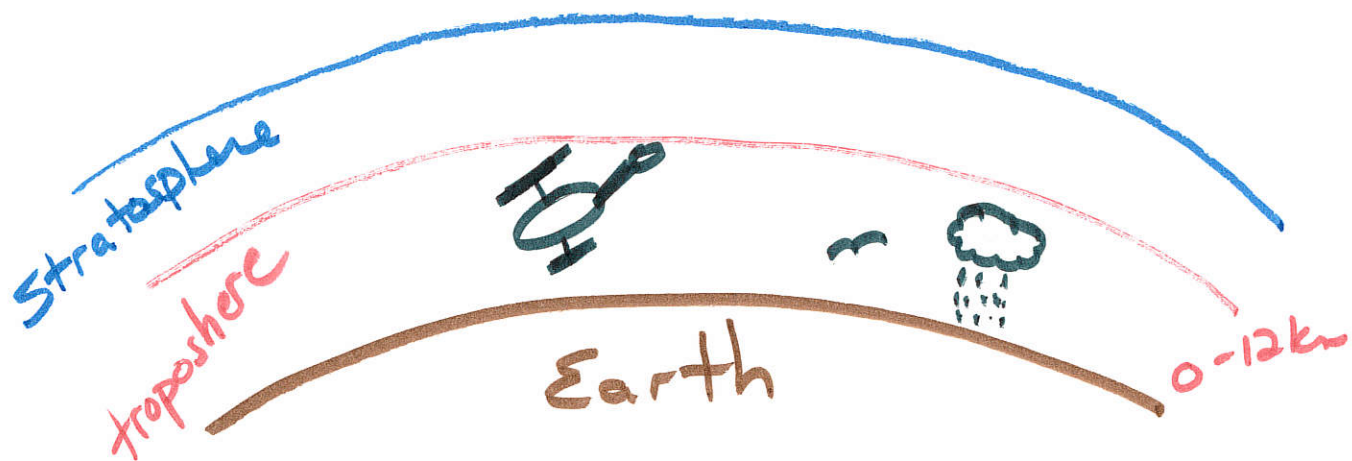


# Weather Notes

Troposphere: The layer of the atmosphere next to the earth. 0-12km  
\* All weather takes place here.



