

Tornadoes Quiz Answer Key PDF

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What is a tornado?

- A. A type of earthquake
- B. A rotating column of air ✓**
- C. A flood event
- D. A type of snowstorm

What is the weakest classification on the Enhanced Fujita Scale?

- A. EF0 ✓**
- B. EF1
- C. EF3
- D. EF5

Which of the following are types of thunderstorms that can produce tornadoes? (Select all that apply)

- A. Supercell ✓**
- B. Squall line ✓**
- C. Single-cell
- D. Multicell cluster ✓**

What are potential effects of a tornado? (Select all that apply)

- A. Property damage ✓**
- B. Increased humidity
- C. Power outages ✓**
- D. Landscaping alteration ✓**

What are common safety measures during a tornado? (Select all that apply)

- A. Stay near windows
- B. Take cover in a basement ✓**
- C. Use a car for shelter
- D. Stay on the lowest floor ✓**

Which states are part of Tornado Alley? (Select all that apply)

- A. Texas ✓**
- B. Florida
- C. Kansas ✓**
- D. Oklahoma ✓**

What should you do if a tornado warning is issued?

- A. Go outside to watch
- B. Take cover in a basement ✓**
- C. Drive away from the area
- D. Open all windows

Which atmospheric condition is NOT necessary for tornado formation?

- A. Instability
- B. Wind shear
- C. High humidity ✓**
- D. Low pressure

Which tools are used in storm chasing and tornado research? (Select all that apply)

- A. Thermometer
- B. Doppler Radar ✓**
- C. Anemometer ✓**
- D. Barometer ✓**

What tool is primarily used to detect and track tornadoes?

- A. Barometer
- B. Doppler Radar ✓**
- C. Anemometer
- D. Thermometer

Which of the following are key conditions for tornado formation? (Select all that apply)

- A. Instability ✓**
- B. High pressure
- C. Wind shear ✓**
- D. Lift ✓**

What is the primary visual characteristic of a tornado?

- A. A rainbow
- B. A funnel-shaped cloud ✓**
- C. A circular cloud
- D. A flat cloud

Which region in the United States is most commonly associated with tornadoes?

- A. Pacific Northwest
- B. Tornado Alley ✓**
- C. New England
- D. The Gulf Coast

During which season are tornadoes most frequent in the United States?

- A. Winter
- B. Spring ✓**
- C. Summer
- D. Fall