

How to setup the WS-1001 (Clones) type weather stations to work with Weather Display.

This includes the Ambient Weather WS-1001-WIFI OBSERVER and the AerCUS WeatherRanger and many others based on the ws-1001 protocol.

Download 'WS1001weatherstation.zip'
from '<http://www.pictonweather.nz/files/WS1001weatherstation.zip>'

Open the "updateweatherstation.php" file and modify this line only:-

'date_default_timezone_set('Europe/London');' for example ('Pacific/Auckland')

Save the file.

Copy the 'weatherstation' directory and all its contents to your Server, which is where your weather station web site is. Or the server can be on your home computer, if you like. I use the "Abyss Web Server". They have a version for Windows, Linux, or iMac. And its free. :-)

In your web browser enter - <http://www.yourserver.com/weatherstation/updateweatherstation.php> - and you should see a basic report if all is ok.
Then in your browser enter - <http://www.yourserver.com/weatherstation/ws1001.json> -
Again you should see a few lines of data.
Next.

Connect your WS-1001 weather station to your computer with a USB cable. After a few moments the station will be in the Directory list on your computer. Look for the directory "NAND" open this directory, open the "EasyWeather" directory, and open the "server.ini" file. Change the data to:-

```
[Menu]
default=www.wunderground.com
web=1
web1=www.wunderground.com
web2=yourserver.com
[www.wunderground.com]
Server=yourserver.com
ServerType=php
ServerPort=80
UploadType=Customize
ReadOnly=true
[www.yourserver.com]
Server=yourserver.com
ServerType=php
ServerPort=80
UploadType=Customise
ReadOnly=true
Save this 'server.ini' to your computer hard drive, anywhere you like. Then copy the file back to the WS-1001 unit.
```

Disconnect the usb cable and with any luck the upload icon beside the network icon on the WS-1001 screen will light up.

Then every 16 seconds the file [ws1001.json] will be available on your server, and "wunderground" will also be updated.

To use the 'ws1001.json' in WD, goto 'Station Type &Settings' in WeatherDisplay then the 'Stationless ...' list and near the bottom of the page enter your Server address and file name i.e. [<http://www.yourserver.com/weatherstation/ws1001.json>] and click the 'use direct from this IP' and 'Wunderground format ..' . And click on Ambient/Aercus .. Dot. And click on "Close/Save" And thats it. I hope!

Thanks to weatherist34, and Brian of WeatherDisplay.