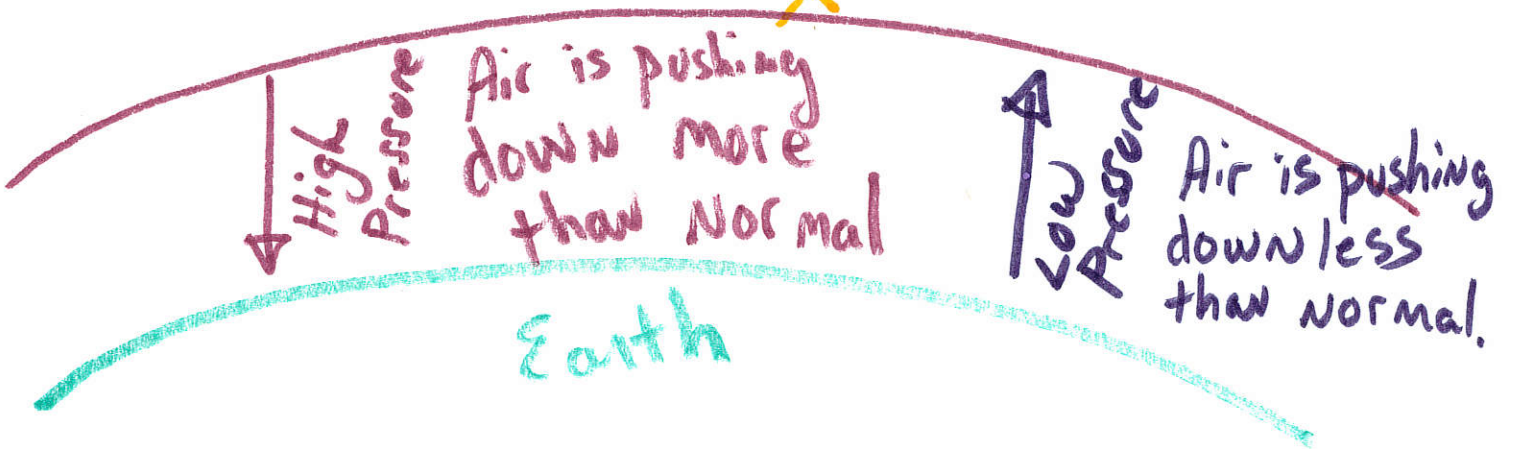
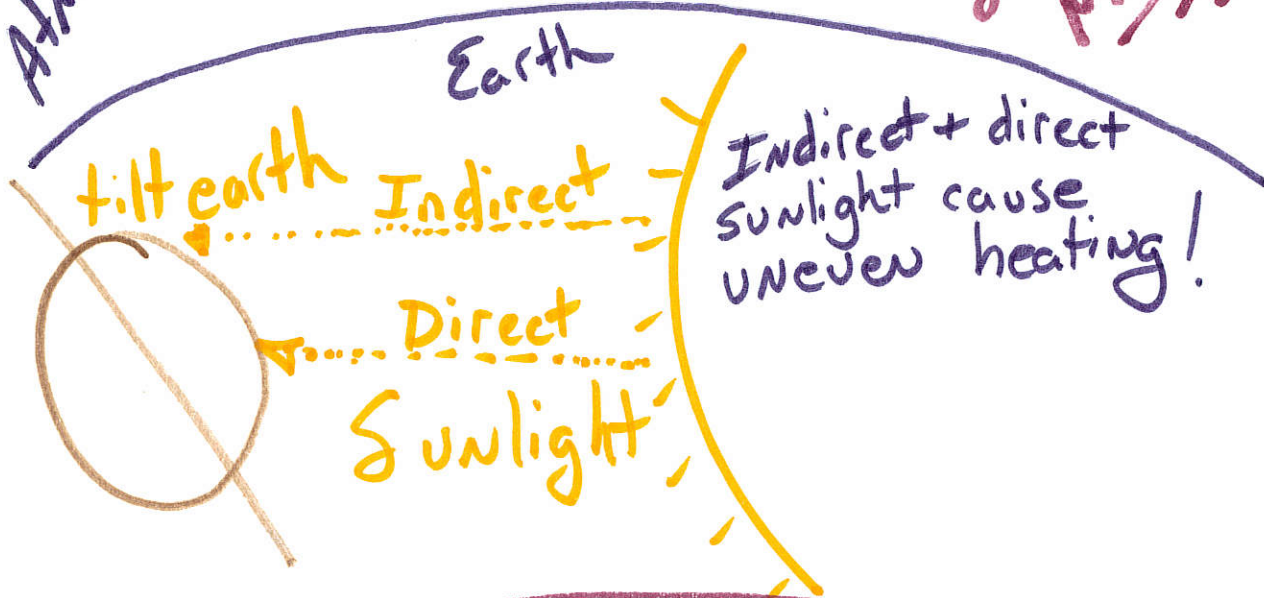
