

## V16 FAQs

We are weather enthusiasts like you and know proper running equipment is important. These FAQs provide valuable information on setup, positioning, and troubleshooting your station.

We recommend Adobe Reader version 10 or greater available at: <http://get.adobe.com/reader>

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**GENERAL INFORMATION**  
**LA CROSSE VIEW APP: HOW DO I CONNECT?**

**MOBILE DEVICE REQUIREMENTS**

**iOS Requirements:**

Mobile device with iOS with cellular or Wi-Fi service

## ANDROID Requirements:

Mobile device with Android OS with cellular or Wi-Fi service

## ANDROID OS12 Wi-Fi Connection:

Because of the Wi-Fi connection setting updates native to Android OS12, you may need to use an alternate method to get your La Crosse Technology display connected to your Wi-Fi network. A full list of possible solutions and updates can be found on our support page here: [https://bit.ly/os12\\_wifi](https://bit.ly/os12_wifi)

**Please Note:** This is just for the Wi-Fi connection process. The La Crosse View app and all its amazing features are fully functional on Android devices running OS12.


## DOWNLOAD

Visit the App Store or Google Play Store to download the free La Crosse View app onto your mobile device.

## LAUNCH & FOLLOW

Open the La Crosse View app and follow the on-screen instructions.

## GET YOUR STATION READY

Ensure your station's Wi-Fi Indicator  is flashing. If it is not, press and hold the SET and Plus (+) button down together until it begins flashing. This tells you that your station is ready to connect.

## HAVING TROUBLE CONNECTING?

Make sure your mobile device is connected to your router's separate 2.4GHz Wi-Fi network, and that you have correctly entered your Wi-Fi password.

For more troubleshooting tips and support visit:

[www.lacrossetechnology.com/lacrosseviewsupport](http://www.lacrossetechnology.com/lacrosseviewsupport)

When connecting your station, we highly recommend following along with our detailed support videos, found here:

[Bit.ly/LaCrosseView Support Playlist](https://bit.ly/LaCrosseView_Support_Playlist)

## ARE THERE OTHER CONNECTION OPTIONS?

**WPS Option:** If you followed the instructions in the app and cannot connect your station to the app, you can try connecting via WPS if your router has a WPS button.

1. Activate WPS on your router. This can be done using a dedicated WPS button on the router itself and/or through your router's app or browser-based admin panel. Please consult your router's manual for specific instructions as these can vary by model.

Once WPS is activated on your router, you will typically have about 2 minutes to complete the next step.

3. On your La Crosse Technology display, press and hold down both the SET and MINUS (-) buttons together for about 5 seconds. You should hear a beep and the display will enter WPS mode, allowing it to connect to your router automatically.
4. After this process is initiated, your router should begin communicating directly with the La Crosse Technology display. If successful, you should notice updated Internet time, date, and weather forecast information as well as a solid Wi-Fi Indicator shortly after the display connects.

## HARDWARE: SENSORS AND STATION

**Your V16 station comes with:**

**LTV-TH2i:** Temperature/Humidity Sensor

**LTV-D2:** Bonus Station

## WHAT ARE THE POWER REQUIREMENTS FOR THIS STATION?

**LTV-TH2i:** 2 “AA” batteries.

**LTV-D2:** 2 “AAA” batteries.

**V16:** 5 volt power cord (required) and CR2032 batteries for backup of your time and date. Battery operation only will not update sensor or Wi-Fi data. Power cord is required.

## SETUP AND MOUNTING

### SETUP: HOW DO I SETUP MY STATION?

**Your station is a fully functional standalone station.**

1. Insert 2 “AA” batteries into the LTV-TH2i sensor.
2. Insert 2 “AAA” batteries into the LTV-D2 bonus station.
3. Install 5 volt power cord into outlet, and into the V16 station. Remove the insulation tab from the CR2032 battery in your station.
4. Let sensor and station sit within 10 feet of each other for several minutes to lock the sensor signal to the display.

Once the sensor is connected, you can choose to connect to the La Crosse View™ app or continue to use as a standalone station. You can always connect later if you choose.

## MOUNTING: WHERE DO I MOUNT/POSITION MY SENSORS?

Your sensor reads independently to your station.

**LTV-TH2i:**

- Place your thermo-hygro sensor at least 6 feet off the ground.
- For accurate temperature readings your sensor needs to be shaded from the sun in a well vented area.
- Mount your sensor vertically to allow moisture to drain out the bottom.
- Preferred location is on a north facing wall under an eave or deck rail.

