

C2: Tornadoes

Tornadoes

Have you ever heard of a tornado? Tornadoes are powerful storms with very strong, spinning winds. They can happen in many places around the world, but they are most common in certain parts of the United States, like Tornado Alley.

What Are Tornadoes?

Tornadoes are big, spinning storms. They have winds that can blow really fast, and they look like funnel-shaped clouds reaching from the sky to the ground. These storms can be very dangerous because they can blow things away and even destroy buildings.

How Do Tornadoes Form?

Tornadoes usually form when warm air and cold air mix together. This often happens during a big thunderstorm. The warm air rises, and the cold air falls, creating a spinning effect. If the spinning gets strong enough, it can turn into a tornado.

Where Are Tornadoes Most Common?

In the United States, tornadoes are most common in an area known as Tornado Alley. This area includes parts of the Midwest, where the conditions are just right for tornadoes to form.

What to Do During a Tornado?

If there is a tornado watch, it means that conditions are right for a tornado to form. You should stay alert and listen to weather updates. If there is a tornado warning, it means a tornado has been seen or detected. You need to take immediate action to stay safe.

The best place to be during a tornado is in a small, windowless room on the lowest level of your house. If you are outside when a tornado is coming, find shelter in a sturdy building or lie flat in a low-lying area and cover your head with your hands.

How Do Scientists Track Tornadoes?

Scientists use special tools and radar to track tornadoes and warn people. These tools help them see where a tornado might form and give people time to get to safety.

Multiple Choice: Tornadoes

1. What are tornadoes?
 - A. Powerful storms with spinning winds
 - B. Gentle rain showers
 - C. Hot and sunny days
 - D. Cold and snowy weather

2. What do tornadoes look like?
 - A. Funnel-shaped clouds
 - B. Flat and wide clouds
 - C. Fluffy white clouds
 - D. Dark rain clouds

3. How do tornadoes form?
 - A. When it's hot and sunny outside
 - B. When warm and cold air mix together
 - C. When there is a big thunderstorm
 - D. When it's cold and snowy outside

4. Where are tornadoes most common in the United States?
 - A. The East Coast
 - B. The West Coast
 - C. The Midwest
 - D. Tornado Alley

5. What can tornadoes do?
 - A. Bring gentle rain showers
 - B. Create rainbows in the sky
 - C. Blow things away and destroy buildings
 - D. Make the grass grow taller

6. What should you do during a tornado watch?
 - A. Play outside in the rain
 - B. Climb to the rooftop for a better view
 - C. Stay alert and listen to the weather updates
 - D. Go outside to watch the storm

7. What should you do during a tornado warning?
 - A. Take immediate action to stay safe
 - B. Go outside to take pictures of the tornado
 - C. Keep doing your regular activities
 - D. Open the windows to let the wind in

8. Where is the best place to be during a tornado?
 - A. Outside in an open field
 - B. In a small, windowless room on the lowest level of your house
 - C. In a tall building with lots of windows
 - D. In a car driving away from the tornado

9. What should you do if you are outside when a tornado is coming?
 - A. Run as fast as you can in the opposite direction
 - B. Climb a tree to get a better view of the tornado
 - C. Stand still and cover your head with your hands
 - D. Find shelter in a sturdy building or lie flat in a low-lying area

10. How do scientists track tornadoes and warn people?
 - A. By using special tools and radar
 - B. By asking people who live near the tornado
 - C. By looking at the stars
 - D. By guessing

Multiple Choice Answers: Tornadoes

Question 1:

- Answer: A. Powerful storms with spinning winds
- Evidence from the passage: "Tornadoes are powerful storms with very strong, spinning winds."

Question 2:

- Answer: A. Funnel-shaped clouds
- Evidence from the passage: "They look like funnel-shaped clouds reaching from the sky to the ground."

Question 3:

- Answer: B. When warm and cold air mix together
- Evidence from the passage: "Tornadoes usually form when warm air and cold air mix together. This often happens during a big thunderstorm."

Question 4:

- Answer: D. Tornado Alley
- Evidence from the passage: "In the United States, tornadoes are most common in an area known as Tornado Alley."

Question 5:

- Answer: C. Blow things away and destroy buildings
- Evidence from the passage: "These storms can be very dangerous because they can blow things away and even destroy buildings."

Question 6:

- Answer: C. Stay alert and listen to the weather updates
- Evidence from the passage: "If there is a tornado watch, it means that conditions are right for a tornado to form. You should stay alert and listen to weather updates."

Question 7:

- Answer: A. Take immediate action to stay safe
- Evidence from the passage: "If there is a tornado warning, it means a tornado has been seen or detected. You need to take immediate action to stay safe."

Question 8:

- Answer: B. In a small, windowless room on the lowest level of your house
- Evidence from the passage: "The best place to be during a tornado is in a small, windowless room on the lowest level of your house."

Question 9:

- Answer: D. Find shelter in a sturdy building or lie flat in a low-lying area
- Evidence from the passage: "If you are outside when a tornado is coming, find shelter in a sturdy building or lie flat in a low-lying area and cover your head with your hands."

Question 10:

- Answer: A. By using special tools and radar
- Evidence from the passage: "Scientists use special tools and radar to track tornadoes and warn people."