Davis Vantage Pro vs. the Competition

Vantage Pro meets or beats V the competition in the following categories

Category	System	Barometric Pressure (in. Hg)	Humidity			Daily Rainfall (in.)	Temperature °F			Wind	
			Inside %	Outside %	Dewpoint °F		Inside	Outside	Wind Chill	Speed (mph)	Direction (°)
Accuracy ±	Davis Vantage Pro	0.03 V	5	3 V	3 V	4%	1 V	1 V	2 V	5%	7 V
	La Crosse WS-2010	0.03	4	8	N/S	2%	2	2	N/S	3%	N/S
	Oregon Scientific WMR-968	0.20	8	8	18	5%	2	2 - 6	16	10%	8
Resolution	Davis Vantage Pro	0.01 V	1 V	1 V	1 V	0.01 V	0.1 V	0.1 V	1 V	1	1 V
	La Crosse WS-2010	0.03	1	1	1	0.01	1	0.1	1	1	N/S
	Oregon Scientific WMR-968	0.03	1	1	2	0.04	0.2	0.2	2	0.4	1
Range	Davis Vantage Pro	18.00 to 33.50 V	10 to 90	0 to 100 V	down to -105 V	0 to 99.99	32 to 140	-40 to 150 V	down to -110** V	up to 175* V	0 to 360 V
	La Crosse WS-2010	23.60 to 32.50	20 to 95	5 to 95	N/S	0 to 157.4	32 to 158	-20 to 160	N/S	up to 125	0 to 360
	Oregon Scientific WMR-968	23.50 to 31.00	2 to 98	2 to 98	down to 14	0 to 393.66	32 to 122	-40 to 140	down to -62	up to 125	0 to 360
Update Interval	Davis Vantage Pro	15 min V	1 min	50 sec	10 sec V	10 sec V	1 min	10 sec V	10 sec V	2.5 sec V	2.5 sec V
	La Crosse WS-2010	N/S	N/S	3 min	3 min	3 min	N/S	3 min	3 min	3 min	3 min
	Oregon Scientific WMR-968	15 min	10 sec	30 sec	30 sec	30 sec	10 sec	30 sec	30 sec	30 sec	30 sec

According to best interpretation of manufacturers' published specifications. Some numbers have been converted or simplified for comparison purposes.

* - with optional small wind cups

** - Vantage Pro uses the new wind chill formula adopted in Fall 2001 by the US National Weather Service, which reads warmer than the old formula

N/S - not specified

Davis Vantage Pro vs. the Competition

Vantage Pro meets or beats V the competition in the following categories

Category	System	Barometric Pressure (hPa)	Humidity			Daily Rainfall (mm)	Temperature °C			Wind	
			Inside %	Outside %	Dewpoint °C		Inside	Outside	Wind Chill	Speed (kph)	Direction (°)
Accuracy ±	Davis Vantage Pro	1.0 V	5	3 V	1.5 V	4%	0.5 V	0.5 V	1 V	5%	7 V
	La Crosse WS-2010	1.0	4	8	N/S	2%	1	1	N/S	3%	N/S
	Oregon Scientific WMR-968	6.8	8	8	9	5%	1	1 - 3	16	10%	8
Resolution	Davis Vantage Pro	0.1 V	1 V	1 V	1 V	0.25 V	0.1 V	0.1 V	1 V	1	1 V
	La Crosse WS-2010	1.0	1	1	1	0.01	1	0.1	1	1	N/S
	Oregon Scientific WMR-968	1.0	1	1	1	1	0.1	0.1	1	0.4	1
Range	Davis Vantage Pro	610 to 1130 V	10 to 90	0 to 100 V	down to -76 V	0 to 999.9	0 to +60	0 to +65	down to -79** V	up to 280* V	0 to 360 V
	La Crosse WS-2010	800 to 1100	20 to 95	5 to 95	N/S	0 to 3999	0 to +70	-30 to +70	N/S	up to 200	0 to 360
	Oregon Scientific WMR-968	795 to 1050	2 to 98	2 to 98	down to -10	0 to 9999	0 to +50	-40 to +60	down to -52	up to 200	0 to 360
Update Interval	Davis Vantage Pro	15 min V	1 min	50 sec	10 sec V	10 sec V	1 min	10 sec V	10 sec V	2.5 sec V	2.5 sec V
	La Crosse WS-2010	N/S	N/S	3 min	3 min	3 min	N/S	3 min	3 min	3 min	3 min
	Oregon Scientific WMR-968	15 min	10 sec	30 sec	30 sec	30 sec	10 sec	30 sec	30 sec	30 sec	30 sec

According to best interpretation of manufacturers' published specifications. Some numbers have been converted or simplified for comparison purposes.

* - with optional small wind cups

** - Vantage Pro uses the new wind chill formula adopted in Fall 2001 by the US National Weather Service, which reads warmer than the old formula

N/S - not specified