



## WeatherGuide™ Deluxe Weather Forecaster with Barometer Model 1735 Instruction Manual

Welcome to the Taylor® WeatherGuide™ System. Simple, reliable, accurate...it allows you to monitor indoor or outdoor locations from one room. The base unit reads indoor conditions, while the remote sensor wirelessly reports outdoor weather conditions back to the base unit for an all-in-one weather display.

**NOTE:** Some units have a static cling label over the digital display. Please remove before use.

### BATTERY INSTALLATION

The base unit operates on 2 AA batteries (not included).

The remote sensor operates on 2 AA batteries (not included).

Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc) or rechargeable (ni-cad, ni-mh, etc.) batteries.

**IMPORTANT:** Power the base unit first, and then the remote sensor, otherwise the units' transmissions may not properly connect. Place the base unit as close as possible to the remote sensor during set up.

**TIP:** When the temperature falls below freezing point, alkaline batteries used in outdoor units may freeze, lowering their voltage supply and effective range. Use of Lithium batteries is recommended in extremely cold or hot locations.

### Base Unit


The battery compartment is located on the back of the unit. Remove the battery compartment door. Install (2) AA size batteries into the battery compartment according to the polarity markings. Replace the battery compartment door.

### Remote Sensor

The battery compartment is located on the back of the unit. Remove the battery compartment cover. Install (2) AA size batteries into the battery compartment according to the polarity markings. Replace the battery compartment door.

### After Powering Up the Units:

When the units are powered up, the LCD screens will light up for 3 seconds and the base unit will beep. The base unit will begin to display indoor temperature and humidity. The outdoor temperature and humidity displays will show dashes “(--)”.



Allow at least 3 minutes for the base unit to connect with the remote sensor and analyze current outdoor temperature conditions. A transmission signal icon (“☛”) flashes next to the channel icon (“”) on the base unit during this time. The icon will disappear after 3 minutes when analysis is complete. (Outdoor temperature and humidity readings may appear while the icon is still flashing, as it takes the unit longer to analyze other forecasting conditions.)

If after 3 minutes the transmission signal icon (“☛”) stops flashing and dashes remain, press and hold the “CH” button on the back of the base unit for 2 seconds to send another signal to the remote sensor. Alternately, press and hold the “TX” button in the remote sensor's battery compartment for 2 seconds to cause the sensor to search for the base unit again during its next transmission. The transmission signal icon (“☛”) will flash as the base unit searches for the remote sensor's signal. For best setup connection, keep the base unit and remote close to each other while trying to connect. Keep away from other electronic equipment that may interfere with the connections, such as mobile phones, appliances, computers, refrigerators, TVs, etc.

Indoor temperature and humidity readings update on the base unit every 60 seconds.

The first remote registered transmits outdoor temperature and humidity readings every 69 seconds.

- If a second remote is registered, it will transmit every 73 seconds.
- If a third remote is registered, it will transmit every 77 seconds


A red light and an “” icon on the remote sensor flash when a signal is sent. The transmission signal icon (“”) flashes on the base unit when the signal is received.

**Notes:** While the base unit is in the 3 minute “analyzing” mode, only the Snooze/Backlight and “-” buttons are operational. Some functions may not be operational, or using the functions will interrupt the transmission reception. Once the “analyzing” mode is complete, the other functions will become operational. (Pressing Snooze/Backlight will activate a 5 second backlight. Pressing “-” will stop the “analyzing” mode.)


Depending on when the units are powered up, there may be a delay between when the remote sensor’s LCD screen updates and those readings appear on the base unit.

### ADDITIONAL REMOTE SENSORS


A maximum of 3 remote sensor units can be used with the base unit; one is included. Should you purchase one or two additional remote units (Model 1739, sold separately), first install batteries in the remote, and then slide the CH switch inside the remote’s battery compartment to select Channel 2 or Channel 3. The Channel number assigned will appear on the remote’s LCD screen.

