

# PRESSURE MAP OF THE UNITED STATES

Name \_\_\_\_\_

Period \_\_\_\_\_ Date \_\_\_\_\_

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**Directions:** Answer the following questions using the Pressure Map of the U.S.

1. What does the H on the pressure map represent? \_\_\_\_\_

2. What does the L on the pressure map represent? \_\_\_\_\_

3. What is the lowest pressure reading? \_\_\_\_\_

4. What is the highest pressure reading? \_\_\_\_\_

5. Which direction is wind blowing from Billings, MT to Kansas City, KS or vice versa?

\_\_\_\_\_

6. Which direction is wind blowing from Kansas City to Buffalo, NY or vice versa?

\_\_\_\_\_

7. What is the difference between isobar lines? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

8. Why is pressure difference between two adjacent lines always the same but the distance is not?

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\_\_\_\_\_

\_\_\_\_\_

9. What do you think it means when the isobar lines are close together? \_\_\_\_\_

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**PRESSURE MAP  
OF THE UNITED STATES**

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10. What do you think it means when the isobar lines are far apart? \_\_\_\_\_

\_\_\_\_\_

11. What can the distance between isobars tells us about how fast the wind is blowing?

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