

CA73071 FAQs

We are weather enthusiasts like you and know proper running equipment is important. These FAQs provide valuable information on setup, positioning, and troubleshooting of your station. We recommend Adobe Reader version 10 or greater available at: <http://get.adobe.com/reader>

CONTENTS

CA73071 FAQs	1
CONTENTS.....	1
BATTERIES: What do I need to know about batteries?	1
Sensor and Stations.....	2
What are the power requirements for this station?	2
SETUP: How do I set up my station?	2
MOUNTING: Where do I mount/position my sensor?	2
Where do I place my station?	2
Button Functions Color Station	3
TIME: Does this station have Atomic Time?	3
How do I manually set the time?.....	5
WEEKDAY: How do I correct the day of the week?	6
Does this station have 12-hour and 24-hour time options?.....	6
What are the Moon Phases?	6
FORECAST ICONS: What do the forecast icons mean?	6
Seasonal Trees	7
Pressure Number and Pressure History Graph	7
Indoor Comfort Meter.....	8
Does this station have a backlight?	8
WHAT IS Auto Dim backlight?	8
Why don't the temperature/humidity readings on my station match the weather report?	9
What does a reading of "HI" or "LO" mean?	9
What does "NO" mean?	9
Why does my Temp/Humidity reading come and go?	9
What is Distance Resistance Interference?.....	10
Can I change the batteries in my sensors without losing data?	10
FACTORY RESET: How do I factory reset my station?	10
How do I view my HI and LO History Readings?.....	11
Explain the 24-Hr high and low readings.....	11
How do I set Alerts?.....	11
How do I remove or add the Temperature Decimals?.....	6
Can I add sensors?.....	12

BATTERIES: WHAT DO I NEED TO KNOW ABOUT BATTERIES?

- Good fresh batteries are important for the best performance in your sensors and as a backup in your station.
- Batteries with an expiration date of 2033, were manufactured in 2023.

- We recommend batteries with an expiration date 6 years in advance of the current year for best performance.
- A minimum voltage of 1.48 v per battery is required for the best performance.
- Lithium batteries may be used in outdoor sensors. Alkaline batteries for the station.

SENSOR AND STATIONS

Your CA73071 station comes with:
TX141TH-B series Sensor 433MHz RF.

WHAT ARE THE POWER REQUIREMENTS FOR THIS STATION?

TX141TH-B series: 2 “AA” batteries (not included)
CA73071: 5-volt power adapter AC6: GPU280500150WAOO
Optional: 1-CR2032 battery for backup.

SETUP: HOW DO I SET UP MY STATION?

1. Insert 2-AA batteries into your Outdoor Sensor.
2. Insert the 5-volt power cord into an outlet, then into your CA73071.
Optional: Insert 3 “AA” batteries for backup.
3. Once the sensor is reading to your station, place it outside in a shaded location to protect it from the sun’s heat. Allow up to 10 minutes for sensors to connect.

MOUNTING: WHERE DO I MOUNT/POSITION MY SENSOR?

For Accurate Outdoor Temperature/Humidity Measurements

- Insert a mounting screw through the hole at the top to securely mount the sensor. It can also hang from the back using a nail.
- Mount the sensor vertically in a protected well-shaded area. Keeping it out of direct weather elements such as sunlight, rain, snow, etc. will help avoid inaccurate reading.
- For additional protection against weather elements, a Sensor Weather Shield: <https://bit.ly/weather-shield> can be purchased separately.
- The maximum wireless transmission range to the station is up to 330ft (100m) in open air. This does not include walls, floors, or other large obstructions.
- For online video instructions visit: bit.ly/th_sensor_mounting

WHERE DO I PLACE MY STATION?

Your 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.

Position within reach of an outlet that is always active. Some of the outlets in living rooms and bedrooms may only be active when the light switch is on.
The best reception occurs when only one wall is between your station and each sensor outside.

Position your station six feet from other electronics and wireless devices. If you suspect RF (radio frequency) interference, simply move your weather station a few feet.

BUTTON FUNCTIONS COLOR STATION

There are 11 function buttons on this weather station. In order:

Top: ALERTS | TEMP | 24Hr MODE | - (MINUS) | SET | + (PLUS) | °C/°F | DECIMAL

Front: EXTRA SENSOR | DISPLAY BRIGHTNESS

Back: RESET

1. ALERTS button

Normal Time Display-

- Hold the ALERTS button for 2 seconds to enter alert set mode.

Alerts Mode-

- Press to confirm & move to the next alert.

