

1. What influences the value of water?
2. What percentage of our water in the US is used for agriculture?
3. What portion of our annual agricultural crops require irrigation?
4. What is the problem with using water for cooling purposes in manufacturing?
5. How much water does the US use every day?
6. How much water does each person in the US use every day?
7. How much water does the US use every year?
8. What is one acre-foot of water?
9. How many gallons are in one acre-foot of water?
10. Where does wastewater come from?
11. What is the biggest demand on our water supply?
12. Is the demand for water growing or decreasing? (This can be answered two ways.)
13. What is an aquifer?
14. How much water on our planet is fresh?
15. How much water on our planet is accessible for human use?
16. Why is water such a crucial commodity for life?
17. Why is *safe* water such a crucial commodity?
18. How do Americans get their water?
19. What things does a water bill pay for?
20. What is the hydrologic cycle?
21. What are the four stages of the hydrologic cycle?
22. Water transforms back and forth between which two states during the hydrologic cycle?
23. Which four biospheres does water move through during the water cycle?
24. What is the chemical formula for water?
25. Why does water have the unique properties it displays?
26. Explain the density of ice as compared to water and why it is an anomaly.

27. What is the boiling point and freezing point of water? (both F and C)
28. What are two methods of removing salt from water?
29. What is brackish water?
30. How much salt can be in fresh water?
31. What is an estuary?
32. What are the four categories of flowing bodies of water?
33. What is the name for the rate of flow in a stream?
34. What do we call the study of flowing bodies of water?
35. The area surrounding the stream where excess water goes is called what?
36. What are the non-flowing bodies of water called? (list all 7)
37. What compound is measured to test hardness?
38. What is turbidity?
39. What element makes water smell like rotten eggs?
40. What is blue baby syndrome?
41. What are some heavy metals that could be found in the water?
42. What is commonly added to water to disinfect it?
43. What might cause a scaly build up on plumbing fixtures?
44. Why is alkalinity of the water important for streams?
45. Why would foam form on top of water?
46. How do phosphates normally enter the water supply in large quantities?