



## Extension Cables

### Cable Connections

Standard 4- and 6-conductor cables include waterproof coupler kits for joining two cables together, indoors or out. To join standard 8-conductor cables, use an 8-pin cable coupler (for indoor use only). Shielded cables include waterproof crimp-type splice connectors. All cables may also be joined using Surge Protectors.

### Anemometer

For Wizard and Monitor, maximum wind speed reading decreases as length of cable from anemometer to console (including junction box cable) increases. At 140' (42 m), maximum speed is 175 mph (78 m/s). At 240' (73 m), maximum is 140 mph (62 m/s). At 340' (103 m), maximum is 70 mph (31 m/s). The accuracy of the reading below the maximum is not affected. For GroWeather, maximum cable length is 250' (76 m) from anemometer to sensor interface module. Maximum speed is 175 mph (78 m/s) throughout this length.

7876-008 Standard 4-Conductor, 8' (2.4 m)	W20,000
7876-040 Standard 4-Conductor, 40' (12 m)	W56,000
7876-100 Standard 4-Conductor, 100' (30 m)	W80,000
7876-200 Standard 4-Conductor, 200' (61 m)	W140,000
7878-040 Standard 6-Conductor, 40' (12 m)	W44,000
7880-025 Standard 8-Conductor, 25' (7.5 m)	W30,000
7880-050 Standard 8-Conductor, 50' (15 m)	W50,000
7880-100 Standard 8-Conductor, 100' (30 m)	W90,000
7959 Eight-Pin Cable Coupler	W10,000
7884-050 Shielded 2-Twisted Pair, 50' (15 m)	W56,000
7884-100 Shielded 2-Twisted Pair, 100' (30 m)	W104,000



Anemometers are wind-tunnel tested in our California factory.

Included Cable Length		Maximum Cable Length	Extension Cable to Use
<b>Vantage Pro</b>	Wireless Vantage Pro	40' (12 m)	540' (165 m) from anemometer to integrated sensor suite.
	Cabled Vantage Pro	40' (12 m)	540' (165 m) from anemometer to integrated sensor suite.
		100' (30 m)	1000' (300 m) from console to integrated sensor suite.
	WeatherLink for Vantage Pro	8' (2.5 m)	48' (14.6 m) from data logger to computer.
	UV Sensor	3' (0.9 m)	125' (38 m) from solar radiation sensor to integrated sensor suite.
<b>Wizard, Monitor, &amp; GroWeather</b>	Weather Wizard III	8' (2.4 m)	125' (38 m) from junction box to console.
	Weather Monitor II	8' (2.4 m)	125' (38 m) from junction box to console.
	Protected Junction Box	None	200' (60 m) from Protected Junction Box to console.
	Remote Display Unit	8' (2.4 m)	200' (60 m) from Protected Junction Box to console.
	WeatherLink Windows or Mac	8' (2.4 m)	50' (15 m) from data logger to computer.
	GroWeather	8' (2.4 m)	125' (38 m) from sensor interface module to console.
	Anemometer	40' (12 m)	See note above.
	Leaf Wetness	40' (12 m)	125' (38 m) from sensor to sensor interface module.
	Rain Collector	40' (12 m)	Wizard or Monitor: 900' (270 m) from rain collector to console, including cable from junction box to console. GroWeather: 900' (270 m) from rain collector to sensor interface module.
	Solar Radiation	40' (12 m)	125' (38 m) from sensor to sensor interface module.
	Temperature Sensor	25' (7.6 m)	300' (91 m) from sensor to console, including cable from junction box or sensor interface module to console.
	Temperature Probe	25' (7.6 m)	300' (91 m) from sensor to console, including cable from junction box or sensor interface module to console.
Temp/Humidity Sensor	40' (12 m)	300' (91 m) from sensor to console, including cable from junction box or sensor interface module to console.	
<b>Heaters</b>	Rain Collector Heater	50' (15 m)	120' (36 m) from power unit to AC-power adapter. Requires terminal block.
	Complete System Shelter Heater	50' (15 m)	120' (36 m) from power unit to AC-power adapter. Requires terminal block.
	Multi-Purpose Shelter Heater	50' (15 m)	120' (36 m) from power unit to AC-power adapter. Requires terminal block.