When the base unit is powered up, it will go into “analyzing” mode for 3 minutes, indicated by a flashing “” icon by the “OUT” temperature display. If batteries are installed in all the remotes during this time, the base unit will connect with all the sensors. If you choose to add a second or third remote later, first install batteries in the remote, slide the CH switch in the battery compartment to select Channel 2 or Channel 3, then press and hold the “CH” button on the back of the base unit for 2 seconds. This will start the 3 minute “analyzing” mode, during which the base unit searches for remote sensors again and will connect with the new sensor.

Press the “CH” button on the back of the base unit to switch between Channel 1, 2, or 3 displays.

Or select the auto scroll option (“”) to automatically view each remote sensor’s readings for 5 seconds.

**Notes:** if the base unit is in Radio Clock Signal Search mode, the Remote Sensor Search mode is not available.

(A flashing radio antenna icon (“”) in in the top right by the clock display indicates the base unit is in Radio Clock Signal Search mode.) Wait for the Radio Clock Signal Search to end, or press the “DOWN” button to cancel the Radio Clock Signal Search. Press and hold the “CH” button for 2 seconds to search for the remote sensor(s). Once the base and remote sensor(s) are connected, press and hold the “DOWN” button for 2 seconds if you wish to search for the Radio Clock Signal again.

If a Channel is not assigned to a remote sensor, the base unit will display dashes “(--)” instead of Outdoor Temperature and Humidity readings.

### DISPLAYING YOUR WEATHERGUIDE™

#### Base unit

Place the base unit indoors in a well-ventilated location away from direct sunlight.

Table top - pull the bottom of the Table Stand located on the back of the base unit to set it on a flat surface.

Wall – use the keyhole on the back of the base unit to hang on a wall using a screw or nail (not included).

#### Remote sensor

Table top – place the sensor on a flat surface.

Wall – use the keyhole on the back of the remote to hang on a wall using a nail or screw (not included).




The transmission range of the remote sensor is 200 feet. The effective transmission range is vastly affected by obstacles such as walls, sheds, trees, etc. Try various set ups for the best results. Shorten the distance between the base and remote units when necessary. To get the most accurate readings and to prolong the life of your sensor, we recommend that you mount it out of direct sunlight and rain. Direct sunlight will heat the casing and inflate temperatures readings. Place the sensor in a dry, shaded area. Fog and mist will not affect the sensor, but large volumes of soaking rain may. To guard against this, we recommend that you mount it under the eave of your house, your garage or any other suitable place that will keep it out of direct sun and rain.




**Important:** Though the remote unit is weather resistant, it should be placed away from direct sunlight, rain, snow and should never be submerged in water.

## TEMPERATURE / HUMIDITY READINGS

The base unit displays the indoor temperature and humidity readings from its location. These readings appear next to the “IN” icon in the lower part of the screen.

The remote sensor transmits outdoor temperature and humidity readings from its location back to the base unit. These readings appear next to the “OUT” icon in the lower part of the screen.

If using more than one remote sensor, press the “CH” button on the back of the base unit to switch between remote sensor readings. A Channel icon (, , or ) indicates which sensor’s readings are displayed.

- Auto Scroll option: The “” icon indicates the auto scroll option is on. The base unit will automatically scroll between remote sensor readings and display each for 8 seconds. To turn on the auto scroll, press the “CH” until an “” icon appears between the “OUT” and channel icons. To turn off the auto scroll, press “CH” to switch to another channel. The “” icon disappear and auto scroll is off.

Notes: If only one remote sensor is in use, the auto scroll option is not available.

If two remote sensors are in use, the channel not assigned a remote will show dashes (“--”) as it is not receiving any data.

To switch between Fahrenheit and Celsius temperature displays:

- Base unit - Press the “°C/°F” button on the back of the unit to change the temperature display on the base unit.
- Remote sensor - Press the “°C/°F” button inside the battery compartment of the remote sensor to change the temperature display on the remote sensor.


