

Quick Start Guide

Capricorn 2000

Follow the instructions on this page to quickly access real-time weather data via the Weather View 32 software.

Before proceeding, read the Installation section of the User Guide.

Make the required serial connections between the computer and the weather station *using the cable supplied* by the weather station manufacturer.

If you are	
Installing for the first time	Begin the install. When a dialog appears asking if you have data to convert, select NO and continue with the installation process.
Upgrading from v5.x or 6.x	Install Weather View 32. If you are asked to uninstall/ remove Weather View 32 6.0, do so by going to Start, Add/Remove Programs. Your weather data will not be removed. After entering the serial number, a dialog appears asking if you have data to convert, select Import Data. To continue using your Weather View 32 v6.0 screens, after installation, copy the file wvscreens.dat from the Weather View 32 v6.0 Screen folder to the v7.0 Screen folder. The default folder for Weather View 32 v7.0 is C:/Program files/Weather View 32 700. Any images associated with the v6.0 screens, should be copied from the v6.0 Screen Background Folder to the new v7.0 Screen Background Folder.

Start Weather View 32. The first screen displayed appears only the first time Weather View 32 starts. This screen allows Weather View to setup the database structure for your weather data. After the database structure has been created, the Weather View 32 STARTUP screen displays.

Choose the **Setup** menu and select the **Weather View Properties** menu item. Enter the ID for your station in the **Station ID** text box. Enter in the latitude and longitude of your location and the appropriate time zone information as well (if you don't have this information you can skip it for now). Select the climate data station nearest your location.

Choose the **Sensors & Units of Measure** tab. Use the drop down list boxes to select your preferred units of measure for the various sensors. These settings determine how your weather information is formatted for display by Weather View 32.

Determine which sensors are physically installed on your weather station. Check mark each sensor that is available and functional on the weather station. If you wish to assign a different ID to a particular installed sensor, highlight the installed sensor and type the name in the **Display Identifier** text box. Select which temperature and humidity sensors to assign for use in calculating wind chill, dew point, and heat index.

Choose the **Connection** tab. Select the COM port on your computer the weather station communicates via. Select the baud rate for serial communications between the weather station and your computer. Select **Close** to exit from **Weather View Properties**. ***If you have difficulty connecting to the Weather Station, Use the Detect Weather Station Baud Rate and COM Port Number option found under Weather View properties on the Com Setting tab.***

When using a **USB to Serial Adapter** do not use the Detect feature. After installing the adapter, go to My Computer and right-click. A menu appears, choose Properties, Hardware tab, and click on the Device Manager. When the list appears, find the Ports list item. Change the + to a— in front of the Ports item by clicking on the + sign. The list will show the computer's active Communications Port. The USB to Serial Adapter is typically listed as "USB to Serial Bridge (Com 4)". Manually enter the Com Port number on the Weather View 32 **Connection** tab (Communications Port) setting, then select Close to leave this window.

Weather View 32 is configured for use. Choose the **Connect** menu and select the **Monitor Weather Now** menu item. Observe the status bar located along the bottom of the Weather View 32 display screen. The far left item details the progress Weather View makes while connecting to your weather station. After some housekeeping is completed, Weather View displays the Real-Time Monitoring screen.

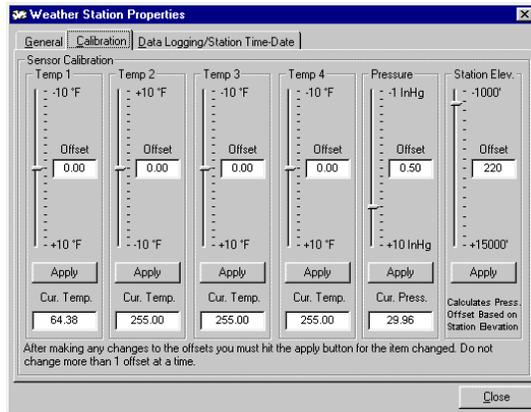
For further information on configuring your Real-Time Monitoring display, setting alarm conditions, and using the reporting features of Weather View 32, see the User Guide.

Weather Station Properties.



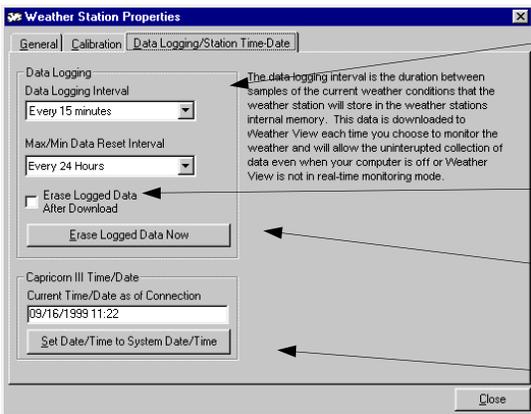
General

You must complete a connection with the weather station before completing the steps on this page. Follow instructions on Page 1 for **Weather View Properties, Connection** tab.



Calibration

If you need to adjust the readings of any of these sensors, use the slider to obtain the desired correction.



Data Logging/ Station Time-Date

Choose the time interval between **Data Logging Events** by your weather station. **Logging Events** are snapshots of the current weather. When selecting an **Logging Interval**, keep in mind the total number of records that can be stored in your weather station. Make sure you select a value that works with your schedule. Check your weather station manual for information on your **Weather Station's Logging Capacity**.

If this box is marked, Weather View will **erase logger memory after downloading of data**. This is the recommended setting.

To **Erase the data currently stored in the Capricorn 2000's memory**, choose this button. Any weather data that has not been downloaded into Weather View will be lost (weather station data is automatically downloaded every time you monitor the weather).

Set the **Date and Time of your Weather Station** to your computer's date and time. The computers clock and the weather station clock must be synchronized for weather view to operate correctly. If the Identified Check box is marked, Weather View will set the weather station's time/date to the system time/date. This is not recommended unless you are sure that the PC's clock is more accurate than the weather station's clock (unusual).

DDE Link Data.

Application=wvddde

Link Topic=wvdata

Specific Item data follows below. For Any Items with the format =xyz the link item is to the left of =.

outside_temp
windchill
dewpoint

heatindex
outside_humidity
pressure
rainfall

wind_direction
instant_wind speed
avg_1_min_windspeed
peak_gust_cur_min