2. TEMP button

Normal Time Display-

- Press and release to view indoor and outdoor HI | LO temperature/humidity records with Time and Date, and Outdoor Heat Index and Dew Point Temperature.
- Hold 2 seconds to search for Outdoor Sensor

Temp/Humidity Records Mode-

- Hold the MINUS button for 5 seconds to delete individual temp/humidity records.

3. - (MINUS) Button:

Settings-

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

Alert Mode:

- Press to Arm/Disarm an alert.
- Press to decrease values during setting.
- Hold 2 seconds to quickly adjust values.

Temp/Humidity Records Mode-

- Hold the MINUS button for 5 seconds to delete individual temp/humidity records.

Extra Sensor Mode-

- Press and release to reset Rain History (if the rain sensor is connected)
- Hold the MINUS button for 5 seconds to delete sensors.

4. SET button:

Normal Time Display-

- Hold for 2 seconds to set time/calendar, etc.

5. + (PLUS) Button:

Setting Mode-

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

Alert Mode:

- Press to Arm/Disarm an alert.
- Press to decrease values during setting.
- Hold 2 seconds to quickly adjust values.

6. °C/°F button

Normal Time Display-

- Press and release to switch from Celsius to Fahrenheit

7. DISPLAY MODE button

Normal Time Display-

- Press and release to toggle between 24-hour HI/LO Temperature or Humidity (outdoor only). The station will stay on Temperature or Humidity as selected. This is a rolling 24-hour HI/LO reading.

8. DECIMAL button

Normal Time Display-

- Press and release to select Decimals On or Off.

Settings-

- Press to exit any setting mode.

9. DISPLAY BRIGHTNESS button:

Normal Time Display-

- Press to change the LCD backlight brightness (5 levels)
- Hold to enter Auto Dim settings.

10. EXTRA SENSOR button

Normal Time Display-

- Press and release to view add-on sensors (including Rain History if rain sensor connected) or to auto-scroll.

Note: After viewing Rain History readings, continue to scroll through the other extra sensors readings.

- Hold to search for add-on sensors.

11. RESET button:

Normal Time Display-

- Hold 3 seconds to reset the station to factory defaults. All records will be lost.

HOW DO I MANUALLY SET THE TIME?

Note: Only press or hold one button at a time.

1. Hold the **SET** button for 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 **DISPLAY BRIGHTNESS** button at any time to exit.

Settings Order:

- Greeting HELLO
- Language (English, Spanish, French, German)
- Beep ON/OFF
- 12HR/24HR
- Hour
- Minutes
- Seconds
- Year
- Month
- Date
- Pressure: hPa / hPa
- Pressure number setting
- THANK YOU

**TIME
ZONES**
ATLANTIC
EASTERN
CENTRAL
MOUNTAIN
PACIFIC
ALASKA

Settings Menu

1. 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 ON will show. Press the **+** or **-** button to turn the beep sound OFF. Press the SET button to move to 12/24-hour time format.
3. Press SET to confirm and move to 12/24-hour time. **12 Hr. FORMAT** will show. Press the **+** or **-** button to turn to select the 24-hour time format.
4. Press SET to confirm and move to the hour. **HOUR** 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 seconds. **SECONDS** will show. Seconds flash. Press the **+** or **-** button to set the seconds.
7. Press SET to confirm and move to the year. The **YEAR 2023** will show. The year will flash. Press the **+** or **-** button to change the year.
8. Press SET to confirm and move to the month. The **MONTH JAN** will show. The Month will flash. Press the **+** or **-** button to change the month.
9. Press SET to confirm and move to the date. The **DATE** will be shown. The date will flash. Press the **+** or **-** button to change the date.

10. Press SET to confirm and move to pressure units. **PRESSURE** will show. **INHG** will flash. Press the + or - button to select HPA.
 11. Press SET to confirm and move to adjust the pressure number. **PRESSURE SET** will show. **The pressure number** will flash. Press the + or - button to adjust the pressure number.
 12. Press SET to confirm. **THANK YOU** shows for 2 seconds, then exit the setting menu.
- Note:** After 10 seconds with no button press, the station returns to normal time display.

CELSIUS/FAHRENHEIT

Press and release the C/F button to select the Celsius or Fahrenheit Temperature display.

HOW DO I REMOVE OR ADD THE TEMPERATURE DECIMALS?

From the normal time display, press and release the DECIMAL button to turn temperature decimals on or off. The temperatures and DECIMAL ON or OFF will show briefly. You can also enter the Settings Menu to turn decimals on or off.

