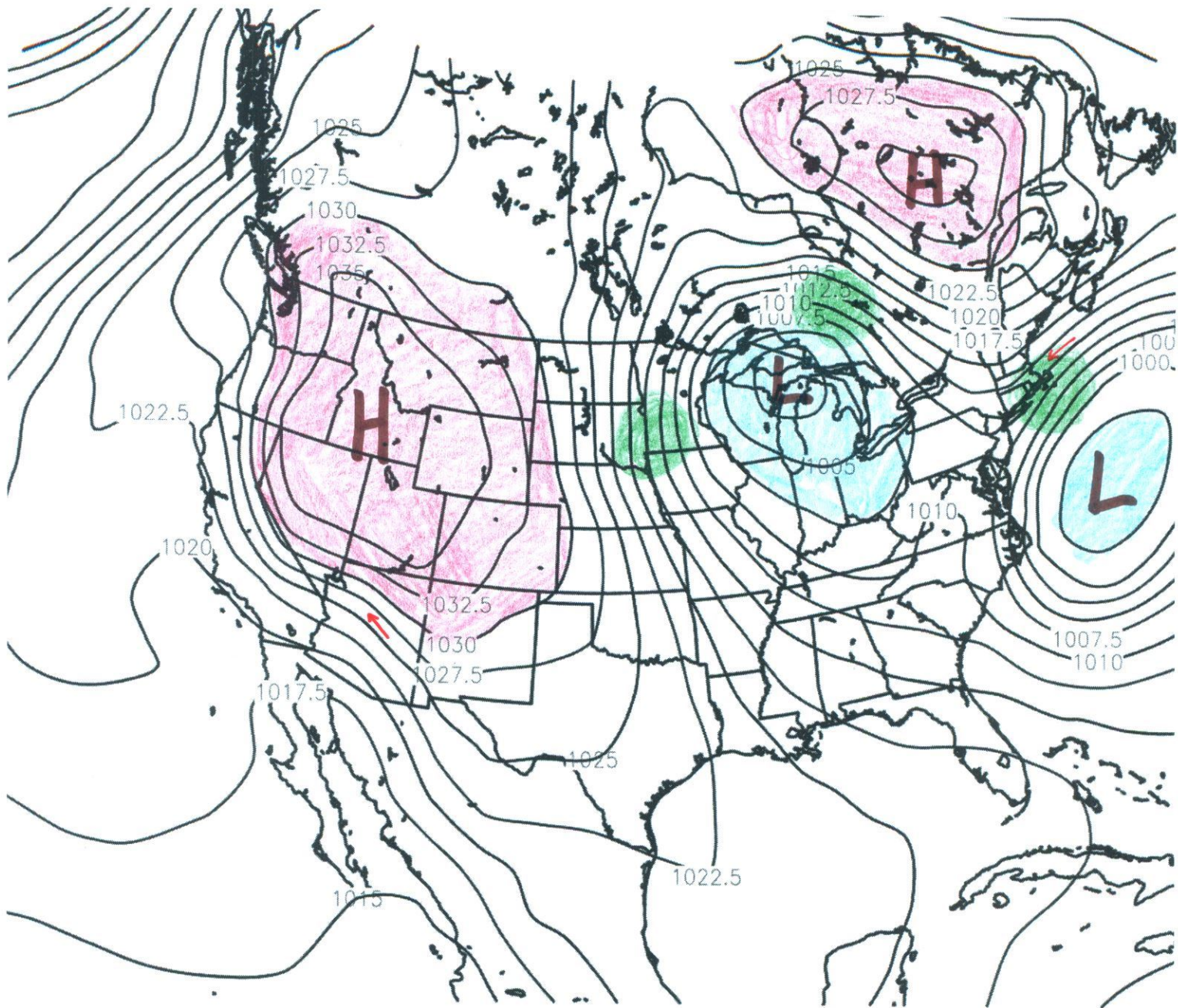


Sea level pressure map 1/25/16

1. Identify all centers of High and Low pressure by with large L and H symbols.
2. Where in this map is air sinking? Use a red colored pencil and shade in the areas where air is sinking. Don't shade beyond contours that aren't a complete loop on the map.
3. Where is it likely cloudy on this map? Use a blue colored pencil and shade in the areas where it is likely cloudy. Don't shade beyond contours that aren't a complete loop on the map.
4. Which direction is the wind blowing in the western half of Colorado? From the north
5. Draw an arrow on the map showing the direction of the wind in Tennessee.
6. Draw an arrow on the map showing the direction of the wind in southeastern Oklahoma (there is a grey dot there).
7. Using a green pencil, draw a quarter-sized circle over the area where you think the wind is blowing the hardest.

