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## What is Cumulus?

*Cumulus* is a program for retrieving, storing and displaying data from an electronic Automatic Weather Station (AWS). It currently works with the following weather stations:

- Oregon Scientific WM918
- Oregon Scientific WMR918/WMR928/WMR968
- Radio Shack/Huger WX200
- Davis Vantage Pro and Pro2
- Fine Offset and rebadged models - WH1080, WH1081, W8681, 265NC etc etc
- La Crosse WS2300 and others in that range

If you find Cumulus useful and would like to make a donation towards its future development, you can send it via Paypal using the button below. You don't need a Paypal account to donate by credit card.



## Contact Information

Please check the [FAQ](#), to see if your question has already been answered.

There is a [forum](#) where you can report bugs, suggest improvements, and discuss Cumulus.

## Getting Started

Connect your weather station to one of the serial ports on your computer and switch on. When you first run *Cumulus*, the **Station Settings** screen will appear. As a minimum, you need to specify your **Station Type** and the **COM Port** which you are using for your weather station. You may want to adjust the **Settings**, and supply information about your **Location**. See the [Configuration: Station](#) topic for more information.

**It is important to note that you should choose your units the first time you run Cumulus, and then do not change them afterwards.** Data is stored in your chosen units, so if you change units subsequently, your data no longer makes sense.

Once you have the values set correctly, click **OK** and the main *Cumulus* window will appear.

If your weather station has a logger, Cumulus will download the data from it each time it runs,

except for the very first time you run it - it will only download logger data from that point onwards.

Note that if you are running Windows Vista it will probably make things simpler if you don't install into the default location, as Vista will hide your data files away somewhere. Install outside the Program Files hierarchy.

Every time Cumulus starts, it takes a backup of the data files and puts them in the backups folder. Each backup is inside a folder whose name is the timestamp of the backup time. If you find at any time that bad data has been downloaded from your station, you can stop Cumulus and 'rewind' by using the appropriate backup files to over-write the ones in the Data folder. Cumulus will then re-download the data from your station (assuming it is a type which has a data logger), and this may well correct the problem.

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