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

The day of the week will be 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 to the [program menu](#) and check the YEAR setting.

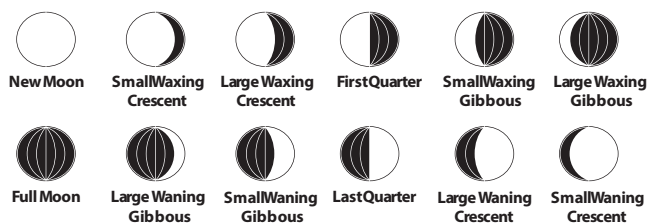
DOES THIS STATION HAVE 12-HOUR AND 24-HOUR TIME OPTIONS?

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

WHAT ARE THE MOON PHASES?

The Moon Phase will show from 7:00 pm to 6:59 am for any forecast.

- The moon phase is based on the Lunar calendar.
- In the settings menu, the moon phase will change as year, month, and date are set.



FORECAST ICONS: WHAT DO THE FORECAST ICONS MEAN?

The unit predicts weather conditions for the next 12 – 24 hours based on the change in atmospheric pressure. The weather forecast is based on atmospheric pressure change and is about 70-75% correct. When the Outdoor temperature is below 32 F and the forecast is RAIN or T-STORM, the LCD will display SNOWY.

Forecast Icons:

- Sunny
- Partly Cloudy
- Cloudy
- Rain

- T-Storm
- Snow

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.

SEASONAL TREES

The tree foliage will change seasonally. The dates are programmed into the weather station for automatic change.

Spring: March 20th – June 20th

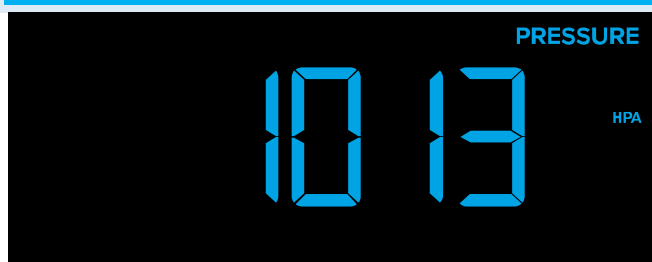
Summer: June 21st – Sept. 20th

Autumn: Sept. 21st – Dec 20th

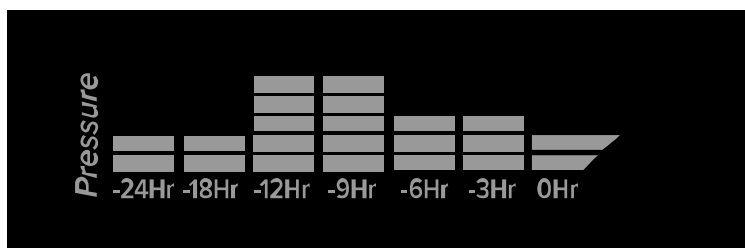
Winter: Dec 21st – Mar 19th



PRESSURE NUMBER AND PRESSURE HISTORY GRAPH



- Barometric pressure is read by the station every 12 seconds.
- Default reading is: InHg 29.92 InHg (1013 hPa)
- The Pressure Number is programmable in the settings menu.



1. The bar graph shows in hPa (Hecto Pascal), the recorded air pressure over the past 36-hours.
2. The horizontal axis shows the hours at increments of -36 hours, -30 hours, -24 hours, -18 hours, -12 hours, -9 hours, -6 hours, -3 hours, and 0 hours (current).
3. The "0h" on the horizontal axis indicates the current hour, thus the current air pressure also.
4. Each bar on the bar graph represents a value of 0.03 hPa.
5. At every full hour, the current air pressure is used as a basis for the display of a new graph bar.

6. Air pressure trends can be determined by simply glancing at the bar graph.
 - a. If the bars are rising (higher on the right than the left) then the air pressure has a rising trend, and the weather should improve.
 - b. If the bars are dropping (lower on the right than the left) then the air pressure has a falling trend, and the weather should worsen.
7. The bar chart will constantly scroll for visual interest unless Animation is turned Off by pressing and releasing the PLUS button.

INDOOR COMFORT METER

The Indoor Comfort Meter is based on Indoor Humidity.
The Arrow will indicate comfort level.



DRY = 10% to 25%
 DRY/COMFORT = 26% to 39%
COMFORT = 40% to 75%
 COMFORT/WET = 76% to 83%
WET = 84% to 99%

DOES THIS STATION HAVE A BACKLIGHT?