## NIST-Traceable Sensors

In the USA, the National Institute of Standards & Technology (NIST) develops and maintains the standards of measurement to which all others are ultimately traced. Numerous calibrations, tests, and measurement assurance programs are delivered directly to about 10,000 companies. From these companies, NIST-traceable intermediate service providers are the next link in a network that joins together the makers and users of precision instruments. Davis Instruments is proud to participate in this network. Each of our weather stations is carefully manufactured in our California factory. For those users who require NIST-traceability, certification and recertification of new and previously owned sensors is now available. For a NIST-certified Vantage Pro add W400,000. Call, fax, or e-mail us for complete details.

Station Dimensions		Inches	Millimeters
<b>Vantage Pro</b>	Console	9 1/2 x 6 x 1 1/2	240 x 150 x 38
	LCD Display	6 x 3 1/2	150 x 90
	ISS: Anemometer Side	14 1/2 x 5 1/4 x 17 1/2	370 x 130 x 445
	ISS: Rain Collector Side with Standard Radiation Shield	11 x 9 x 13 1/2	280 x 230 x 340
	ISS: Rain Collector Side with Fan-Aspirated Radiation Shield	13 x 9 x 20	330 x 230 x 510
	Leaf & Soil Moisture/ Temperature Station	5 x 2 3/8 x 7	130 x 60 x 180
	Temperature Station	5 x 2 3/8 x 7	130 x 60 x 180
	Temperature/Humidity Station with Std Radiation Shield	8 1/4 x 7 1/4 x 7 1/4	210 x 185 x 197
Temp/Humidity Station with Fan-Aspirated Radiation Shield	9 1/2 x 11 1/4 x 14	240 x 300 x 355	
<b>Wiz, Mon, Gro</b>	Console	5 1/4 x 5 1/8 x 3	133 x 150 x 76
	LCD Display	4 1/4 x 1 1/4	108 x 45
	Junction Box (Wizard & Monitor)	3 1/4 x 1 1/8 x 7/8	82 x 48 x 22
	Sensor Interface Module (GroWeather)	5 1/4 x 5 1/4 x 1 1/4	145 x 145 x 32
	EZ-Mount Sensor Array	18 x 9 1/2 x 33 1/2	457 x 240 x 850

## Weather Club E-Newsletter

Interested in learning more about our stations? Sign up for our Weather Club e-newsletter at [www.davisnet.com/links](http://www.davisnet.com/links). It's chock full of interesting stories, tips on maintenance and installation, and timely reminders. And it's delivered right to your PC every month.

Estimated Current Draw & Battery Life*	Current Draw in milliamperes		Backup Battery Life in Days		80-Amp Car Battery Life at normal temperatures
	lights off	lights on	without data logger	with data logger	
Wireless Vantage Pro Console/Receiver	0.6	80	365	365	> 5 years
Cabled Vantage Pro Console & Sensors	8	88	27	27	14 mo.
Perception II	7	127	2.5	1.0	6 to 9 mo.
Weather Wizard III	6	n/a	3.0	1.5	6 to 9 mo.
Weather Monitor II	7	127	2.5	1.0	6 to 9 mo.
GroWeather	22	140	0.7	0.7	6 to 9 mo

\* Actual battery life will vary depending on station setup and usage.

