

Wireless Vantage Pro 2™ & Vantage Pro Plus 2™ Stations

Including Fan-Aspirated Models

6152
6162
6153
6163

VANTAGE PRO 2

The Vantage Pro2™ (6152, 6153) and Vantage Pro2™ Plus (6162, 6162) Wireless Weather Stations include two components: the Integrated Sensor Suite (ISS) which houses and manages the external sensor array; and the console which provides the user interface, data display, A/D conversion, and calculations. The ISS and Vantage Pro2 console communicate via an FCC-certified, license-free frequency hopping transmitter and receiver. User-selectable transmitter ID codes allow up to eight stations to coexist in the same geographic area. The frequency hopping spread spectrum technology provides greater communication strength over longer distances and areas or weaker reception. The Wireless Vantage Pro2™ Plus weather station includes two additional sensors that are optional on the Vantage Pro2: the UV sensor and the solar radiation sensor. The console may be powered by batteries or by the included AC-power adapter. The wireless ISS is solar powered with a battery backup. Use WeatherLink™ for Vantage Pro and Vantage Pro2 to let your weather station interface with a computer, to log weather data, and to upload weather information to the internet.

The 6152 and 6162 rely on passive shielding to reduce solar-radiation induced temperature errors in the outside temperature sensor readings. The Fan-aspirated 6153 and 6163 combine passive shielding with a solar-powered fan that draws outside air in over the temperature and humidity sensors, providing a much more accurate temperature reading than that available using passive shielding alone.

Specifications

Console

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| Console Operating Temperature | +14° to +140°F (-10° to +60°C) |
| Display Temperature | +32° to +140°F (0° to +60°C) |
| Non-operating Temperature | -5° to +158°F (-20° to +70°C) |
| Current Draw | 0.90 mA average, 20 mA peak, (plus 120 mA for display lamps, plus 0.125 mA for each optional wireless transmitter received by the console) at 4 to 6 VDC |
| AC Power Adapter | 5 VDC, 900 mA, regulated |
| Batteries | 3 C-cells |
| Battery Life | up to 9 months |
| Connectors | Modular RJ-11 |
| Housing Material | UV-resistant ABS plastic |
| Console Display Type | LCD Transflective |
| Dimensions | |
| Console with antenna | 10.375" x 6.125" x 1.5" (264 mm x 156 mm x 38 mm) |
| Display | 5.94" x 3.375" (151 mm x 86 mm) |
| Weight (with batteries) | 1.88 lbs. (.85 kg) |

Integrated Sensor Suite (ISS)

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| Operating Temperature | -40° to +150°F (-40° to +65°C) |
| Non-operating Temperature | -50° to +158°F (-45° to +70°C) |
| Current Draw (ISS SIM only) | 0.14 mA (average), 30 mA (peak) at 4 to 6 VDC |
| Solar Power Panel (ISS SIM / Fan) | 0.5 watts / .75 watts |
| Battery (ISS SIM / Fan (Fan-Aspirated)) | CR-123 3-Volt Lithium cell / 2 - 1.2 Volt NiCad C-cells |
| Battery Life (3-Volt Lithium cell) | 8 months without sunlight - greater than 2 years depending on solar charging |
| Battery Life (NiCad C-cells) | 1 year |
| Fan Aspiration Rate (Fan-Aspirated) | 190 feet/min. (0.9 m/s) (full sun), 80 feet/min. (0.4 m/s) (battery only) |
| Connectors, Sensor | Modular RJ-11 |
| Cable Type | 4-conductor, 26 AWG |
| Cable Length, anemometer | 40' (12 m) (included) 540' (165 m) (maximum recommended) |
| Wind Speed Sensor | Wind cups with magnetic switch |
| Wind Direction Sensor | Wind vane with potentiometer |
| Rain Collector Type | Tip bucket, 0.01" per tip (0.2 mm with metric rain adapter), 33.2 in ² (214 cm ²) collection area |
| Temperature Sensor Type | Thermistor |
| Relative Humidity Sensor Type | Film capacitor element |
| Housing Material | UV-resistant ABS plastic |
| Dimensions | |
| 6152, 6162 | 11.0" x 9.375" x 15.25" (279 mm x 238 mm x 388 mm) |
| 6153, 6163 | 11.0" x 9.375" x 21.0" (279 mm x 238 mm x 533 mm) |
| Weight | |
| 6152, 6162 | 5.7 lbs. (2.6 kg) / 6.1 lbs. (2.8 kg) |
| 6153, 6163 | 9.7 lbs. (4.4 kg) / 10.1 lbs. (4.6 kg) |

