

1.Introduction

Thank you for your purchase of the WS0355 Professional WIFI Wireless Weather Station. The following user guide provides step by step instructions for installation, operation and troubleshooting.

2.Warnings and Cautions

 **Warning:** Any metal object may attract a lightning strike, including your weather station mounting pole. Never install the weather station in a storm.

 **Warning:** Installing your weather station in a high location may result in injury or death. Perform as much of the initial check out and operation on the ground and inside a building or home. Only install the weather station on a clear, dry day.

3.Getting Started

The WS0355 weather station consists of a display console, a sensor array with Integrated Outdoor Sensor, and mounting hardware.

3.1 Parts List

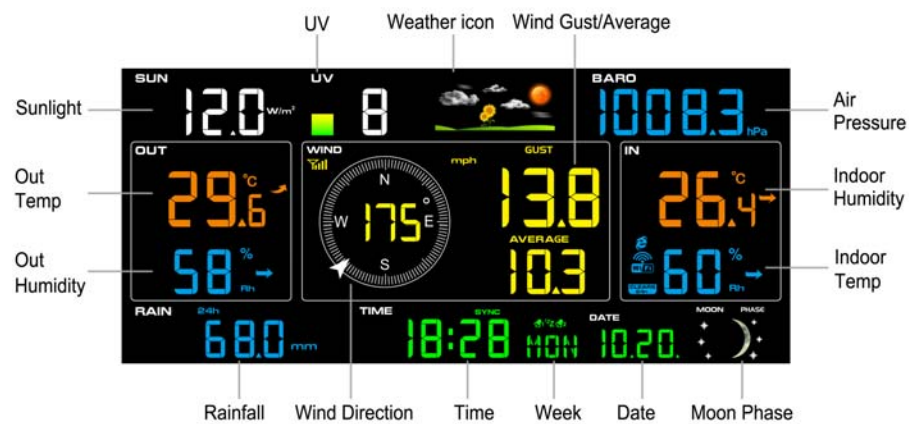
The weather station consists of the following parts (as referenced in Figure 1).

QTY	Item	Image
1	Display Console Frame Dimensions : 7.56x4.76x0.79inch (192x121x20mm) LCD Dimensions: 6.7x3.1inch (171x78mm)	

3.4 Display Console

3.4.1 Layout of Display Console

The following illustration shows display console features in normal mode as below :



3.4.2 Setup the Display Console

1. Plug in the display console with power adapter. BL ON will display in the time area for three seconds when powered up.

 **Note:** It is recommended to plug in the power adapter to reduce the battery consumption and extend the service life



2. Display Console Batteries Installation

Remove the battery door on the back of the display, as shown in Figure 7. Install three AAA (alkaline or lithium) batteries. The display will beep once and layout of display will light up for a few seconds to verify all segments are operating properly.

Note: The transmitter of Wifi2.4G & other wireless functions can not work when using the battery.



Figure 7

Recover the battery door, and unfold out the desk stand to place the console in the upright position



Note: The battery is a back-up of weather station console, saving console settings when powered off from adaptor

3.4.3 Connect Sensors with Display Console

Once the display console is powered up, it will automatically scan all the nearby Integrated Outdoor sensors.



Note: Do not press any button until all the remote sensors report in the display screen, otherwise the display console will terminate to connect with remote sensors.



Note: While in the search mode, the remote search icon



will be constantly displayed until all the measured values received. The console will automatically switch to the normal mode from which all further settings can be performed.

When connected with the Integrated Outdoor Sensor, the measured value (Outdoor temperature, humidity, wind speed, wind direction, wind gust and average, rainfall, UV and Sunlight index, Dew point and feels like) will show up on the display console.



Note: Make sure that the distance between weather station sensors and display console should be within 10ft (3m) to 100ft (30m). If the weather station sensors is too close or too far away, it may not receive a proper signal.

5. Display Console Operation

7.1 Quick Display Mode



Note: The display console has five keys for easy operation: **MAX/MIN/-** key, **ALARM** key, **SET** key, **CHANNEL/+** and **SNOOZE/LIGHT** key.



Note: To exit the Quick Display Mode at any time, press the **SNOOZE** key of the display console.

While in Normal Mode, press (do not hold) the **SET** key to enter the Quick Display Mode as follows:

- ◆ once for time, time/week and second
- ◆ Twice for rainfall
- ◆ three for pressure
- ◆ four for outdoor temperature

1. Time, Time/Week and Second. Press the **CHANNEL/+** or **MAX/MIN/-** key to toggle between time, time/week and second.

