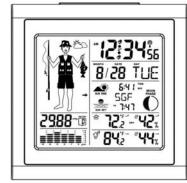
LA CROSSE[®] TECHNOLOG

Wireless Forecast Station Model: 308-1451 | Instruction Manual

INTRODUCTION: The Wireless Forecast Station features radio-controlled lime, dual time alarms, sunrise/sunset, barometric pressure in numbers, and pressure graph with 12-hour history, forecast icons, indoor/outdoor temperature and humidity with high and low alarms. Four forecast Icons based on temperature & air pressure readings suggest what kind of weather to expect and what to wear. This Forecast Station will never keep you guessing on current or future weather conditions.

FORECAST STATION:



OUTDOOR TEMPERATURE/HUMIDITY TRANSMITTER: TX14TH



FEATURES:

- Atomic Clock: 7 Time Zones (AST, EST, CST, MST, PST, AKST, HAST
- Calendar (Month/date,2000-2099 Default Year 2010) Time (hour/minute)
- Indoor Temperature/Humidity
- Wireless Outdoor Temperature/Humidity
 V/relectable
 Alarm and snooze Function

- . Weather Forecast: Sunny, Slightly Cloudy, Cloudy, Rain, or Snow History chart for Pressure
- History Citat for Pressure
 Low Battery indicator: Main unit, Transmitter (Display when out of battery)
 Temperature and humidity trends
 High/Low Daily records

- Comfort indicator 250 major US cities sunrise / sunset

- 200 major US cities sunnse / sunset
 Clothing index
 Low battery icon for Forecast Station and Transmitter
 Sits on desktop or tabletop
 308-1451 requires 3 "AA" Alkaline batteries (not included)
 TX14TH requires 2 "AA" Alkaline batteries (not included)

- INITIAL SET UP: Note: The Forecast Station will display the fisherman icon, lines etc., before batteries are installed. These items are painted on the screen
- Insert 3 AA batteries (not included) into the Forecast station (see Install Batteries in the Forecast Station). The Forecast Station will light up and show, pressure, indoor temperature, humidity and channel 1.
- Insert 2 fresh AA batteries into the transmitter, observing the correct polarity (see Install Batteries in the Outdoor Transmitter).
 Note: The CH switch is set to Channel 1 by default. Confirm channel 1 is selected.
- 3. Keep the transmitter 5-10 feet from the Forecast station for 15 minutes to establish a good
- Within 3 minutes the station will beep and the outdoor temperature should be shown on the Forecast 4. station. If the outdoor temperature does not show after 3 minutes remove power from the transmitter and the Forecast station for 60 seconds and start again from step 1.
- 5. If the outdoor temperature does not show up after a second attempt, please slide open the battery cover of the outdoor transmitter to reveal the TX button. Push down on the TX button for 3 seconds to send a wireless signal to the Forecast Station.
- 6. Hold the CH button on the forecast station to start the search for the transmitter signal.
- For optimum 433 MHz transmission, the outdoor transmitter should be placed a distance of no more than 200 feet (60 meters, open air) from the Forecast station.
 Do Not Mix Old and New Batteries
 Do Not Mix Alkaline, Standard, Lithium or Rechargeable Batteries

3

WWVB RADIO CONTROLLED TIME The NIST radio station, WWVB, is located in FL Collins, and transmits the exact time signal continuously throughout the United States at 60 kHz. The signal can be received up to 2,000 miles away through the internal almena in the Forecast station. However, due to the nature of the Earth's lonosphere, reception is very limited during daylight hours. The Forecast station will search for a signal every night when reception is best. The WWVP radio station derives its signal from the NIST Atomic Clock in Boulder, Colorado. A team of atomic physicists continually measures every second of every day to an accuracy of then billionths of a second a day. These physicists have created an international standard, measuring a second as 9, 192,631,770 vibrations of a Cesium 133 atom in a vacuum. This atomic clock regulates the WWVB transmitter. WWVB transmitter.

WWVB RECEPTION ICON with full signal strength will appear on screen in front of the date when the reception of time is successful. O

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- The tower icon will show solid when the Forecast station has received the WWVB signal. No tower icon is shown. The Forecast station was unable to receive a signal at this time. Reposition the Forecast station for better signal reception or try again at bedtime. The Forecast station will state serching at UTC: 07:00 and if no reception on the first attempt they will try again at 08:00, 09:00 and 10:00. Each attempt will be at least 2 minutes and the most will be 10 minutes.
- If there is no signal or too much interference the receiver will only be on for 2 minutes.
- If there is no signal or too much interference the receiver will only be on for 2 minutes. If the signal is good it may catch a signal in ABOUT 2-3 minutes. If the signal is marginal it will try to catch a signal for up to 10 minutes. IMPORTANT: When operating on a/c power, the backlight and USB charge port will turn off while the Forecast station searches for the WWWs signal, to avoid interference. Both features will return after the 2-10 minute search which occurs during the late night or early moming hours.

Note: In case the Forecast station is not able to detect the WWVB-signal (disturbances, transmitting distance, etc.); the time may be manually set.

WWVB Manual Signal Search:

Normal mode: Hold the + and - buttons together for 3 seconds to enter manual search. Reception mode: Hold the + and - buttons together for 3 seconds to exit searching for the WWVB signal.