- Avoid placing near a metal roof that will cause it to read high on sunny days.
- Avoid other sources of heat such as soffit vents, and window or door frames.
- For accurate humidity readings, avoid placement near vegetation and lakes or other bodies of water when possible.
- Place your sensor in a well-vented area. Trapped moisture will cause inaccurate readings.
- Maximum transmission distance from your thermos-hygro sensor to your station, in open air is 400 feet (121.92meters).
- Insert the mounting screw through the front of the transmitter and into the wall. Tighten the screw to snug (do not over tighten).

## WHERE TO I PLACE MY STATION?

Your V16 station is designed for flexible placement on a desk or countertop, or to position on the wall. When the stand is closed, it provides wall mounting holes. You LTV-D2 bonus station will sit on a desk or countertop.

- Position within reach of an outlet that is always active. Some outlets in living rooms and in bedrooms may only be active when the light switch is on.
- This station must operate with the 5 volt power cord to receive sensor updates and/or to update Wi-Fi data when connected. Operation on battery power will only maintain time/date settings if you need to move your station.
- Best reception occurs when only one wall is between your station and each sensor outside.
- Position you station six feet from other electronics and wireless devices. If you suspect RF (radio frequency) interference, simply move your weather station a few feet.

## WHAT IS DISTANCE | RESISTANCE | INTERFERENCE?

### Distance:

- The maximum transmitting range in open air is over 400 feet (121.92 meters) between the sensor and your station.
- Consider the signal path from your station to each sensor as a straight line.
- Consider the distance the station is from other electronics in the home.

### Resistance:

- Each obstacle: walls, windows, vegetation, stucco, concrete, and large metal objects will reduce the effective signal range by about one-half.
- Mounting your sensors on a metal fence can significantly reduce the effective signal range.

### Interference:

- Consider electronics in the signal path between the sensors and your station.
- Simple relocation of the sensors or the station may correct an interference issue.
- Windows can reflect the radio signal.
- Metal will absorb the RF (radio frequency) signal.
- Stucco held to the wall by a metal mesh will cause interference.
- Transmitting antennas from: ham radios, emergency dispatch centers, airports, military bases, etc. may cause interference.
- Electrical wires, utilities, cables, etc. may create interference if too close.


## WEATHER STATION READINGS


### WHAT IS THIS EXTRA SENSOR AREA?

**Explanation:** The Extra Sensor area is a place to show up to 4 additional, compatible, sensors on the station itself. These sensors will share space with the Pressure Reading. These sensors may also be scanned to your La Crosse View App.

If you do not have or want additional sensors, this area will show you the Barometric Pressure from your weather station's internal Pressure Sensor.

**Optional Extra Sensors:** Up to 4 additional Thermo-Hygro, Wind Speed, Water Leak, Pool, BBQ, or any combination of these sensors can read to the EXTRA SENSOR area of your display. Simply press and release the EXTRA SENSOR button to view these sensors or turn on Auto Scroll.

**Cycle Mode (Autoscroll)  :**

**Auto-scroll:** Press the EXTRA button to toggle through sensors. The last item will show AUTOSCROLL, and the icon . If the user cycles through again and Auto-scroll is off, you will just see the first sensor connected, then toggle through Pressure and the other sensors as usual.

**Note:** Not all sensors will read to the station. Be sure to check the chart to see if a sensor can read to the app only, or both station and app.

### HOW DO I ADD EXTRA SENSORS TO MY STATION?

1. Hold the EXTRA SENSOR button 3 seconds, to add a sensor to the station.
2. Install batteries in the sensor, and if the sensor has a TX button, press the TX button to force a signal.
3. Allow up to 3 minutes to view sensor and ID on station.  
**Note:** Once sensor is found the search will stop. Sensor, ID, and type will show for 3 seconds then return to normal display.
4. Scan sensor bar code ID so it will read in the La Crosse View app.
5. Added sensors will be available for display in Extra Sensor area of station.

### HOW DO I DELETE EXTRA SENSORS FROM MY STATION?


1. Press and release the EXTRA SENSOR button until you see the sensor and ID you wish to delete.
2. Hold the MINUS (-) button for 3 seconds to delete this sensor. The sensor readings and ID will show dashes.
3. Sensor will no longer show in the Extra Sensor area.

