

Weather Stations Dats Sheets



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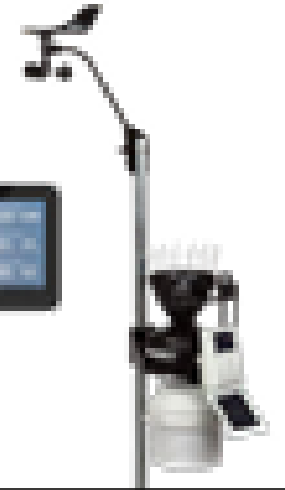
Vantage Vue
Shown here: 6242



Vantage Pro2
Shown here: 6252



Vantage Pro2 Plus
Shown here: 6263



Davis accuracy in a self-contained, easy-to-install system. Available bundled with WeatherLink Live.

Create a customized professional station with a wide range of options and sensors. Sensor suite has detachable anemometer for flexible siting.

Includes UV & Solar Radiation sensors. 24-Hour Fan Aspiration model achieves maximum accuracy of temperature & humidity readings by circulating the air. Ideal for arid climates.

The Davis line of Vantage weather stations is built to provide a full weather system. To maximize your weather watching, a variety of additional sensors and stations are available to make your weather station even more comprehensive.	6242 Wireless		6252 Wireless		6253 Wireless w/Fan	6262 Wireless	6263 Wireless w/Fan
CONSOLE							
WeatherLink Console	•		•		•	•	•
SENSOR SUITE							
Anemometer, rain collector, temperature, and humidity sensors	•		•		•	•	•
Detachable anemometer with 40' (12 m) cable			•		•	•	•
Solar Radiation Sensor			Optional		Optional	•	•
UV Sensor			Optional		Optional	•	•
DATA TRANSMISSION							
100' (30 m) cable							
Solar-powered wireless transmitter with battery backup	•		•		•	•	•
RADIATION SHIELD							
Standard Radiation Shield	•		•		•	•	•
Daytime Fan-Aspirated Radiation Shield			Optional		Optional	Optional	
24-Hour Fan-Aspirated Radiation Shield					•	•	•
WEATHERLINK LIVE							
WeatherLink Live							
ADD-ONS							
Add console (or additional consoles) to view data in more than one location	Optional		Optional		Optional	Optional	Optional
Special-purpose Wireless Leaf & Soil Moisture/Temperature Station			Optional		Optional	Optional	Optional
Sensor Transmitter			Optional		Optional	Optional	Optional

Function		Vue	Pro2	USA Units			Metric Units		
				RESOLUTION	RANGE	ACCURACY ±	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	0.5 Degree-Day	0,1 Degree-Day	Unlimited	0,3 Degree-Day
	Cooling/Heating Degree-Days	✓	○	0.1 Degree-Day	Unlimited	0.5 Degree-Day	0,1 Degree-Day	Unlimited	0,3 Degree-Day
	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 or hPa	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%	2%	1%	1% to 100%	2%
	Outside Humidity Sensor Suite	✓	✓	1%	1% to 100%	2%	1%	1% to 100%	2%
	Outside Humidity (T/H Sensors)		●	1%	1% to 100%	2%	1%	1% to 100%	2%
	Outside Humidity (VP2 T/H Stations)		●	1%	1% to 100%	2%	1%	1% to 100%	2%
	Inside Dew Point	○	○	0.1°F	-60° to +140°F	2°F	0,1°C	-50° to +60°C	1°C
	Outside Dew Point Vue	✓		1°F	-105° to +130°F	2°F	1°C	-76° to +54°C	1°C
	Outside Dew Point VP2 Sensor Suite		✓	1°F	-105° to +130°F	2°F	1°C	-76° to +54°C	1°C
RAINFALL	Rainfall		✓	0.01"	0 to 199.99"	3%	0,2 mm	0 to 6553 mm	3%
		✓				4%			4%
	Rate of Rainfall	✓	✓	0.01"/hr	0 to 30"/hr	5% ≤ 10"/hr	0,1 mm/hr	0 to 762 mm/hr	5% ≤ 254 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	0.5°F	0,1°C	0° to +60°C	0,3°C
	Outside Temperature Sensor Suite	✓	✓	0.1°F	-40° to +150°F	0.5°F	0,1°C	-40° to +65°C	0,3°C
	Outside Temp (Extra Temp Sensor)		✓	1°F	-40° to +150°F	1°F	1°C	-40° to +65°C	1°C
	Outside Temp (Extra Temp Probe)		●	1°F	-50° to +150°F	1°F	1°C	-45° to +65°C	1°C
	Soil or Water Temp (Temp Station)		●	1°F	-40° to +150°F	1°F	1°C	-40° to +65°C	1°C
	Inside Heat Index	○	○	0.1°F	+32° to +999°F	2°F	0,1°C	0° to +537°C	1°C
	Outside Heat Index Vue	✓		1°F	-40° to +165°F	2°F	1°C	-40° to +74°C	1°C
	Outside Heat Index VP2 Sensor Suite		✓	1°F	-40° to +165°F	2°F	1°C	-40° to +74°C	1°C
	Temp/Hum/Wind Index Vue	○		0.1°F	-110° to +165°F	3°F	0,1°C	-79° to +74°C	1,5°C
	Temp/Hum/Wind Index VP2 Sensor Suite		○	1°F	-110° to +165°F	2°F	1°C	-79° to +74°C	1°C
	Temp/Hum/Solar/Wind Index VP2 Sensor Suite		●	1°F	-90° to +165°F	4°F	1°C	-68° to +74°C	2°C
	Wind Chill Vue	✓		1°F	-110° to +135°F	2°F	1°C	-79° to +57°C	1°C
	Wind Chill Sensor Suite on VP2		✓	1°F	-110° to +135°F	2°F	1°C	-79° to +57°C	1°C
	Wet-bulb			1°F	-40° to +150°F	2°F	1°C	-40° to +65°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 (Standard Anemometer)	✓	✓	1 mph 1 knot	1 to 200 mph 1 to 174 knots	5%	0,1 m/s 1 km/hr	1 to 80 m/s 1 to 320 km/hr	5%
	Wind Speed (Sonic Anemometer)		●	1 mph 1 knot	0 to 89 mph 0 to 78 knots	4%	0,1 m/s 1 km/hr	0 to 40 m/s 0 to 144 km/hr	4%
	Direction of High Speed	✓	✓	22.5°	16 compass points		22,5°	16 compass points	
	Wind Run	○	○	0.01 miles 0.01 nautical miles	Unlimited	5%	0,01 kilometers	Unlimited	5%

- ✓ Included
● Optional sensor required, but shown on console
○ Optional and requires WeatherLink.
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 US units of measure, which are then converted to metric units for display purposes.

For complete specifications, visit www.davisinstruments.com/resources/weather-monitoring/#support then click on Specification Sheets.