Yes, your color station has a backlight with 5 levels of intensity (OFF, 1, 2, 3, 4). Power cord use is required for this station to receive updates from the sensors.

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

WHAT IS AUTO DIM BACKLIGHT?

AUTO DIM allows you to set a time for your backlight to dim to level 1 and then return to level 5. This is a handy feature to dim the backlight at the same time every night for sleep.

Set Auto Dimming Hour only.

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

Note: Hold the DISPLAY BRIGHTNESS button at any time to exit dimmer settings.

While Auto Dim is active:

- Press and release the DISPLAY BRIGHTNESS button to adjust the backlight for 10 seconds. Intensity Levels: OFF | 1.5% | 20% | 50% | 100%.

- If you change the backlight setting the station will stay on the new setting and will automatically go back to the auto dim on the next start point.

WHY DON'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.

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 the 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.

WHAT DOES "NO" MEAN?

- If a sensor loses connection to the station for any reason, the station will show **NO** after 30 minutes.
- The station will search for 3 minutes every hour to reconnect with the sensor.
- Hold the **TEMP** button for 2 seconds to search for the sensors in the Outdoor Area
- Icon will flash while searching for the sensor. The outdoor area will show dashes during the search. When the sensor is received the icon  will be solid.
- If no sensor is received, the icon disappears  after 3 minutes of searching if the sensor is not found.
- **NO** will again show in the outdoor sensor area.

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., moist 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, 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 the sensor loses connection to the station for any reason, the station will show NO after 30 minutes.
- The station will search for 5 minutes every hour to reconnect with the sensor.
- Be sure you have good [batteries](#). Manually search for your sensor.

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](#).

WHAT IS DISTANCE | RESISTANCE | INTERFERENCE?

Distance:

- The maximum transmitting range in the open air is over 330 feet (100 meters) between each 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.

CAN I CHANGE THE BATTERIES IN MY SENSORS WITHOUT LOSING THE DATA?

We designed this station for convenience so that a simple change of batteries does not lose data or require you to power down your station.

- When the Battery Indicator shows in the Outdoor Sensor area, replace the batteries in your Outdoor Sensor.
- Then hold the **TEMP** button for 3 seconds and your station will search for your sensor.
- When changing the batteries in the color station, continue using the power cord. After replacing the batteries, no other action is needed. The batteries in the station only maintain time/date in the event of a power outage.

FACTORY RESET: HOW DO I FACTORY RESET MY STATION?

To factory reset your CA73071:

1. Hold the **RESET** button for 5 seconds.
2. When your station resets it will look for the sensor. Allow at least ten minutes to reacquire the sensor.

HOW DO I VIEW MY HI AND LO HISTORY 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.

From the normal display, press and release the **TEMP** button to view indoor and outdoor HI | LO temperature/humidity records.

Viewing order:

- Outdoor HI Temp with Time/Date
- Outdoor LO Temp with Time/Date
- Outdoor HI Humidity with Time/Date
- Outdoor LO Humidity with Time/Date

- Indoor HI Temp with Time/Date
- Indoor LO Temp with Time/Date
- Indoor HI Humidity with Time/Date
- Indoor LO Humidity with Time/Date

- Outdoor Heat Index
- Outdoor Dew Point

Reset History Readings (each reset individually):

- Press the TEMP button to view individual readings.
- Hold the MINUS button for five seconds to reset the individual value.

EXPLAIN THE 24-HOUR HIGH AND LOW READING

Press and release the DISPLAY MODE button to toggle between HI/LO Temperature or Humidity (outdoor only). The station will show TEMP 24 Hr. or HUMIDTY 24 Hr. briefly then return to normal display. The station will stay on Temperature or Humidity as selected. This is a rolling 24-hour HI/LO reading.

HOW DO I SET ALERTS?

HI ALERT  LO ALERT 

Important:

- Alerts default to be OFF.
- 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 the armed alert value is reached, the 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 temperature alert sound. The alert icon will flash while the value is in the alert range.

Set Alerts:

1. Press and hold the ALERTS button 2s to enter alert set mode.
2. Press and release the + or – button to turn the alert ON/OFF
3. If an 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 the ALERTS button to move to the 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 the armed alert value is reached, the 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 temperature alert sound. The alert icon will flash while the value is in the alert range

Alert Setting Order:

- Outdoor LOW Temperature
- Outdoor HIGH Temperature
- Outdoor LOW Humidity
- Outdoor HIGH Humidity

- Indoor LOW Temperature
- Indoor HIGH Temperature
- Indoor LOW Humidity
- Indoor HIGH Humidity

CAN I ADD SENSORS?