### HOW DO I ADD SENSORS TO MY APP?

Open your La Crosse View app to add sensors. Watch the video for adding devices to the La Crosse View app: [http://bit.ly/LaCrosseView\\_Support\\_Vid\\_10](http://bit.ly/LaCrosseView_Support_Vid_10)

1. From Main Menu - select “Devices” under “Add/Edit”
  2. On Edit Devices page - select “ADD DEVICE”
  3. Scan Device ID - Scan the bar code on your sensor or choose “ADD MANUALLY” to type in the number on the bar code. Select “CONTINUE”.
  4. On Confirm Device page - Confirm the sensor image and select “YES”
  5. On Enter Device and Location Name page - enter Device Name and select a location or enter a Location
  6. Name for your sensor. Select “DONE”.
- Repeat steps 1-5 for any additional sensors you wish to add.

## HOW DO I VIEW MY INDOOR AND OUTDOOR TEMPERATURE?

Press the IN/OUT button to switch between Indoor and Outdoor Temperature/Humidity readings or auto-scroll. AUTOSCROLL TEMP DATA will show for 3 seconds when selected. The auto-scroll icon  will display to indicate the Indoor and outdoor reading will alternate every 5 seconds. The station will stay on the selection.

## HOW DO I VIEW MY HI AND LO TEMPERATURE/HUMIDITY READINGS?

Your high and low temperature and humidity readings are recorded with time and date of occurrence. Each time a new high or low reading is recorded, that reading with time and date of occurrence will show. To view your HI | LO records, simply press and release the TEMP button.

### Viewing order:

- Outdoor HI Temperature
- Outdoor LO Temperature
- Outdoor HI Humidity
- Outdoor LO Humidity
  
- Indoor HI Temperature
- Indoor LO Temperature
- Indoor HI Humidity
- Indoor LO Humidity
  
- Outdoor Heat Index
- Outdoor Dew Point

**Note:** Dew Point does not have a time/date of occurrence.

## HOW DO I RESET THE TEMPERATURE/HUMIDITY READINGS?

Your temperature and humidity readings are reset individually.

1. Press and release the TEMP button to view the reading you wish to reset.
2. Hold the MINUS (-) button for 5 seconds to reset individual temperature or humidity value to current temperature, humidity, time, and date.
3. Press and release the LIGHT button to exit.

## HOW OFTEN DOES MY TEMP/HUMIDTY SENSOR UPDATE?

- Your TH Sensor checks for any change every 51 seconds.
- Any change of +/- 0.5°C, or Hum +/- 2% RH will cause the sensor to send a reading.
- If there is no change in temperature or humidity, the sensor will transmit every 3 minutes to preserve battery life.

## DOES THIS STATION HAVE ALERTS?

### Important:

- Alerts are defaulted to be OFF.
  - The alerts menu is in the order listed below.
  - When alert is ON, the alert value flashes to be set. No additional button press required.
  - Leave an alert OFF (disarmed) press the ALERT button to skip setting that alert value.
  - The alert icon will show when the alert is active.
  - When armed alert value is reached, station will beep 5 times each minute, until out of alert range. The flashing alert icon will indicate it is a LO or HI alert.
  - Press any button to stop the temp alert sound. The alert icon will flash while value is in alert range.
1. Press and hold the ALERTS button 2s to enter alert set mode.
  2. Press and release the + or – button to turn alert ON/OFF.
  3. If alert is ON, the alert value is flashing. Use the + or – buttons to set. Hold the + or – buttons to scroll quickly.
  4. Press and release ALERTS button to move to next item.
  5. Leave an alert OFF (disarmed) and press the ALERTS button to skip setting that alert value.
  6. The alert icon will show when the alert is active.
  7. When armed alert value is reached, station will beep 5 times each minute, until out of alert range.(1 second beep once, sound for 5 seconds, wait 55 seconds and then repeat began to ring for 5 seconds.)
  8. The flashing alert icon will indicate if it is a LO or HI alert.
  9. Press any button to stop the temp alert sound. The alert icon will flash while value is in alert range.

