

Chapter 15

Text Pages 422–431

STUDY GUIDE

● What Is Weather?

In the word search puzzle, find and circle the word that completes each sentence. Write the word on the line.

1. The present state of the atmosphere is the _____ .
2. _____ is the amount of water vapor in the air.
3. Air is _____ when it is holding all the moisture it can at a certain temperature.
4. The temperature at which air is saturated and condensation begins is the _____ point.
5. _____ humidity is the amount of water vapor in air compared to the amount of water vapor air can hold at a certain temperature.
6. A _____ is an instrument that measures relative humidity.
7. When millions of tiny drops of water around dust particles form from condensed humid air, a _____ forms.
8. A stratus cloud that forms near the ground is _____ .
9. Water droplets that become too heavy to remain suspended in the air fall out of the clouds as _____ .
10. _____ forms when water drops freeze in layers around small nuclei of ice.
11. Water drops that fall when the temperature is above freezing fall as _____ .
12. Water drops that fall when the temperature is below freezing fall as _____ .
13. When snow passes through warm air, melts, and refreezes near the ground, it becomes _____ .

T S A T U R A T E D F Q Y M B
 B N O P S Y C H R O M E T E R
 Y O W Q L N W G A V H R L F I
 A W P R E C I P I T A T I O N
 J D B C E I T C N U I L N G A
 R E L A T I V E X C L O U D C
 K W U B L H U M I D I T Y U V
 Y J W E A T H E R G M R O M A