

## Measured Parameters

A brief description of each parameters follows:

### PRECIPITATION

Daily measurements are made of rainfall, depth of snow, water equivalent of snow, sleet, and other forms of precipitation. Records are kept of the character, type, and time of occurrence. Each station is normally furnished with either a nonrecording (standard 8 inch), a recording weighing-type gage (either Universal or Belfort), or both.

### AIR TEMPERATURE

Air temperature measurement is made with a liquid-in-glass maximum and minimum thermometer mounted in a Cotton Region Shelter (CRS) or an electronic thermistor based Maximum, Minimum Temperature System (MMTS) mounted in a small "beehive" like structure. Maximum, minimum, and current air temperatures are taken and recorded daily.

### EVAPORATION AND WIND MOVEMENT

Daily measurements are made of the evaporation amount from an open, freely exposed pan. Measurements are made of wind movement over the pan, maximum and minimum temperature of the water, and at some stations, wet-and dry-bulb temperatures of the air.

### SOIL TEMPERATURE

Selected stations record the soil temperature daily. The stations are provided with thermometers or sensing elements located in and under undisturbed bare or grass covered soil at selected depths.

### AGRICULTURAL DATA

At selected stations, observers forward weekly reports containing the effect of weather on crops and a description of current farming operations in the locality.