Wireless Vantage Pro 2™ & Vantage Pro Plus 2™ Stations

VANTAGE PRO2™

Wireless Communications

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|--------------------------------------|---|
| Transmit/Receive Frequency | US Models: 902-928 MHz FHSS, Overseas Models: 868.0 - 868.6 MHz FHSS. |
| ID Codes Available | 8 |
| Output Power | 902-928 MHz FHSS: FCC-certified low power, less than 8 mW, no license required 868.0 - 868.6 MHz FHSS: CE-certified, less than 8 mW, no license required |
| Range | |
| Line of Sight | up to 1000 feet (300 m) |
| Through Walls | 200 to 400 feet (75 to 150 m) |

Sensor Inputs

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| RF Filtering | RC low-pass filter on each signal line |
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Sensor Outputs (as displayed on console)

General

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| Historical Data | Includes the past 24 values listed unless otherwise noted; all can be cleared and all totals reset |
| Daily Data | Includes the earliest time of occurrence of highs and lows; period begins/ends at 12:00 am |
| Monthly Data | Period begins/ends at 12:00 am on the first of the month |
| Yearly Data | Period begins/ends at 12:00 am on the first of January unless otherwise noted |
| Current Data | Current data appears in the right most column in the console graph and represents the latest value within the last period on the graph; totals can be set or reset |
| Graph Time Interval | 1 min., 10 min., 15 min., 1 hour, 1 day, 1 month, 1 year (user-selectable, availability depends upon variable selected) |
| Graph Time Span | 24 Intervals + Current Interval (see Graph Intervals to determine time span) |
| Graph Variable Span (Vertical Scale) | Automatic (varies depending upon data range); Maximum and Minimum value in range appear in ticker |
| Alarm Indication | Alarms sound for only 2 minutes (time alarm is always 1 minute) if operating on battery power. Alarm message is displayed in ticker as long as threshold is met or exceeded. Alarms can be silenced (but not cleared) by pressing the DONE key. |
| Update Interval | Varies with sensor - see individual sensor specs Also varies with transmitter ID code - #1=shortest, #8=longest |

Forecast

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| Variables Used | Barometric Reading & Trend, Wind Speed & Direction, Rainfall, Temperature, Humidity, Latitude & Longitude, Time of Year |
| Update Interval | 1 hour |
| Display Format | Icons on top center of display; detailed message in ticker at bottom |
| Variables Predicted | Sky Condition, Precipitation, Temperature Changes, Wind Direction and Speed Changes |

Outside Temperature (sensor located in ISS)

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| Resolution and Units | Current Data: 0.1°F or 1°F or 0.1°C or 1°C (user-selectable) nominal (see Fig. 1) Historical Data and Alarms: 1°F or 1°C (user-selectable) |
| Range | -40° to +150°F (-40° to +65°C) |
| Sensor Accuracy | ±1°F (±0.5°C) up to 110°F (43°C), ±2°F (±1°C) over 110°F (43°C) (see Fig. 2) |
| Radiation Induced Error (Passive Shield) | +4°F (2°C) at solar noon (insolation = 1040 W/m ² , avg. wind speed ≤ 2 mph (1 m/s)) (reference: RM Young Model 43408 Fan-Aspirated Radiation Shield) |
| Radiation Induced Error (Fan-Aspirated) | +0.6°F (0.3°C) at solar noon (insolation = 1040 W/m ² , avg. wind speed ≤ 2 mph (1 m/s)) (reference: RM Young Model 43408 Fan-Aspirated Radiation Shield) |
| Update Interval | 10 to 12 seconds |
| Current Data | Instant Reading (user adjustable); Daily, Monthly, Yearly High and Low |
| Historical Data | Hourly Readings; Daily, Monthly, Yearly Highs and Lows |
| Alarms | High and Low Thresholds from Instant Reading |

