

Activity

Erosion and Land Features

Erosion is the process by which weathered rock and soil particles are moved from one place to another. The process by which sediments are laid down in new locations is deposition.

Both erosion and deposition change the shape of the Earth's surface. Erosion moves materials from place to place. Deposition builds new landforms.

There are five agents of erosion: gravity, wind, running water, glaciers, and waves. An agent of erosion is a material or force that moves sediments from place to place.

Part A Water

1. List two features in Figure 1 that indicate the river is an immature river. Describe how each feature formed.

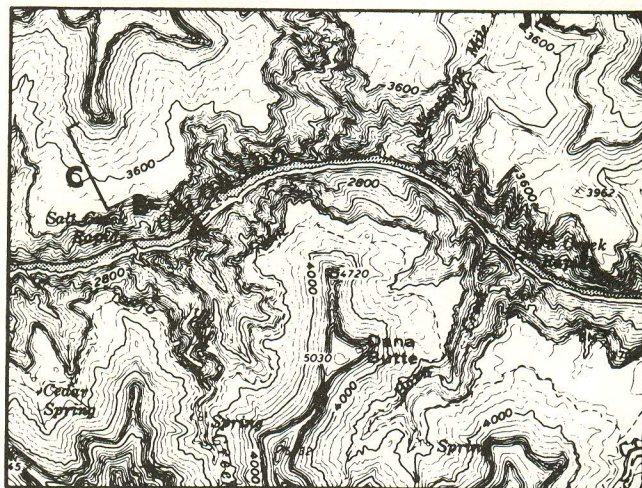


Figure 1

2. List three features in Figure 2 that indicate the river is a mature river. Describe how each feature formed.

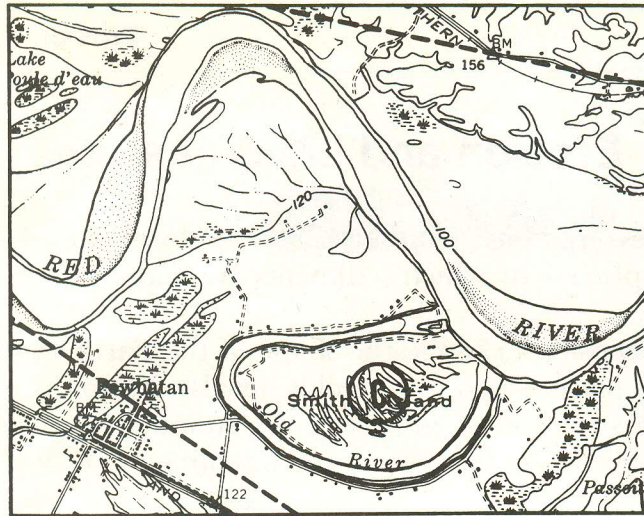


Figure 2

3. In the Data Table, put a check (✓) to indicate whether each item is a result of erosion, deposition, or both.

DATA TABLE	Erosion	Deposition
a. Alluvial fan		
b. Flood plain		
c. Delta		
d. Oxbow lake		
e. Meanders		
f. Levees		