**Notes:** The base unit will display the temperature scale selected for it, regardless of the remote sensor’s setting.

If the temperature or humidity is higher than the range of the unit, the display will show “HH.H”. If the temperature or humidity is lower, the display will show “LL.L”.

## CLOCK FEATURES

### A) WWVB Radio Control Clock Setting

The Clock display is located at the top of the base unit’s screen. In North America, the signals received by radio controlled clocks originate from NIST Radio Station WWVB, which is located near Fort Collins, Colorado.

The base unit will automatically start searching for the WWVB Radio Clock Signal for 7 minutes after the batteries are installed and the 3 minute analyzing time is up. (If this does not occur, press and hold the “DOWN” button on the back of the unit for 2 seconds to force a search for the Radio Clock Signal. The radio antenna icon () flashes while the unit is searching for the Radio Clock Signal.)

Once the base unit has picked up the Radio Clock Signal, it will synchronize the clock to the WWVB time.


The “” icon will remain steady on the screen when clock synchronization is successful.

The radio-controlled clock will have a daily synchronization at 1:00 am, 2:00 am and 3:00 am every day. If these attempts are unsuccessful, the base unit will automatically attempt to synchronization at the next full hour. This attempt is automatically repeated up to 5 times that day.

Please note: If the signal is weak, it may take 24-48 hours for the clock to acquire the Radio Clock Signal and update the time. In the meantime, the clock may be manually set. Once the radio signal is found, it will override the manually programmed time and date.

If the clock does not update after 48 hours, follow the suggestions below. Then press and hold the “DOWN” button on the back of the unit for 2 seconds to send a search for the radio signal again. Check back again 24-48 hours later to see if the clock has synchronized.

- a) Try another location later away from possible sources of interference, such as mobile phones, appliances, computers, refrigerators, TVs, etc.
- b) Radio reception can be weaker in rooms with metal or concrete walls (such as basements) and in offices. Try placing the base unit close to a window for reception.
- c) Daytime conditions such as sunlight and other atmospheric interferences can affect synchronization; try setting the clock during evening hours.

**Note:** While searching for the radio signal, only the “SNOOZE/LIGHT” and “DOWN” buttons function. All other buttons are inactive until the “” icon either remains steady (synchronization complete) or stops blinking (synchronization not yet complete). To stop the radio signal search to use other functions, press the “DOWN” button to exit radio signal search mode. To start the search again, press and hold the “DOWN” button for 2 seconds.

## B) Manual Clock Setting

As it may take 24-48 hours for the clock to acquire the radio signal, you may wish to set the clock manually. Once the radio signal is found, it will override the manually programmed time and date.

1. Press the “UP” button on the back of the base unit to select your time zone. (“P” = Pacific, “M” = Mountain, “C” = Central, “E” = Eastern.)
2. Press and hold the “SET” button on the back of the base unit for 2 seconds to enter Clock Setting mode. The year digits blink.
3. Press the “UP” or “DOWN” buttons on the back of the base unit to change the year. Press “SET” to confirm. The month digits blink.
4. Press “UP” or “DOWN” to change the month. Press “SET” to confirm. The date digits blink.
5. Press “UP” or “DOWN” to change the date. Press “SET” to confirm. “12 Hr” or “24 Hr” blinks.
6. Press “UP” or “DOWN” to toggle between 12 and 24 hour clock formats. Press “SET” to confirm. The hour digits blink.
7. Press “UP” or “DOWN” to change the hour. Press “SET” to confirm. The minute digits blink.
8. Press “UP” or “DOWN” to change the minutes. Press “SET” to confirm. The “DST” (Daylight Saving Time) icon blinks.
9. Press “UP” or “DOWN” to set Daylight Savings Time to “on” or “off”. Press “SET” to confirm. The hour digits blink. A “mb/hPa” or “inHg” barometric pressure display blinks.
10. Press “UP” or “DOWN” to toggle between “mb/hPa” or “inHg” barometric pressure displays. Press “SET” to confirm. The hour and minute digits reappear. The clock is set.  
(\*See Barometric Pressure Readings section for information on the barometric pressure displays.)