Extra Temperature Sensors or Probes

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|--------------------------------|--|
| Resolution and Units | 1°F or 1°C (user-selectable) Historical Data and Alarms: 1°F or 1°C (user-selectable) |
| Range | -40° to +150°F (-40° to +65°C) |
| Sensor Accuracy | ±1°F (±0.5°C) up to 110°F (43°C), ±2°F (±1°C) over 110°F (43°C) (see Fig. 2) |

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| Update Interval | 10 to 12 seconds (40 to 48 seconds for Leaf Wetness/Temperature and Soil Moisture/Temperature Stations) |
| Current Data | Instant Reading (user adjustable) |
| Alarms | High and Low Thresholds from Instant Reading |
| Inside Temperature (sensor located in console) | |
| Resolution and Units | Current Data: 0.1°F or 1°F or 0.1°C or 1°C (user-selectable) Historical Data and Alarms: 1°F or 1°C (user-selectable) |
| Range | +32° to +140°F (0° to +60°C) |
| Sensor Accuracy | ±1°F (±0.5°C) up to 110°F (43°C), ±2°F (±1°C) over 110°F (43°C) |
| Update Interval | 1 minute |
| Current Data | Instant Reading (user adjustable); Daily and Monthly High and Low |
| Historical Data | Hourly Readings; Daily and Monthly Highs and Lows |
| Alarms | High and Low Thresholds from Instant Reading |
| Wind Speed | |
| Resolution and Units | 1 mph, 1 km/h, 0.1 m/s, or 1 knot (user-selectable) |
| Range (large wind cups) | 2 to 150 mph, 2 to 130 knots, 1 to 67 m/s, 3 to 241 km/h |
| Range (small wind cups) | 3 to 175 mph, 3 to 150 knots, 1.5 to 79 m/s, 5 to 282 km/h |
| Update Interval | Instant Reading: 2.5 to 3 seconds, 10-minute Average: 1 minute |
| Accuracy (large wind cups) | ±2 mph (2 kts, 3 km/h, 1 m/s) or ±5%, whichever is greater |
| Accuracy (small wind cups) | ±3 mph (3 kts, 5 km/h, 1.5 m/s) or ±5%, whichever is greater |
| Maximum Cable Length | 540' (165 m) |
| Current Data | Instant Reading; 10-minute and Hourly Average; Hourly High; Daily, Monthly and Yearly High with Direction of High |
| Historical Data | 10-min. and Hourly Averages; Hourly Highs; Daily, Monthly and Yearly Highs with Direction of Highs |
| Alarms | High Thresholds from Instant Reading and 10-minute Average |
| Wind Direction | |
| Display Resolution | 16 points (22.5°) on compass rose, 1° in numeric display |
| Accuracy | ±7° |
| Update Interval | 2.5 to 3 seconds |
| Current Data | Instant Reading (user adjustable); 10-min. Dominant; Hourly, Daily, Monthly Dominant |
| Historical Data | Past 6 10-min. Dominants on compass rose only; Hourly, Daily, Monthly Dominants |
| Wind Chill (Calculated) | |
| Resolution and Units | 1°F or 1°C (user-selectable) |
| Range | -110° to +130°F (-79° to +54°C) |
| Accuracy | ±2°F (±1°C) (typical) |
| Update Interval | 10 to 12 seconds |
| Source | United States National Weather Service (NWS)/NOAA |
| Equation Used | Osczevski (1995) (adopted by US NWS in 2001) |
| Variables Used | Instant Outside Temperature and 10-min. Avg. Wind Speed |
| Current Data | Instant Calculation; Hourly, Daily and Monthly Low |
| Historical Data | Hourly, Daily and Monthly Lows |
| Alarm | Low Threshold from Instant Calculation |
| Rainfall | |
| Resolution and Units | 0.01" or 0.25 mm (user-selectable) (1 mm at totals ≥ 2000 mm) |
| Daily/Storm Rainfall Range | 0 to 99.99" (0 to 9999 mm) |
| Monthly/Yearly/Total Rainfall Range | 0 to 199.99" (0 to 19999 mm) |
| Rain Rate | 0 to 199.99" (0 to 19999 mm) |
| Accuracy | For rain rates up to 2"/hr (50 mm/hr): ±4% of total or +0.01" (0.25 mm) (0.01" = one tip of the bucket), whichever is greater For rain rates from 2"/hr (50 mm/hr) to 4"/hr (100 mm/hr): ±5% of total or +0.01" (0.25 mm) (0.01" = one tip of the bucket), whichever is greater |
| Update Interval | 10 to 12 seconds |
| Storm Determination Method | 0.02" (0.5 mm) begins a storm event, 24 hours without further accumulation ends a storm event |
| Current Data | Totals for Past 15-min, Past 24-hour, Daily, Monthly, Yearly (start date user-selectable) and Storm (with begin date); Umbrella is displayed when 15 minute Total exceeds zero |
| Historical Data | Totals for 15-min, Daily, Monthly, Yearly (start date user-selectable) and Storm (with begin and end dates) |
| Alarms | High Threshold from Latest Flash Flood (15-min. Total, default is 0.50", 12.7 mm), 24-hour Total, Storm Total, |
| Range for Rain Alarms | 0 to 99.99" (0 to 999.7 mm) |
| Rain Rate | |
| Resolution and Units | 0.01" or 0.25 mm (user-selectable) at typical rates (see Fig. 3 and 4) |
| Range | 0, 0.04"/hr (1 mm/hr) to 100"/hr (0 to 1999.9 mm/hr) |

