

Air Pressure

15-2

515-520

Properties of Air

- ❖ Air Pressure

- ❖ measure of weight of air pushing down on an object

- ❖ Effected by

- ❖ Altitude

- ❖ Temperature

- ❖ Humidity

Properties of Air

❖ Altitude

- ❖ Lower the altitude the more the pressure
- ❖ Higher altitude less amount air above you = less pressure

❖ Temperature

- ❖ Higher the temp = less pressure
 - ❖ hotter molecules are farther apart

Properties of Air

- ❖ Humidity

- ❖ The amount of moisture in air
 - ❖ water vapor lighter than air
- ❖ More humid the air the less the pressure
- ❖ Dryer air heavier = more pressure