## C) Time Zone Adjustment

To adjust the clock to another time zone, press the “UP” button on the back of the base unit while the clock is displayed.

- “M” adds one hour to the current set time.
- “C” adds two hours to the current set time.
- “E” adds three hours to the current set time.
- “P” indicates the unit is displaying the current set time.



**Notes:** If no buttons are pressed within 8 seconds, the unit will automatically exit Clock Setting mode.

Until a time has been set, the clock will count up the time since battery installation.

The clock cannot be set manually while the unit is searching for the Radio Clock Signal. To manually set the clock, wait 7 minutes for the Radio Clock Signal Search to end, or press the “DOWN” button to cancel the Radio Clock Signal Search. After manually setting the clock, press and hold the “DOWN” button for 2 seconds to start a new search for the Radio Clock Signal.

## D) Alarm Setting

This unit features 2 alarm settings. To set an alarm time:

1. Press and hold “ALARM” for 2 seconds to enter Alarm Setting mode. “A1” appears in place of the clock’s second digits. Alarm 1’s hour digits blink.
2. Press “UP” or “DOWN” to change the hours. Press “ALARM” to confirm. The minute digits blink.
3. Press “UP” or “DOWN” to change the minutes. Press “ALARM” to confirm. The hour digits for Alarm 2 (“A2”) blink.
4. Follow the preceding steps to set Alarm 2. If you do not wish to set a second alarm, press “ALARM” until the clock digits reappear. The alarm times are set. The clock display reappears.
5. Press the “DOWN” button to activate or deactivate the alarm(s).
  - Press “DOWN” once to activate Alarm 1. The bell icon for Alarm 1 (“”) appears over the clock’s second digits.
  - Press “DOWN” twice to activate Alarm 2. The bell icon for Alarm 2 (“”) appears over the clock’s second digits.
  - Press “DOWN” three times to activate both Alarm 1 and Alarm 2. Both bell icons appear.
  - Press “DOWN” four times to deactivate both Alarm 1 and Alarm 2. Both bell icons disappear.

#### E) To Silence Alarms:

The alarm will sound for 2 minutes at a rising volume unless silenced.

- To silence an alarm for 5 minutes, press the top of the base unit above “SNOOZE/LIGHT”.

The Snooze icon (“Zz”) next to the hour digits blinks. The “Zz” icon and alarm bell icon will continue to blink as long as the Snooze is active.

- To stop the alarm for the day and deactivate the Snooze, press “SET” or “ALARM”. The Snooze icon (“Zz”) disappears. The alarm will sound again the next day at the set time.

- To deactivate the alarm completely, press the “DOWN” button until the desired alarm bell icon (“🔔”) disappears. The alarm is deactivated and will not ring the next day.

**Notes:** If no buttons are pressed within 8 seconds, the unit will automatically exit Alarm Setting mode and return to Clock mode.

If the snooze button is not pressed, the alarm will silence after 2 minutes. The alarm will not sound again until the next day if the alarm is still active.

Press “ALARM” once for Alarm 1 (“🔔”) or twice for Alarm 2 (“🔔”) to view the current alarm time setting for 5 seconds.

### BACKLIGHT FEATURE

The base unit has a backlight for easy viewing of the screen. Press the top of the base unit above “SNOOZE/LIGHT” for a 5 second backlight.

### MAXIMUM/MINIMUM TEMPERATURE READINGS

Your WeatherGuide™ will store the last recorded high and low temperatures and humidity over a 24 hour period. The 24 hour period starts when the units are powered up.

- Press the “CH” (channel) button on the back of the base unit until the remote sensor’s channel you wish to view appears.
- Press the “MEM” button once to display the highest (maximum) temperature and humidity readings of the day at that unit’s location. “MAX” will appear on the LCD to the right of the humidity readings.
- Press the “MEM” button a second time to display the lowest (minimum) temperature and humidity readings of the day at that location. “MIN” will appear on the LCD to the right of the humidity readings.
- Press the “MEM” button a third time to return to the current temperature and humidity readings at that location. Otherwise, the “MAX” and “MIN” readings will automatically return to current readings after 5 seconds.