Wireless Vantage Pro 2™ & Vantage Pro Plus 2™ Stations

VANTAGE PRO2™

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| Accuracy | ±5% or ±0.04"/hr (1 mm/hr) (up to 10"/hr. (250 mm/hr.)), whichever is greater |
| Update Interval | 10 to 12 seconds |
| Calculation Method | Measures time between successive tips of rain collector. Elapsed time greater than 15 minutes or only one tip of the rain collector constitutes a rain rate of zero. |
| Current Data | Instant and 1-min. Reading; Hourly, Daily, Monthly and Yearly High |
| Historical Data | 1-min Reading; Hourly, Daily, Monthly and Yearly Highs |
| Alarm | High Threshold from Instant Reading |
| Barometric Pressure (sensor located in console) | |
| Resolution and Units | 0.01" Hg, 0.1 mm Hg, 0.1 hPa/mb (user-selectable) |
| Corrected Range | 26.00" to 32.00" Hg, 660.0 to 810.0 mm Hg, 880.0 to 1080.0 hPa/mb |
| Uncorrected Range | 18.00" to 33.50" Hg, 457.0 to 850.0 mm Hg, 592.0 to 1130.0 hPa/mb |
| Elevation Range | -999' to +12,500' (-305 m to 3810 m) |
| Uncorrected Reading Accuracy | ±0.03" Hg (±0.8 mm Hg, ±1.0 hPa/mb) (at room temperature) |
| Sea-Level Reduction Equation Used | United States Method employed prior to use of current "R Factor" method |
| Equation Source | Smithsonian Meteorological Tables |
| Equation Accuracy | ±0.01" Hg (±0.3 mm Hg, ±0.3 hPa/mb) |
| Elevation Accuracy Required | ±10' (3m) to meet equation accuracy specification |
| Overall Accuracy | ±0.04" Hg (±1.0 mm Hg, ±1.4 hPa/mb) |
| Trend (change in 3 hours) | Change \leq 0.6" (2 hPa/mb, 1.5 mm Hg) = Rapidly Change \leq 0.2" (.7hPa/mb, .5 mm Hg)= Slowly |
| Trend Indication | 5 position arrow: Rising (rapidly or slowly), Steady, or Falling (rapidly or slowly) |
| Update Interval | 15 minutes or when console BAR key is pressed twice |
| Current Data | Instant, 15-min., and Hourly Reading; Daily, Monthly, High and Low |
| Historical Data | 15-min. and Hourly Reading; Daily, Monthly Highs and Lows |
| Alarms | High Threshold from Current Trend for Storm Clearing (Rising Trend) Low Threshold from Current Trend for Storm Warning (Falling Trend) |
| Range for Rising and Falling Trend Alarms | 0.01 to 0.25" Hg (0.1 to 6.4 mm Hg, 0.1 to 8.5 hPa/mb) |
| Inside Relative Humidity (sensor located in console) | |
| Range | 10 to 90% RH |
| Accuracy | ±5% |
| Update Interval | 1 minute |
| Current Data | Instant (user adjustable) and Hourly Reading; Daily, Monthly High and Low |
| Historical Data | Hourly Readings; Daily, Monthly Highs and Lows |
| Alarms | High and Low Threshold from Instant Reading |
| Outside Relative Humidity (sensor located in ISS) | |
| Range | 1 to 100% RH |
| Accuracy | ±3% (0 to 90% RH), ±4% (90 to 100% RH) |
| Temperature Coefficient | 0.03% per °F (0.05% per °C), reference 68°F (20°C) |
| Drift | ±0.5% per year |
| Update Interval | 50 seconds to 1 minute |
| Current Data | Instant (user adjustable) and Hourly Reading; Daily, Monthly High and Low |
| Historical Data | Hourly Readings; Daily, Monthly Highs and Lows |
| Alarms | High and Low Threshold from Instant Reading |
| Extra Outside Relative Humidity (sensor located inside Temperature/Humidity Station) | |
| Range | 0 to 100% RH |
| Accuracy | ±3% (0 to 90% RH), ±4% (90 to 100% RH) |
| Temperature Coefficient | 0.03% per °F (0.05% per °C), reference 68°F (20°C) |
| Drift | ±0.5% per year |
| Update Interval | 50 seconds to 1 minute |
| Current Data | Instant Reading (user adjustable) |
| Alarms | High and Low Threshold from Instant Reading |
| Dewpoint (calculated) | |
| Resolution and Units | 1°F or 1°C (user-selectable) |
| Range | -105° to +130°F (-76° to +54°C) |
| Accuracy | ±3°F (±1.5°C) (typical) |
| Update Interval | 10 to 12 seconds |
| Source | World Meteorological Organization (WMO) |
| Equation Used | WMO Equation with respect to saturation of moist air over water |
| Variables Used | Instant Outside Temperature and Instant Outside Relative Humidity |
| Current Data | Instant Calculation; Daily, Monthly High and Low |
| Historical Data | Hourly Calculations; Daily, Monthly Highs and Lows |
| Alarms | High and Low Threshold from Instant Calculation |
| Heat Index (calculated) | |
| Resolution and Units | 1°F or 1°C (user-selectable) |
| Range | -40° to +135°F (-40° to +57°C) |