2. Rainfall. Press the **CHANNEL/+** or **MAX/MIN/-** key to toggle between 1h, 24h, week, month and total.

To clear the total rain, press the **CHANNEL/+** or **MAX/MIN/-** button until total rain is displayed. The total rain will flash. Press and hold the **SET** button for five seconds until total rain reads 0.0.

3. Absolute Pressure and Relative Pressure. Press the **CHANNEL/+** or **MAX/MIN/-** key to toggle between absolute pressure and relative pressure.

4. Outdoor Temperature. Press the *CHANNEL/+* or *MAX/MIN/-* key to toggle between outdoor temp, dew point, and feels like.

7.2 Set (Program) Mode

While in Normal Mode, press and hold the **SET** key for at least three seconds to enter the Set Mode. The first setting will begin flashing. You can press the **SET** key again to skip any step, as defined below.



Note: In the Set mode, press the **CHANNEL/+** key or **MAX/MIN/-** key to change or scroll the setting value. Hold the **CHANNEL/+** key or **MAX/MIN/-** key for three seconds to increase/decrease rapidly.



Note: To exit the Set mode at any time, press the **SNOOZE** button of the display console.

1. **12/24 Hour Format (default: 12h).** Press the *SET* key again to adjust the 12/24 hour format setting (FMT). Press the *CHANNEL/+* key or *MAX/MIN/-* key to change between 12 hour and 24 hour format.
2. **Change Hour.** press the *SET* key again to set the hour. Press the *CHANNEL/+* key or *MAX/MIN/-* key to adjust the hour up or down. During afternoon hours the PM icon will display.
3. **Change Minute.** Press the *SET* key again to set the minute. Press the *CHANNEL/+* key or *MAX/MIN/-* key key to adjust the minute up or down.

4. **Date Format (default: M-D).** Press the *SET* key again to enter the Day/Month format mode. Press the *CHANNEL/+* or *MAX/MIN/-* key to switch between M-D,D-M.
5. **Change Month.** Press the *SET* key again to set the calendar month. Press the *CHANNEL/+* key or *MAX/MIN/-* key to adjust the calendar month.
6. **Change Day.** Press the *SET* key again to set the calendar day. Press the *CHANNEL/+* key or *MAX/MIN/-* key to adjust the calendar day.
7. **Change Year.** Press the *SET* key again to set the calendar year. Press the *CHANNEL/+* key or *MAX/MIN/-* key to adjust the calendar year.
8. **Max/Min Clearing (default: ON).** Press the *SET* key again to set the Max/Min clearing mode (CLR). The Max/Min can be programmed to clear daily (at midnight) or manually. Press the *CHANNEL/+* key or *MAX/MIN/-* key to switch between ON (Clears 24h) and OFF (Manually).
9. **Temperature Units of Measure (default: °F):** Press the *SET* key again to change the temperature units of measure. Press the *CHANNEL/+* key or *MAX/MIN/-* key to switch between °F and °C units of measure.
10. **Wind Speed Units of Measure (default: mph).** Press the *SET* key again to change the wind speed units of measure . Press the *CHANNEL/+* key or *MAX/MIN/-* key to toggle the wind speed units between m/s, km/h, mph, knots bft or ft/s.
11. **Rainfall Units of Measure (default: in).** Press the *SET* key again to change the Rainfall units of measure. Press *CHANNEL/+* key or *MAX/MIN/-* key to toggle the rainfall units between mm and inch.

12. Sunlight Display Units (default: W/m^2). Press the *SET* key again to change the sunlight units of measure. Press the *CHANNEL/+* key or *MAX/MIN/-* key to toggle the sunlight units between , W/m^2 , fc or lux.

13. Barometric Pressure Display Units(default: InHg). Press the *SET* key again to change the pressure units of measure. Press the *CHANNEL/+* key or *MAX/MIN/-* key to toggle the pressure units between mmhg, inHg or hPa.