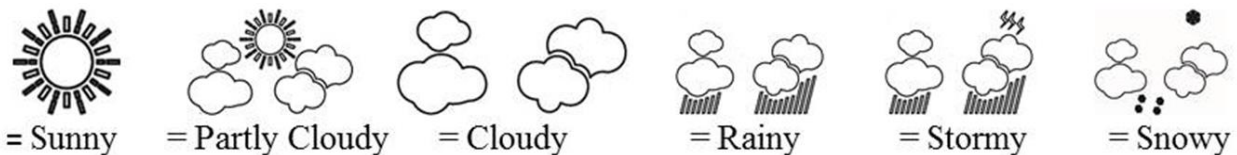
To clear the maximum and minimum readings: While either MAX or MIN displays, press and hold the “MEM” button for 2 seconds to clear the memory. The readings will reset to the current temperature and humidity readings, and the unit will begin to track new MAX and MIN readings. The memories will also reset when the base unit’s batteries are removed.

### WEATHER FORECAST ICONS

Your WeatherGuide™ will estimate weather conditions over the next 12 to 24 hours.

These estimates are based on changes in barometric pressure data over the last 12 hours.

One of these weather icons will appear in the left of the center display:






**Notes:** The weather icons indicate weather fluctuation over the next 12 to 24 hours, not the current weather conditions. Once the WeatherGuide is powered, the first 12 hours of data will be incorrect, as the units are still analyzing the current weather conditions.

Please take the weather forecast from your local weather forecasting service into account as well as the forecast from your weather station. If there are discrepancies between the information from your weather station and local weather forecasting service, please take the advice of the forecasting service over the weather station.

### TEMPERATURE TREND INDICATORS

Arrow icons on your WeatherGuide™ screen will indicate if indoor or outdoor temperature readings are rising, falling, or steady. The Indoor Temperature Trend arrow icon is located to the right of the indoor humidity digits. The Outdoor Temperature Trend arrow icon is located to the right of the outdoor humidity digits.

-  indicates Rising Temperatures (temperatures have gone up more than 1.8°F (1°C) in an hour)
-  indicates Steady readings (temperatures have not changed more than 1.8°F (1°C) in an hour)
-  indicates Falling Temperatures (temperatures have gone down more than 1.8°F (1°C) in an hour)

### BAROMETRIC PRESSURE READINGS


Absolute barometric pressure refers to the true measured air pressure at the current time and location of your WeatherGuide. It may be expressed in either millibars (mb)/hectopascals (hPa) or inches of mercury (inHg). A rising or falling barometric pressure reading indicates the likelihood of fair or poor weather conditions. The barometric pressure display is located in the right of the center display.

- A high or rising barometric pressure indicates fair weather conditions.
- A low or falling barometric pressure indicates poor weather conditions.

To select a Barometric Pressure Display:

1. Press and hold the “SET” button on the back of the base unit for 2 seconds to enter Clock Setting mode.
2. Press “SET” to bypass the other clock setting steps until a barometric pressure display of “mb/hPa” or “inHg” blinks.
3. Press the “UP” or “DOWN” button to toggle between “mb/hPa” and “inHg”.
4. Press “SET” to confirm. The clock display reappears. The barometric pressure display format is set.  
(Please see Manual Clock Setting section for complete clock setting instructions.)

**Notes:** Both “mb” and “hPa” altitudes are expressed in meters, while “inHg” is expressed in feet.

Manual clock setting is not available if the unit is searching for the Radio Clock Signal, indicated by the blinking “” icon in the top right corner of the screen.

If no buttons are pressed within 8 seconds, the unit will automatically exit Clock Setting mode and return to Clock mode. If the barometric pressure reading is higher than the range of the unit, the display will show “HHHH”. If the barometric pressure is lower, the display will show “LLLL”.




