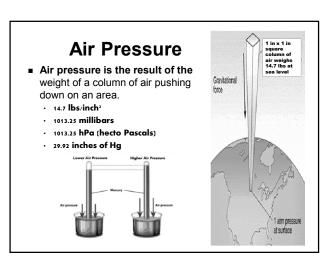
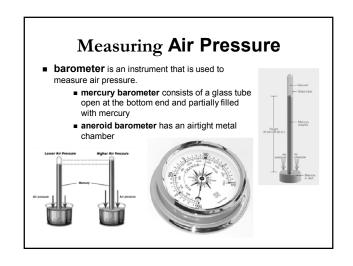
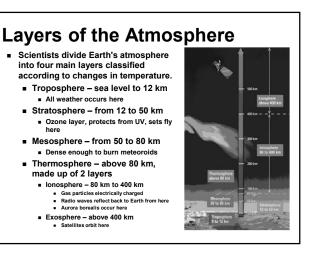
The Atmosphere

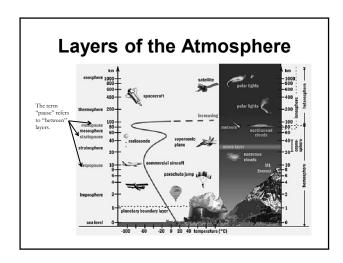
The Air Around You Earth's atmosphere is the envelope of gases that surrounds the planet. In made up of nitrogen, oxygen, carbon dioxide, water vapor, and many other gases, as well as particles of liquids and solids Weather is the condition of Earth's atmosphere Gases in Dry Air Other Gases in Dry Air Gases in Dry Air Other Gases in Dry Air Hellum 0.00015 Neon 0.00015 Nethane 0.00015 Hydrogen 0.00005





Air Pressure & Altitude ■ Elevation – the distance above sea level. ■ As altitude increases → Air pressure decreases ■ As air pressure decreases, so does density. Station B (24*C) (800 mb) (1000 mb) (1





Energy in Earth's Atmosphere

- Energy travels to Earth as electromagnetic radiation from the Sun
- EMR travels through the atmosphere & heats the surface of the Earth
- When Earth's surface is heated, it radiates most of the energy back into the atmosphere as infrared radiation.