14. Pressure Threshold Setting (default level 2). Press the *SET* key again to change the pressure threshold. Press the *CHANNEL/+* key or *MAX/MIN/-* key to change pressure threshold 2 hPa to 4 hPa. (For detailed information of this part please refer to 10.5)

15. Weather Icons Setting (default: partly cloudy). Press the *SET* key again to change the initial weather icon. Press the *CHANNEL/+* key or *MAX/MIN/-* key to select the initial weather icon of Sunny, Cloudy, Partly Cloudy or Rainy. (For detailed information of this part please refer to 10.2)

16. Time SYNC(default: ON). Press the *SET* key again to set the network time sync. Press the *CHANNEL/+* key or *MAX/MIN/-* key to switch between SYNC time ON/OFF of measure. Synchronize the time of the device with WiFi.

17. Location Division. (default: Northern Hemisphere). Press the *SET* key again to change the location division. Press the *CHANNEL/+* key or *MAX/MIN/-* key to toggle the position of the earth Northern Hemisphere (NOR) or Southern Hemisphere (NOR). (Refer to 5.0 Final Installation of Sensors)

7.3 Sensor Search Mode

If Integrated Outdoor Transmitter data is lost, touch and hold the **CHANNEL/+** button for 3 seconds, the search icon will be displayed constantly for 3 minutes. Once the signal is reacquired, the remote search icon  will turn off, and the current values will be displayed.

7.4 Max/Min Viewing and Reset Mode

7.4.1 Max Record Viewing and Reset

In normal mode, press (do not hold) the **MAX/MIN/-** key, the **MAX** icon will be displayed in date area.

Press the **SET** key to view max values of rainfall (1h, 24h, week or month), wind gust and average, UV and sunlight, pressure (ABS or REL), outdoor temperature and humidity (feels like or dew point) and indoor temperature and humidity

Press the **MAX/MIN/-** key for three seconds to clear all Max values.(Rainfall, wind speed, wind gust, pressure, UV and Sunlight, temperature and humidity maximum values).

Press the **SNOOZE** key to exit the min/max checking and reset mode, return to normal display mode.

 **Note:** The Maximum values will display the current values after reset.

7.5.2 Min Record Viewing and Reset

Press the **MAX/MIN/-** key again (do not hold), the **MIN** icon will be displayed. Press the **SET** key to view min values of

pressure (ABS or REL), outdoor temperature and humidity (feels like or dew point), and indoor temperature and humidity

Press the **MAX/MIN/-** key for three seconds to clear all Min values.(pressure, temperature and humidity minimum values).

Press the **SNOOZE** key to exit the min/max checking and reset mode, return to normal display mode.

 **Note:** The Minimum values will display the current values after reset.

7.5 Snooze Mode

If the alarm sounds, and you wish to silence the alarm, press the **SNOOZE** key. The alarm icon will continue to flash and the alarm will silence for five minute.

Press any key (**MAX/MIN/-**, **SET**, **ALARM**, **CHANNEL/+**) to permanently exit the **SNOOZE** mode.

7.6 Backlight Mode

7.6.1 Adjustable Brightness of Backlight

There are 3 levels of brightness of display backlight. When the backlight is on with adapter, press **SNOOZE** key to switch between the 3 levels.

In the brightest backlight of 3 levels, press the **SNOOZE** key to turn off the backlight.

When backlight is off with adapter, press the **SNOOZE** key and the backlight will turn on for 3 levels adjustable backlight.



Note: If the display console plugged into AC adapter power, the time area will display BL ON and the backlight will remain on. It is not recommended leaving the display backlight on for a long period of time when operating on batteries only, or the batteries will run out quickly.



Note: The backlight operation is different when operating on batteries to save power.

8. Alarm Mode

The weather station includes the following alarms:

- | | |
|----------------------------------|----------------------|
| ◆ Time (Alarm 1 and Alarm 2) | ◆ 1h Rainfall |
| ◆ Outdoor Temperature | ◆ 24 Hour Rainfall |
| ◆ Outdoor Humidity | ◆ Absolute Pressure |
| ◆ Outdoor Dew Point | ◆ Relative Pressure |
| ◆ Outdoor Feels Like Temperature | ◆ Indoor Temperature |
| ◆ Wind Gust | ◆ Indoor Humidity |
| ◆ Wind Average | ◆ UV Index |
| | ◆ Sunlight |

8.1 Alarm Triggered

When an alarm condition is exceeded, the alarm icon will flash  (visual) and the alarm beeper will sound (audible). To silence the beeper, press any key.