# Options & Accessories

# Dimensions

		Wireless								Cabled				Cabled				Inches		Millimeters	
		6150 Vantage Pro W1,200,000	6151 with Fan-Aspirated Rad Shield W1,600,000	6160 Vantage Pro Plus W2,000,000	6161 with Fan-Aspirated Rad Shield W2,400,000	6343 Leaf & Soil Moisture/Temp W400,000	6370 Temperature Station W270,000	6380 Temperature/Humidity Station W470,000	6385 with Fan-Aspirated Rad Shield W800,000	6150C Vantage Pro W1,000,000	6151C w/ Fan-Aspirated Rad Shield W1,300,000	6160C Vantage Pro Plus W1,800,000	6161C w/ Fan-Aspirated Rad Shield W2,100,000	7400 Perception II W300,000	7425 Weather Wizard III W400,000	7425CS Complete Weather Wizard III W500,000	7440 Weather Monitor II W600,000	7440CS Complete Weather Monitor II W800,000	7450 GroWeather W800,000	7450EZ EZ-Mount GroWeather W2,800,000	
Wireless	6310 Vantage Pro Console/Receiver W600,000	•	•	•	•	•	•	•												9 1/2 x 6 x 1 1/2	240 x 150 x 38
	6314 Wireless Weather Envoy W400,000	•	•	•	•	•	•	•												5 x 2 3/8 x 7	130 x 60 x 180
	6330 Anemometer Transmitter Kit W270,000	•	•	•	•	•	•	•												3 3/8 x 6 3/8 x 1 1/8	93 x 162 x 30
	7602 Weather Echo W200,000	•	•	•	•	•	•	•	•											5 1/4 x 2 1/4 x 1 1/8	132 x 57 x 22
	7603 Weather Echo Plus W270,000	•	•	•	•	•	•	•	•											5 1/4 x 2 1/4 x 1 1/8	132 x 57 x 22
	7624 Wireless Repeater, AC Power W250,000	•	•	•	•	•	•	•	•											5 x 2 3/8 x 7	130 x 60 x 180
	7625 Wireless Repeater, Solar Power W350,000	•	•	•	•	•	•	•	•											5 x 2 3/8 x 7	130 x 60 x 180
Sensors	7911 Anemometer W240,000																•		18 1/2 x 7 1/2 x 2 1/4	470 x 190 x 120	
	6420 Leaf Wetness Sensor W170,000					•													2 x 3 1/2 x 1/2	50 x 90 x 13	
	7846 Leaf Wetness Sensor W170,000					•											•		2 x 3 1/2 x 1/2	50 x 90 x 13	
	7852 Rain Collector II W150,000												•		•		•		8 3/4 diameter x 9 1/2	165 diameter x 240	
	6440 Soil Moisture Sensor W100,000					•													1/8 diameter x 2	22 diameter x 50	
	6450 Solar Radiation Sensor W320,000	•	•						•	•									2 x 2 1/4 x 2 1/4	50 x 70 x 57	
	7821 Solar Radiation Sensor W320,000																•		2 x 2 1/4 x 2 1/4	50 x 70 x 57	
	6470 Temperature Probe, Stainless W80,000					•													1/4 diameter x 2	6 diameter x 50	
	7818 Temperature Probe, Stainless W60,000													•	•	•	•	•	1/4 diameter x 2	6 diameter x 50	
	7817 Temperature Sensor W36,000																•		1/4 diameter x 1 1/4	6 diameter x 32	
	7859 Temperature/Humidity Sensor W250,000															•		•	3 3/2 x 3 1/4 x 1 1/4	90 x 83 x 38	
6490 UV Sensor W700,000	•	•						•	•									2 x 2 1/4 x 2 1/4	50 x 70 x 57		
Computer Interface	6510C WeatherLink for Vantage Pro for PC W330,000	•	•	•	•	•	•	•	•	•	•	•							1 1/8 x 1 3/8 x 5/8	30 x 35 x 15	
	6520C WeatherLink for Vantage Pro for Mac W330,000	•	•	•	•	•	•	•	•	•	•	•							1 1/8 x 1 3/8 x 5/8	30 x 35 x 15	
	7862 WeatherLink for Windows W330,000												•	•	•	•			4 1/4 x 1 3/4 x 1/2	108 x 45 x 13	
	7855 WeatherLink for Mac OS X W330,000												•	•	•	•			4 1/4 x 1 3/4 x 1/2	108 x 45 x 13	