### Alert Setting Order:

- Outdoor HIGH Temperature ON/OFF
- Outdoor HIGH Temperature Value -40°F-140°F (-40°C-60°C)
- Outdoor LOW Temperature ON/OFF
- Outdoor LOW Temperature Value -40°F-140°F (-40°C-60°C)
  
- Outdoor HIGH Humidity ON/OFF
- Outdoor HIGH Humidity Value 10%RH-99%RH
- Outdoor LOW Humidity ON/OFF
- Outdoor LOW Humidity Value 10%RH-99%RH
  
- Indoor HIGH Temperature ON/OFF
- Indoor HIGH Temperature Value 32°F- 122°F (0°C-50°C)
- Indoor LOW Temperature ON/OFF
- Indoor LOW Temperature Value 32°F- 122°F (0°C-50°C)



- Indoor HIGH Humidity ON/OFF
- Indoor HIGH Humidity Value 10%RH-99%RH
- Indoor LOW Humidity ON/OFF
- Indoor LOW Humidity Value 10%RH-99%RH

## TIME: DOES THIS STATION HAVE ATOMIC TIME?

- **Standalone station:** When operating as a standalone station, the time needs to be set manually on this station.
- **Connected to the La Crosse View™ app:** When operating as a connected station the time and date will update from the Internet. Your station checks with the View Weather Server at least 4 times per day.

## BUTTON FUNCTIONS.

There are 11 buttons on the top, back, and side of the station.

**Note:** Refer to silkscreen for proper button layout.

 LIGHT | ALERTS | TEMP | + PLUS | SET | - MINUS | IN/OUT | FORECAST REFRESH

 FORECAST | EXTRA SENSOR (on front)      WIFI (on back)

### 1. LIGHT button:

**Normal Time Display-**

- Press to change the LCD backlight brightness (5 levels)
- Hold to set Auto Dim start/stop time.

**Setting Modes-**

- Press to exit any setting mode.

**Factory Reset-**

- Hold LIGHT and FORECAST REFRESH buttons together for 5 seconds to reset all sensor ID's and WI-FI settings. Beep will sound even if BEEP is OFF in the program menu. Station will return to “out of box” new condition. All records will be lost. Customer will **not** need to remove battery to restart station.

### 2. ALERTS button

**Normal Time Display-**

- Hold the ALERT button 2 seconds to enter Alert Settings.

**Alerts Mode-**

- Press to confirm & move to the next alert.

### 3. TEMP button-Outdoor Temp/humidity sensor

**Normal Time Display-**

- From normal display, press and release the TEMP button to view indoor and outdoor HI LO temperature/humidity records and Feels Like and Dew Point.
- Hold to search for TH sensor in parked position.

#### Temp Mode-

- Hold MINUS button 5 seconds to delete individual temp/humidity readings.

#### 4. – (MINUS) Button:

##### Normal Time Display-

- Hold +/- buttons together sounds beep and deletes current SSID and Password. Then initiates SoftAP provisioning mode.

##### Settings-

- Press to decrease values during setting.
- Hold 2 seconds to quickly adjust values.

##### Sensor Mode (viewing sensor ID's)-

- Hold 5 seconds to delete sensor ID.

##### Temp, Records Mode-

- Hold 5 seconds to delete individual records.

##### WPS:

Hold SET & MINUS Press and Hold sounds beep and initiates WPS provisioning mode.

#### 5. SET button:

##### Normal Time Display-

- Hold for 2 seconds to enter setting mode for time, date, etc.
- Press and release to check for connection status updates.

##### WPS:

Hold SET & MINUS Press and Hold sounds beep and initiates WPS provisioning mode.

##### SoftAp:

Hold SET & PLUS together - Press and Hold sounds beep and Initiates SoftAP mode

#### 6. +(PLUS) Button:

##### Normal Time Display-

- Hold +/- buttons together sounds beep and deletes current SSID and Password. Then initiates SoftAP provisioning mode.

##### Setting Mode-

- Press to increase the values by one.
- Hold 2 seconds to quickly adjust values.

##### SoftAp:

Hold SET & PLUS together - Press and Hold sounds beep and Initiates SoftAP mode.


7. **IN/OUT button:**

**Normal Time Display-**

- Press to switch between Indoor and Outdoor Temp/Humidity display or auto-scroll. When auto-scroll is active the icon  will show.

8. **FORECAST REFRESH button:**

**Normal Time Display-**

- Press to refresh the forecast readings (if connected). The Refresh Icon  will animate.
- If not connected, “SEE APP TO CONNECT will show.

**Factory Reset-**

- Hold LIGHT and FORECAST REFRESH buttons together for 5 seconds to reset all sensor ID's and WI-FI settings. Beep will sound even if BEEP is OFF in the program menu. Station will return to “out of box” new condition. All records will be lost. Customer will **not** need to remove battery to restart station.