#### B) Barometric Pressure History

Press the “SET/HISTORY” button on the back of the unit to see the barometric pressure readings for the past 12 hours. The “HIST” (history) box icon indicates which hour history is displayed (1 hour ago, 2 hours ago, etc.). To return to the current barometric pressure readings, press “SET/HISTORY” until the hour icon is “0”.

**Note:** until there are 12 hours of history readings, some history hours will show dashes.

#### C) Barometric Trend Indicators

A Trend Arrow icon next to the weather forecast icons indicates the barometric pressure trend.

-  indicates Rising Barometric Pressure (barometric pressure has risen more than 2 mb hPa/0.06 inHg in an hour)
-  indicates Steady readings (barometric pressure has not changed more than 2 mb hPa/0.06 inHg in an hour)
-  indicates Falling Barometric Pressure (barometric pressure has fallen more than 2 mb hPa /0.06 inHg in an hour)

### INDOOR COMFORT LEVEL


The effects of indoor temperature and humidity are combined and determine an Indoor Comfort level, which appears to the left of the indoor temperature display on the LCD screen:

- ☺ COM: Comfortable level, ideal range for both temperature and humidity
- ☹ WET: Contain excess moisture
- ☹ DRY: Contain inadequate moisture


## TEMPERATURE AND ICE ALERTS

You can program your WeatherGuide™ center to sound an alert whenever the outdoor temperature exceeds an upper or lower pre-set level. It can also warn of the potential for icy outdoor conditions.

### A) To set a Temperature Alert:

1. If using more than one remote sensor, press the “CH” button on the back of the base unit to select the remote for which you wish to set a temperature alert.
2. Press and hold the “ALERT” button on the back of the base unit for 2 seconds to enter Temperature Alert mode. The outdoor temperature digits and the “Temp Alert” icon () appear to the left of the outdoor temperature digits. The Upper Limit icon blinks.
3. Press the “UP” or “DOWN” buttons on the back of the base unit to reach the desired upper temperature limit. Press “ALERT” to confirm the upper temperature limit. The Lower Limit icon blinks.
4. Press “UP” or “DOWN” to reach the desired lower temperature limit. Press “ALERT” to confirm. The “Temp Alert” icon becomes steady. The temperature limits are set.
5. If the temperature falls outside the set limit, an alarm will beep for 1 minute and the outdoor temperature digits and the upper or lower limit icon blink. Press the “ALERT” button to stop the alarm and turn off the Temperature Alert. If you do not stop the alarm, it will automatically silence after 1 minute. The “Temp Alert” icon will continue to blink as long as the temperature is outside the set range. Press “ALERT” to deactivate the temperature alert. The “Temp Alert” icon will disappear, indicating the temperature alert is turned off. If the current temperature falls back into an acceptable temperature range, the alarm and flashing “Temp Alert” will stop. If the current temperature falls out of the limit range again, the alarm will sound and “Temp Alert” will flash again until the Temperature Alert is turned off.

### B) Ice Alert

Icy conditions may begin to occur when the current temperature falls below 39.2°F (4°C). A snowflake icon () will automatically appear in the center of the screen when the current temperature at a remote sensor's location is below 39.2°F (4°C) to warn of possible icy conditions. The icon will disappear when the temperature rises above that temperature.

If using more than one remote sensor, the ice alert will automatically be set for all the sensors. If one or more sensor's temperature falls within the icy range, the alert will trigger on the base unit. Press the “CH” button on the back of the base unit to scroll between channels to see at which remote sensor's location the temperature is in the ice alert range.

## MOON PHASE

The Moon Phase automatically displays in the bottom center of the base unit screen according to the current calendar. Tide levels will display as H, M or L (High, Medium, Low) based on the current Moon Phase.



New Moon - The Moon's dark side is facing the Earth. The moon is not visible (except during a solar eclipse).



Full Moon -The Moon's lit side is facing the Earth. The moon appears to be fully illuminated.