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|---|--|
| Accuracy | ±3°F (±1.5°C) (typical) |
| Update Interval | 10 to 12 seconds |
| Source | United States National Weather Service(NWS)/NOAA |
| Formulation Used | Steadman (1979) modified by US NWS/NOAA and Davis Instruments to increase range of use |
| Variables Used | Instant Outside Temperature and Instant Outside Relative Humidity |
| Current Data | Instant Calculation; Daily, Monthly High |
| Historical Data | Hourly Calculations; Daily, Monthly Highs |
| Alarm | High Threshold from Instant Calculation |
| Evapotranspiration (calculated, requires solar radiation sensor) | |
| Resolution and Units | 0.01" or 0.25 mm (user-selectable) |
| Range | Daily to 99.99" (999.9 mm); Monthly & Yearly to 199.99" (1999.9 mm) |
| Accuracy | Greater of 0.01" (0.25 mm) or ±5%, Reference: side-by-side comparison against a CIMIS ET weather station |
| Update Interval | 1 hour |
| Calculation and Source | Penman-Monteith Equation as implemented by CIMIS (California Irrigation Management Information System) including Net Radiation calculation |
| Current Data | Latest Hourly Total Calculation, Daily, Monthly, Yearly Total |
| Historical Data | Hourly, Daily, Monthly, Yearly Totals |
| Alarm | High Threshold from Latest Daily Total Calculation |
| Solar Radiation (requires solar radiation sensor) | |
| Resolution and Units | 1 W/m ² |
| Range | 0 to 1800 W/m ² |
| Accuracy | ±5% of full scale (Reference: Eppley PSP at 1000 W/m ²) |
| Drift | up to ±2% per year |
| Cosine Reponse | ±3% for angle of incidence from 0° to 75° |
| Temperature Coefficient | -0.067% per °F (-0.12% per °C); reference temperature = 77°F (25 °C) |
| Update Interval | 50 seconds to 1 minute (5 minutes when dark) |
| Current Data | Instant Reading and Hourly Average; Daily, Monthly High |
| Historical Data | Hourly Average, Daily, Monthly Highs |
| Alarm | High Threshold from Instant Reading |
| Temperature Humidity Sun Wind Index (requires solar radiation sensor) | |
| Resolution and Units | 1°F or 1°C (user-selectable) |
| Range | -90° to +135°F (-68° to +64°C) |
| Accuracy | ±4°F (±2°C) (typical) |
| Update Interval | 10 to 12 seconds |
| Sources and Formulation Used | United States National Weather Service(NWS)/NOAA Steadman (1979) modified by US NWS/NOAA and Davis Instruments to increase range of use and allow for cold weather use |
| Variables Used | Instant Outside Temperature, Instant Outside Relative Humidity, 10-minute Average Wind Speed, 10-minute Average Solar Radiation |
| Formulation Description | Uses Heat Index as base temperature, affects of wind and solar radiation are either added or subtracted from this base to give an overall effective temperature |
| Current Data | Instant and Hourly Calculation; Daily, Monthly High |
| Historical Data | Hourly Calculation; Daily, Monthly Highs |
| Alarm | High Threshold from Instant Reading |
| Ultra Violet (UV) Radiation Index (requires UV sensor) | |
| Resolution and Units | 0.1 Index |
| Range | 0 to 16 Index |
| Accuracy | ±5% of full scale (Reference: Yankee UVB-1 at UV index 10 (Extremely High)) |
| Cosine Reponse | ±4% (0° to 65° incident angle); 9% (65° to 85° incident angle) |
| Update Interval | 50 seconds to 1 minute (5 minutes when dark) |
| Current Data | Instant Reading and Hourly Average; Daily, Monthly High |
| Historical Data | Hourly Average, Daily, Monthly Highs |
| Alarm | High Threshold from Instant Calculation |
| Ultra Violet (UV) Radiation Dose (requires UV sensor) | |
| Resolution and Units | 0.1 MEDs to 19.9 MEDs; 1 MED above 19.9 MEDS |
| Range | 0 to 199 MEDs |
| Accuracy | ±5% of daily total |
| Drift | up to ±2% per year |
| Update Interval | 50 seconds to 1 minute (5 minutes when dark) |
| Current Data | Latest Daily Total (user resetable at any time from Current Screen) |
| Historical Data | Hourly, Daily Totals (user reset from Current Screen does not affect these values) |
| Alarm | High Threshold from Daily Total |
| Alarm Range | 0 to 19.9 MEDs |