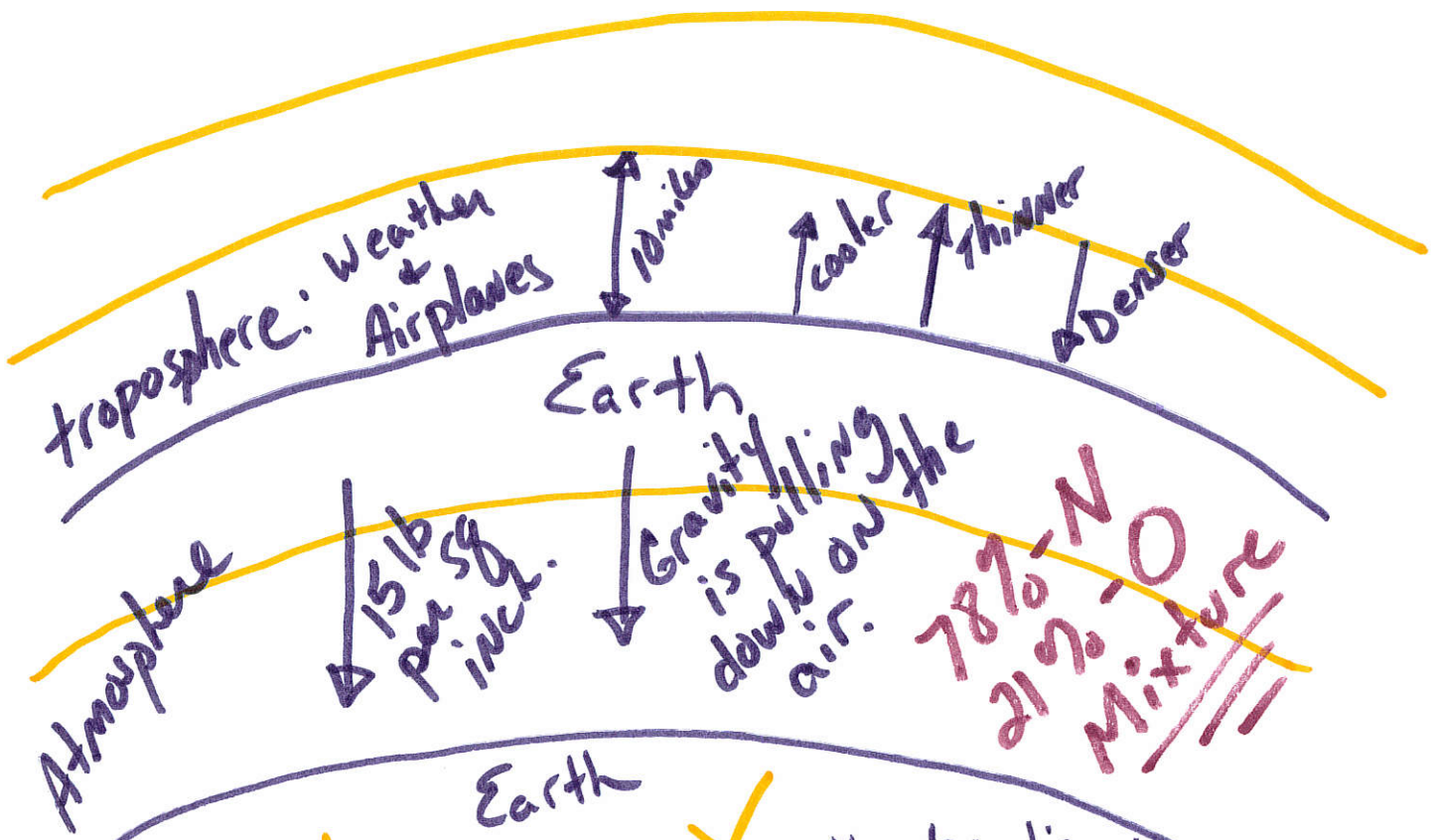
Atmosphere:  
78% Nitrogen  
21% Oxygen  
1% Other Gases (CO<sub>2</sub>)

