



תקלות אפשריות בתחנה מטאורולוגית WIFI

<p>Outdoor sensor array does not communicate to the display console.</p>	<p>The sensor array may have initiated properly and the data is registered by the console as invalid, and the console must be reset. The reset button is next to the LED, near the mounting point on the sensor array, as shown in Figure 11.</p> <p>With an open ended paperclip, press the reset button for 3 seconds to completely discharge the voltage.</p> <p>Take out the batteries and wait one minute, while covering the solar panel to drain the voltage.</p> <p>Put batteries back in and resync with console by powering down and up the console with the sensor array about 10 feet away.</p> <p>Bring the sensor array inside the house (you can disconnect it from the rest of the sensors). The LED next to the battery compartment will flash every 16 seconds. If the LED is not flashing every 16 seconds...</p> <p>Replace the batteries in the outside sensor array. Non-rechargeable batteries are OK for testing purposes.</p> <p>If the batteries were recently replaced, check the polarity. If the sensor is flashing every 48 seconds, proceed to the next step.</p> <p>There may be a temporary loss of communication due to reception loss related to interference or other location factors,</p> <p>or the batteries may have been changed in the sensor array and the console has not been reset. The solution may be as simple as powering down and up the console.</p>
<p>Problem</p> <p>Wireless remote (thermo-hygrometer) not reporting in to console.</p> <p>There are dashes on the display console.</p>	<p>Solution</p> <p>The maximum line of sight communication range is about 300'. Move the sensor assembly closer to the display console.</p> <p>Resynchronize the remote sensor(s). Reference Section 6.6.</p> <p>Install a fresh set of batteries in the remote sensor(s).</p> <p>Make sure the remote sensors are not transmitting through solid metal (acts as an RF shield), or earth barrier (down a hill).</p> <p>Radio Frequency (RF) Sensors cannot transmit through metal barriers (example, aluminum siding) or multiple, thick walls.</p> <p>Move the display console around electrical noise generating devices, such as computers, TVs and other wireless transmitters or receivers.</p>

Problem	Solution
	<p>Replace the batteries in the outside sensor array. Non-rechargeable batteries are OK for testing purposes.</p> <p>With the sensor array and console 10 feet away from each other, remove AC power from the display console and wait 10 seconds. Re-connect power.</p>
Temperature sensor reads too high in the day time.	<p>Make certain that the sensor array is not too close to heat generating sources or structures, such as buildings, pavement, walls or air conditioning units.</p> <p>Use the calibration feature to offset installation issues related to radiant heat sources. Reference 6.5.</p>
Absolute pressure does not agree with official reporting station	<p>You may be viewing the relative pressure, not the absolute pressure.</p> <p>Select the absolute pressure. Make sure you properly calibrate the sensor to an official local weather station. Reference Section 6.5 for details.</p>
Rain gauge reports rain when it is not raining	<p>An unstable mounting solution (sway in the mounting pole) may result in the tipping bucket incorrectly incrementing rainfall. Make sure you have a stable, level mounting solution.</p>
Data not reporting to Wunderground.com	<ol style="list-style-type: none"> 1. Confirm your password is correct. It is the password you registered on Wunderground.com. Your Wunderground.com password cannot begin with a non-alphanumeric character (a limitation of Wunderground.com, not the station). Example, \$oewkrf is not a valid password, but oewkrf\$ is valid. 2. Confirm your station ID is correct. The station ID is all caps, and the most common issue is substituting an O for a 0 (or visa versa). Example, KAZPHOEN11, not KAZPH0EN11 3. Make sure the date and time is correct on the console. If incorrect, you may be reporting old data, not real time data. 4. Make sure your time zone is set properly. If incorrect, you may be reporting old data, not real time data. 5. Check your router firewall settings. The console sends data via Port 80.
No WiFi connection	<ol style="list-style-type: none"> 1. Check for WiFi signal strength symbol on the display . If wireless connectivity is successful and reporting to Wunderground.com, the WiFi icon  will be displayed under the wind chill display on the home page. 2. Make sure your modem WiFi settings are correct (network name, password and security settings).
Heat Index is not showing on the display	<p>The heat index is not displayed for values less than 80 °F.</p>
Sunrise and sunset is incorrect	<p>Make certain your time zone, longitude and latitude are set properly.</p>