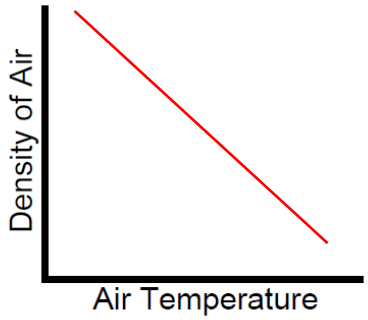
key key key key key key

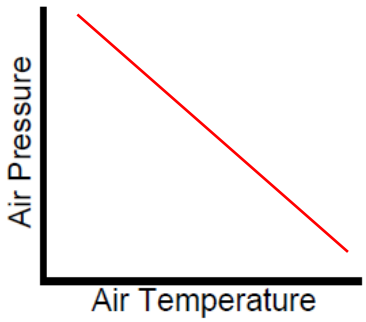
Weather

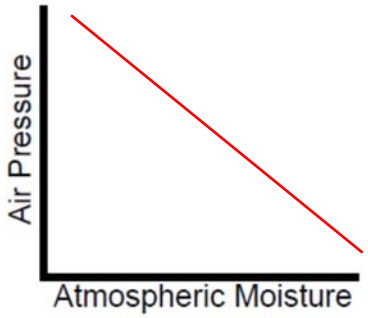
Tricky Topics

Air Density and Pressure

Complete each relationship graphs below with the correct line.







Weather in Highs and Lows

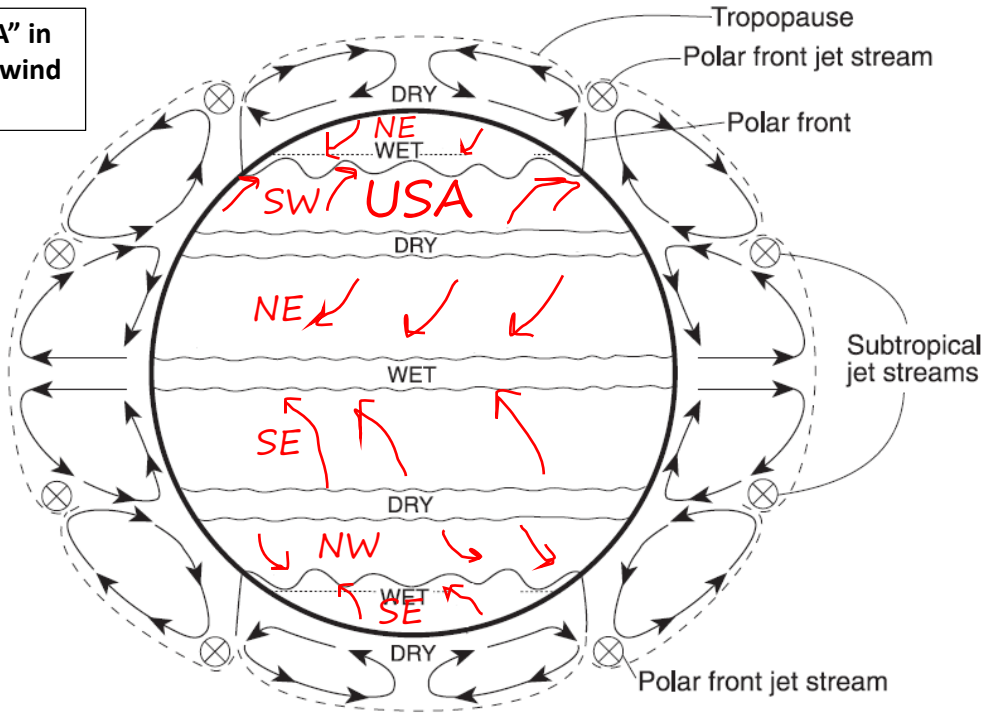
Complete the T-chart below with the correct weather conditions.

	WEATHER IN A HIGH	WEATHER IN A LOW
Cloud cover?	few clouds	lots of clouds
Wind speeds?	lower	higher
Wind rotation?	clockwise	counterclockwise
Sinking or rising air?	sinking	rising
Chance of Precip?	little chance	high chance
Relative temps?	cooler	warmer