\* The surface of the earth absorbs the sun's energy and heats up.

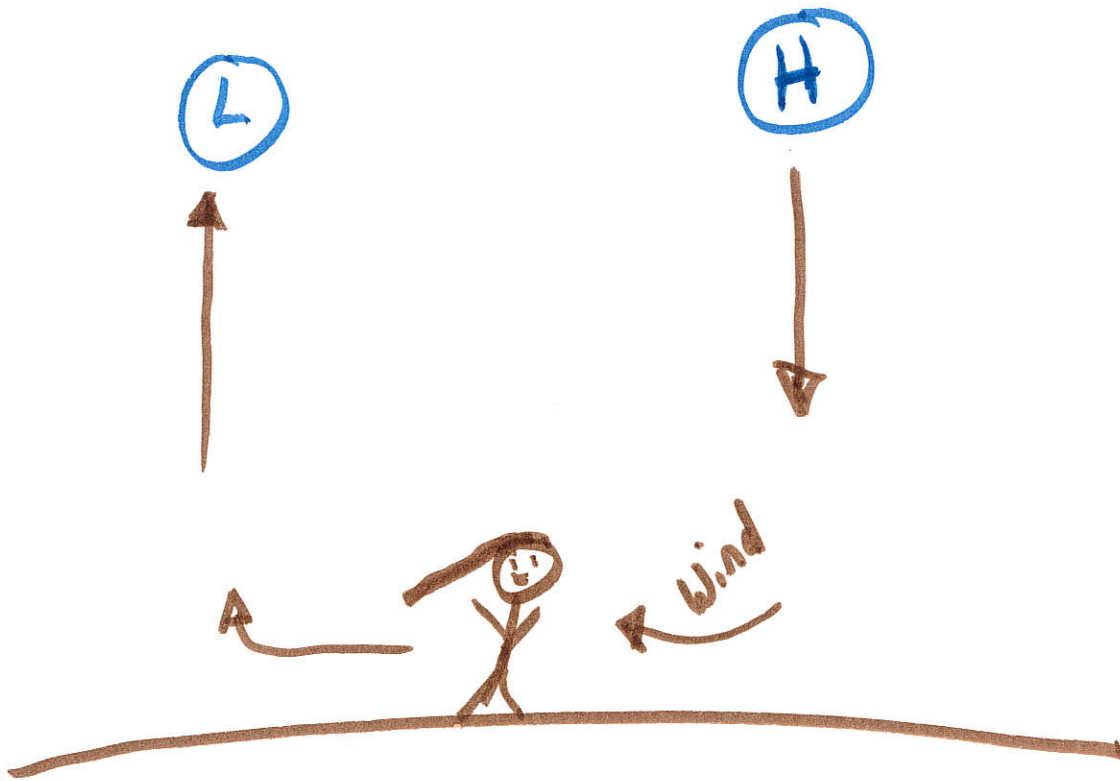


Relative Humidity: tells us how "full" the air is with water vapor. The amount is given in a % at a certain temp.  
50° at 60% is not the same as 60° at 60%.


