

Air Pressure Systems

Complete the exercises and answer the questions about the map shown in Figure 1.

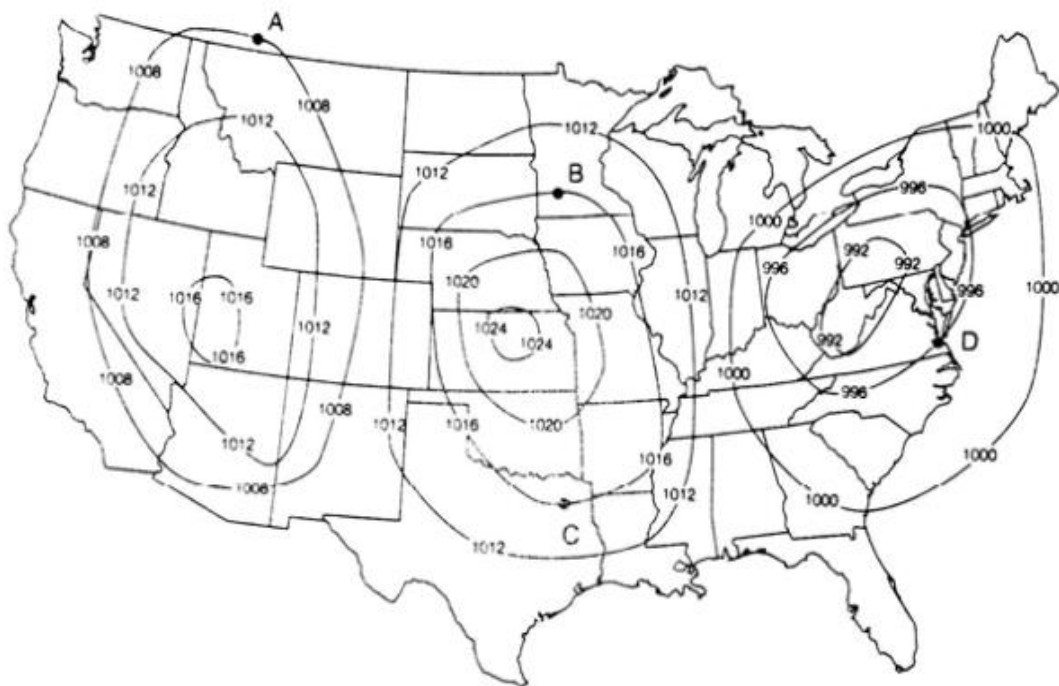


Figure 1 Air-pressure Systems

1. a. What do the numbers on the map represent? _____
 b. In what unit are these numbers recorded? _____
2. a. What are the lines called that connect the numbers? _____
 b. What do the lines on the map represent? _____
3. **Analyze** Look at each air-pressure system. Label the high-pressure system(s) with an *H*. Label the low-pressure system(s) with an *L*.
4. Suppose air movement occurred between the air-pressure system on the right and the system in the center. Draw an arrow on the map to show the direction of the air movement.
5. a. What is the air pressure at point A? _____
 b. At point B? _____
 c. At point C? _____
 d. At point D? _____