8.2 View High/Low Alarms Value

To view the current alarm settings, press the **ALARM** key to enter the alarm mode. HI AL 1 will be displayed in the date area. At the same time Alarm 1 time and HI alarm parameters of indoor temperature and humidity, outdoor temperature and humidity, 1h rainfall, wind gust, wind average, absolute pressure, UV index, Sunlight are displayed.

Press **SET** key to view Alarm 2 time and HI alarm parameters of, 24h rainfall, outdoor dew point, feels like and relative pressure.

Press **ALARM** key again to view the LOW alarms along with the alarm clock time in the same way as HI alarms.

Press **ALARM** key again to return to normal mode.

 **Note:** Press the **SNOOZE** key at any time to return to the normal mode in HI/Low alarm mode.

8.3 Setting the Alarms

Press **ALARM** key to enter the alarm mode.

Press and hold the **SET** key for three seconds. The first alarm parameter will begin flashing (alarm hour).

To save the alarm setting and proceed to the next alarm parameter, Press (do not hold) the **SET** key.

To adjust the alarm parameter, press the **CHANNEL/+** key or **MAX/MIN/-** key to increase or decrease the alarm settings, or press and hold the **CHANNEL/+** key or **MAX/MIN/-** key for three seconds to increase or decrease the alarm settings rapidly.

Press the **ALARM** key to turn on (the alarm icon will appear) and off the alarm.

Press the **SNOOZE** key twice at any time to return to the normal mode. After 30 seconds of inactivity, the alarm mode will time out and return to normal mode.

The following is a list of the individual alarm parameters that are set (in order):

- | | |
|---------------------------------|---------------------------------|
| 1.Alarm hour(alarm 1) | 15.Outdoor dew point low alarm |
| 2.Alarm minute(alarm 1) | 16.Rainfall (1h) HI alarm |
| 3.Alarm hour(alarm 2) | 17.Rainfall (24h) HI alarm |
| 4.Alarm minute(alarm 2) | 18.Absolute pressure HI alarm |
| 5.Wind Gust HI alarm | 19.Absolute pressure low alarm |
| 6.Wind average HI alarm | 20.Relative pressure HI alarm |
| 7. Wind Direction Alarm | 21.Relative pressure low alarm |
| 8.Outdoor temp HI alarm | 22.Indoor temperature HI alarm |
| 9.Outdoor temp low alarm | 23.Indoor temperature low alarm |
| 10.Outdoor humidity HI alarm | 24.Indoor humidity HI alarm |
| 11.Outdoor humidity low alarm | 25.Indoor humidity low alarm |
| 12.Outdoor feels like HI alarm | 26.Sunlight HI alarm |
| 13.Outdoor feels like low alarm | 27.UV Index HI alarm |
| 14.Outdoor dew point HI alarm | |

 **Note:** To prevent repetitive temperature alarming, there is a 0.9 °F(0.5°C) tolerance band. For example, if you set the high alarm to 80.0°F(26.7°C) and silence the alarm, the alarm icon will continue to flash until the temperature falls below 80.0°F (26.7°C), at which point, the alarm will reset and must increase above 80.0°F(26.7°C) to activate again.

 **Note:** To prevent repetitive alarming of humidity, there is a 4% tolerance band in humidity alarm. For example, if you set the high alarm to 60% and silence the alarm, the alarm icon will continue to flash until the humidity falls below 56%, at which point, the alarm will reset and must increase above 60% to activate again.

8.4 Alarm and Key Beeper ON/OFF

In normal mode, press and hold the **ALARM** key for three seconds to toggle the **BZ ON** (beeper on) or **BZ OFF** (beeper off) depending on the current setting.

Display console return to normal mode without any operation in three seconds.

9. Optional Calibration Mode

 **Note:** The calibrated value can only be adjusted on the display console. The outdoor remote sensor(s) always displays the un-calibrated or measured value.

 **Note:** The measured humidity range is between 10% and 99%. Humidity cannot be accurately measured outside of this range. Thus, the humidity cannot be calibrated below 10% or above 99%.

The purpose of calibration is to fine tune or correct for any sensor error associated with the devices margin of error. The measurement can be adjusted from the console to calibrate to a known source.

Calibration is only useful if you have a known calibrated source you can compare it against, and is optional. This section discusses practices, procedures and sources for sensor calibration to reduce manufacturing and degradation errors. Do not compare your readings obtained from sources such as the internet, radio, television or newspapers. They are in a different location and typically update once per hour.