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Soil Moisture (requires soil moisture Sensor)

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| Resolution | 1 cb |
| Range | 0 to 200 cb |
| Update Interval | 62.5 to 75 seconds |
| Current Data | Instant Reading; Daily and Monthly High and Low |
| Historical Data | Hourly Readings; Daily and Monthly Highs and Lows |
| Alarms | High and Low Thresholds from Instant Reading |

Leaf Wetness (requires leaf wetness Sensor)

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|-------------------|--|
| Resolution | 1 |
| Range | 0 to 15 |
| Dry/Wet Threshold | User-selectable |
| Accuracy | ±0.5 |
| Update Interval | (to be provided) |
| Current Data | Instant Reading; Daily High and Low; Monthly High |
| Historical Data | Hourly Readings; Daily Highs and Lows; Monthly Highs |
| Alarms | High and Low Thresholds from Instant Reading |

Moon Phase

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|------------------------|--|
| Console Resolution | 1/8 (12.5%) of a lunar cycle, 1/4 (25%) of lighted face on console |
| WeatherLink Resolution | 0.09% of a lunar cycle, 0.18% of lighted face maximum (depends on screen resolution) |
| Range | New Moon, Waxing Crescent, First Quarter, Waxing Gibbous, Full Moon, Waning Gibbous, Last Quarter, Waning Crescent |
| Accuracy | ±38 minutes |

Sunrise and Sunset

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|------------|---------------------------------|
| Resolution | 1 minute |
| Accuracy | ±1 minute |
| Reference | United States Naval Observatory |