The Pressure Number shares space for you to add additional sensors if you choose.

1. Up to three TX141TH-BCH sensors (select channel 1, 2, or 3).
2. Only one TX145R or TX145R-BL sensor (with full history).
3. Only one TX141W, TX141Wv2, TX144W, TX145W, TX145WSDTHv3 or TX145WSDR sensor.

View:

- Press and release the EXTRA SENSOR button to view add-on sensors (including full Rain History if rain sensor connected) or to auto-scroll.
- Hold the EXTRA SENSOR button to search for all sensors in the extra sensor area.

Clear Rain History or Delete extra sensors:

- While viewing Rain History, press and release the MINUS to reset individual Rain History (if the rain sensor is connected)
- While viewing sensors in the extra sensor area, hold the MINUS button for 5 seconds to delete the sensor being viewed. The sensor will stay deleted.

Pressure



TX141TH-BCH
Using
channels 1, 2,
or 3



TX141WSDTHV3
Breeze sensor



TX141WSDR1
Cyclone sensor



TX141W, or
TX141Wv2, Wind
Speed sensors
with TH



TX144W or
TX145W (Glide)
Wind Speed
sensor



TX145R &
TX145R-BL
Rain sensor

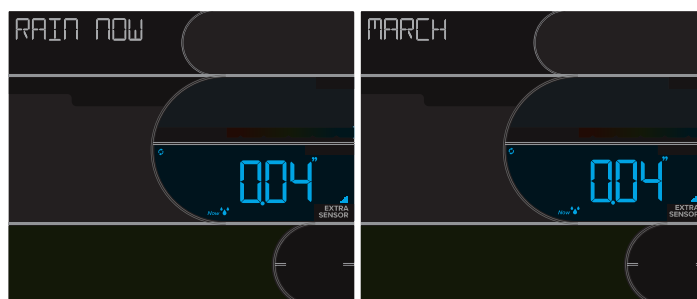


Rain History (rain sensor required):

Rain History will show in the Extra Sensor Area. Press and release the EXTRA SENSOR button to view Rain History. The rest of the display will briefly disappear.

While viewing Rain History, press and release the MINUS button to reset individual history records. While viewing Month, press and release the PLUS button to toggle through the past 12 months' history.

- **NOW:** When there is a rain sensor connected, the Extra Sensor area will automatically change to show the NOW rain reading at the start of a new rain event. NOW will continue to



display until there has been no additional rainfall for **15** minutes. Then the previous display will resume.

- **RAIN 1 HR:** Last one-hour rainfall (12 consecutive 5 minutes rainfall accumulated total). Example: current time is 6:49, 1HR rain is accumulated total between 5:50 to 6:49. Updates every 5 minutes.
- **RAIN 24 HRS:** Based on the past 24 hours' accumulated rain total. Each full hour, 1-hour rainfall is recorded. This is a running total.
- **RAIN 7 DAYS:** Accumulated last 7 consecutive 24HR rain. On each day at 0:00, 24HR rain is recorded. Not a subject to the calendar. Be sure the time is set.
- **MONTH: Current Month.** Ex: January 1-January 31. On the first-month calendar day 0:00, the month of rain is reset to 0. Accumulated rain from 1st of xx (month) to current day xx (month). The current month will be shown in the date area.
Note: Press and release the EXTRA SENSOR button to view MONTH Rainfall History records. Press and release the PLUS (+) button to toggle through the past 12 monthly history readings.
- **RAIN YEAR: Current year** January 1-December 31 total. Example: The current date is Nov. 10, 2018. Year rain is Jan 1, 2020 –Oct 31, 2023, month totals, plus the current month (Nov 1-10) rain. The current Year will show in the time display.
- **RAIN TOTAL:** Total rainfall since powered on or reset.

Note: As time passes without rain, the 1-hour, 24-hour, and 7-day rain totals will count down to zero.

Auto-scroll:

The Auto-scroll Icon will show when active. Press and release the EXTRA SENSOR button to scroll through pressure and all added sensors. In the end, auto-scroll will be active. The Word AUTOSCROLL will show briefly.



To stop auto-scroll, press and release the EXTRA SENSOR button until the Auto-scroll Icon disappears. The station will stay on the last item viewed.

Note about the TX141TH-BCH sensor: When channel 1 is selected, it may be used as a replacement for the TX141TH-B sensor which reads to the Outdoor Area of the station. Channels 2 & 3 cannot read to the outdoor area. Channels 1, 2, & 3 will read to the Extra Sensor Area.