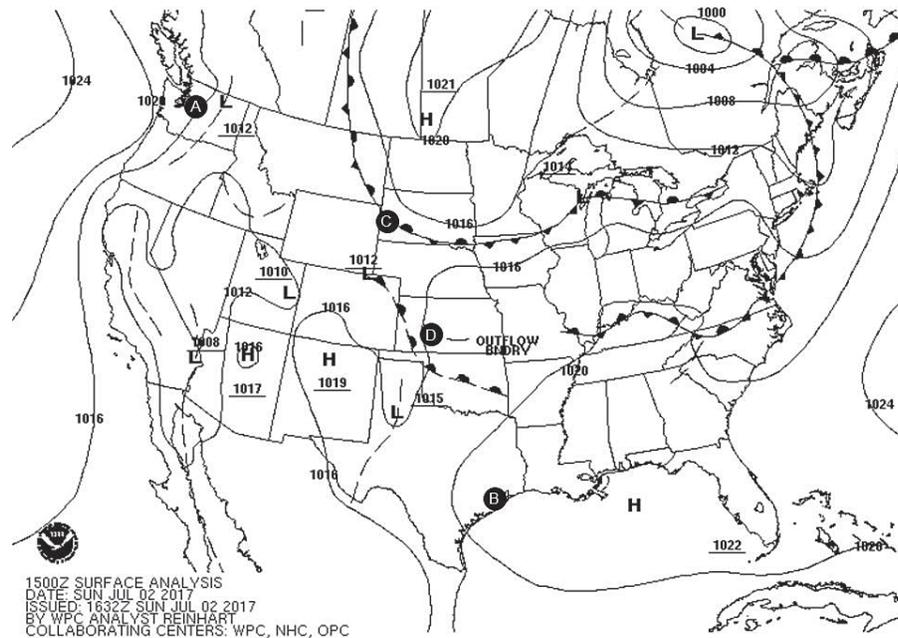


## Checkout Questions

### Lab 15. Air Masses and Weather Conditions: How Do the Motions and Interactions of Air Masses Result in Changes in Weather Conditions?

1. What are air masses and how do meteorologists classify them?
2. A meteorologist is given the weather map below and is asked to predict the upcoming weather for the four cities marked with the letters A, B, C, and D in black circles.



- a. Which city or cities will probably experience rain in the near future?

# LAB 15

b. How do you know?

3. The statement “an air mass with low pressure is replacing one with high pressure” is an example of an observation.

a. I agree with this statement.

b. I disagree with this statement.

Explain your answer, using an example from your investigation about air masses and weather conditions.

4. Scientists, regardless of their discipline, follow the same step-by step method to answer questions about natural phenomena.

a. I agree with this statement.

b. I disagree with this statement.

Explain your answer, using an example from your investigation about air masses and weather conditions.

