



Atmospheric Pressure



- Basically weight of atmosphere!
- Air molecules are colliding with you right now!
- Pressure = $1 \times 10^5 \text{ N/m}^2 = 14.7 \text{ lbs/in}^2$!
- Example: Sphere w/ $r = 0.1 \text{ m}$
 - Spheres demo
 - $A = 4 \pi r^2 = .125 \text{ m}^2$
 - $F = 12,000 \text{ Newtons (over 2,500 lbs)!}$

Can demo