The purpose of your weather station is to measure conditions of your surroundings, which vary significantly from location to location.

9.1 Calibration of Temperature Mode

In normal mode, press and hold the **SET** and **CHANNEL/+** keys at the same time for five seconds to enter the temp calibration mode. The indoor temperature will begin flashing.

Press the **CHANNEL/+** key or **MAX/MIN/-** key to increase or decrease the temperature reading (in increments of 0.1). Press

and hold the **CHANNEL/+** key or **MAX/MIN/-** key for three seconds to increase or decrease rapidly.

Press the **ALARM** key to reset current value.

Press the **SET** key switch to outdoor temp calibration mode.

To exit the temperature calibration mode at any time, press the **SNOOZE/LIGHT** or **SET** button on the top of the display console. If no operation is performed, the calibration mode will timeout in 30 seconds.

9.2 Calibration of Humidity Mode

In normal mode, press and hold the **SET** and **MAX/MIN/-** keys at the same time for five seconds to enter into the humidity calibration mode. The indoor humidity will begin flashing.

Press the **CHANNEL/+** key or **MAX/MIN/-** key to increase or decrease the humidity reading (in increments of 1%). Press and hold the **CHANNEL/+** key or **MAX/MIN/-** key for three seconds to increase or decrease rapidly.

Press the **ALARM** key to reset current value.

Press the **SET** key switch to outdoor humidity calibration mode.

To exit the humidity calibration mode at any time, press the **SNOOZE/LIGHT** or **SET** button on the top of the display console. If no operation is performed, the calibration mode will timeout in 30 seconds.



Note: The Humidity is a difficult parameter to measure accurately and drifts over time. The calibration feature allows you to zero out this error. To calibrate humidity, you will need an accurate source, such as a sling psychrometer or Humidipaks One Step Calibration kit.

9.3 Calibration of Sensors Mode

In normal mode, press and hold the **SET** and **ALARM** keys at the same time for five seconds to enter the pressure, wind gust, rainfall and sunlight calibration mode. The letter “CAL” will appear at the bottom of the screen.

Press the **SET** key to skip over a parameter to the next.

◆ Absolute Pressure Calibration

In the calibration mode, the “ABS” symbol will display at the pressure section, the absolute pressure value will flash. (The default value is 0.00 inHg)

Press the **CHANNEL/+** key or **MAX/MIN/-** key to increase or decrease the absolute pressure value (in increments of 0.01 inHg).

Press and hold the **CHANNEL/+** or **MAX/MIN/-** key for three seconds to increase or decrease rapidly.

Press the **ALARM** key to reset current value.

Example: The calibrated pressure sources measure 28.37 inHg. The display console pressure reads 28.75 inHg.
Offset = $28.37 - 28.75 = -0.38$ inHg

◆ Relative Pressure Calibration

In the calibration mode, press the **SET** key again, the “REL” symbol will display at the pressure section, the relative pressure value will flash. (The default value is 0.00 inHg)

Press the **CHANNEL/+** key or **MAX/MIN/-** key to increase or decrease the relative pressure value (in increments of 0.01 inHg).

Press and hold the **CHANNEL/+** or **MAX/MIN/-** key for three seconds to increase or decrease rapidly.

Press the **ALARM** key to reset current value.

Example: The calibrated pressure sources measure 25.00 inHg. The display console pressure reads 24.85 inHg.
Offset = $25.00 - 24.85 = 0.15$ inHg



Note: The display console displays two different pressures: absolute (measured) and relative (corrected to sea-level).

To compare pressure conditions from one location to another, meteorologists correct the pressure to sea-level conditions. Because the air pressure decreases as you rise in altitude, the sea-level corrected pressure (the pressure your location would

be at if located at sea-level) is generally higher than your measured pressure.

Thus, your absolute pressure may read 28.62 inHg (969 mb) at an altitude of 1000 feet (305 m), but the relative pressure is 30.00 inHg (1016 mb).

The standard sea-level pressure is 29.92 in Hg (1013.2hpa). This is the average sea-level pressure around the world. Relative pressure measurements greater than 29.92 inHg (1013.2hpa) are considered high pressure and relative pressure measurements less than 29.92 inHg are considered low pressure.

To determine the relative pressure for your location, locate an official reporting station near from you (the internet is the best source for real-time barometer conditions, such as the website of Weather.com or Wunderground.com), and set your weather station to match the official reporting station.