Note: In case the Wireless Forecast Station is not able to detect the WWVB-signal (disturbances,

transmitting distance, etc.); the time can be manually set by following the program menu

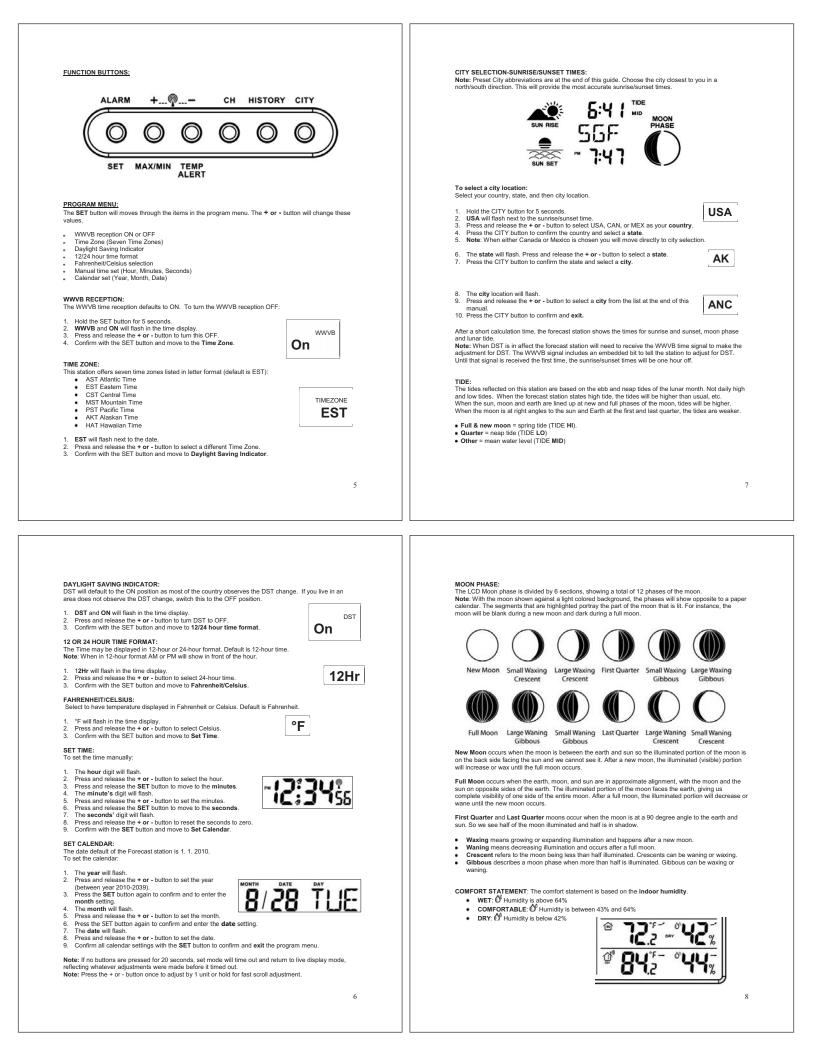
- · Recommended distance to any interfering sources like computer monitors or TV sets is a minimum of Recommended distance to any interfering sources like computer monitors or TV sets is a minimum of 6 feet (2 meters). Within ferro-concrete rooms (basements, superstructures), the received signal is naturally weakened. In extreme cases, please place the unit close to a window and/ or point its front or back towards the Fort Collins. Colorado, transmitter. During nighttime, the atmospheric disturbances are usually less severe and reception is possible in •
- most cases. A single daily reception is adequate to keep the accuracy deviation below 1 second. Note: In case the Forecast station is not able to detect the WWVB-signal (disturbances, transmitting distance, etc.), the time and date can be manually set (see "program menu").

TABLE OF CONTENTS:

INTRODUCTION	1
FORECAST STATION	1
OUTDOOR TEMPERATURE/HUMIDITY TRANSMITTER TX14TH	1
FEATURES	3
INITIAL SETUP	3
WWVB RADIO CONTROLLED TIME	4
WWVB RECEPTION ICON	4
MANUAL SIGNAL SEARCH	4
FUNCTION BUTTONS	5
PROGRAM MENU	5
WWVB RECEPTION ON/OFF	5
TIME ZONE	5
DAYLIGHT SAVING TIME INDICATOR	6
12 OR 24 HOUR TIME FORMAT	6
FAHRENHEIT/CELSIUS	6
SETTIME	6
SET CALENDAR	6
CITY SELECTION	7
TIME ALARM SET	9
DEACTIVATE ALARM	9
SNOOZE	9
FROST ALARM	9
OUTDOOR TEMPERATURE ALARMs	10
TEMPERATURE TREND ICONS	10
CHANNEL SCROLL	10
ABSOLUTE PRESSURE NUMBER	11
UNIT OF MEASURE	11
PRESSURE HISTORY	11
12-HOUR PRESSURE GRAPH	11
WEATHER FORECAST ICONS	12
FORECAST TENDANCY ARROWS	
CLOTHING INDEX	12
MIN/MAX TEMPERATURE/HUMIDITY DATA	13
VIEW	13
RESET	13
LOW BATTERY	13
MULTIPLE OUTDOOR TRANSMITTERS	13
CHANNEL SCROLL	
OTHER FORECAST STATION ICONS INSTALL BATTERIES IN OUTDOOR TRANSMITTER	14
INSTALL BATTERIES IN OUTDOOR TRANSMITTER	15
CARE AND MAINTENANCE	10
CARE AND MAIN LENANCE POSITION OUTDOOR TRANSMITTER	16
	16
POSITION FORECAST STATION	16
SPECIFICATIONS	
ACCURACY	17
WARRANTY	18
FCC DISCALIMER	19
APPENDIX A: CITY LIST	20

