

7th Grade Study Guide

Chapter 9

Water Erosion and Deposition

SURFACE WATER Section 1

- Identify surface runoff and the factors affecting runoff.
- Compare and contrast rill and gully erosion.
- Define sheet erosion.
- Explain stream erosion and its effects.
- Identify a river system and its components.
- Identify the characteristics of young, mature, and old rivers.
- Illustrate the effects of deposition.

GROUNDWATER Section 2

- Identify the factors effecting groundwater movement.
- Define water table and its effects on wells.
- List the elements leading to springs and geysers.
- Describe how caves form; define stalactite and stalagmite.
- Identify a sinkhole.

OCEAN SHORELINE Section 3

- Identify the factors affecting shorelines including longshore currents and tides.
- Compare and contrast rocky shorelines and sandy beaches.
- Identify a barrier island.

