

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

- User: Who wants to view the Humidity Data

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

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

Extensions:

1a. If the view of the System is already displaying the Humidity 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 Humidity Data.

2a,3a. If the Hygrometer 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 Hygromenter is broken? Does the System continue to collect/measure the other Weather Data?