2

1



- High Temperature Alarm CH #1

Low Temperature Alarm CH #1

- With additional TX14TH transmitters
- High Temperature Alarm CH #2 Low Temperature Alarm CH #2 High Temperature Alarm CH #3
- Low Temperature Alarm CH #3

TIME ALARM: This forecast station has two individual time alarms: Press and release the ALARM button to enter Alarm mode. Alarm 1 (A1) will show after the alarm time. Press and release the ALARM button again and Alarm 2 (A2) will show after the alarm time.

SET TIME ALARM 1: Press and release the ALARM button once to enter Alarm mode. The Alarm Time

- And At will show.
 ALARM button for 3 seconds. The Hour will flash. Use the + or button to set the Hour. Be sure to set the Hour correctly for AM or PM. Press and release the ALARM button once.
 MINUTES: The Minutes will flash. Use the + or button to set the Minutes. Press and release the
- ALARM button once. ACTIVATE: Press and release the ALARM button to enter the correct Alarm mode. Press and release the + button and the alarm icon will appear (above the time, **alarm 1**, below the time, 3
- alarm 2). The number in the bell icon indicates which alarm is active. DEACTIVATE: Press and release the ALARM button to enter the correct Alarm mode. Press and 4
- release the + button and the alarm icon(s) will disappear indicating alarm 1 and/or alarm 2 is off



SET TIME ALARM 2: Press and release the ALARM button twice to enter Alarm mode. The Alarm Time and A2 will show. Follow steps 1-4 above to program alarm 2.

SNOOZE: When either alarm 1 or alarm 2 sounds, press the SNOOZE/LIGHT button on the top of the forecast station, once to activate the snooze feature for 10 minutes. The alarm icon \P and the snooze icon Zz will flash when the snooze is active. Press any button to deactivate the snooze feature.

FROST ALARM: The Frost Alarm when active will sound when the outdoor temperature drops to 34°F (1.1 °C).

- 1 ACTIVATE: Press and release the TEMP ALERT button to activate the Erost Alarm on all channels (when multiple transmitters in use). The Frost Alarm icon 🏶 will appear in the outdoor temperature
- area when active.
 DEACTIVATE: Press and release the TEMP ALERT button until the Frost Alarm icon no longer

9

ABSOLUTE BAROMETRIC PRESSURE NUMBER: Barometric Pressure is read by the Forecast Station. The numeric pressure value adjusts automatically as the forecast station reads changes in air pressure Since this number is *absolute* pressure it may not be the same as a local reporting station that reads in relative pressure. Note: The number cannot be calibrated.

- Absolute Pressure is measured in a vacuum without the influences of terrain, weather, water, foliage and elevation. The air pressure it would be consistent at every elevation and decrease as it went higher.
- Relative Pressure is a combination of air pressure and altitude. Relative air pressure will make readings in local areas relative to each other to allow for proper forecasting

UNIT OF MEASUREMENT: (InHg or hPa): Hold the HISTORY button for 5 seconds to switch from InHg (inches or mercury) or hPa (Hectopascal) for the numeric pressure display and the pressure graph. Inches of Mercury is common for weather reports and aviation in the United States. Hectopascal is equivalent to millibar and commonly used to measure atmospheric pressure outside the United States.

- PRESSURE HISTORY: Press and release the HISTORY button to view the past 12-hours of numeric pressure history. In the small box to the right of the numeric pressure a number
- from 0 to -12 will appear. 0 is current pressure. -1 through -12 reflects the history in one-• hour increments.
- Note: The history graph and forecast icons will not change when you view pressure history

The bar chart indicates the air pressure history trend over the last 12 hours in 5 steps, 0h, -1h, -2h, -3h, -6h & -12h.

- & -12n. The columns represent the change in "InHg" or "hPa" readings at specific times. The "0" in the middle of this scale is equal to the current
- pressure and each bar represents how high or low in InHg or hPa the past pressure was compared to the current pressure.



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Read the graph from left to right. If the bars are rising, it means that the weather is getting better due to the increase of air pressure. If the bars go down, it means the air pressure has dropped and the weather is expected to get worse from the present time (0h). Note: The bar graph will scroll continually to prevent LCD burnout.

11

OUTDOOR TEMPERATURE ALARMS: A high and low outdoor temperature alarm may be set on the forecast station. Note: When multiple transmitters are connected on different channels, a high and/or low temperature may be set for each channel.

SET TEMPERATURE ALARM CHANNEL 1:

Press and release the CH button to select channel 1 (when multiple transmitters in use).

