

Chapter 16-4 Notes: Water in the Atmosphere

I. Water in the Atmosphere

- A. Water Cycle – movement of water between the Earth’s atmosphere and Earth’s surface.
- B. Evaporation– process by which water molecules in liquid water escape into the air as _____.
- C. Humidity–
- D. Relative Humidity–
- E. Psychrometer– instrument used when determining

II. Clouds

- A. Clouds form when
- B. Dew Point– temperature at which condensation of water begins
- C. Cloud formation also requires tiny particles (typically _____, dust from soil, and _____) for the water vapor to have a surface on which to _____.

III. Three Main Types of Clouds

- A. Scientists classify clouds based on their _____.
 - i. Cirrus–
 - ii. Cumulus–
 - iii. Stratus–
 - iv. Nimbus–
 - v. Alto–