Waxing Crescent - The Moon is partly lit by direct sunlight. The moon's visibility is increasing.



Waning Gibbous - The Moon is more than half-lit. The moon's visibility is decreasing.



First Quarter - One-half of the Moon is lit. The moon's visibility is increasing.



Last Quarter - One-half of the Moon is lit. The moon's visibility is decreasing.



Waxing Gibbous – The Moon is more than half-lit. The moon's visibility is increasing.



Waning Crescent -The Moon is partly lit by direct sunlight. The moon's visibility is decreasing.



The cycle will repeat with a New Moon.

## LOW BATTERY

Base unit: replace the batteries if readings grow dim or irregular.

Remote sensor: replace the batteries if the red light on the sensor stops flashing, or if transmission signals seem weak or irregular.

Always replace all batteries in each unit at the same time; do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc) or rechargeable (ni-cad, ni-mh, etc.) batteries.

**NOTE:** Please recycle or dispose of batteries per local regulations.

**WARNING:** Batteries may pose a choking hazard. As with all small items, do not let children handle batteries. If swallowed, seek medical attention immediately.

**PRECAUTION:** Do not dispose of batteries in fire. Batteries may explode or leak. Remove the batteries if the units will not be used for a long period of time.

## PROBLEM SOLVING

1. If the base unit does not receive a transmission from the remote sensor for one hour, the outdoor temperature and humidity displays will show dashes (“- -”). Press and hold for 2 seconds the “CH” button on the back of the base unit to force a transmission signal from the base to the remote sensor. Press and hold the “TX” button in the remote sensor's battery compartment for 2 seconds to cause the sensor to search for the base unit again during its next transmission. If the connection still fails:

a) Check that the remote is properly positioned, within the appropriate transmission range (200 feet). Transmissions are vastly affected by building materials and where the receiver and remote units are positioned. Try various set ups for the best results. Shorten the distance between receiver and remote units when necessary.

b) Check to make sure the transmission path is clear of obstacles and interference.

c) Place the remote sensor closer to the base unit.

d) Remove and reinstall all batteries. Try fresh batteries.

2. If the temperature or humidity is higher than the range of the unit, the display will show “HH.H”. If the temperature or humidity is lower, the display will show “LL.L”.

- Indoor temperature range is 32°F to 122°F (0°C to 50°C).

- Outdoor temperature range transmitted by remote sensor is -4°F to 140°F (-20°C to 60°C) using alkaline batteries. (Use of Lithium batteries can extend the range to -40°F to 140°F / -40°C to 60°C.)

- Indoor and outdoor humidity range is 20-95% RH.

3. If the barometric pressure reading is higher than the range of the unit, the display will show “HHHH”. If the barometric pressure is lower, the display will show “LLLL”.



4. The temperature sensors are manufactured to be accurate within plus or minus 2°F (1°C) within a temperature range from 32 to 104°F (0 to 40°C) and plus or minus 4°F (2°C) outside that range. Therefore, 2 units placed next to each other may report different readings. This is a normal occurrence with digital sensors and should not be considered a defect.
5. For maximum performance in normal conditions, good quality alkaline batteries are recommended. When temperatures are below 0°F, alkaline batteries can lose power resulting in a loss of remote transmission. If you reside in an area that experiences frequent temperatures near or below 0°F, lithium batteries are recommended to minimize the loss of transmission.
6. If no buttons are functioning, the base unit may be in the process of searching for the WWVB radio signal, indicated by the radio antenna icon (📶) icon blinking next to the clock display. Wait for the base unit to stop the radio signal search (this may take up to 7 minutes, or press “DOWN” on the back of the base unit to exit Radio Signal Search Mode).

#### TRANSMISSION COLLISION

Signals from other household devices, such as doorbells, home security systems and entry controls, may interfere. This is normal and does not affect the general performance of this product. The transmission will resume once the interference recedes.