- 2. Hold the TEMP ALERT button until the High Temp Alert icon flash. Use the + or - button to select your High Temp alarm value. Press and release the SET button to move to the Low Temp alarm.
- The Low Temp Alert ion X will appear and the temperature will flash. Use the + or button to select your Low Temp alarm value. Press and release the SET button to confirm and exit to current 3. temperature.
- 4. The Temp Alert icon z will show in the outdoor temperature area when a temperature alarm is active. When the temperature alarm sounds, the Temp Alert icon and the temperature value will flash. Press any button to silence the alarm temporarily
- SET TEMPERATURE ALARM CHANNEL 2 or 3: Use the CH button to select the channel, Follow steps ature alarms on other channels

DEACTIVATE TEMPERATURE ALARM: Press and release the TEMP ALERT button 3 times to ms. The alert icons will disapp

The indoor and outdoor temperature trend indicators will update every 30 minutes or less. These trends represent temperature changes over the past three hours.

Temperature rising more than 2°F /1°C in the past three hours Temperature has not changed more than 2°F /1°C in the past three hours.

Temperature falling more than 2°F /1°C in the past three hours

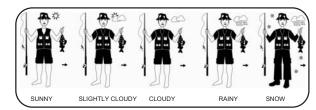
The temperature trend indicators are shown next to the indoor temperature and outdoor temperature

CHANNELS-AUTO SCROLL:

readings

- Channels: The Forecast Station can receive up to 3 outdoor transmitters. Extra TX14TH sensors may Channels: The Forecast Station can receive up to 3 outdoor transmitters. Extra TX141H sensors may be found online or at your retailer to monitor remote temperature in up to 3 locations within a 200 ft. wireless range of the forecast station. When more than one transmitter is used, set each transmitter to a different channel number then hold the CH button for 5 second to search for the transmitters. View Channels: press the CH button to select Ch1, Ch2, Ch3 or auto-channel scroll. Auto scroll-channel will show a circling arrow below the channel number and will rotate through each channel approximately every 5-8 seconds

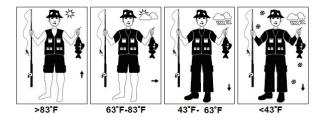
WEATHER FORECAST ICONS: (Sun, Slightly Cloudy, Cloudy, Rainy, or Snow). These icons forecast the weather in the next 12-24 hours. The forecast icons displayed, predict the weather in terms of getting better or worse and not necessarily sunny or rainy as each icon indicate



NOTE: After set up, readings for weather forecasts should be disregarded for the next 48-60 hours. This will allow sufficient time for the forecast station to collect air pressure data at a constant altitude therefore result in a more accurate forecast.

WEATHER TENDENCY INDICATOR (Up or Down arrows): Working together with the weather icons is

- The Weather Tendency indicates when indicator Points Upwards, internants to Maked nooint the Weather Tendency Indicators. When the indicator Points Upwards, itemans that Ha Air-pressure is increasing and the weather is expected to improve, but when Indicator Points Downwards, the Air-pressure is failing and the weather is expected to become worse. An arrow to ŧ
- ī the right means no change.



CLOTHING INDEX

Fisherman: The Fisherman Clothing change combinations are based on Outdoor Temperature from the transmitter on **channel 1 only**. The Fisherman represents CURRENT TRENDS in Temperature.

MIN/MAX: The forecast station will show the daily minimum and maximum temperatures each day starting at midnight (12:00 AM). The forecast station automatically resets the min/max temperatures at midnight (12:00 AM).

- Inight (12:00 AM). View MINMAX data: Press and release the MAX/MIN button to view the Maximum, Minimum, then Current Indoor and Outdoor Temperatures. Multiple Transmitters: Press and release the CH button to select the desired outdoor channel to view the Minimum and Maximum Outdoor Temperatures. Press and release the MAX/MIN button to view the Maximum, Minimum then Current Temperatures for that channel.
- Reset all MIN/MAX data: Hold the MAX/MIN button for 5 seconds and the Indoor and all Outdoor Minimum and Maximum Temperatures will be reset manually, to Current temperatures

LOW BATTERY:

- When this icon P appears in the indoor (IN) reading section, replace the batteries in the Forecast Station.
- When this icon D appears in the outdoor (OUT) readings section, replace the batteries in the outdoor

USE MULTIPLE OUTDOOR TRANSMITTERS: The Forecast station will accommodate up to three remote outdoor transmitters (TX14TH). The channel selection button allows you to easily see the temperature in various locations: outdoors, baby's room, greenhouse, basement, etc.

To connect multiple remote transmitters to the Forecast station:

- 1.
- Remove the battery cover from all the transmitters (Leave battery covers off until all transmitters are received by the Forecast station). Set the first outdoor transmitter to Channel 1 and insert 2-AA 2.
- batteries. З. Set the second outdoor transmitter to Channel 2 and insert 2-AA
- batteries 4 Set the third outdoor transmitter to Channel 3 and insert 2-AA
- hattorios 5. Press and hold CH button on the Forecast station for 5 seconds. The
- Forecast station will search for all outdoor transmitters. Press the TX button on the back of each outdoor transmitter to 6
- Press the TX button on the back of each outdoor transmitter to transmit RF signal. When RF connection is established, the respective temperature & humidity for each of the selected channels will appear on the main unit. Allow the transmitters and the Forecast station to stay 5-10 feet apart for 15 minutes to establish a solid connection. Install the battery covers on each sensor. After 15 minutes place the remote transmitters in appropriate locations (see "**position the outdoor transmitter**"). 7. 8.
- 9. 10.

