# Get yourself up and running!

The easiest way is to follow my hardware build thread that's located here.  This topic describes purchasing hardware for ~50 USD to make a raspberry pi server running my customized weathersite image.  However weathersite can run on any server that you can install git utilities and node.js on.  Here's how:

You will need to install Node.js and Git utilities.  Versions can be found here:
GIT: https://git-scm.com/downloads
NodeJS: https://nodejs.org/en/download/

If your computer is already a Pi, then things are pretty easy.  On a Pi, GIT is pre-installed and all you will need to do is get nodeJS, and then download the weathersite bits.  do this with apt and git in a terminal window:

sudo su
apt-get update
apt-get install nodejs
cd /
git clone https://github.com/sleuth255/weathersite

for other servers, you need to download the weathersite bits after installing git and node.  Open a terminal window or command prompt, switch to your highest level directory and also type in the following:

git clone https://github.com/sleuth255/weathersite

The bits will be downloaded to a weathersite directory under the topmost directory.

For other computers or your Pi, you should now have everything that you need.  Launch weathersite by executing the main app program with node, for example (you are on a linux machine and weathersite is loaded in /weathersite):

"node /weathersite/app.js".

When weathersite displays that it is online, wait for it to find your WLL.  It will display this when your WLL is located.  Then, browse to http://<ip address of your server>:5000 and the initial settings screen will be displayed.  Enter your latitude and longitude in the format shown and also change your Observation Units if desired.  Weathersite will already have the WLL address filled.  However, in rare cases where weathersite can't find your WLL, you will also need to enter it. Then press the Update button.  Weathersite should now be functional!

You can also get a free climacell Dev API key here:

https://climacell.co/pricing

Put it in the Climacell API Key if you want weather forecasts displayed in the weather tile.

ToDo for you:  Change your server so that your node command is launched automatically when your server boots.  Having problems getting Weathersite to work?  Try the troubleshooting tips page on my build thread that's located here.  While specific to my custom image, there are essential tips that can help any installation there as well.


**Setting up Radar and the Current Weather tile**

Go to this page in the DIY topic to find out how!