

Name: \_\_\_\_\_

# Unit 8 Vocabulary Quiz

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| 1. the short-term state of the atmosphere, including temperature, humidity, precipitation, wind, and visibility  | A. fog                 |
| 2. the amount of water vapor in the air  | B. cirrus cloud        |
| 3. the ratio of the amount of water vapor in the air to the amount of water vapor needed to reach saturation at a given temperature                        | C. stratus cloud       |
| 4. at constant pressure and water vapor content, the temperature at which the rate of condensation equals the rate of evaporation                          | D. dew point           |
| 5. any form of water that falls to Earth's surface from the clouds   | E. hurricane           |
| 6. the distance at which a given standard object can be seen and identified with the unaided eye   | F. cumulus cloud       |
| 7. a gray cloud that has a flat, uniform base and that commonly forms at very low altitudes  | G. weather forecasting |
| 8. a low-level, billowy cloud that commonly has a top that resembles cotton balls and a dark bottom  | H. relative humidity   |
| 9. a cloud that forms near the ground and results in a reduction in visibility   | I. wind                |
| 10. a feathery cloud that is composed of ice crystals and that has the highest altitude of any cloud in the sky  | J. storm surge         |
| 11. a large body of air throughout which temperature and moisture content are similar  | K. climate             |
| 12. a narrow band of strong winds that blow in the upper troposphere   | L. front               |
| 13. the boundary between air masses of different densities and usually different temperatures  | M. precipitation       |
| 14. an electric discharge that takes place between two oppositely charged surfaces   | N. air mass            |
| 15. a severe storm that develops over tropical oceans and whose strong winds of more than 119km/h spiral in toward the intensely low-pressure storm center | O. jet stream          |
| 16. a local rise in sea level near the shore that is caused by strong winds from a storm, such as those from a hurricane                                   | P. humidity            |

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| 17. the process of predicting atmospheric conditions by collecting and analyzing atmospheric data | Q. weather     |
| 18. the scientific study of Earth's atmosphere, especially in relation to weather and climate     | R. meteorology |
| 19. the weather conditions in an area over a long period of time                                  | S. visibility  |
| 20. the movement of air caused by differences in air pressure                                     | T. lightning   |