

V Section V Precipitation

A. Types of Precipitation

1. Any form of water that falls to the ground
2. Rain- at least 0.5 mm in diameter
3. Sleet- Rain drops freeze into solid ice
4. Freezing Rain- Freeze when they touch a cold surface
5. Hail- ice pellets larger than 5 mm
6. Hail is formed in cumulonimbus clouds through violent up and down motion inside the cloud gaining layers each time
7. Snow- Water vapor is converted directly into ice crystals

B. Measuring Precipitation

1. Rainfall with a rain gauge- an open ended can or tube that collects rainfall
2. To increase accuracy want a larger funnel
3. Snow Is measured by a ruler

C. Controlling Precipitation

1. Droughts- long periods that are much drier than usual
2. Cloud Seeding- Reduce droughts
3. Dry ice and silver iodide are sprinkled into clouds from airplanes

4. Water condenses and it rains

5. Also used to clear fog