Press and release the CH button to view channel 1, 2 or 3 on the Forecast station when multiple transmitters are used. Note: You cannot change channels if only one transmitter is connected.

CHANNEL SCROLL: Press and release the CH button until you see Ω appear in the outdoor data area. The Forecast station will automatically rotate through the channels for all connected transmitter

Press and release the CH button to lock the Forecast station into one channel. Then view channels individually with a press of the CH button.

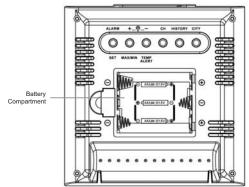
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OTX

23





- teries: Remove battery cover: Slide tab to the right and pull out to remove battery cover. Install three fresh AA batteries according to the polarity markings. Do Not Mix Old and New Batteries 2
- Do Not Mix Alkaline, Lithium, Standard, or Rechargeable Batteries

If the Forecast station does not display indoor temperature after 60 seconds, remove batteries and wait for at least 60 seconds before repeating the setup process.

INSTALL BATTERIES IN THE OUTDOOR TRANSMITTER:



Slide the battery cover down, then lift off the back of the transmitter. Note: Be careful not to break the tabs on the battery cover. Confirm the channel selector switch is on channel 1. Insert two fresh AA batteries into the transmitter. Observe the correct polarity (see marking inside battery compartment). Keep transmitter 5-10 ft. from the forecast station during setup. After 45 minutes if the outdoor tomperchange shown on the forecast. After 15 minutes, if the outdoor temperature shows on the forecast station, move the outdoor transmitter outside to a shaded location within range of the forecast station.

15

OTHER FORECAST STATION ICONS:

WWVB Reception icon

- The tower icon will show solid when the Forecast station has received the WWVB signal.

 No tower icon displayed. The Forecast station was unable to receive a signal at this time. Reposition the Forecast station for better signal reception or try again at bedtime.
IN Indoor readings (Temperature, Humidity, Dew Point, Heat Index)
Outdoor Channel indicator: The number 1, 2 or 3 for will appear next to this icon indicating which transmitter the Forecast station is reading. Press and release the CH button to view other channels when using multiple sensors.
When this appears the outdoor temperature/humidity readings will automatically switch between channels (when using multiple sensors). Press and release the CH button to display only one channel.
Zz - Snooze icon Will flash when snooze feature has been activated Solid when alarm is on Does not display when alarm is deactivated.
Alarm icon Shows when time alarm is on Does not display when time alarm is deactivated
TEMP High Temperature Alarm active
Low Temperature Alarm active
High and Low Temperature Alarms Active
Frost Alarm active
Sunrise time
Sunset time
O Humidity
Low Battery

CARE AND MAINTENANCE:

- Do Not Mix Old and New Batteries
- Do Not Mix Alkaline, Lithium, Standard, or Rechargeable Batteries

- Do Not Mix Alkaline, Lithium, Standard, or Rechargeable Batteries Do not expose the Forecast station to extreme temperatures, vibration or shock. Keep dry. Clean Forecast station with a soft damp cloth. Do not use solvents or scouring agents. The Forecast station is not a toy. Keep it out of reach of children. The Forecast station is not to be used for medical purpose or for public information, but is determined for home use only.
- The specifications of this Forecast station may change without prior notice
- Improper use or unauthorized opening of housing will void the warranty. If the Forecast station does not work properly, change the batteries and/or check the a/c cord

POSITION THE OUTDOOR TRANSMITTER: The remote temperature transmitter should be mounted vertically to avoid damage

1. Choose a lo



- ALL MOUNT Choose a location for the transmitter that is within range of the Forecast station and under an overhang for accuracy. Install one mounting screw (not included) into a wall leaving approximately ½ inch (12.7mm) extended.. Place the transmitter onto the screw, using the hanging hole on the backside. Gently pull the transmitter down to lock the screw into place.

- NOTE: Always ensure that the transmitter locks onto the screw before releasing.

In To achieve a true temperature/humidity reading, mount where direct sunlight cannot reach the outdoor transmitter. Mount the outdoor transmitter on a North-facing wall or in any well shaded area. Under an eave or deck rail work well. The maximum transmitting range in open air is 200-faet (60 meters). Obstacles such as walls, windows, stucco, concrete, and large metal objects can reduce the range. Place the transmitter at least 6 feet in the air to improve signal transmission.

Place both units in their desired location, and wait approximately 1-hour before permanently mounting the transmitter to ensure that there is proper reception. The outdoor temperature/humidity transmitter is water resistant, not waterproof and should not be placed anywhere it will become submerged in water or subject to standing water or snow.

POSITION THE FORECAST STATION:

- The Forecast station has a wide base to sit on a desk or table. Choose a location 6 feet or more from electronics such as cordless phones, gaming systems, televisions, microwaves, routers etc.
- Place within range of the outdoor transmitter. The maximum transmitting range in open air is 200-feet (60 meters). Obstacles such as walls,
- windows, stucco, concrete, and large metal objects can reduce the range. For best WWVB reception orientate the Forecast station with the front of the back facing Ft. Collins 5.