*More than one possibility.*

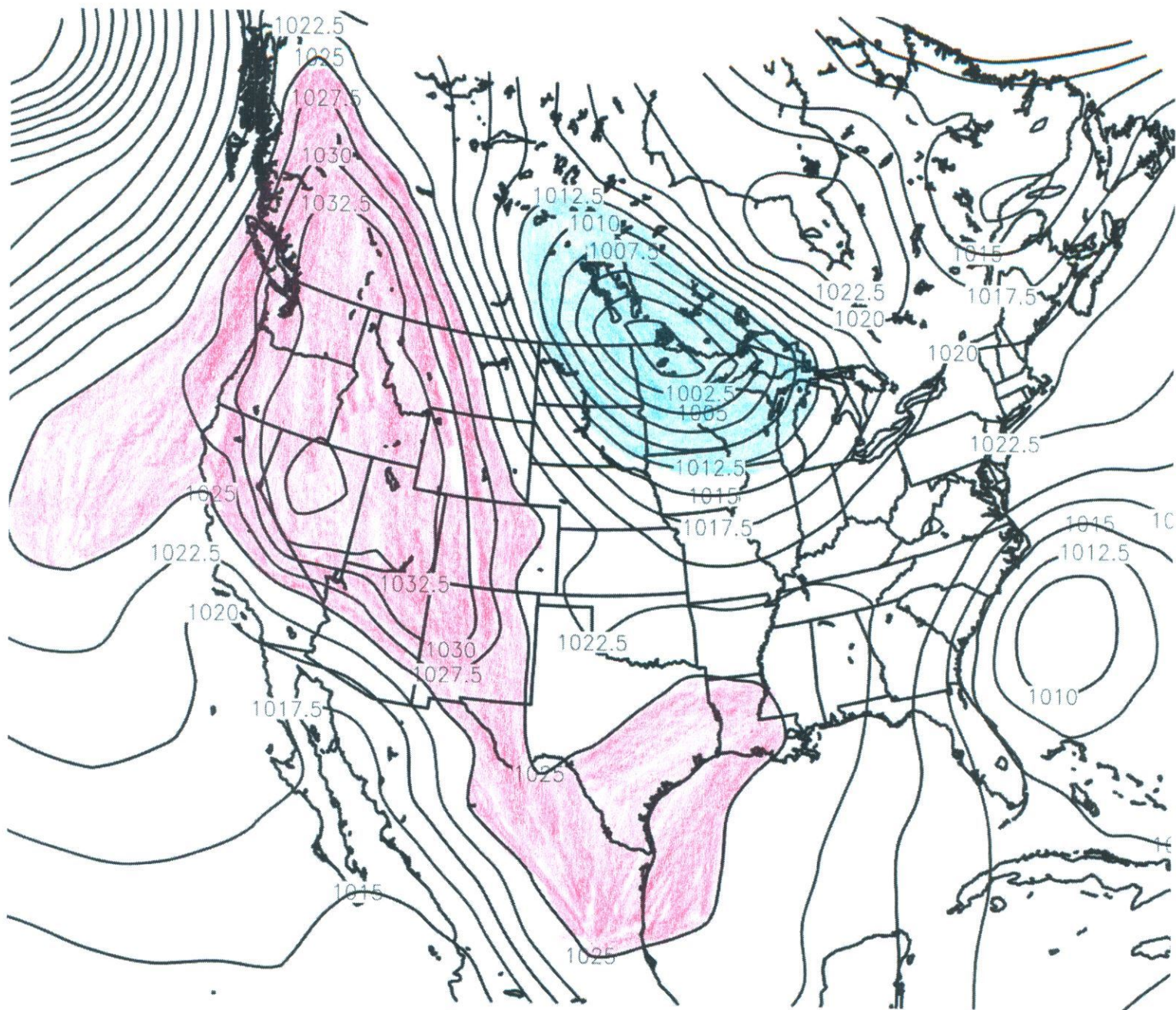




Sea level pressure map 2/8/16

8. Identify all centers of High and Low pressure by with large L and H symbols.
9. Where in this map is air sinking? Use a red colored pencil and shade in the areas where air is sinking. Don't shade beyond contours that aren't a complete loop on the map.
10. Where is air rising on this map? Use a blue colored pencil and shade in the areas where it is likely rising. Don't shade beyond contours that aren't a complete loop on the map.
11. What are the wind conditions like in Idaho? Probably calm
12. Describe the wind direction in Missouri: From the northwest
13. Draw an arrow on the map showing the direction of the wind in central Arizona.
14. Draw an arrow on the map showing the direction of the wind just offshore of Massachusetts.
15. Use a green pencil to draw a quarter-sized circle over an area where you think the air pressure gradient is the strongest. Several possibilities





Sea level pressure map 2/7/16

6. There is both a ridge and a trough across the US. Shade the ridge in red. Shade the trough in blue. For both, only shade within the portions that are within complete contour loops on the map.

7. What type of weather do you expect under the ridge? Include both sky conditions (cloudy or not) and whether you think it is not windy, light winds, moderate winds, high winds, etc. Don't worry about the wind directions.

*Clear skies. Winds are very light towards the center of the ridge (Idaho) but are stronger around the perimeter of the ridge (Montana)*

8. What type of weather do you expect under the trough? Include both sky conditions (cloudy or not) and whether you think it is not windy, light winds, moderate winds, high winds, etc. Don't worry about the wind directions.

*Cloudy with strong winds*