

Use Case U1: View the Latest Measured Weather Data**Scope:** Weather Station**Level:** User Goal**Primary Actor:** User**Scenario:** View Temperature Data**Related Use Cases:** U2: *The User shall have the ability to select different types of Views in viewing the Measured Weather Data*U4: *The User shall have the ability to choose the Units to view the Current Weather Data***Stakeholders & Interests:**

- User: Who wants to view the Temperature Data

Preconditions: The Thermometer is online and measuring.**Success Gurantees:** The User views the current Temperature Data.**Main Success Scenario:**

| User | System |
|---|--|
| 1. Request to view the Temperature Data | |
| | 2. Displays the Temperature Data in the currently requested units |
| | 3. Displays the Time (Day, Date, Time, Time Zone) of the Temperature Measurement |

Extensions:

1a. If the view of the System is already displaying the Temperatue data, then the System will take no action.

1b. If the System is not running, then User will start the System first to view the Temperature Data.

2a,3a. If the Temperatur Sensor is not working, the then System alerts the User of the Issue.

Frequency Of Occurence: Depends upon the Measurement Frequency set in the System.**Open Issues:**

- What if the Thermo Sensor is broken? Does the System continue to collect/measure the other Weather Data?