SPECIFICATIONS Indoor

Temperature Range: Humidity Range:

Barometric Pressure Interval: Outdoor: Temperature Range: Humidity Range: Distance:

Interval:

Power:

3-AA, IEC, LR6 batteries (not included) 2-AA, IEC, LR6 batteries (not included)

23.62 to 32.48 inHg (800mb to 1100mb) About every 12 minutes

1%-99% (RH) Over 200 ft. (60 meters) RF 433MHz (open air) About every 50 seconds

+32°E to +122°E (0°C to 50°C) 1%-99% (RH) About every 30 seconds

-40°F to 140°F (-40°C to 60°C)

Battery Life: TX14TH Transmitter Battery Life:

Wireless Forecast Station Battery Life

Wireless Forecast Station: TX14TH Transmitter:

Battery life is over 12 months when using reputable battery brands

5.12" L x 2.36" W x 5.12" H (130 x 60 x 130 mm) 2.5" L x 1.42" W x 3.98" H (64 x 36 x 101 mm)

Battery life is over 24 months when using reputable battery brands

Dimensions

Wireless Forecast Station: TX14TH Transmitter:

ACCURACY: Indoor Temperature:

- Operating temperature range = 32 F to 122 F (0C to 50C)
- Accuracy ± 2 degrees Fahrenheit 32 F to 122 F (0C to 50C)
- Resolution = 0.1 degree F Resolution = 0.1 degree F When above 122 F (50C) the temperature sensor should continue to read the correct temperature as long as the LCD display continues to function When below 22 F (0C) the temperature sensor should continue to read correctly as long as the LCD display continues to function
- Indoor Humidity:
- Operating humidity range = 1% RH to 99%
 Accuracy +/- 5% RH (@25°C, 30%RH to 80%RH)
- Accuracy +/- 8% RH (@25°C , 20%RH to29%RH ; 80%RH to 95%RH)
- Accuracy +/-12% RH (@25°C, 1%RH to 19%RH ; 96%RH to 99%RH) . Resolution = 1 % RH

- Outdoor Temperature
- Operating temperature range = -40 F to 140F (-40C to 60C) Accuracy ± 2 degrees Fahrenheit 32 F to 122 F (0C to 50C)
- Accuracy ±4 degrees Fahrenheit (-40 F to32 F (-40C to 0C) ; 122 F to140 F (50C to 60C))
- Resolution = 1 degree F

17

This warranty gives you specific legal rights. You may also have other rights specific to the State. Some States do not allow the exclusion of consequential or incidental damages therefore the above exclusion of limitation may not apply to you.

For warranty work, technical support, or information contact:

La Crosse Technology, Ltd 2817 Losey Blvd. S. La Crosse, WI 54601 Contact Support: 1-608-782-1610 Product Registration: technology.com/support/register www.la

The complete instruction manual is available at: www.lacrossetechnology.com/308-1451

Protected under U.S. Patents: 5,978,738 6,076,044 6,597,990

FCC DISCLAIMER:

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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) the device must accept any interference received, including interference that may cause undesired operation.

NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER AUTHORITY TO OPERATE THE EQUIPMENT

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GRA LINC

NJ EWR TTN

ADO MAG ROM RTN SAF

AN CXP ELY LAS LWL RNO

ALB BUF JFK LKP SYR

CLE CMH ISZ TOL YNG

OK 17K LAW OKC TUL

OR BNO EUG MFR POX SLE

PA CXV PHL PIT SCR

PR SJU

RI PVD SC CHS CUB GMU

SD FSD PIR RAJ

TN BNA CIU DKX

NEW HAMPSHIP

NEW JERSEY NEWARK TRENTON

NEW MEXICO

ON TAFE

NEVADA

AUSTIN CARSON CI ELY LAS VEGAS WELLS RENO

NEW YORK ALBANY BUFFALO

OHIO CLEVELAND COLUMBUS

OKLAHOMA BOISE CITY LAWTON OKLAHOMA CITY TULSA

PENNSYLVANIA

PUERTO RICO SAN JUAN

RHODE ISLAND

SOUTH CAROLIN CHARLESTON COLUMBIA GREENVILLE SOUTH DANOTA SOUIX FALLS PIERRE RAPID CITY

TENNESSEE NASHVILLE CHATTENO

OREGON

Printed in China

19

- Outdoor Humidity: Operating humidity range = 1% RH to 99% Accuracy +/- 5% RH (@25°C , 20%RH to 90%RH)
- Accuracy +/- 8% RH (@25°C , 20%RH to 30%RH ; 80%RH to 95%RH)
- Accuracy +/-12% RH (@25°C . 1%RH to 19%RH : 96%RH to 99%RH) •
- Resolution = 1 % RH

Barometric Pressure:

Measure range=800mb to 1100mb Resolution=1mb Measuring time interval: every 12 minute

WARRANTY INFORMATION:

La Crosse Technology, Ltd provides a 1-year limited warranty on this product against manufacturing defects in materials and workmanship.

This limited warranty begins on the original date of purchase, is valid only on products purchased and used in North America and only to the original purchaser of this product. To receive warranty service, the purchaser must contact La Crosse Technology, Ltd for problem determination and service procedures. Warranty service can only be performed by a La Crosse Technology, Ltd authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to La Crosse Technology, Ltd or La Crosse Technology, Ltd or La Crosse Technology, Ltd suthorized service center.

