

# Chapter 4 – Earth's Water

## Lesson 3 – Freshwater Resources



# Where is freshwater found?

- Much of Earth's fresh water is frozen in sheets of ice or glaciers.
- **Glacier**: large sheet of ice that moves slowly across the ground



# Where is freshwater found?

- We get our fresh water from three sources:
  1. Running water – rivers, streams
  2. Standing water – ponds, lakes, **reservoirs** (human-made lakes)



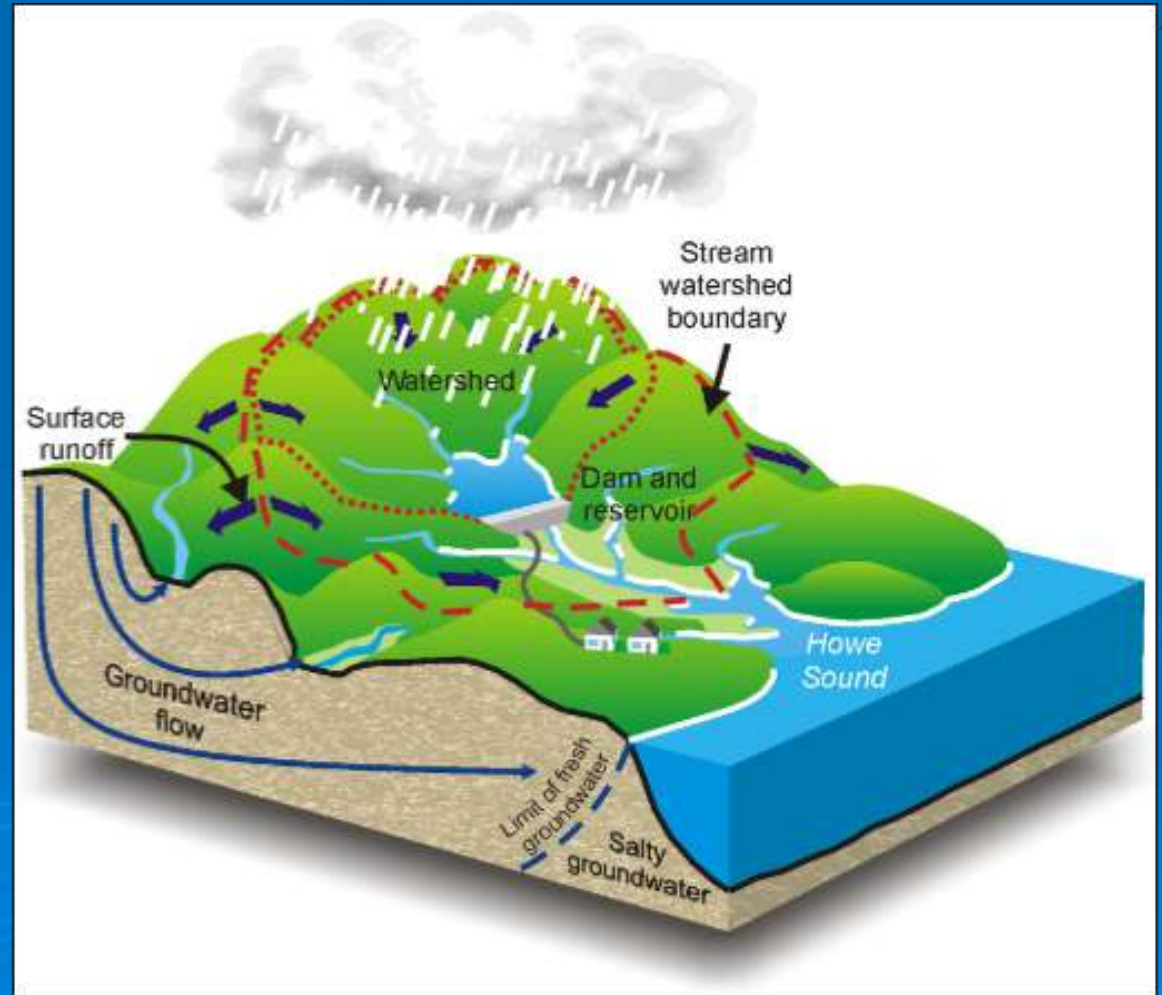
# Where is freshwater found?

1. Groundwater – water that is underground

- **Aquifer**: underground layer of rock or soil that holds water

# What is a watershed?

- **Watershed:** the area of land where water that hasn't evaporated or seeped into the ground drains into a river



# What is a watershed?

- Plants and roots help control the flow of water in a watershed.
- When plants are removed, water can flow more quickly and carry away soil.
- **Flood**: when water overflows from a body of water onto land



# How is water polluted?

- **Water can be polluted by:**
  - **chemicals used to grow crops and kill insects**
  - **waste products from farms and factories**
  - **spilled motor oils and trash**

# How is water cleaned?

- **Water is cleaned in water treatment plants.**





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