◆ Wind Speed Calibration

In the calibration mode, press the **SET** button again and the wind speed value will flash (the default is 1.00).

Press the **CHANNEL/+** key or **MAX/MIN/-** key to adjust the wind speed calibration factor from 0.75 to 1.25, where:

Calibrated Wind Speed = Calibration factor x Measured Wind Speed

Press and hold the **CHANNEL/+** or **MAX/MIN/-** key for three seconds to increase or decrease rapidly.

Press the **ALARM** key to reset current value.



Note: The wind gust is also affected by the wind speed calibration factor.



Discussion: Wind speed and wind gust are adversely affected by installation constraints. The rule of thumb is to install the weather station four times the distance of the height of the tallest obstruction (for example, a 6 m house would require an installation 24 m away).

In many instances, due to trees and other obstructions, this is not possible. The wind speed calibration allows you to correct for these obstructions.

In addition to installation challenges, wind speed bearings (any moving part) wears over time. To correct for wear, the correction value can be increased until the wind cups must be replaced.

Without a calibrated source, wind speed is a difficult parameter to measure. We recommend using a calibrated wind meter and constant, high speed fan.

◆ Rain Calibration

In the calibration mode, press the **SET** button again and the rain value will flash (the default is 1.00).

Press the **CHANNEL/+** key or **MAX/MIN/-** key to adjust the rain calibration factor from 0.75 to 1.25, where:

Calibrated Rain = Calibration factor x Measured Rain

Press and hold the **CHANNEL/+** or **MAX/MIN/-** key for three seconds to increase or decrease rapidly.

Press the **ALARM** key to reset current value.



Discussion: The rain collector is calibrated at the factory based on the funnel diameter. The bucket tips every 0.01" of rain (referred to as resolution). The accumulated rainfall can be compared to a sight glass rain gauge with an aperture of at least 4".



Note: that debris and insects can collect inside the tipping mechanism (they make a good spiders nest). Carefully remove the funnel and inspect the tipping mechanism for debris prior to calibration.

◆ Sunlight Calibration

In the calibration mode, press the **SET** button again and the sunlight value will flash (the default is 1.00).

Press the **CHANNEL/+** key or **MAX/MIN/-** key to adjust the rain calibration factor from 0.75 to 1.25, where:

Calibrated Sunlight = Calibration factor x Measured Sunlight

Press and hold the **CHANNEL/+** or **MAX/MIN/-** key for three seconds to increase or decrease rapidly.

Press the **ALARM** key to reset current value.

To exit the Sensor calibration mode at any time, press the **SNOOZE/LIGHT** button on the display console. If no operation is performed, the calibration mode will timeout in 30 seconds.

10. Other Features of Display Console

10.1 Weather Forecasting



Note: The weather forecast or pressure tendency is based on the rate of change of barometric pressure. In general, when the pressure increases, the weather improves (sunny to partly cloudy) and when the pressure decreases, the weather degrades (cloudy to rain).

The weather forecast is an estimation or generalization of weather changes in the next 24 to 48 hours, and varies from location to location. The tendency is simply a tool for projecting weather changing conditions and is never to be relied upon as an accurate method to predict the weather.

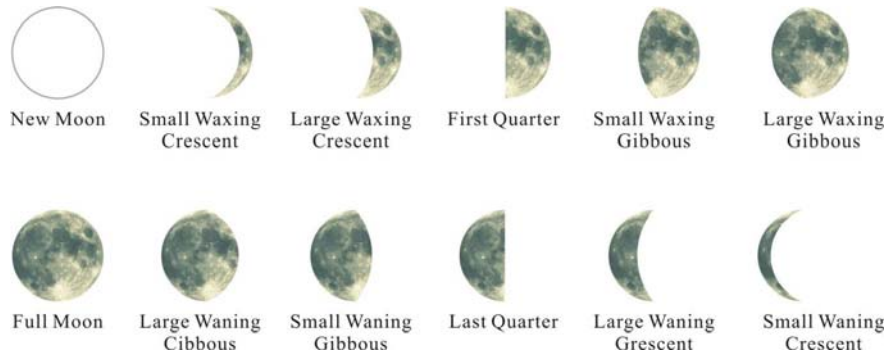
10.2 Weather Icons

Condition	Icon	Description
Sunny		Pressure is rising and the previous condition is partly cloudy.