La Crosse Technology, Ltd Will repair or replace this product, at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above. All replaced parts and products become the property of La Crosse Technology, Ltd and must be returned to La Crosse Technology, Ltd. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer. La Crosse Technology, Ltd will pay all expenses for labor and materials for all repairs covered by this warranty. If necessary repairs are not covered by this warranty, or if a product is examined which is not in need or repair, you will be charged for the repairs or examination. The owner must pay any shipping charges incurred in getting the La Crosse Technology, Ltd will pay ground return shipping charges to the owner of the product to a USA address only.

The La Crosse Technology, Ltd warranty covers all defects in material and workmanship with the following specified exceptions: (1) damage caused by accident, unreasonable use or neglect (including the lack of reasonable and necessary maintenance); (2) damage occurring during shipment (claims must be presented to the carrier); (3) damage to, or deterioration of, any accessory or decorative surface; (4) damage resulting from failure to follow instructions contained in the owner's manual; (5) damage resulting from the performance of repairs or alterations by someone other than an authorized La Crosse Technology, Ltd authorized service center; (6) units used for other than home use (7) applications and uses that this product was not intended or (8) the product inability to receive a signal due to any source or interference. This warranty covers only actual defects within the product itself, and does not cover the cost of installation or removal from a fixed installation, normal set-up or adjustments, claims based on misrepresentation by the seller or performance variations resulting from installation-related circumstances. circumstances.

LA CROSSE TECHNOLOGY, LTD WILL NOT ASSUME LIABILITY FOR INCIDENTAL, CONSEQUENTIAL, PUNITIVE, OR OTHER SIMILAR DAMAGES ASSOCIATED WITH THE OPERATION OR MALFUNCTION OF THIS PRODUCT. THIS PRODUCT IS NOT TO BE USED FOR MEDICAL PURPOSES OR FOR PUBLIC INFORMATION. THIS PRODUCT IS NOT A TOY. KEEP OUT OF CHILDREN'S REACH.

	STATE CITY LIST BY STATE:		
CODE	STATEICITY	CODE	STATEICITY
AK	ALASKA	IN	INDIANA
ANC FAL	ANCHORAGE FAIRBANKS	EVV	EVANSVILLE TERRE HAUTE
AIN	JUNEAU	IND	INDIANAPOLIS
OME	NOME	SEN	SOUTH BEND
AL	AL ABAMA	KS	KANSAS
BHM	BIRMINGHAM	DOC	DODGE CITY
GAD	GADSDEN	K32 KCK	WICHITA KANSA CITY
MOR	MONTGOMERY	OHI	KANSA CITY WAREENEY
NO.0		TOP	TOPEKA
AR FSM	ARKANSAS FORT SMITH	KY	KENTUCKY
LIT	LITTLE ROCK	FFT	FRANKFORT
TXX	TEXARIKANA	LEX	LEXINGTON
AZ	ARIZONA	1.00	LOUISVILLE
FLG	FLAGSTAFF	LA	LOUISIANA
PHO	PHOENIX	BTR	BATON ROUGE LAKE CHARLES
TUS	TUSCON YUMA	CWF IER	NATCHITOCHES
		NEW	NEW ORLEANS
CA BFL	CALIFORNIA BAKERSFIELD	SHV	SHREVEPORT
BLH	BARERSPIELD	MA	MASSACHUSSET
EKA	EUREKA	BOS	BOSTON
FAT	FRESNO		
FTB	FORT BRADG LOS ANGELES	MD	MARYLAND
ROO	REDDING	BMM	BALTIMORE
SAC	SACRAMENTO	L MIT	MAINE
SAN	SAN DIEGO SAN BERNADINO	AUG	AUGUSTA
SFO	SAN FRANCISCO	BOR	BANGOR
_		CAR	CARIBOU PORTLAND
CO	COLORADO		
DEN DRO	DENVER DURANGO	M	MICHIGAN
FNL	FT COLUME	AZO	KALAMAZOO
GJT	GRAND JUNCTION BURLINGTON	DET	DETROIT
010	PUERIO	LAN	LANSING
		PZQ	ROGERS CITY
CT	CONNECTICUT	SAW TVC	MARQUETTE TRAVERSE CITY
HFD	HARTFORD	100	THORE AND AND
DC	DISTRICT OF COLUMBIA	MIN	MINNESOTA
DCA	WASHINGTON	AEL BJI	ALBERT LEA BEMIDJI
		DLH	CULUTH
DE	DELAWARE	GPO IN	GRAND PORTAGE
ONS	DOVER	STP	INTERNATIONAL SAINT PAUL
FL.	FLORIDA		
EYW	KEY WEST	MO	MISSOURI
XAL MA	JACKSONVILLE	JEF	JEFFERSON CITY KANSA CITY
ORL	OFILANDO	MPH	MEMPHIS
PNS	PENSACOLA TALAHASSEE	POF SGF	POPLAR BLUFF SPRINGFIELD
TPA	TAMPA	871	STLOUIS
GA	GEORGIA	GWO	MISSISSIPPI GREENWOOD
ABY	AUGUSTA	HUV	HUNTSVILLE
ATL.	ATLANTA	JAN	JACKSON
CSG MAC	COLUMBUS MACON	TUP	TUPELO
SAV	SAVANNAH	MT	MONTANA
		01	BILLINGS
H	HAWAR	FTP	FORT PECK
HNL ITO	HONOLULU	GFT HLN	GREAT FALLS
003	KAHULUI	501	SIDNEY
WAI	WAMEA	WTF	WHITEFISH
L M	IOWA	NC	NOTH CAROLINA
ALO	WATERLOO	AVL	ASHEVILLE
DSM	DES MOINES	CLT	CHARLOTTE
DVN SUX	DAVENPORT SIQUX CITY	FAY	FAYETTEVILLE
- BUA	and a contraction of the contrac	INT	WINSTON-SALEM
10	IDAHO	MCZ RDU	WILLIAMSTON RALEIGH
801	BOSE	1 NDU	mushift
GIB	GIBBONSVILLE POCATELLO	[ND	NORTH DAKOTA
SZT	SAND POINT	845	BISMARCK
-		EAR.	BOWBELLS FARGO
EL.	ELLINIOS CHAMPAIGN	GFK.	GRAND FORKS
ORD	CHICAGO		
SPI	SPRINGFIELD		

