Chapter 13 “Book Scavenger Hunt”

Define the following terms:

Freshwater

Groundwater

Zone of saturation

Water table

Aquifers

Surface water

Surface runoff

Drainage basin

Virtual water

Ogallala

Estuary

Aqueduct

Aral Sea Disaster

Overdraft

Colorado River System

Desalination

Distillation

Evapotranspiration

Reverse osmosis

floodplain

1. What are some possible problems with relying on satellite data for measuring changes in water supplies?
2. Which two advantages and two disadvantages with withdrawing groundwater from aquifers do you think are the most important? Why?
3. Do you depend on any aquifers for drinking water? If so, what is the level of severity of overdraft where you live?
4. Compare and contrast the advantages and disadvantages to groundwater depletion prevention.
5. Diagram and label a dam.
6. What are three steps you would take to deal with the problems of the Colorado River System?
7. What are three major problems with the widespread use of desalination?
8. Create a pro/con list of each type of irrigation. Which is the most efficient?
9. Looking at figure 13-29, how might a drought in this area make these effects even worse?
10. Using page 346, answer the critical thinking questions 1-8
11. On page 347 A-B, answer questions 6-14