

Cyclones Quiz PDF

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What is the calm center of a cyclone called?

- Eye Wall
- Eye
- Rainband
- Vortex

Cyclones that occur in the Atlantic Ocean are commonly known as:

- Typhoons
- Hurricanes
- Tornadoes
- Monsoons

What is the term for elevated water levels caused by cyclones?

- Tsunami
- Storm Surge
- Floodplain
- High Tide

Explain how the Saffir-Simpson Scale categorizes cyclones.

Describe the process of cyclone formation over warm ocean waters.

What are the differences between tropical and extratropical cyclones?

Discuss the impact of a historical cyclone on a specific region.

How do meteorologists predict the path and intensity of cyclones?

Which scale is used to measure the strength of tropical cyclones?

- Richter Scale
- Fujita Scale

- Saffir-Simpson Scale
- Beaufort Scale

What measures can communities take to prepare for an approaching cyclone?

Which of the following are parts of a cyclone?

- Eye
- Eye Wall
- Rainbands
- Core

Which category on the Saffir-Simpson Scale indicates the most severe cyclone?

- Category 1
- Category 3
- Category 4
- Category 5

What factors contribute to cyclone formation?

- Warm ocean waters
- High atmospheric pressure
- Coriolis effect
- Cold air masses

What are common effects of cyclones?

- Wind Damage
- Earthquakes
- Storm Surge
- Heavy Rainfall

Which ocean is least likely to experience cyclones?

- Atlantic Ocean
- Pacific Ocean
- Indian Ocean
- Arctic Ocean

Which part of a cyclone is characterized by the strongest winds and heaviest rains?

- Eye
- Eye Wall
- Rainband
- Outer Bands

Which regions are frequently affected by cyclones?

- Atlantic Ocean
- Pacific Ocean
- Indian Ocean
- Mediterranean Sea

Which safety measures are important during a cyclone?

- Evacuation plans
- Building sandcastles
- Securing loose objects
- Ignoring warnings

Which of the following are historical cyclones?

- Hurricane Katrina
- Cyclone Tracy
- Typhoon Haiyan
- Tornado Alley

What is the primary energy source for cyclone formation?

- Cold air currents
- Warm ocean waters
- Mountain ranges

Desert heat