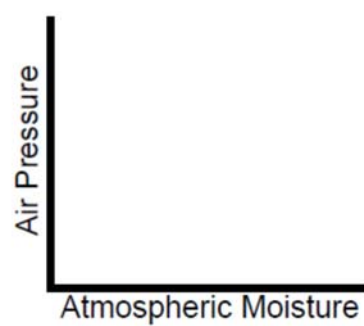
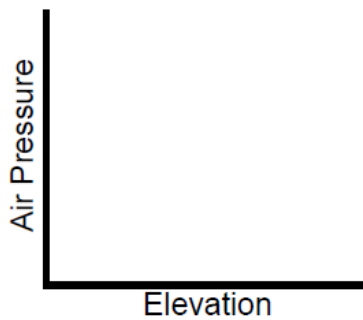
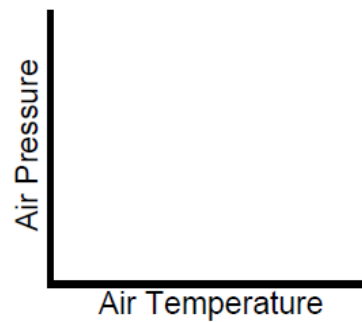
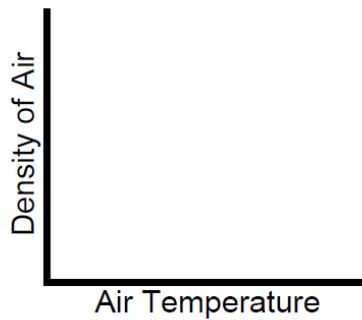


# Weather

## Tricky Topics

### **Air Density and Pressure**

*Complete each relationship graphs below with the correct line.*



# Weather in Highs and Lows

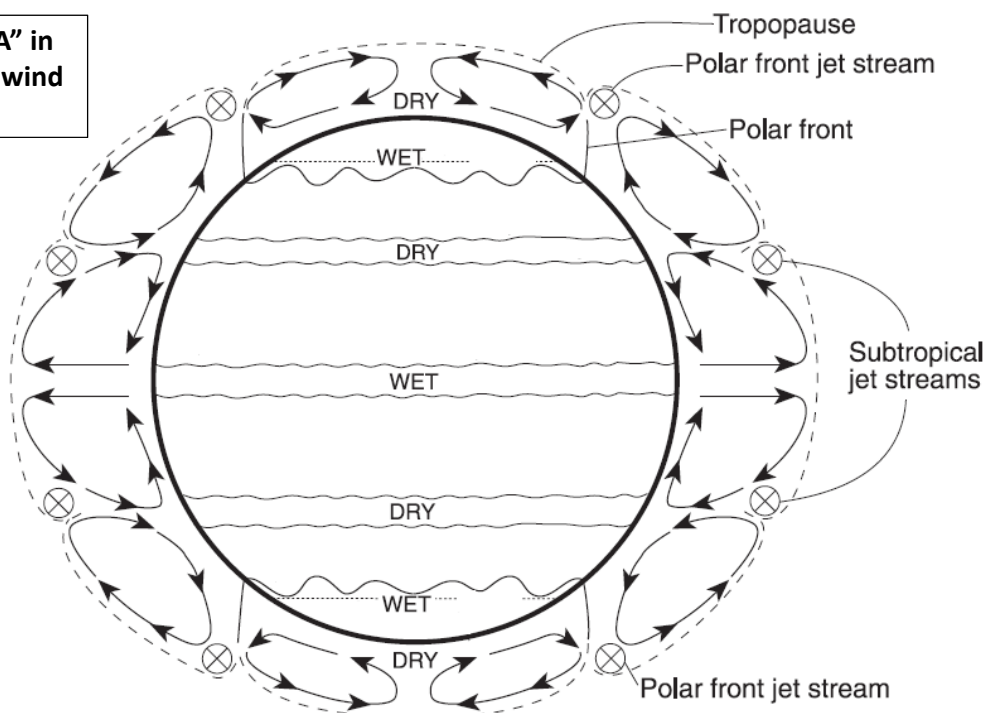
Complete the T-chart below with the correct weather conditions.

|                        | <u>WEATHER IN A HIGH</u> | <u>WEATHER IN A LOW</u> |
|------------------------|--------------------------|-------------------------|
| Cloud cover?           |                          |                         |
| Wind speeds?           |                          |                         |
| Wind rotation?         |                          |                         |
| Sinking or rising air? |                          |                         |
| Chance of Precip?      |                          |                         |
| Relative temps?        |                          |                         |

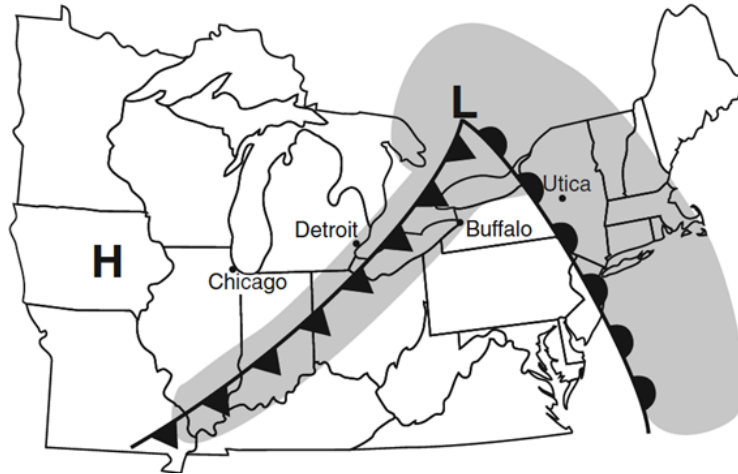
# Global Winds

Use ESRT page 14 to complete the chart below with the correct latitudes, wind belt names, and arrows showing wind direction.

