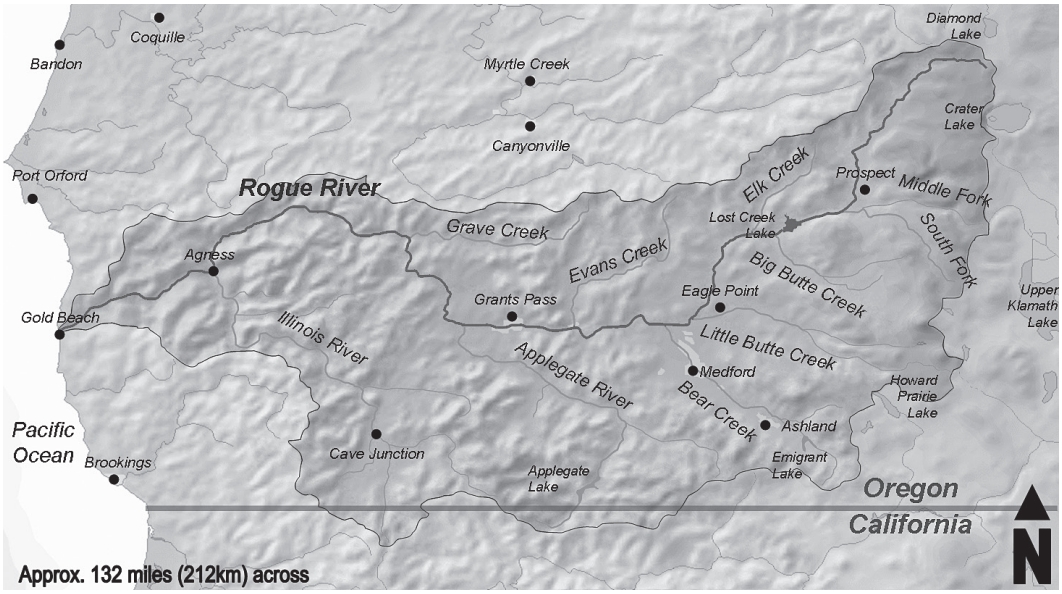
Checkout Questions

Lab 9. Sediment Transport by Water: How Do Changes in Stream Flow Affect the Size and Shape of a River Delta?

Use the figure below to answer questions 1 and 2.



1. A dam is constructed near the town of Agness. What effect will this likely have on the amount of sediment that reaches the town of Gold Beach? Explain why the dam could cause these effects.

2. There is more snowmelt than normal. What effect will this likely have on the amount of sediment that reaches the town of Grants Pass? Explain why an increase in snowmelt could cause these effects.

3. Scientists use experiments to prove a hypothesis is correct.

   a. I agree with this statement.
   b. I disagree with this statement.

   Explain your answer, using an example from your investigation about sediment transport by water.

4. A model is a three-dimensional representation of something on a smaller scale than the original.

   a. I agree with this statement.
   b. I disagree with this statement.

   Explain your answer, using an example from your investigation about sediment transport by water.

5. Scientists often need to be able to track how energy and matter move into, out of, and within systems during an investigation. Explain why it is important track energy and matter, using an example from your investigation about sediment transport by water.

6. Scientists often need to consider what measurement scale or scales to use during an investigation. Explain why it is important for scientist to think about the measurement scales, using an example from your investigation about sediment transport by water.