

## GUIDED READING

### Oklahoma: Our History Our Home

#### Chapter 1: Where in the World is Oklahoma?

##### Section 4 Oklahoma's Climate

Directions: Use the information from pages 32 - 34 to complete the following.

1. People often confuse \_\_\_\_\_ and \_\_\_\_\_.
2. \_\_\_\_\_ measures the current conditions of the atmosphere: \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_.
3. \_\_\_\_\_ is the average weather of an area over a long period of time, such as 25-30 years.
4. The average annual \_\_\_\_\_ in Oklahoma is about \_\_\_\_\_.
5. The temperature means that Oklahoma has a long \_\_\_\_\_ season for agriculture, ranging from 168 days in the north to 225 days along the Red River.
6. Oklahoma also has a great variation in \_\_\_\_\_, which is influenced by its latitude and \_\_\_\_\_ (the height of a place above sea level).
7. \_\_\_\_\_ storms, torrential \_\_\_\_\_, and \_\_\_\_\_ can all cause damage.
8. When the temperature quickly drops below freezing, rain droplets turn into \_\_\_\_\_ (balls of ice) of varying sizes that fall to earth with sometimes destructive power.
9. \_\_\_\_\_ have occurred throughout the United States, but Oklahoma and nearby states tend to have more.
10. This area is sometimes called "\_\_\_\_\_."
11. **Tornadoes** can form when clashing \_\_\_\_\_ create funnels of winds that \_\_\_\_\_ counterclockwise.
12. Oklahoma has become a leading state in the \_\_\_\_\_ study and \_\_\_\_\_ industry.
13. \_\_\_\_\_ has long been used to power windmills to pump water from the ground and to generate \_\_\_\_\_ in some rural homes.

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

14. As we look for more \_\_\_\_\_ energies to replace the need for \_\_\_\_\_ fuels, companies are responding with wind farms in the state.
15. These “ \_\_\_\_\_ ” consist of giant wind \_\_\_\_\_ that generate \_\_\_\_\_ when the wind blows.
16. \_\_\_\_\_ lines move the electricity to the consumer.