

Name _____

Forecast or Pattern Analysis



Weather describes short-term atmospheric conditions such as temperature, precipitation, and wind that can change from minute to minute or day to day. **Climate** describes the long-term average patterns of weather in a particular region, usually measured over decades.

Write **W** for Weather or **C** for Climate next to each example:

1. _____ A blizzard lasting for three days in northern Canada.
2. _____ Summers in southern Spain are typically hot and dry.
3. _____ Thunderstorms developing in Florida this afternoon.
4. _____ The average yearly rainfall in the Amazon rainforest is about 80 inches.
5. _____ A cold front causing temperatures to drop sharply overnight.
6. _____ Over the last 50 years, the Arctic has seen a steady decrease in sea ice.
7. _____ Today's high temperature is expected to reach 85°F.
8. _____ The Sahara Desert receives less than 4 inches of rain per year.
9. _____ A heatwave lasting one week in July.
10. _____ The Midwest U.S. has four distinct seasons with varying temperatures.

Explain Your Reasoning

Pick **an example weather AND a climate** from above and explain why they are classified as weather or climate. Use complete sentences.