**\*Label "USA" in the correct wind belt.**



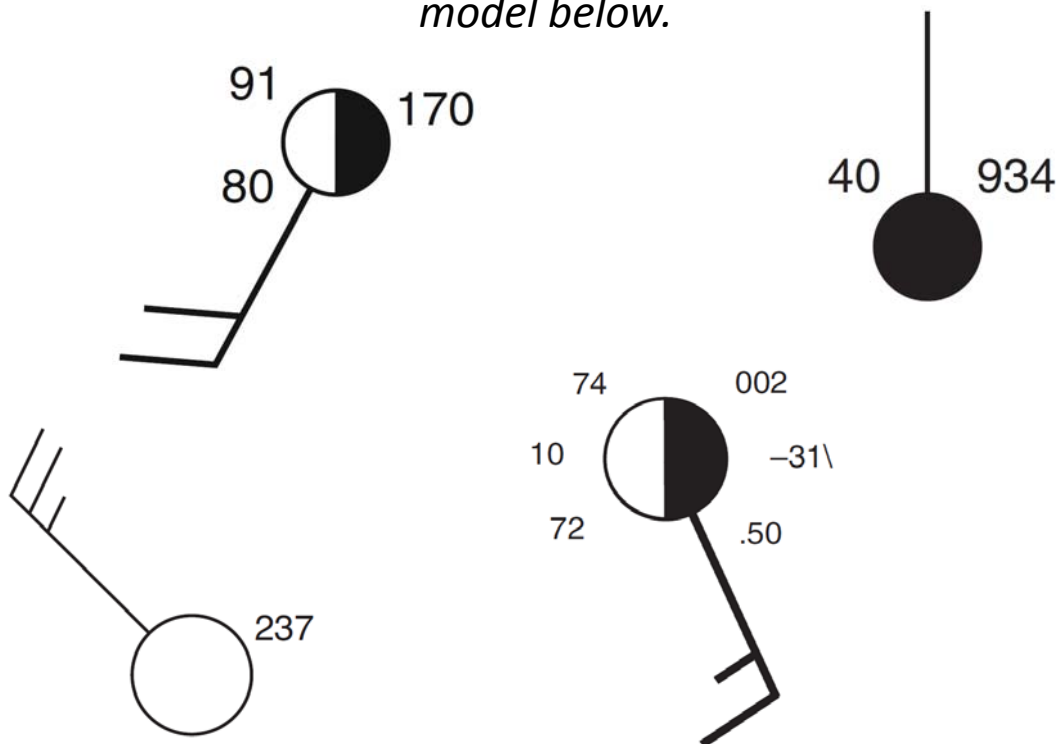
# Weather Fronts and Precipitation



1. What represents precipitation on the map above?
2. Which city is ahead of the warm front?
3. Which city is probably experiencing light precipitation?
4. Which city mostly likely has just experienced a thunderstorm?
5. Which city is probably dry?

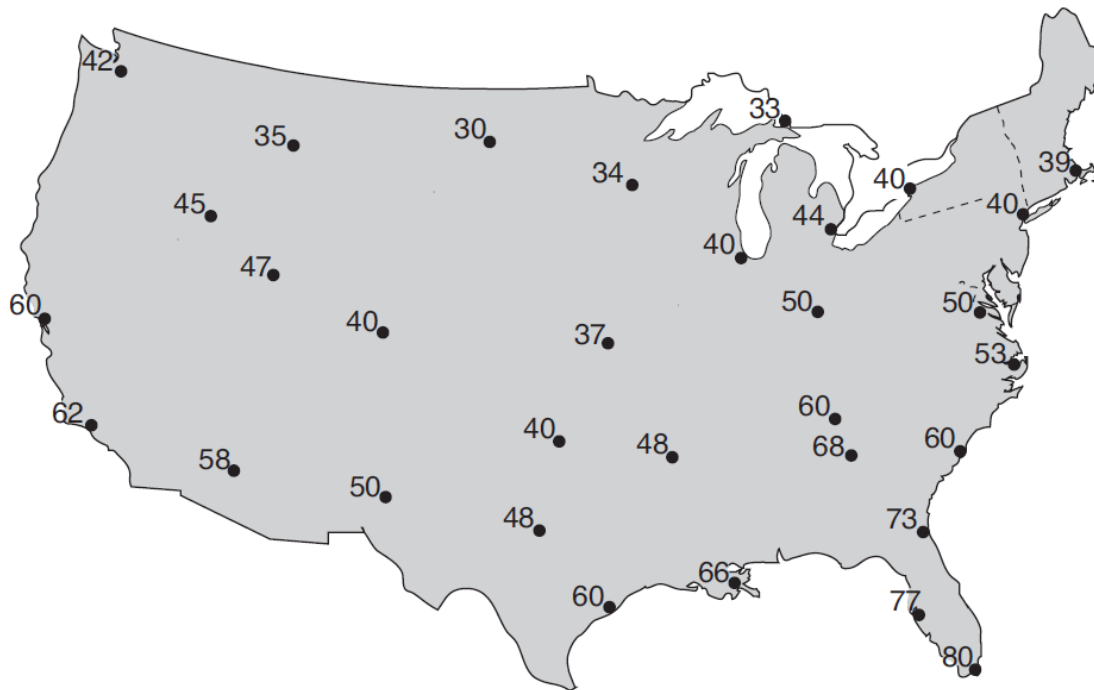
## Pressure Conversion

*Convert the air pressure to millibars for each station model below.*



# Isolines

*Draw the 40°F and 50°F isotherm line. Stop at the edge of the USA.*



# Temperature Conversion

*Convert the circled Fahrenheit temperatures below into Celsius.*

