

**Use Case U1: View the Latest Measured Weather Data****Scope:** Weather Station**Level:** User Goal**Primary Actor:** User**Scenario:** View Barometric Pressure 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 Barometric Pressure Data

**Preconditions:** The Barometer is online and measuring.**Success Gurantees:** The User views the current Barometric Pressure Data.**Main Success Scenario:**

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

**Extensions:**

1a. If the view of the System is already displaying the Barometric Pressure 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 Baroemetric Pressure Data.

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