Partly Cloudy		Pressure is falling and the previous condition is sunny or Pressure is rising and the previous condition is cloudy
Cloudy		Pressure is falling and the previous condition is partly cloudy or Pressure is rising and the previous condition is rainy.
Rainy		Pressure is falling and the previous condition is cloudy

10.3 Moon Phase

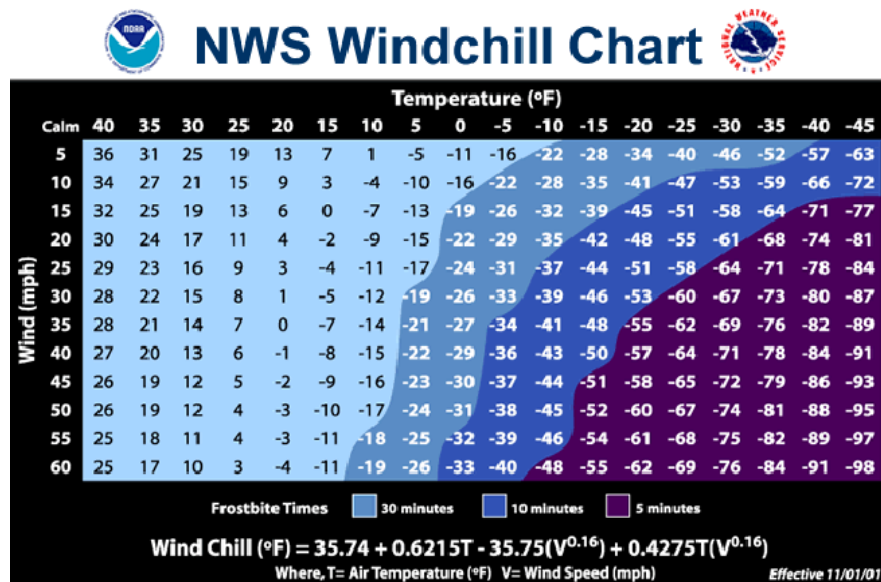
The following moon phases are displayed based on the calendar date.



10.4 Feels Like Temperature

Feels like temperature is a combination of Heat Index and Wind Chill.

1. Temperatures less than 4.4°C(40°F), the wind chill is displayed, as shown in the National Weather Service Wind Chill Table below:



2. Temperatures greater than 26.7°C(80°F), the heat index is displayed, as shown in the National Weather Service Heat Index Table below:

NWS Heat Index		Temperature (°F)															
Relative Humidity (%)		80	82	84	86	88	90	92	94	96	98	100	102	104	106	108	110
	40	80	81	83	85	88	91	94	97	101	105	109	114	119	124	130	136
	45	80	82	84	87	89	93	96	100	104	109	114	119	124	130	137	
	50	81	83	85	88	91	95	99	103	108	113	118	124	131	137		
	55	81	84	86	89	93	97	101	106	112	117	124	130	137			
	60	82	84	88	91	95	100	105	110	116	123	129	137				
	65	82	85	89	93	98	103	108	114	121	128	136					
	70	83	86	90	95	100	105	112	119	126	134						
	75	84	88	92	97	103	109	116	124	132							
	80	84	89	94	100	106	113	121	129								
	85	85	90	96	102	110	117	126	135								
	90	86	91	98	105	113	122	131									
	95	86	93	100	108	117	127										
	100	87	95	103	112	121	132										

Likelihood of Heat Disorders with Prolonged Exposure or Strenuous Activity

Caution
 Extreme Caution
 Danger
 Extreme Danger

10.5 Pressure Threshold Setting

The pressure threshold (the negative or positive rate of change of pressure signifying a change in the weather) can be adjusted from 2 hPa to 4 hPa (default level 2 hPa).

The lower the level pressure threshold setting, the higher sensitivity for weather forecast changes. Locations that experience frequent changes in air pressure require a higher setting compared to locations where the air pressure is typically stagnant.

10.6 Restore Factory Default

To reset the display console to factory default (WiFi network, Weather server and display), press the **MAX/MIN/- key** while plugging in power adaptor at the same time (Take out batteries before starting the reset operation).

FCC Statement

Statement according to FCC part 15.19:

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

Statement according to FCC part 15.21:

Modifications not expressly approved by this company could void the user's authority to operate the equipment.

Statement according to FCC part 15.105:

NOTE: 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.



Warning: The user should be 20CM away from the product when it is used.