9.  **FORECAST button:**

**Normal Time Display-**

- Press to change Forecast display.
- Hold to switch between Forecasted Percent of Precipitation and Amount of Precipitation.

10. **EXTRA SENSOR button**

**Normal Time Display-**

- Press and release to view individual station ID and sensor IDs in parked position & in Extra Sensor Area on weather station.

**Sensor Mode (viewing sensor ID):**

- Hold the - MINUS button for 5 seconds to delete the sensor and ID.

**Hold to Add Extra Sensors.**

- Hold the EXTRA SENSOR button to add additional sensors if there is an open spot. Beep will sound even if BEEP is OFF in the program menu.

11. **WIFI button**

- **Press-** Sounds beep and Initiates SoftAP mode.
- **Hold for 10 seconds-** Sounds beep and deletes current SSID and Password. Then initiates SoftAP provisioning mode. After the 1 hour timeout the unit will no longer sign into the last known SSID and Password.

## HOW DO I MANUALLY SET THE TIME?

**When operating as a standalone station, you can manually adjust your station's settings:**

1. Hold the SET button 2 seconds to enter settings mode.
2. Press the + or - button to adjust the flashing values.
3. Hold the + or - button to adjust quickly.
4. Press the SET button to confirm adjustments and move to the next item.

5. Press the LIGHT button at any time to exit.

#### Settings Order:

- Greeting HELLO
- Language (English, Spanish, French, & German)
- Beep ON/OFF
- 12HR/24HR
- Hour
- Minute
- Year
- Month
- Date
- Month/Date or Date/Month
- Fahrenheit/Celsius
- Pressure Units INHG or HPA
- Pressure Number
- THANK YOU

**Note:** Units in the settings menu reflect how sensors will show on the station and which units are shown in Data Stream. This includes the Extra sensors. I.E. When Fahrenheit is selected-Fahrenheit on station and in Data Stream.

#### Settings Menu

1. On startup or if you hold the SET button for 2 seconds to enter setting mode. HELLO, will show for two seconds, then automatically move to language. **ENGLISH** will show. Press the + or - button to change to another language (Español, Français or Deutsch). Press the SET button to select Beep ON/OFF.
2. **BEEP OFF** will show. Press the + or – button to turn beep sound OFF. Press the SET button to move to 12/24 hour time.
3. **12/24 FORMAT** will show. 12HR flashes. Press the + or - button to turn select 24 hour time format.
4. Press SET to confirm and move to the hour. **HOURLY** will show. The hour flashes. Press the + or - button to choose the hour.
5. Press SET to confirm and move to the minutes. **MINUTES** will show. Minutes flash. Press the + or - button to choose the minutes.
6. Press SET to confirm and move to the year. The **YEAR 2022** will show. Year will flash. Press the + or - button to change the year.
7. Press SET to confirm and move to the month. The **MONTH** will show. The Month will flash. Press the + or - button to change the month.
8. Press SET to confirm and move to the date. **DATE** will show. Date will flash. Press the + or - button to change the date.
9. Press SET to confirm and select Month/Date or Date/Month display. The **MONTH/DATE** will show. Press the + or - button to select DATE/MONTH.
10. Press SET to confirm and move to the temperature unit. **FAHRENHEIT** will show. Press the + or - button if you prefer Celsius.
11. Press SET to confirm and move to pressure units. **BAROMETRIC PRESSURE** will show. **INHG** will flash. Press the + or - button to select HPA.
12. Press SET to confirm and move to adjust pressure number. **BAROMETRIC PRESSURE** will show. **Pressure number** will flash. Press the + or - button to adjust pressure number.

13. Press SET to confirm. **THANK YOU** shows for 2 seconds, then exit the setting menu.

## WEATHER STATION MESSAGES

### WHY DOES “LOST WIFI”, ETC., SHOW ON MY STATION?

When operating as a **standalone** station, you will occasionally see the words SEE APP TO CONNECT or LOST WIFI.

- SEE APP TO CONNECT appears at start up is a prompt to connect to the La Crosse View™ app.
- LOST WIFI again refers to your station searching for a WIFI connection to connect to the La Crosse View™ app. Your station has found a Wi-Fi service and is awaiting a password.
- These statements should only flash for a few minutes then disappear.
- They may show again for a few minutes if you restart the station or press and release the SET button.

When **connected** you will have these and other status messages available with a press of the SET button.

#### ALL OK CONNECTED:

- Station is connected all the way through to your app.

