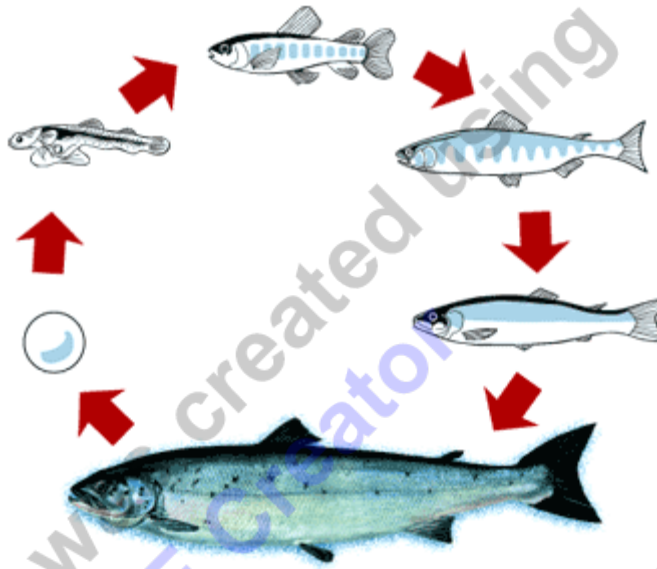
Please bullet list the positives and negatives that hydroelectric and flood control dams have on people and the ecosystem. Include info on the Yangtze, Grand Coulee, and other dams.

Positives

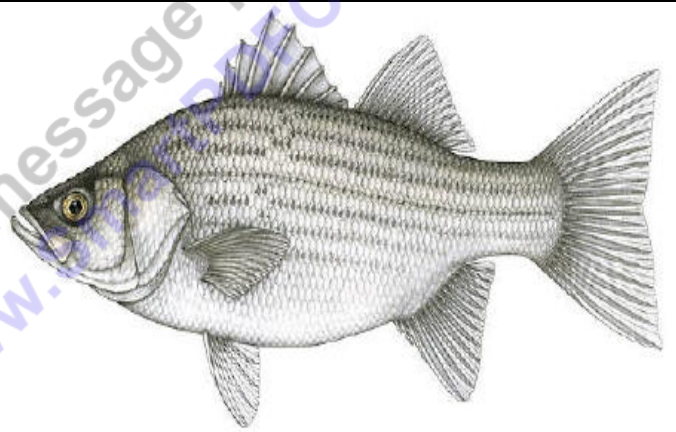
Negatives

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Please discuss the difficulties of the salmon life cycle. Base your responses on the salmon simulation and research you gathered on ways humans interfere with this life cycle and predators of the salmon.



Please describe something of interest in regards to the shape, mouth or coloration of the following fish.



Please describe the photos of the lake below as Eutrophic, Mesotrophic, or Oligotrophic.



Describe Eutrophication Below