Clock

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|-------------|--|
| Resolution | 1 minute |
| Units | Time: 12 or 24 hour format (user-selectable) Date: US or International format (user-selectable) |
| Accuracy | ±8 seconds/month |
| Adjustments | Time: Automatic Daylight Savings Time (for users in North America, Europe and Australia that observe it in AUTO mode, MANUAL setting available for all other areas) Date: Automatic Leap Year |
| Alarms | Once per day at set time when active |

Sensor Charts

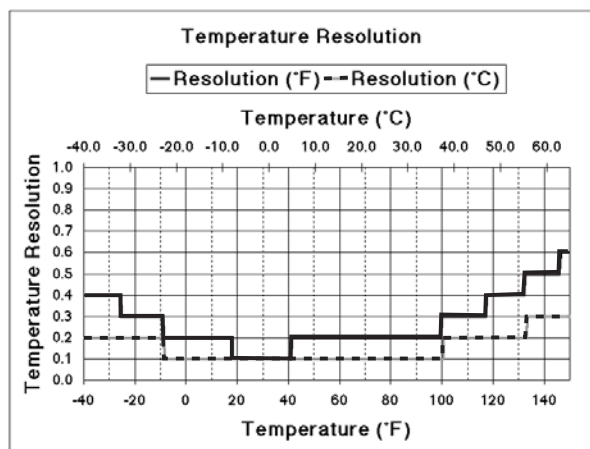


Figure 1. Temperature Resolution

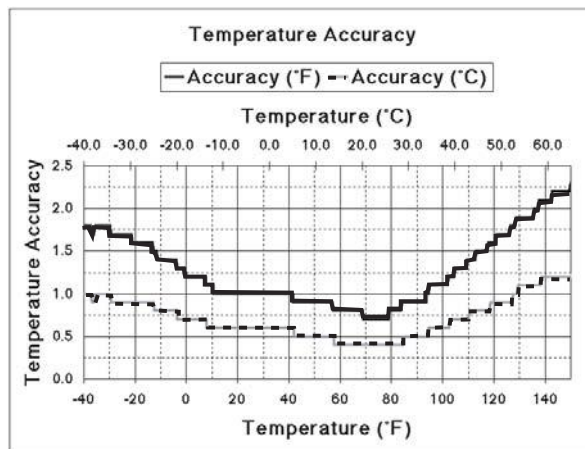


Figure 2. Temperature Accuracy

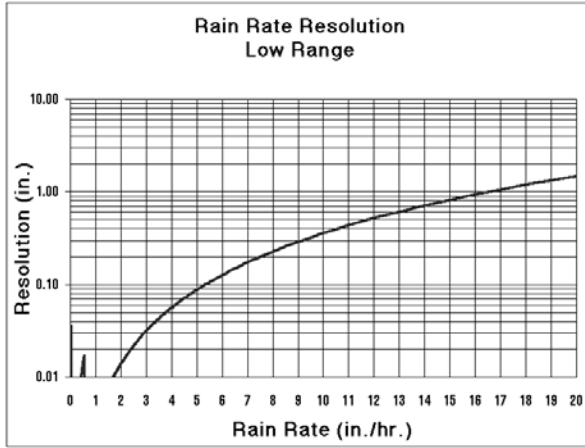


Figure 3. Low Range Rain Rate Resolution

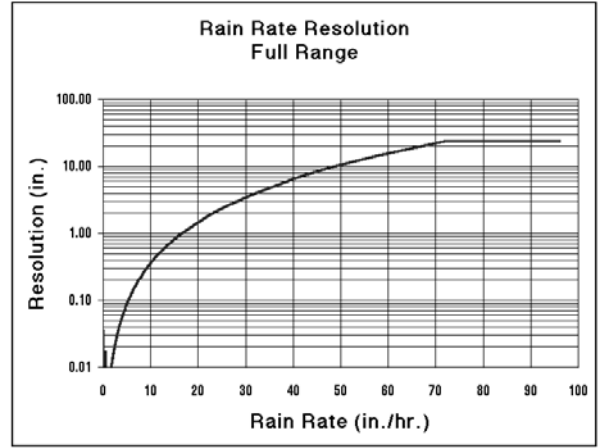


Figure 4. Full Range Rain Rate Resolution

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