#### LOST WIFI:

- Check your 5 volt power cord connection (power cord required to connect)
- When trying to reestablish your station’s Wi-Fi connection, be sure your mobile device is on the same 2.4GHz network you want your station to use.
- Enter your Wi-Fi password again.
- Check your network connection.
- Hold the SET and PLUS buttons together for 3 seconds to search for Wi-Fi.

#### NO WEATHER SERVICE:

- Wi-Fi, and App are fine.
- Weather/Time service not connecting. This will be resolved at the Weather Server. Please be patient.
- Weather Forecast, Precipitation and Weather HI/LO temperature will not be displayed.

**Note:** If connection to app is lost: The last readings from the Internet will remain for up to 3 hours to allow connection to reestablish on its own.

## OTHER WEATHER STATION FEATURES

### BACKLIGHT: DOES THIS STATION HAVE A BACKLIGHT?

Yes, your station has a backlight with 5 levels of intensity.

- Press and release the LIGHT button to adjust the backlight intensity or to turn it off.
- Intensity levels: 0% (OFF) | 1.5% | 20% | 50% | 100%

### WHAT IS AUTO DIM?

You can set your backlight to automatically dim to level 1 at a set hour for sleeping, then automatically return to full brightness when you wake.

### Set Auto Dim (Hour only):

1. Hold the LIGHT button 2 seconds to enter dimmer set mode. AUTO DIM OFF will show.
2. Press the + or – buttons to turn dimmer (ON). AUTO DIM ON will show.
3. Press the LIGHT button to select start time (Hour) for dimmer. AUTO DIM START TIME and the hour will flash.
4. Press the + or – buttons to change the hour for the dimmer to be low light level.
5. Press the LIGHT button to select start time for dimmer to be on High light level. AUTO DIM STOP TIME and the hour will flash.
6. Press the + or – buttons to change the hour for the dimmer to be high light level.
7. Press the LIGHT button to confirm exit.

**Note:** Hold LIGHT button at any time to exit dimmer settings.

## CAN I OPERATE MY STATION ON BATTERY POWER ONLY?

- No, the 5 volt power cord is required for your sensors to update.
- When you operate as a connected station, the 5 volt power cord is required to maintain Wi-Fi connection and sensor updates.

## BATTERY: WHAT DO THE BATTERY ICONS MEAN?

- A battery icon will appear near your Outdoor Temperature reading when you need to change the battery in your TH sensor.
- A battery icon will appear near your TIME reading when you need to change batteries in your station.
- A battery icon will appear in the Extra Sensor area when you need to change the battery in an add-on sensor.
- Low Battery in the large forecast circle, replace batteries in the sensor reading there.

## WEEKDAY: HOW DO I CORRECT THE DAY OF THE WEEK?

- When operating as a **standalone** station, the day of the week will set when the Year, Month, and Date are set. If your day of the week is incorrect, yet the month and date are correct, please go the [program menu](#) and check the YEAR setting.

## DOES THIS STATION HAVE 12 HOUR AND 24 HOUR TIME OPTIONS?

- Yes, you can select 12 hour or 24 hour time format in the [program menu](#).

## CAN I CHECK THE VERSION NUMBER OF MY FIRMWARE AND WIFI?

1. From a normal display hold the TEMP and ALERTS buttons together for 2 seconds to view the station Firmware Version for 3 seconds, followed by the WI-FI Module Version for 3 seconds.
2. Press the LIGHT button at any time to exit.

## FORECAST ICONS: WHAT DO THE FORECAST ICONS MEAN?

**Standalone Station:** When operating as a standalone station, the forecast icons predict weather condition over the next 12-hours based on the change of atmospheric pressure with about 70-75% accuracy. As weather

conditions cannot be 100% correctly forecasted, we are not responsible for any loss caused by an incorrect forecast.

#### Forecast Icons for standalone station:

- Sunny
- Partly Sunny
- Cloudy
- Rain
- T-Storm
- Snow

**Note:** The “snow” icon appears when the temperature is below 32°F (0°C) and the forecast is rainy or stormy.

- Your station calibrates barometric pressure based on its location over time to generate an accurate, personal forecast. Please allow 7-10 days for barometer calibration.

**Note:** As the Station builds memory, it will compare the current average pressure to the past forty day average pressure for increased accuracy. The longer the Station operates in one location the more accurate the forecast icons will be.

