



Weather Watch Procedures

Purpose: Record the local weather data at least once a day and more often during a storm. You will record the air temperature, minimum and maximum air temperatures for the day, relative humidity, barometric pressure, wind speed and direction, amount of rainfall, amount of cloud cover, and type(s) of clouds. Your teacher will explain how to take these measurements.

Materials:

- Weather Watch Field Data sheet
- Watch or clock
- Thermometer
- Minimum/maximum thermometer
- Hygrometer (or sling psychrometer)
- Barometer
- Anemometer
- Weather vane (or compass)
- Rain gauge
- Cloud identification chart

Procedures:

1. On your Weather Watch Field Data sheet, record:
 - Current time
 - Minimum and maximum air temperatures.
 - Current air temperature
 - Relative Humidity
 - Barometric pressure
 - Wind speed
 - Wind direction
 - Amount of rain in the rain gauge
 - Percent of the sky that's covered with clouds
 - Type(s) of clouds that you can see
2. Each day, record this information on your data sheet so that you have a record of the weather conditions over a long period of time.