

Topic 5 Lesson 2 Check

1. What is the difference between an air mass and a front?
2. One summer vacation morning, the weather was warm and humid. About 3:00pm, heavy clouds formed and then there was a severe thunderstorm with rain and hail. After the storm, the sun came out, but temperatures had dropped 15 degrees Celsius. Explain each change in the day's weather.
3. A state often has cold, snowy winters and cool, rainy summers. Is this state more likely to be New York or Nebraska? Explain.
4. What types of data would a meteorologist need to collect to demonstrate the presence of a cyclone in a specific region. Support your answers.