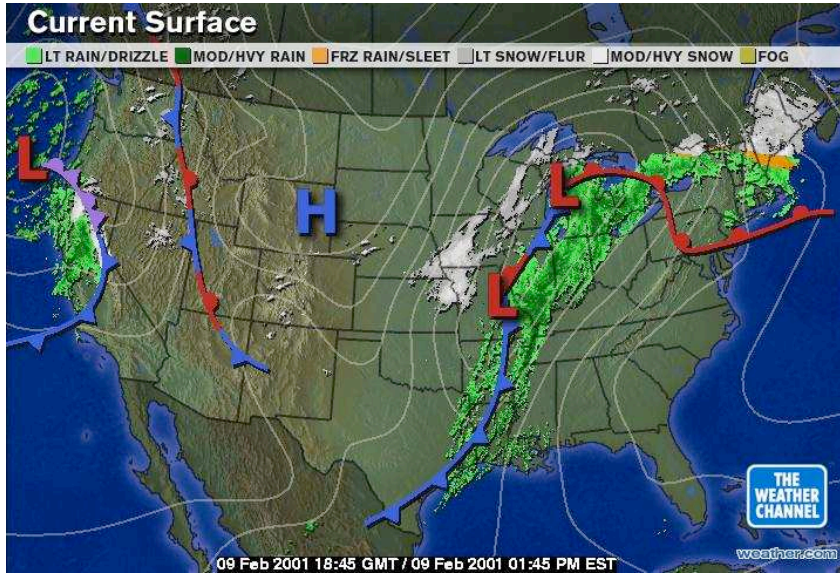Name: _____

Weather Prediction Practice...
** Use the map to answer the following questions.
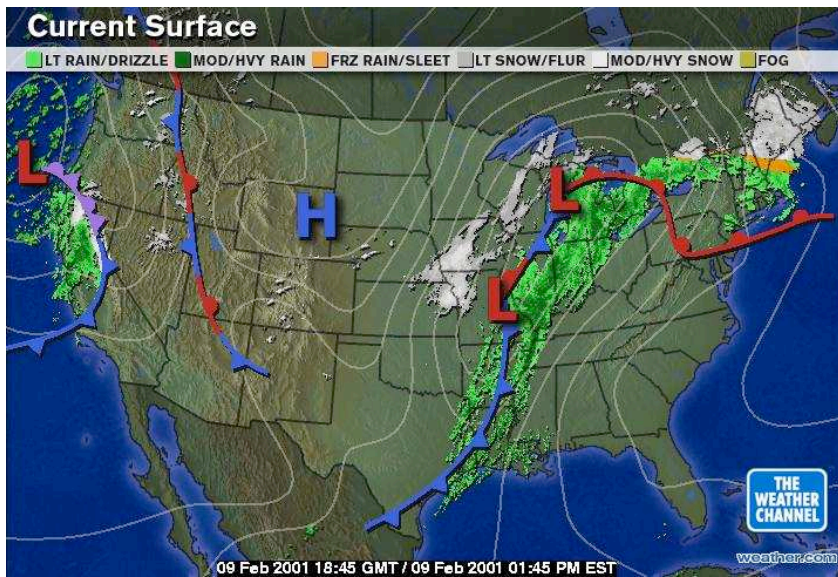

H represents:

_____

L represents:

_____

Symbol for a warm front:

Symbol for a cold front:

1. Where (name a state or two...) would the winds be strong?   EXPLAIN.

2. What kind of weather do you see around LOW pressure? WHY?

3. Where would you expect there to be clear, sunny skies? (Again, name a state or a region of the US.) EXPLAIN.

4. The arrows on the isobars show the direction the wind is coming from. How would you expect temperatures to be different in MN tomorrow? EXPLAIN.

Current Surface

LT RAIN/DRIZZLE MOD/HVY RAIN FRZ RAIN/SLEET LT SNOW/FLUR MOD/HVY SNOW FOG

09 Feb 2001 18:45 GMT / 09 Feb 2001 01:45 PM EST

Note: Same map as before, just continuing with the questions…

5. If you were forecasting *temperatures* for New York City tomorrow, how would you predict them to change? <u>EXPLAIN</u>.

6. Where would you expect the dew point temperatures to be the highest? (Name some states or the region of the US…) <u>WHY are the dew points high in those areas</u>?

7. Knowing that the "prevailing westerly" winds blow our weather from west to east – what kind of weather should people in Tennessee, Virginia, and North Carolina prepare for in the next few days? <u>EXPLAIN</u>.

8. True or False: The surface weather map (map above) shows cloud patterns.

9. True or False: The relative humidity would be at or near 100% in Illinois.

10. True or False: Weather is always completely predictable and "follows rules" exactly