## CONNECTED FORECAST FEATURES

### ADVANCED FORECAST ICONS

**Connected Station:** When your station is connected to the La Crosse View™ app you will see an additional 8 forecast icons from AccuWeather. Your forecast will update multiple times per day. The forecast icons predict weather condition for the next 12 hours.

#### Additional forecast icons when connected:

- Windy
- Light Rain
- Severe T-Storm
- Light Snow
- Wintry Mix
- Blizzard
- Ice
- Fog

Internet Indicator will show in the Forecast area. 

#### Day/Night Forecast







- **When connected**, the SUN icon will show in daylight hours and the MOON icon will show during nighttime hours if the forecast is for SUNNY or PARTLY SUNNY.
- The time of the SUN or MOON showing, will come from the Weather Service (7am-7pm Day, 7pm-7am Night)


#### IMPORTANT:

There may be small discrepancies between data displayed on your station and data shown through other AccuWeather services, such as their website and/or mobile app. This is common, as there are differences in the timing in which forecast data is fetched by these items. Our connected weather stations will receive forecast updates at least 4 times daily.

## ACCUWEATHER HOURLY & DAILY FORECAST



Your station already shows 3 days of forecast. You can view an additional 6 Days of forecast and 12 Hours of forecasts. Normal display shows current forecast and the next two days.

1. **First Press of the  FORECAST button:** View the 4<sup>th</sup>, 5<sup>th</sup>, and 6<sup>th</sup> days of forecast.
2. **Second Press of the  FORECAST button:** View the Next Hour, 2<sup>nd</sup> Hour and 3<sup>rd</sup> Hour of forecast.
3. **Third Press of the  FORECAST button:** View the 4<sup>th</sup> Hour, 5<sup>th</sup> Hour and 6<sup>th</sup> Hour of forecast.
4. **Fourth Press of the  FORECAST button:** View the 7<sup>th</sup> Hour, 8<sup>th</sup> Hour and 9<sup>th</sup> Hour of forecast.
5. **Fifth Press of the  FORECAST button:** View the 10<sup>th</sup> Hour, 11<sup>th</sup> Hour, and 12<sup>th</sup> Hour of forecast.
6. **Sixth Press of the  FORECAST button:** Return to Normal Display (Current Forecast, 2<sup>nd</sup> Day and 3<sup>rd</sup> Day forecast). No button press for 10 seconds will also return to normal display.

Internet Indicator will show in the Forecast and HI/LO areas. 


WAIT FOR WEATHER will show if the station is currently updating. Wait a few minutes and try again.

## ACCUWEATHER HI/LO TEMPERATURES

- The High and Low Temperature will come from the server when connected () and the Temperature/Humidity sensor when not connected.
- Internet Indicator will show in the Forecast and HI/LO areas. 

## FORECAST REFRESH

To be sure you have the most updated forecast, press the FORECAST REFRESH button on the top of your station.


The Refresh Icon  will animate. Generally, your forecast will not change as it is current already.

SEE APP TO CONNECT will show if the station is not connected to WIFI.

## ACCUWEATHER PERCENT OF PRECIPITATION OR AMOUNT OF PRECIPITATION.

**Percent (chance)** of Precipitation and **Amount** of Precipitation will come from the server and show when connected.

**Precipitation: Forecasted percent or amount of rain or snow.**

Precipitation can be shown as the chance of precipitation or as amount of precipitation. **Hold** the  button to switch between chance and amount of precipitation.

When temperature is 32 degrees Fahrenheit or below, the icon for Percent of Precipitation will change to a snowflake. ❄

Above 32 degrees Fahrenheit, the icon will be a raindrop .



## CUSTOM DATA STREAMS

When connected you can customize the Data Stream with Text Messages or AccuWeather information.

### AccuWeather Information:

Wind Speed • Wind Direction • Wind Gust • UV Index • Percentage of Clouds • Sunrise Time • Sunset Time • Snow Accumulation • Moon Rise Time • Moon Set Time • Probability of T-Storms, Tornado, or Hail • Mold Risk • Air Quality and more!

### Text Messages

Enter up to 20 characters for special events or reminders, such as:

- SOCCER TONIGHT • ICE CREAM IN FREEZER • GREAT JOB MATH TEST or anything you can think of!

