

Use Case U4: Chose the Units to view the Current Weather Data**Scope:** Weather Station**Level:** User Goal**Primary Actor:** User**Scenario:** Chose Units for Temperature, Dewpoint, Heat Index Data**Related Use Cases:** U1: *The User shall have the ability to view the Latest Measured Data***Stakeholders & Interests:**

- User: Who want to view the Temperature, Heat Index, Dew Point in Degrees Fahrenheit, Celsius, Kelvin

Preconditions: The Application is started. The Weather Station is online. The Thermometer is online and measuring. The Hygrometer is online and measuring. The Temperature, Dew Point or Heat Index Data is currently being viewed (*See Use Case 1: View the Latest Measured Weather Data*).

Success Gurantees: The System displays the Temperature, Heat Index, Dew Point in the User Requested Units (Degrees Fahrenheit, Celsius, Kelvin).

Main Success Scenario:

User	System
1. Chose the Units (Degrees Fahrenheit, Celsius, Kelvin) to view the Temperature, Heat Index, Dew Point Data	
	2. Displays the Current Units (Degrees Fahrenheit, Celsius, Kelvin) for the Current Measurement (Temperature, Heat Index, Dewpoint)

Extensions:

*a. If the data is not accurate due to Sensors being offline, then the System will alert the the User of the issue.

2a. If the view of the System is already displaying the requestd Units, then the System will take no action.

Frequency Of Occurence: Almost constant.

Open Issues: None