

Air Pressure

altitude - how high something is above Earth's surface

humidity - the amount of water vapor in the air.

Also: the opposite of this is true.

Example: Altitude - air pressure

increases with

lower altitude

Volume - a.p. increases

when volume decreases

Temp - a.p. increases with

lower temps.

Humidity - a.p. increase with

lower humidity

Variables That Can Change

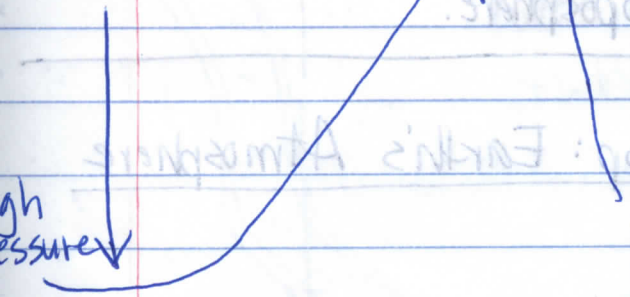
Air Pressure

altitu

humid

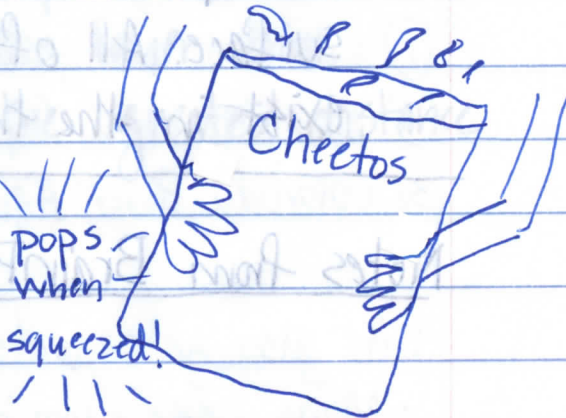
Altitude

Air pressure decreases with higher altitude



Volume

* Air pressure decreases when volume increases.

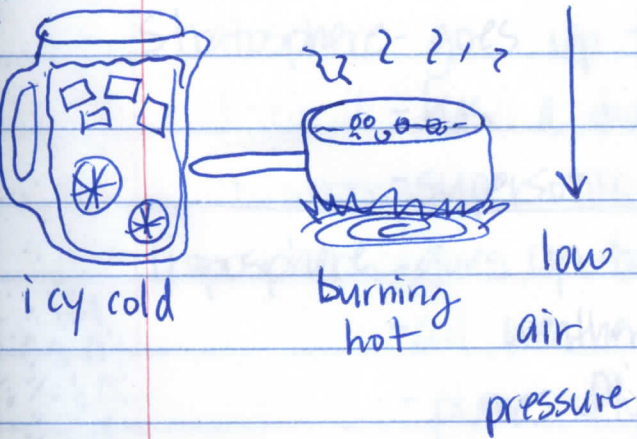


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Temperature

Air pressure decreases with higher temperatures.

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Humidity

* Air pressure decreases with higher humidity.

This mixture becomes lighter and exerts less pressure than dry air.

gray skies → ~~humidity~~