	7871H GroWeatherLink/ET Data Logger W400,000																•		4 1/4 x 1 3/4 x 1/2	108 x 45 x 13	
	7871S GroWeatherLink Software W200,000																•	•	n/a	n/a	
	7802 WeatherLink Toolbox W90,000												•	•	•	•	•	•	n/a	n/a	
	7861 WeatherTalker W400,000												•	•	•	•	•		5 1/2 x 4 1/4 x 3/4	140 x 108 x 20	
	7764 Link Isolator Kit W110,000												•	•	•	•			3 1/2 x 2 1/2 x 1	90 x 65 x 25	
	6533 Telephone Modem Adapter W14,000	•	•	•	•	•	•	•	•	•	•	•							1 3/4 x 2 1/4 x 1/2	45 x 57 x 13	
7870 Telephone Modem Adapter W14,000												•	•	•	•	•	•	1 3/4 x 2 1/4 x 1/2	45 x 57 x 13		
7875 Short-Range Modem Pair W540,000												•	•	•	•	•	•	2 1/2 x 1 1/4 x 3/4	65 x 32 x 20		
Power	6604 Car/Boat/RV Lighter Cord W20,000	•	•	•	•			•	•	•	•								3/4 diameter x 3 1/4	20 diameter x 83	
	7873 Car/Boat/RV Lighter Cord W20,000											•	•	•	•	•	•		3/4 diameter x 3 1/4	20 diameter x 83	
	6610 Solar Power Kit W200,000	•	•	•	•														5 x 2 3/8 x 7	130 x 60 x 180	
	7707 Solar Power Kit W200,000								•	•	•	•					•		3 3/4 x 9 1/2 x 12 1/2	95 x 240 x 318	
	7708 Solar Power Kit W200,000												•	•	•	•	•		10 1/2 x 16 1/2 x 1	267 x 420 x 25	
Installation & Mounting Options	7736 Alarm Output Module W400,000																•	•	5 3/4 x 5 3/4 x 1 1/4	145 x 145 x 32	
	7890 Anemometer Mast Mount W36,000												•	•	•	•	•	•	3 x 1 1/2 x 1 3/4	75 x 38 x 45	
	7780 Grounding Kit W60,000																•	•	5/8 diameter x 64	16 diameter x 1625	
	7716 Mounting Tripod W60,000	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	30 x 33 x 52	762 x 838 x 1320	
	7717 Mounting Pole Kit WS25	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	1 5/16 diameter x 37 1/2	33 diameter x 950	
	7740 Protected Junction Box W130,000													•	•	•			5 3/4 x 5 3/4 x 1 1/4	145 x 145 x 32	
	7714 Radiation Shield W130,000					•	•						•	•	•	•	•		7 1/2 x 8 1/2 x 6	190 x 215 x 152	
	7704 Rain Collector Shelf W70,000													•	•	•	•	•	10 x 8 3/4 x 3 1/2	255 x 222 x 90	
	7720 Rain Collector Heater W320,000	•	•	•	•				•	•	•	•					•	•	4 x 2 1/4 x 3/4	102 x 57 x 20	
	6672 Sensor Mounting Shelf W50,000	•	•						•	•									2 x 9 x 3 3/32	50 x 228 x 2	
	7702 Sensor Mounting Arm W130,000													•	•	•	•	•	32 x 2 x 7 3/4	813 x 50 x 197	
	7767 Surge Protector W28,000								•	•	•	•					•	•	1 1/2 x 1 1/2 x 1 1/4	38 x 38 x 32	
	7768 Surge Protector Shelter, Small W36,000								•	•	•	•					•	•	3 3/2 x 5 3/4 x 2 1/4	88 x 145 x 55	
	7769 Surge Protector Shelter, Large W150,000								•	•	•	•					•	•	3 3/4 x 9 1/4 x 12 1/2	95 x 235 x 318	
	7724 Complete System Shelter W370,000	•	•	•	•				•	•	•	•					•	•	15 1/2 x 7 3/4 x 13 1/2	395 x 197 x 343	
	7726 Complete System Shelter Heater W340,000	•	•	•	•				•	•	•	•					•	•	4 x 2 1/4 x 3/4	102 x 57 x 20	
	7728 Multi-Purpose Shelter W150,000													•	•	•	•	•	15 1/2 x 7 3/4 x 13 1/2	395 x 197 x 343	
	7730 Multi-Purpose Shelter Heater W330,000													•	•	•	•	•	3 3/4 x 9 1/4 x 12 1/2	95 x 235 x 318	

