Student Sheet, Reading the Landscape Online

Use the National Geographic Map Machine to study river features.  
http://maps.nationalgeographic.com/map-machine

Go to the “SATellite” view and then enter each of the following places into the Search box (don’t enter the text in parentheses). Zoom in or out to observe features along the rivers and streams in each area.

1. Menan Buttes, Idaho (Snake River)
   Describe the drainage patterns visible.
   ____________________________________________________________
   List the features you find.
   ____________________________________________________________
   ____________________________________________________________
   Find evidence for deposition and erosion on the river. Where is the water eroding the land, and where are sediments being deposited?
   ____________________________________________________________
   ____________________________________________________________
   ____________________________________________________________
   What patterns do you notice?
   ____________________________________________________________
   ____________________________________________________________
   ____________________________________________________________

2. Mobile, Alabama (Tensaw River)
   Describe the drainage patterns visible.
   ____________________________________________________________
   List the features you find.
   ____________________________________________________________
   ____________________________________________________________
   Find evidence for deposition and erosion on the river. Where is the water eroding the land, and where are sediments being deposited?
   ____________________________________________________________
3. Grand Teton National Park, Wyoming (Snake River)

Describe the drainage patterns visible.

List the features you find.

Find evidence for deposition and erosion on the river. Where is the water eroding the land, and where are sediments being deposited?

What patterns do you notice?

4. Ennis, Montana (Cedar Creek)

Describe the drainage patterns visible.

List the features you find.
Find evidence for deposition and erosion on the river. Where is the water eroding the land, and where are sediments being deposited?

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What patterns do you notice?

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5. Kent, Connecticut (Housatonic River)

Describe the drainage patterns visible.

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List the features you find.

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Find evidence for deposition and erosion on the river. Where is the water eroding the land, and where are sediments being deposited?

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What patterns do you notice?

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