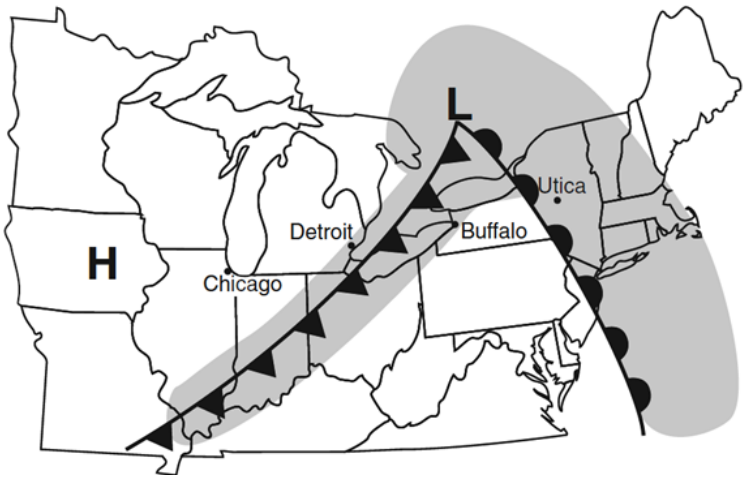
Global Winds

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.**



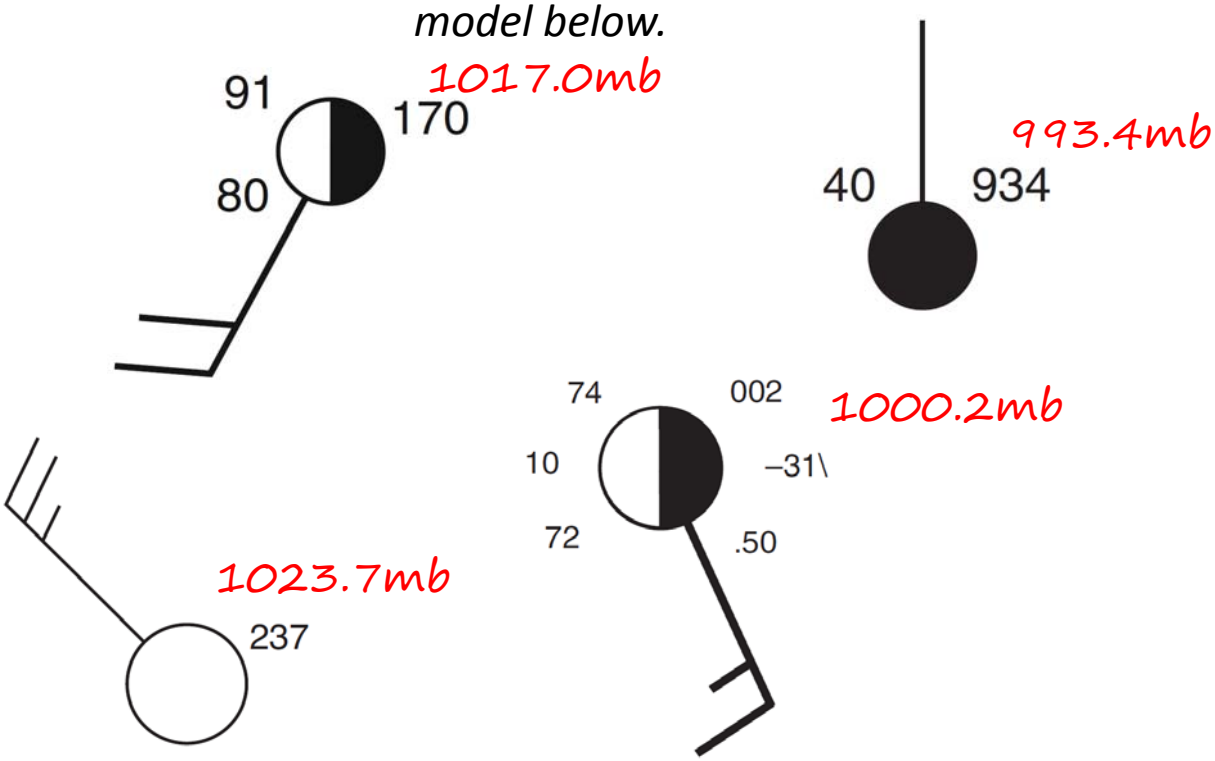
Weather Fronts and Precipitation



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

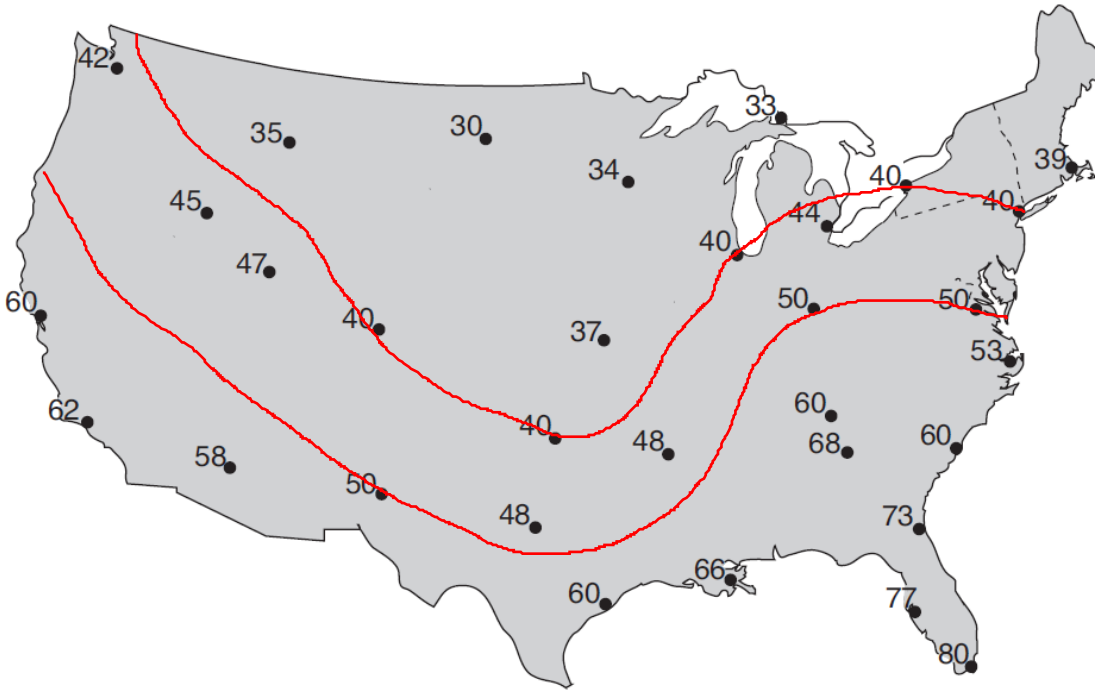
Pressure Conversion

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.