

Name \_\_\_\_\_ Date \_\_\_\_\_ Hour \_\_\_\_\_

### Aquifers and the Ogallala Aquifer Article

12. What can happen to an aquifer if it is not carefully managed? Give two examples.

1. Why do farmers need to use groundwater for their crops?

2. Define the term aquifer.

3. How does permeability affect the amount of water that can be absorbed into an aquifer?

4. What happens to water as it enters the ground?

5. Define the term water table.

6. Define the term zone of saturation.

7. What are the two types of aquifers discussed in the article?

8. Contrast the two types of aquifers. (Explain how they are different.)

9. How do humans impact groundwater?

10. What is meant by a "drawdown"?

11. What happens structurally to an aquifer when too much water is taken out of an aquifer?

13. Where is the Ogallala Aquifer located? Why is it important to life in this region?

14. What type of aquifer is it?

15. How was the Ogallala Aquifer formed?

16. Is the Ogallala Aquifer being filled with water today? Why or why not?

17. What is water from this aquifer used for?

18. What has happened to the water table in the Ogallala Aquifer?

19. How much of the water in the Aquifer could be used up in the next decade?

20. Why is it a concern if the water in the Ogallala Aquifer gets used up?