

Earth Science Power Point Notes (part 3)

The Water Cycle –The continuous movement of water on, above, and below Earth’s surface;Energy is provided by the sun

Evaporation-

- The process of water changing into gas
- How 90% of the water gets into the atmosphere.

Transpiration-

- Plants release water vapor through their leaves.
- How 10% of the water gets into the atmosphere.

Condensation-

- Gas changes to liquid
- Tiny droplets form larger drops
- Millions of drops form clouds.

Precipitation-

- Happens when water drops in the clouds get so large and heavy that they fall to Earth’s surface.

Weather- the state of the atmosphere at a certain time and place.

Temperature- measures heat and how fast air molecules move. (Celsius or Fahrenheit)

Air Pressure – the force exerted by air molecules in all directions.

Wind – the movement of air caused by differences in air pressure.

Humidity – the amount of water vapor in a given amount of air. High humidity means it is more likely to have clouds and precipitation.