CODE	STATEICITY	
IN	INDIANA	
EVV HUF	EVANSVILLE TERRE HAUTE	
IND	INDIANAPOLIS	
SEN	SOUTH BEND	
KS	KANSAS	
DDC	DODGE CITY	
K32	WICHITA	
KCK OH1	KANSA CITY WAREENEY	
TOP	TOPEKA	
KY	RENTUCKY	
LEX	LEXINGTON	
LOU	LOUISVILLE	
LA	LOUISIANA	
BTR	BATON ROUGE	
CWF	LAKE CHARLES	
间用	NATCHITOCHES	
NEW	NEW ORLEANS SHREVEPORT	
2011		
MA	MASSACHUSSETTS	
BOS	BOSTON	
MD	MARYLAND	
BWI	BALTIMORE	
ME	MAINE	
AUG	AUGUSTA	
BOR	BANGOR	
CAR	CARIBOU	
PWM	PORTLAND	
M	MICHIGAN	
AZO	KALAMAZOO	
DET	DETROIT	
FNT	FLINT	
LAN PZQ	LANSING ROGERS CITY	
SAW	MARQUETTE	
TVC	TRAVERSE CITY	
MN	MINNESOTA	
AEL	ALBERT LEA	
8.8	BEMIDJI	
DLH	DULUTH	
GPO INL	GRAND PORTAGE INTERNATIONAL FALLS	
STP	SAINT PAUL	
MO	MISSOURI	
MKC	JEFFERSON CITY KANSA CITY	
MPN	MEMPHIS	
POF	POPLAR BLUFF	
SGF	SPRINGFIELD ST LOUIS	
OIL	01 1.0015	
MS	MISSISSIPPI	
GWD	GREENWOOD	
JAN	HUNTSVILLE	
TUP	TUPELO	
MT	MONTANA BILLINGS	
FTP	FORT PECK	
GFT.	OREAT FALLS	
HUN	HELENA	
50Y WTF	SIDNEY WHITEFISH	
-		
NC	NOTH CAROLINA	
AVL	ASHEVILLE CHARLOTTE	
CLT FAY	FAYETTEVILLE	
KM	WILMINGTON	
INT		
MCZ RDU	WILLIAMSTON	
There	(TRANK)	
ND	NORTH DAKOTA	
8:5	BISMARCK	
STATE:	monfBELLD	

CODE	STATEICITY
TX	TEXAS
AMA	AMARILLO
AUS	AUSTIN BROWNSVILLE
DEW	DALLASIT WORTH
ELP	EL PASO
HOU	HOUSTON
000	ODESSA
SAT	SAN ANTONIO
UT	UTAH
SAL	SALINE ST GEORGE
SLC	SALT LAKE CITY
TSN	THOMPSON
VA	VIRGINIA
DON LYH	VIENNA LYNCHBERG
ORF	NORFOLK
RIC	RICHMOND
ROA	ROANOKE
VT	VERMONT
BTV	BURLINGTON MONTPELIER
WA ABE	WASHINGTON
ALW	WALLA WALLA
KTF	KETTLE FALLS
MVN OLM	MT VERNON OLYMPIA
SEA	SEATTLE
SFF	SPOKANE TONASKET
YKM	TONASKET YAKIMA
WI ALWY	WISCONSIN
GRS	GREEN BAY
LSE	LA CROSSE
MSN MVC	MADISON
550	SPOONER
wv	WEST VIRGINIA
CRW	CHARLESTON
HLG	WHEELING
WY	WYOMING
BYG CPR	BUFFALO CASPER
CYS	CHEVENNE
LAA	LITTLE AMERICA
WYE	WEST YELLOWSTONE
CANAD	A CITY LISTING
EDM	EDMONTON
ALB	CALGARY
WIN	VANCOUVER WINNEPEG
FRE	FREDERICTON
HAL YES	HALIFAX YELLOWKNIFE
OTT	OTTAWA
SUD	SUDBURY
THU	THUNDER BAY TORONTO
CHT	CHARLOTTE TOWN
MON	MONTREAL
QUE REG	QUEBEC
WH	WHITEHORSE
MEXICO CHH	CITY LISTINGS CHIHUAHUA
DUR	DURANGO
MEX	MEXICO CITY GUADALUPE

APPENDIX A: