Except for rainfall, all variables are measured in U.S. units of measure and rounded to the nearest metric unit shown in the "Resolution" column.

Function		Vantage Pro2	Vantage Vue	U.S.A. Units RESOLUTION	RANGE	ACCURACY ±	Metric Units RESOLUTION	RANGE	ACCURACY ±
AGRICULTURAL	Evapotranspiration	●		0.01"	0 to 199.99"	5%	0.1 mm	0 to 1999.9 mm	5%
	Growing Degree-Days	○		0.1 Degree-Day	Unlimited		0.1 Degree-Day	Unlimited	
	Cooling/Heating Degree-Days	○	✔	0.1 Degree-Day	Unlimited		0.1 Degree-Day	Unlimited	
	Leaf Wetness	●		1	0 to 15	0.5	1	0 to 15	0.5
	Soil Moisture	●		1 cb	0 to 200 cb		1 cb	0 to 200 cb	
BAROMETRIC PRESSURE	Barometric Pressure (Elevation range: -999' to +15,000'; -600 to +4570 m)	✔	✔	0.01" Hg	16" to 32.5" Hg	0.03" Hg	0.1 mm Hg 0.1 mb	410 to 820 mm Hg 540 to 1100 mb or hPa	0.8 mm Hg 1.0 mb or hPa
	Three-Hour Trend	✔	✔	Slow ≥ 0.02" Hg Rapid ≥ 0.06" Hg	5-Position Arrow		Slow ≥ 0.5 mm (0.7 mb) Rapid ≥ 1.5 mm (2 mb)	5-Position Arrow	
HUMIDITY	Inside Humidity	✔	✔	1%	1% to 100%	3%	1%	1% to 100%	3%
	Outside Humidity	✔	✔	1%	1% to 100%	3%	1%	1% to 100%	3%
	Inside Dew Point	○	○	0.1°F	−60° to +140°F	3°F	0.1°C	−50° to +60°C	1.5°C
	Outside Dew Point	✔	✔	1°F	−105° to +130°F	3°F	1°C	−76° to +54°C	1.5°C
RAINFALL	Rainfall	✔	✔	0.01"	0 to 199.99"	4%	0.2 mm	0 to 6553 mm	4%
	Rate of Rainfall	✔		0.01"/hr	0 to 96"/hr	5% ≤ 5"/hr	0.1 mm/hr	0 to 2438 mm/hr	5% ≤ 127 mm/hr
			✔		0 to 40"/hr			0 to 1016 mm/hr	
SOLAR & UV	Solar Radiation	●		1 W/m2	0 to 1800 W/m2	5%	1 W/m2	0 to 1800 W/m2	5%
	Solar Energy	○		0.1 Ly	1999.9 Ly	5%	0.1 Ly	1999.9 Ly	5%
	UV Dose	●		0.1 MEDs	0 to 199 MEDs	5%	0.1 MEDs	0 to 199 MEDs	5%
	UV Index	●		0.1	0 to 16	5%	0.1	0 to 16	5%
TEMPERATURE	Inside Temperature	✔	✔	0.1°F	+32° to +140°F	1°F	0.1°C	0° to +60°C	0.5°C
	Outside Temperature (ISS)	✔	✔	0.1°F	−40° to +150°F	1°F	0.1°C	−40° to +65°C	0.5°C
	Outside Temp (Temp Stn)	●		1°F	−40° to +150°F	1°F	1°C	−40° to +65°C	0.5°C
	Soil or Water Temperature	●		1°F	−40° to +150°F	1°F	1°C	−40° to +65°C	0.5°C
	Inside Heat Index	○	○	0.1°F	+30°F to +165°F	3°F	0.1°C	−1°C to +74°C	1.5°C
	Outside Heat Index	✔	✔	1°F	−40° to +165°F	3°F	1°C	−40° to +74°C	1.5°C
	Temp-Hum-Sun-Wind Index	●		1°F	−90° to +165°F	4°F	1°C	−68° to +74°C	2°C
	Wind Chill	✔	✔	1°F	−110° to +135°F	2°F	1°C	−79° to +57°C	1°C
TIME/DATE	Time	✔	✔	1 minute	12/24 hours	8 sec/mo	1 minute	12/24 hours	8 sec/mo
	Date	✔	✔	month/day	Leap Year	8 sec/mo	day/month	Leap Year	8 sec/mo
	Sunrise & Sunset	✔	✔	1 minute	12 hours	1 minute	1 minute	24 hours	1 minute
WIND	Wind Direction	✔	✔	1°	0° to 360°	3°	1°	0° to 360°	3°
	Compass Rose	✔	✔	22.5°	16 compass points		22.5°	16 compass points	
	Wind Speed	✔	✔	1 mph 1 knot	2 to 180 mph 2 to 156 knots	5%	0.1 m/s 1 km/hr	1 to 80 m/s 3 to 290 km/hr	5%
	Direction of High Speed	✔	✔	22.5°	16 compass points		22.5°	16 compass points	
	Wind Run	○	○	0.01 mph 0.01 knot	Unlimited	5%	0.01 m/s 0.01 km/hr	Unlimited	5%

✔ Included
● Optional sensor required, shown on console
○ Optional, requires WeatherLink.
 Growing degree-days also requires Ag/Turf Management Module. Solar Energy requires Solar Radiation sensor.

"Resolution" refers to the number of digits or decimal places displayed on the console. For metric units, this is not the actual unit of measure except for rainfall. Our rain collector measures in true 0.01" or 0.2 mm increments. All other weather variables are measured and accumulated in U.S. units of measure, which are then converted to metric units for display purposes.

For complete specifications, visit our web site at www.davisnet.com, then click on Support » Weather Support » Specification Sheets.