**Important:** Though the remote sensor is weather resistant, it should be placed away from direct sunlight, rain, snow and should never be submerged in water. Also please note that below 32°F / 0°C the LCD readout on the remote sensor may begin to fail to display. When this happens the remote will still transmit correct temperature readings to the receiver unit but cannot be viewed at the remote location. When the temperature rises above 32°F / 0°C the display will begin to function normally again.

## PRECAUTIONS

1. The base unit is intended for indoor use only. It is not sealed against moisture and could be damaged if used outdoors. The remote sensor is weather-resistant but not weather-proof or waterproof. Do not immerse it in water or allow snow to accumulate on it. Do not leave it outdoors in extreme weather conditions. If these conditions become likely to occur, temporarily move the sensor to an indoor area. Otherwise, permanent damage to the sensor's internal circuits may occur.
2. Do not immerse the units in water. If you spill liquid on one, dry immediately with a soft, lint-free cloth.
3. Do not clean the units with abrasive or corrosive materials. This may scratch plastic parts and corrode electronic circuits.
4. Do not subject units to excessive force, shock, dust, temperature or humidity. This may result in malfunction, shorter electronic life span, damaged batteries or distorted parts.
5. Do not tamper with the unit's internal components. Doing so will invalidate the warranty on this product and may cause damage. The units contain no user-serviceable parts.
6. Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc) or rechargeable (ni-cad, ni-mh, etc.) batteries. Do not dispose of batteries in fire. Batteries may explode or leak. Remove the batteries if the units will not be used for a long period of time.
7. This product is for measuring weather temperatures only. **DO NOT PLACE UNITS INTO OVENS, GRILLS, FREEZERS or MICROWAVE OVENS.**
8. Always read the instruction manual before operating this product.

## SPECIFICATIONS

Indoor temperature range: 32°F to 122°F (0°C to 50°C)

Outdoor temperature range transmitted by remote sensor:

Alkaline batteries: -4°F to 140°F (-20°C to 60°C)

Lithium batteries: -40°F to 140°F (-40°C to 60°C)

Indoor and outdoor humidity range: 20-95% RH

Resolution: 0.1 degree for temperature and 1% for humidity

Indoor temperature and humidity readings update every 60 seconds

Outdoor temperature and humidity readings: The first remote sensor assigned transmits temperature and humidity readings every 69 seconds. If a 2<sup>nd</sup> sensor is assigned, it will transmit every 73 seconds. A 3<sup>rd</sup> sensor will transmit every 77 seconds.

Minimum/Maximum temperature and humidity records

Indoor/Outdoor temperature trends – rising, falling or steady

Barometric Pressure trends – rising, falling or steady

Weather Forecast – 12-24 hour forecast icons

Barometer with 12 hour history

Moon Phase icons

WWVB Radio-Controlled 12/24 hour clock with alarm and snooze

Channels: maximum of 3 remote sensors (one included)

Transmission: Maximum 200 feet (60 meters) in open area

Power: 2 AA batteries for base unit (not included) and 2 AA batteries for remote sensor (not included)

**Caution:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**Note:** This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

FCC ID: WEC-1503 (remote sensor transmitter)

### **One Year Limited Warranty**

This product is warranted against defects in materials or workmanship (excluding batteries) for one (1) year from date of original purchase for the original purchaser. It does not cover damages or wear resulting from accident, misuse, abuse, commercial use, or unauthorized adjustment and/or repair. Should this product require service (or replacement at our option) while under warranty, do not return to retailer. Please pack the item carefully and return it prepaid, along with store receipt showing date of purchase and a note explaining reason for return to:

**Taylor Precision Products, Inc.**  
**2220 Entrada Del Sol, Suite A**  
**Las Cruces, New Mexico 88001**  
**www.taylorusa.com**  
**Email: prodsupport@taylorusa.com**

There are no express warranties except as listed above. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

For additional product information, or warranty information outside the USA, please contact us through [www.taylorusa.com](http://www.taylorusa.com).

Made to our exact specifications in China.

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