



Overview

Current Version: 3.1.3

VisualWeather is support software for our weather stations. Version 3.0 or higher supports custom weather stations or the

ET107, ET106, and MetData1 preconfigured weather stations. The software allows you to initialize the setup, interrogate the station, display data, and generate reports from one or more weather stations.

Benefits and Features

- › Requires no programming knowledge
- › Takes just minutes to configure weather station
- › Supports multiple weather stations
- › Allows data to be collected manually or on a schedule
- › Stand-alone software that does not require LoggerNet

Detailed Description

VisualWeather software is for customers who want reliable, real-time weather data and printed reports without worrying about technical details, such as programming or maintaining databases. It allows our pre-configured or custom Campbell Scientific stations to be set up in a few minutes. Multiple weather stations are supported.

VisualWeather's functionality includes program generation, communications, and report generation for preconfigured and custom weather stations. It uses a wizard to walk you through setting up the sensors for your weather station, configuring the communications link and data logger settings, and defining reports. Based on this setup information, VisualWeather generates the data logger program for the weather station (for

preconfigured stations). You can also use Short Cut (included) for programming custom weather stations.

Communications

Communication protocols supported include direct connect, short haul modem, phone modem (including TAPI), RF, phone-to-RF, and TCP/IP. While connected to a weather station with VisualWeather, you can view measurements related to overall data logger health (battery voltage, internal temperature, error counters), current conditions for the weather station, and current measurement values for each of the sensors being measured, as well as data tables stored to memory (for table-

based data loggers). Data can be collected for VisualWeather's report database either manually or on a schedule.

Report Generation

Report generation offers a variety of preconfigured reports for preset or custom intervals based on what sensors are being measured. It also offers a number of calculated values, such as evapotranspiration, Growing Degree Days, etc. The reports are displayed on the screen, and the user can print them or save them as an image file. Data can also be exported to an ASCII file for further analysis (for those familiar with Campbell Scientific's data formats, it is TOAC11, which is a comma-delimited data file with heading information). Batch processing of reports is available to automate report generation.

System Requirements

- ▶ Requires a serial port on the PC or a USB-to-serial port adapter
- ▶ TCP/IP and Telephony services must be installed and enabled on the PC (refer to manual for more information)

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Specifications

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Operating System Windows 7 (32 and 64 bit), Vista, or XP

