

MODEL 3451 Packaged Weather Station

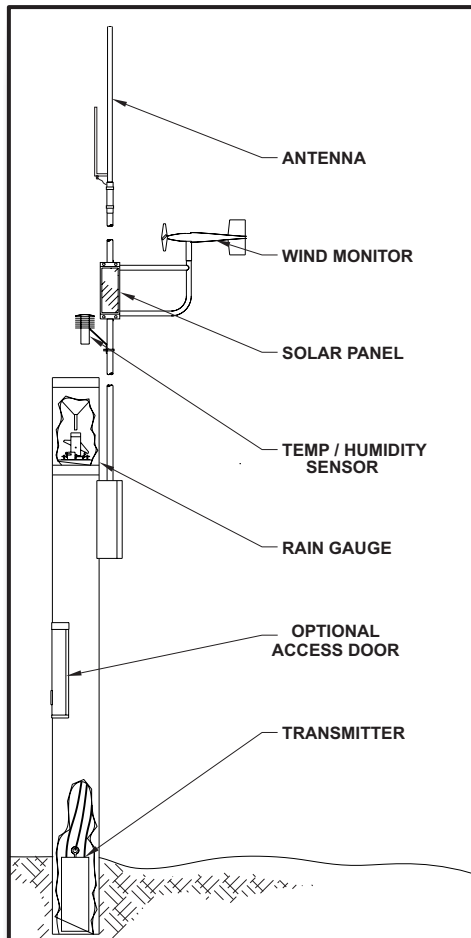
- Meteorological & Hydrological Networks
- Agriculture & Irrigation Monitoring
- Emergency Management Planning



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DESCRIPTION:

The Model 3451 Packaged Weather Station is designed to automatically measure and report weather conditions. The weatherproof ALERT/IFLOWS standpipe houses the transmitter and acts as an antenna tower and sensor support. The data transmitted from the weather station can be used in a number of applications such as flood and/or storm warnings, establishing historical and real time data for agriculture, marine weather forecasting, and the effects of weather changes on tidal areas.

The Model 3451 is configured to meet standard meteorological data collection requirements and includes a weatherproof Standpipe Assembly, ALERT/IFLOWS Data Transmitter w/battery, Rain Gauge Top Section, Barometric Pressure Sensor, Wind Speed Sensor, Crossarm Assembly for Wind Monitor, Temperature & Relative Humidity Sensor, Multiplate Radiation Shield, Solar Panel, Antenna, Wind Connector, and Antenna Cable & Mounting Hardware. An optional access door is recommended for ease & efficiency, and to simplify maintenance.

Rain fall and wind data are reported automatically on an event-actuated basis. Temperature, relative humidity, and barometric pressure can be set to report either on a timed basis or event actuated basis. When event actuated, the Weather Station initiates a report when a defined amount of change has occurred since the previous transmission.

The Model 3451 is used in numerous states, counties, cities, and flood control districts, and is used overseas with ease and dependability.

ORDERING GUIDE cont.:

Included are, cont.:

Model 5712-01.....	Mounting Bracket
Model 5722.....	Humidity/Temperature Sensor
Model 5728.....	Multiplate Solar Radiation Shield
Model 5301.....	Solar Panel (100mA)
Model 7110.....	Omni Antenna, 3dB Gain

OPTIONAL:

Model 7000-01.....	Standpipe Door
Model 7000-02.....	Extended Lengths of Standpipe (priced per foot)
Model 7000-04.....	Mounting Bracket (to mount against walls, railing, etc.)
Model 7000-05.....	Grounding Tab, Welded (to connect grounding wire)
Model 3206-20.....	Transmitter Data Logging Board
Model 2310.....	Overflow Gauge (fits on top of Rain Gauge top section to convert to an all weather gauge)
Model 7000-09.....	Standpipe Guard Ring
Model 7200.....	Antenna Lightning Protection
Model 7105.....	High Gain Directional Antenna (7dB)
Model 3800.....	RF Power Amp
Model 8900.....	Radio Path Study

SPECIFICATIONS:

Standpipe assembly:	
Height.....	10 ft.
Diameter.....	12 in.
Shipping weight.....	60 lbs.

ORDERING GUIDE:

Model 3451.....	Packaged Weather Station
<u>Included are:</u>	
Model 7000.....	Standpipe Assembly
Model 3206.....	ALERT/IFLOWS Data Transmitter
Model 3206-01.....	Wind Connection w/Peak Gust
Model 2400.....	Rain Gauge Top Section
Model 5730.....	Barometric Pressure Sensor
Model 5712.....	Wind Speed & Direction Monitor

ACCURACY YOU CAN COUNT ON

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