clouds

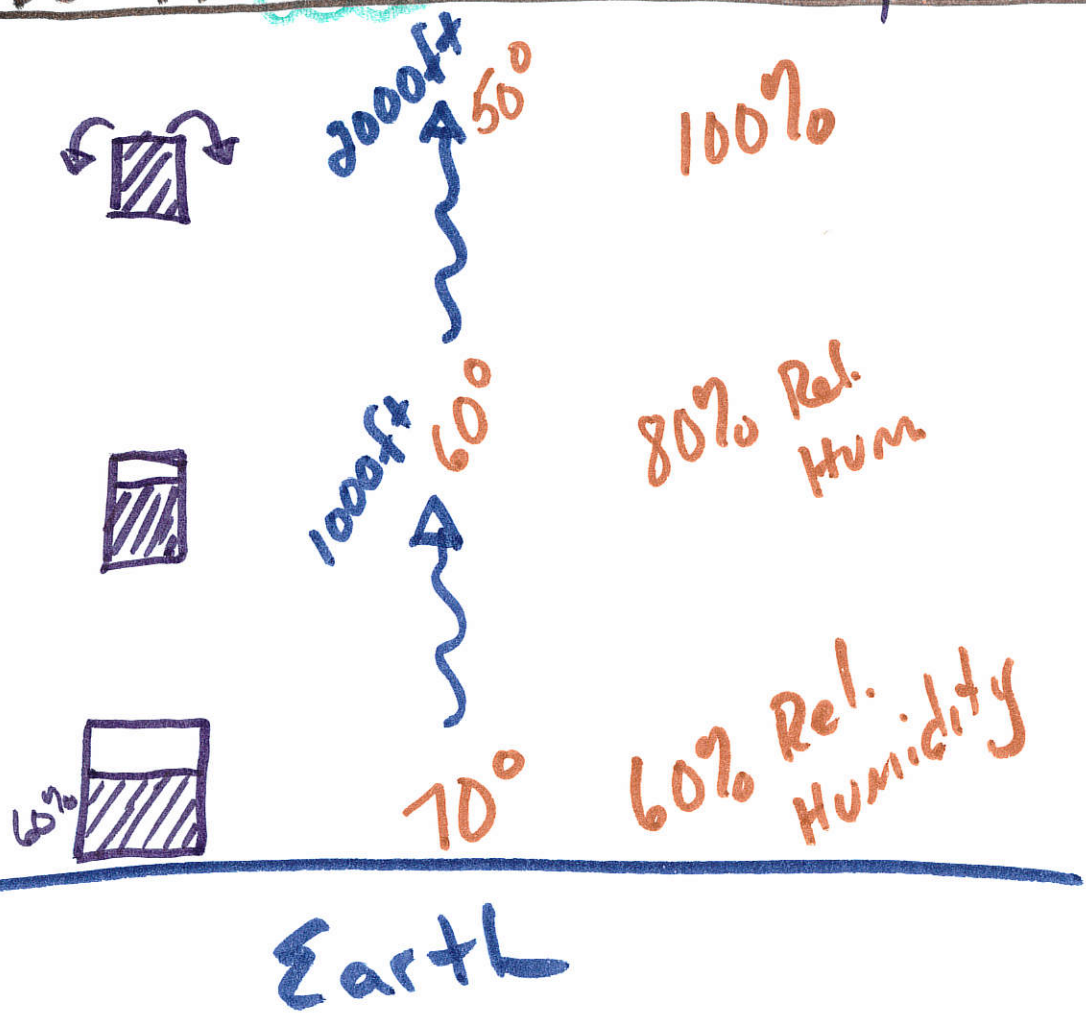


Wind: Horizontal movement of air.



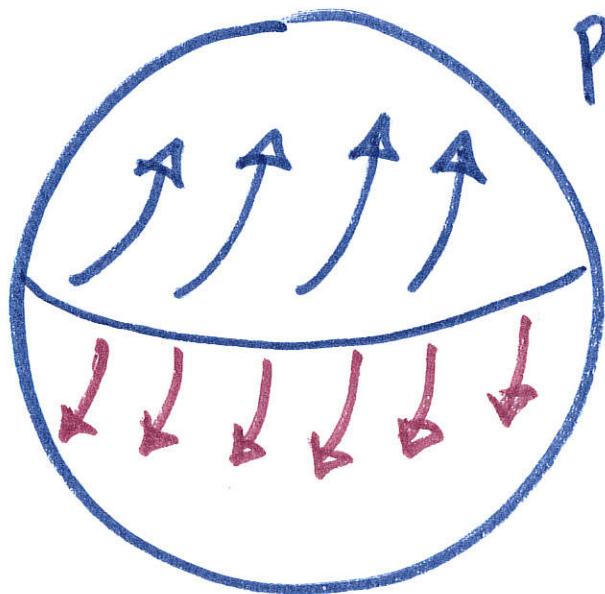
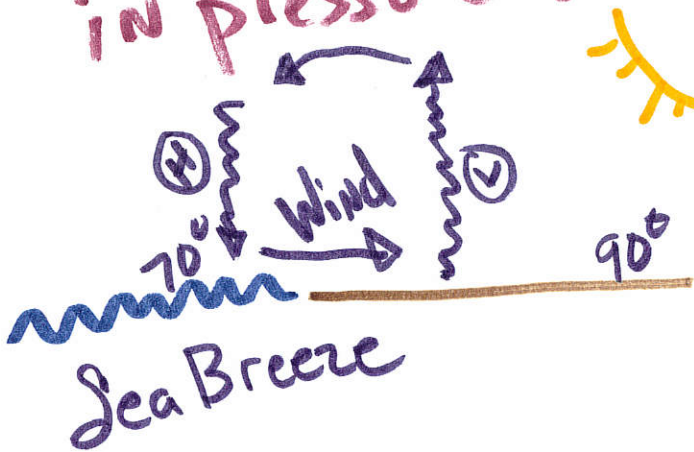
# How clouds form!

Dew Pt  Condenses to a liquid! \* Water Vapor must condense on a solid. (Pollen, Pollution, Dust)





\* Differences in temp. cause differences in pressure which causes wind.



Local Winds

\* Low in atmosphere

\* diff. direction

\* diff. speed