# Sensor Accuracy, Resolution, and Range

Function		Vantage Pro	Perception II	Weather Wizard III	Weather Monitor II	GroWeather	U.S.A. Units			Metric Units		
							Resolution	Range	Accuracy ±	Resolution	Range	Accuracy ±
Agricultural	Evapotranspiration	●				●	0.01"	Day: to 99.99" Month: to 199.99" Year: to 199.99"	5%	Rounded to nearest 0.1 mm from measurement in 0.01" increments	Day: to 999.9 mm Month: to 1999.9 mm Year: to 1999.9 mm	5%
	Growing Degree-Days	○				●	Day: 0.1 D-Day Avg: 0.1 D-Day Total: 1 D-Day	Day: to 400 D-Days Avg: to 400 D-Days Total: to 19,999 D-Days		Day: 0.1 D-Day Avg: 0.1 D-Day Total: 1 D-Day	Day: to 220 D-Days Avg: to 220 D-Days Total: to 19,999 D-Days	
	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: -1000' to +12,500'; -300 to +3800 m)	✓	✓		✓	✓	0.01" Hg	26" to 32" Hg	0.03" Hg	0.1 mm Hg	660 to 810 mm Hg	0.8 mm Hg
	Three-Hour Trend	✓					Slow ≥ 0.2" Hg Rapid ≥ 0.6" Hg	5-Position Arrow		Slow ≥ 0.5 mm (0.7 mb) Rapid ≥ 1.5 mm (2 mb)	5-Position Arrow	
	One-Hour Trend		✓		✓	✓	Change ≥ 0.2" Hg	3-Position Arrow		Change ≥ 5 mm (0.7 mb, 0.7 hPa)	3-Position Arrow	
Humidity	Inside Humidity	✓	✓		✓		1%	10% to 90%	5%	1%	10% to 90%	5%
	Outside Humidity	✓			●	●	1%	0% to 100%	3%	1%	0% to 100%	3%
	Dew Point	✓			●	●	1°F	-105° to +130°F	3°F	1°C	-76° to +54°C	1.5°C
Rainfall	Rainfall	✓					0.01"	Day: 0 to 99.99" Storm: 0 to 99.99" Month: 0 to 199.99" Year: 0 to 199.99"	4%	Rounded to nearest 0.1 mm from measurement in 0.01" increments. At or above 2000 mm, rounded to 1 mm.	Day: 0 to 9999 mm Storm: 0 to 9999 mm Month: 0 to 19,999 mm Year: 0 to 19,999 mm	4%
				●	●	●	0.01"	Day: 0 to 40.95" Total: 0 to 99.99"	4%	0.2 mm	Day: 0 to 819 mm Total: 0 to 9999 mm	4%
	Rate of Rainfall	✓				●	0.01"	0 to 99.99"/hr	5%	Rounded to 0.1 mm	0 to 1999.9 mm/hr	5%
Solar & UV	Solar Radiation	●				●	1 W/m <sup>2</sup>	0 to 1800 W/m <sup>2</sup>	5%	1 W/m <sup>2</sup>	0 to 1800 W/m <sup>2</sup>	5%
	Solar Energy	○				●	Console: 0.1 Ly	Console: 1999.9 Ly	5%	PC: 0.1 J/cm <sup>2</sup>	PC: 1999.9 J/cm <sup>2</sup>	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	✓		✓	✓	●	0.1°F	-40° to +150°F	1°F	0.1°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
	Outside Temp-Hum Index	✓				●	1°F	-40° to +135°F	3°F	1°C	-40° to +57°C	1.5°C
	Temp-Hum-Sun-Wind Index	●					1°F	-90° to +135°F	4°F	1°C	-68° to +64°C	2°C
	Wind Chill	✓		✓	✓	●	1°F	-110° to +130°F	2°F	1°C	-79° to +54°C	1°C
Time/Date	Time	✓	✓	✓	✓	✓	1 minute	12 hours	8 sec/mo	1 minute	24 hours	8 sec/mo
	Date	✓	✓	✓	✓	✓	month/day		8 sec/mo	day/month		8 sec/mo
	Sunrise & Sunset	✓					1 minute			1 minute		
Wind	Wind Direction	✓		✓	✓	●	1°	0° to 360°	7°	1°	0° to 360°	7°
	Compass Rose	✓		✓	✓	●	10°	0° to 360°	7°	10°	0° to 360°	7°
	Wind Speed	✓		✓	✓	●	1 mph 1 knot	2 to 150 mph 2 to 130 knots	5%	0.1 m/s 1 km/hr	1 to 67 m/s, 3 to 241 km/hr	5%
	Direction of High Speed	✓				●	22.5°	16 compass points	7°	22.5°	16 compass points	7°
	Wind Run					●	0.1 mile	0 to 1999.9 miles	5%	0.1 km	0 to 1999.9 km	5%

- ✓ Included
- Optional, shown on console
- Optional, requires WeatherLink

Unless listed separately, accuracy, resolution, and range are shown for Vantage Pro stations (except for Growing Degree-Days and Solar Energy, which are shown for GroWeather). The specifications for Perception II, Weather Wizard III, Weather Monitor II, and GroWeather may be somewhat different. For complete specifications, visit our website at [www.davisnet.com/links](http://www.davisnet.com/links).