### To select Data Stream items:

1. Open the La Crosse View™ app and swipe until you find your station's device page.
2. Scroll down to the Data Stream section and press the blue stream icon in the upper right.
3. Follow the app's instructions to customize your "Data Stream" to display on your station

**Note:** Allow up to 10 minutes for new Data Stream selections to appear on your station.

## TROUBLESHOOTING

### BAR CODE: WHAT ARE THE BARCODES AND ID NUMBERS ON MY SENSORS ON MY STATION?

- Did you know that your sensors will "lock" into your station?
- This ensures that the sensor readings are from your sensor and not a neighbors'.
- When you press and release your EXTRA SENSOR button you will see your Station ID, and your Thermo-Hygro sensor ID.

**Note:** If you have Extra Sensors connected to you station you will also see these ID's.

- The sensor ID on the station should match your first six numbers on the barcode of that sensor.
- These sensors will remain locked to your station until you manually delete them.
- The barcodes are also important identifiers for the La Crosse View™ app if you choose to connect.

### HOW DO I DELETE SENSOR ID NUMBERS?

In the rare event you need to replace your sensor, you will first need to delete the old sensor ID from your station.

1. Remove batteries from your old sensor.
2. Press and release the SENSOR button to view your sensor ID number.
3. While viewing your sensor ID, hold the (-) button for 5 seconds to delete your old sensor ID. Dashes will show for the ID number.
4. Your station will automatically begin searching for the new sensor.
5. Install batteries in your new sensor and allow up to three minutes for your new sensor readings and ID to appear on your station.

## FACTORY RESET: HOW DO I FACTORY RESET MY STATION?

- A factory reset will delete all sensor ID numbers and if connected, remove all Wi-Fi connections.
- Basically, this is a great way to return your station to “out of the box” condition.
- This is more effective than removing all power for clearing out the station.
- All history records will be removed, so write down anything you want to keep.

### To factory reset your station:

1. Hold the FORECAST REFRESH and LIGHT buttons together for 5 seconds.
2. When your station resets it will look for all sensors. Allow at least ten minutes to reacquire the sensors.

**Note:** If operating connected, you would need to reconnect to Wi-Fi from the app.

## WHY DOESN'T THE TEMPERATURE/HUMIDITY READINGS ON MY STATION MATCH THE WEATHER REPORT?

- Your temperature and humidity readings are from your sensor at your location. Your local reporting station can be miles away so readings will differ.

## WHY DOES MY THERMO-HYGRO SENSOR READ INACCURATELY?

- The thermo-hygro sensor reads the environment.
- Check that it is mounted in a shaded location.

## WHAT DOES A READING OF “HI” OR “LO” MEAN?

- If your outdoor temperature reading shows “HI” or “LO”, check that your [batteries](#) are good.
- Overpowered or underpowered batteries can cause this reading.
- If batteries are good, replace the outdoor sensor.
- If your temperature is fine but your humidity is reading “HI” or “LO” or dashes, your humidity may be below 10% Relative Humidity. Your sensor does not read below 10% humidity.

## TEMP INTERMITTANT: WHY DOES MY TEMP/HUMIDITY READING COME AND GO?

- RF (radio frequency) communication may come and go occasionally. This can be normal in some environments (e.g., moister climates).
- If a sensor goes out, please wait 2-4 hours for it to reconnect on its own. Please be patient – these stations can reconnect on, after many hours out.
- RF (radio frequency) communication is not always 100% on. Certain temporary conditions can cause it to go out for a time (e.g., 100% humidity).

### If a miss happens:

- If sensor loses connection to the station for any reason, the station will show dashes after 30 minutes.
- The station will search for 5 minutes every hour to reconnect with sensor.

- Be sure you have good [batteries](#). Manually search for your sensor by holding the TEMP button.

**Try this:**

- Bring your sensor within 10 feet of your station and make sure it is connected to the station.
- After 15 minutes move the sensor into the next room with a wall between the sensor and the station for 1 hour.
- If there is no loss of signal in that hour, move the sensor just outside.
- Continue moving the sensor back to its original location.
- If you lose connection, look for sources of [interference](#).

### HOW DO I CHANGE BETWEEN FAHRENHEIT AND CELSIUS?

- On your sensor, open the battery cover and press the F/C button. This will change the temperature display on the sensor only.
- On your station enter the [program menu](#) to select Fahrenheit or Celsius temperature display on the station.

### WHY ARE THE SENSOR READINGS ON MY STATION DIFFERENT FROM THE SENSOR READINGS IN THE APP?

- The reading on your station is the “real time” reading. Your station updates as soon as it receives a new reading from the sensor.
- The App updates data every 60-90 seconds.