



WeatherTree™

Rain Bucket



Temperature and Humidity Housed by Solar Radiation Shield

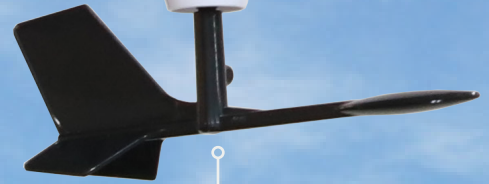
UV and Solar Radiation Sensor



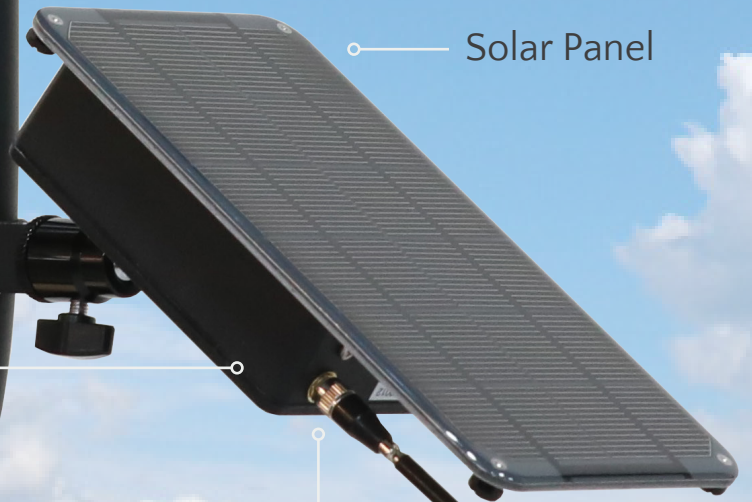
Wind Anemometer



Wind Vane



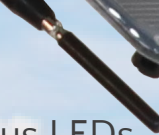
Solar Panel



Barometric Pressure, LTE Radio, Battery



Power Switches, Status LEDs



# Highland Ag Solutions

## WeatherTree™ Wireless Weather Station Specifications

### Temperature Sensor

Range: -40°C to 60°C (-40°F to 140°F)  
Accuracy: ± 1°C  
Resolution 0.1°C

### Relative Humidity Sensor

Range: 0 to 100%  
Accuracy: ± 5%  
Resolution 1%

### Barometric Pressure Sensor

Range: 500 to 1100 hPa  
Accuracy: ± 0.4 hPa

### Rain Bucket

Accuracy ± 10%  
Resolution: 0.254mm (0.01")

### Wind Anemometer

Range: 0 to 160 kph (0 to 100 mph)  
Accuracy: ± 10%

### Wind Vane

Range: 0 to 359°  
Resolution: 1°  
16 Cardinal Directions: N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW

### UV Sensor

Range: Index 0 to 13  
Accuracy: ± 15%

### Solar Radiation Sensor

Range: 0 to 1580 w/m<sup>2</sup>  
Accuracy: ± 15%

### Wireless Connectivity

Cellular LTE Cat M1

### Power Supply

3.7 Volt / 1100 mA Hours LIPO Battery  
3.5 Watt Solar Panel

### Water Proof Level

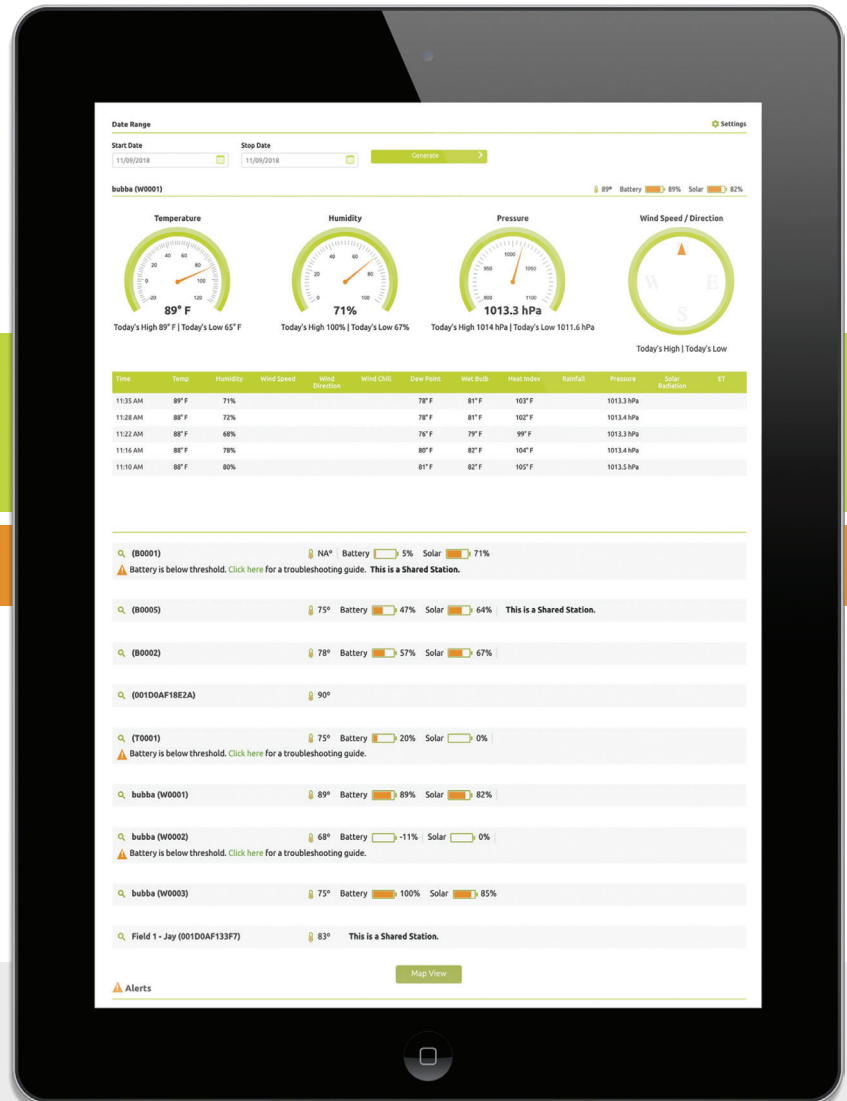
IPX3

Hub Weather Station App  
Access weather stations  
remotely with your device

HighlandHasIt.com

For further details or to request a  
demonstration, contact:

Taylor Pippin  
Highland Ag Solutions  
Cell: 813-731-6244  
tpippin@highlandag.com



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Highland Ag Solutions is Highland Precision Ag, Highland Fresh Technologies and Coastal Ag Supply  
590 NW 3rd Street, Mulberry, FL 33860 USA | 863-844-4263 | info@highlandag.com | highlandagsolutions.com