# Vantage PRO®

		BAR	HUMIDITY			RAIN			TEMPERATURE				WIND			WITH OPTIONAL SENSORS								
		Barometric Pressure	Inside Humidity	Outside Humidity	Dew Point	Rainfall Amount	Rain Storm Amount	Rain Rate	Inside Temperature	Outside Temperature	Heat Index	Wind Chill	Wind Speed	Wind Direction	Direction of High Speed	Evapotranspiration	Humidity (Extra)	Leaf Wetness	Soil Moisture	Solar Radiation	Temperature (Extra)	Temp-Hum-Sun-Wind	UV Radiation	UV MEDS
Update Interval		15 min	1 min	50 sec	10 sec	10 sec	10 sec	10 sec	1 min	10 sec	10 sec	10 sec	2½ sec	2½ sec	2½ sec	1 hour	50 sec	62½ sec	62½ sec	50 sec	10 sec	10 sec	50 sec	50 sec
<b>CONSOLE DISPLAYS</b>																								
Reading at end of update interval		•	•	•	•				•	•	•	•		•		•	•	•	•	•	•	•	•	•
Total amount for the interval						•	•								•									•
Average reading for the interval													•											
High reading for the interval								•																
<b>SET ALARMS for</b>																								
Special Alarms		①				②	③							④										⑥
High Reading			•	•	•			•	•	•	•		•				•	•	•	•	•	•	•	•
Low Reading			•	•	•				•	•		•					•	•	•	•	•	•	•	•
<b>DISPLAYED but not graphed</b>																								
Current Year High		•	•	•	•				•	•						•	•	•		•				
Current Year Low		•	•	•	•				•	•		•					•	•	•		•			
<b>GRAPHED &amp; DISPLAYED for last 24 of each of the following</b>																								
<b>EOP</b>	End-of-15-Minute Period Readings	•																						
	End-of-Hour Period Readings	•	•	•	•				•	•	•						•	•				•		
<b>TOTALS</b>	15-minute Period Totals					•																		
	Hourly Totals					•										•								•
	Daily Totals					•										•								•
	Monthly Totals					•										•								
	Storm Totals (with start & end date)						•																	
Yearly Totals					•											•								
<b>AVERAGES</b>	10-Minute Averages											•												
	Hourly Averages or Dominant											•	•						•					•
	Daily Averages or Dominant												•	•	•				•					•
	Monthly Averages or Dominant												•	•	•				•					•
	Yearly Averages													•	•	•				•				•
<b>HIGHS</b>	One-Minute Highs							•																
	Hourly Highs							•								•								
	Daily Highs	•	•	•	•			•	•	•	•		•					•	•	•			•	•
	Monthly Highs	•	•	•	•			•	•	•	•		•					•	•	•			•	•
	Yearly Highs							•		•			•											•
<b>LOWS</b>	Hourly Lows											•												
	Daily Lows	•	•	•	•				•	•								•	•					
	Monthly Lows	•	•	•	•				•	•								•	•					
	Yearly Lows									•														

### SPECIAL ALARMS

- ① **Storm Warning:** Amount of barometric pressure fall.
- ② **Flash Flood Warning:** 15-minute rainfall amount.
- ③ **Rainstorm Alarm:** Rainfall amount for current storm.
- ④ **10-Minute Average Wind Speed Alarm**
- ⑤ **Daily Evapotranspiration Amount Alarm**
- ⑥ **Daily UV Dose Alarm**

Update interval may vary depending on station ID and type of station. Details and specifications subject to change at any time without notice.

## About Our Cover



Fifth-graders in Sacramento, California, use a Davis weather station in their science studies, taking measurements three times a day and charting and graphing them at the "Weather Watch Center."



At the Peterson residence in the Oakland hills, ninety mile per hour winds knocked a heavy garden bench over and tore the gate off its hinges—though conditions are usually less dramatic, as pictured here!



Researchers from Stanford University relayed data from two Davis weather stations in Antarctica to a research station 600 miles away via polar orbiting satellites. Next on the agenda: hooking the station up to an Iridium phone and adding a web cam.

## Davis Hat

Now you can get your own Davis hat! Baseball-style cap is 100% cotton twill. Two-toned with washed khaki crown, dark-colored brim, and embroidered Davis logo. Self-fabric closure with brass buckle. One size fits all.



PR725 Davis Hat W24,000

## Warranty

We warrant our products to be free of defects in material and workmanship for one year from date of original purchase. While we make every effort to carefully manufacture our products to the highest standards of quality, occasionally parts may be found to be missing, defective, or damaged. If you have a defective part, return the product to us, shipping charges prepaid. Include proof of purchase and a written explanation of the trouble. During the warranty period, we will, at our option, either repair or replace the product free of charge. This warranty does not cover damage due to improper installation or use, lightning, negligence, accident, or unauthorized service, or to incidental or consequential damages beyond the Davis products themselves. Implied warranties are limited in duration to the life of this limited warranty. Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental and consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights. You may have other rights, which vary from state to state.

**Details, specifications, and prices are subject to change at any time without notice.**