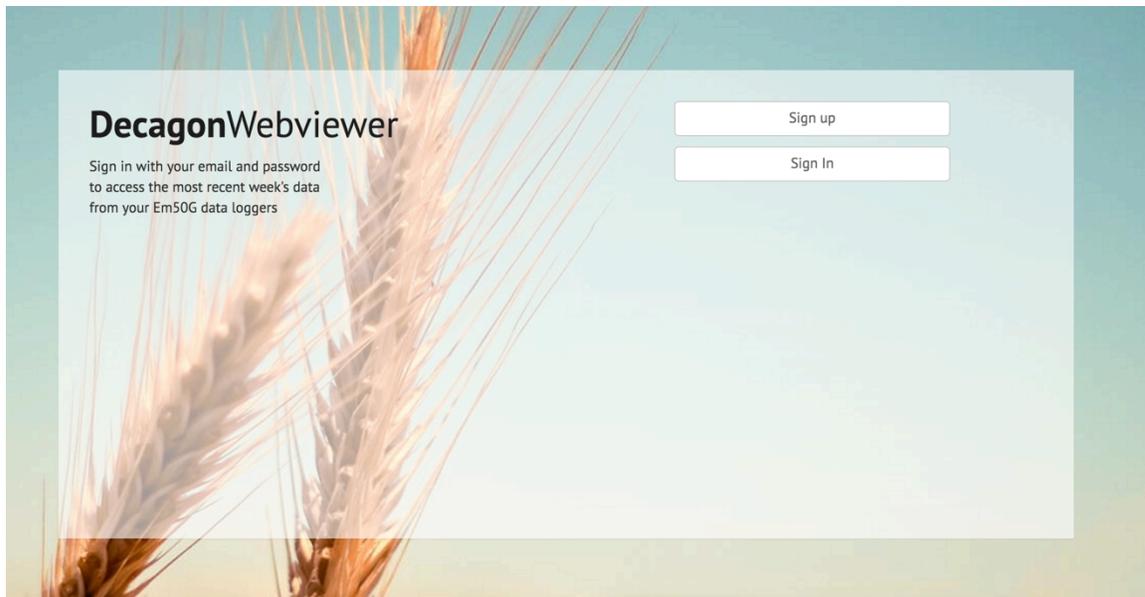


Downloading TAHMO weather station data with the ech2o website.

1. Connect to the <http://ech2o.com/accounts/login/> website



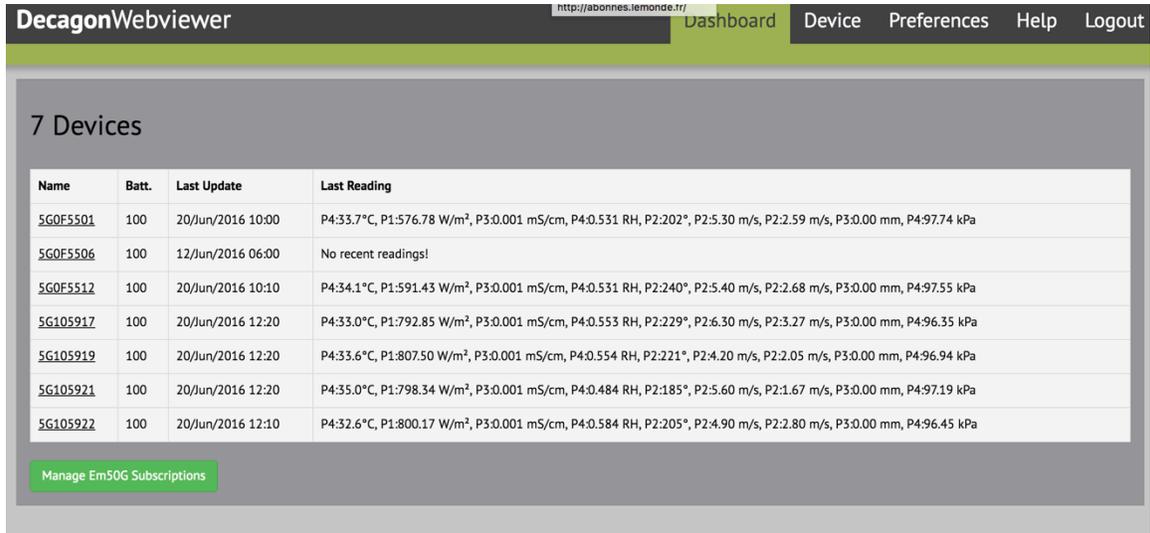
If this is the first time create an account by clicking on “Sign up” and follow the instructions. If you already have your credentials please use the email address and password you had chosen.

When connected you should see a scree like this:

Name	Batt.	Last Update	Last Reading
5G0F5501	100	20/Jun/2016 10:00	P4:33.7°C, P1:576.78 W/m², P3:0.001 mS/cm, P4:0.531 RH, P2:202°, P2:5.30 m/s, P2:2.59 m/s, P3:0.00 mm, P4:97.74 kPa
5G0F5506	100	12/Jun/2016 06:00	No recent readings!
5G0F5512	100	20/Jun/2016 10:10	P4:34.1°C, P1:591.43 W/m², P3:0.001 mS/cm, P4:0.531 RH, P2:240°, P2:5.40 m/s, P2:2.68 m/s, P3:0.00 mm, P4:97.55 kPa
5G105917	100	20/Jun/2016 12:20	P4:33.0°C, P1:792.85 W/m², P3:0.001 mS/cm, P4:0.553 RH, P2:229°, P2:6.30 m/s, P2:3.27 m/s, P3:0.00 mm, P4:96.35 kPa
5G105919	100	20/Jun/2016 12:20	P4:33.6°C, P1:807.50 W/m², P3:0.001 mS/cm, P4:0.554 RH, P2:221°, P2:4.20 m/s, P2:2.05 m/s, P3:0.00 mm, P4:96.94 kPa
5G105921	100	20/Jun/2016 12:20	P4:35.0°C, P1:798.34 W/m², P3:0.001 mS/cm, P4:0.484 RH, P2:185°, P2:5.60 m/s, P2:1.67 m/s, P3:0.00 mm, P4:97.19 kPa
5G105922	100	20/Jun/2016 12:10	P4:32.6°C, P1:800.17 W/m², P3:0.001 mS/cm, P4:0.584 RH, P2:205°, P2:4.90 m/s, P2:2.80 m/s, P3:0.00 mm, P4:96.45 kPa

In this case there are already 7 stations followed by this specific account.

2. Add a station to the list:



The screenshot shows the DecagonWebviewer interface. The top navigation bar includes 'DecagonWebviewer', 'Dashboard', 'Device', 'Preferences', 'Help', and 'Logout'. The main content area is titled '7 Devices' and contains a table with the following data:

Name	Batt.	Last Update	Last Reading
5G0F5501	100	20/Jun/2016 10:00	P4:33.7°C, P1:576.78 W/m², P3:0.001 mS/cm, P4:0.531 RH, P2:202°, P2:5.30 m/s, P2:2.59 m/s, P3:0.00 mm, P4:97.74 kPa
5G0F5506	100	12/Jun/2016 06:00	No recent readings!
5G0F5512	100	20/Jun/2016 10:10	P4:34.1°C, P1:591.43 W/m², P3:0.001 mS/cm, P4:0.531 RH, P2:240°, P2:5.40 m/s, P2:2.68 m/s, P3:0.00 mm, P4:97.55 kPa
5G105917	100	20/Jun/2016 12:20	P4:33.0°C, P1:792.85 W/m², P3:0.001 mS/cm, P4:0.553 RH, P2:229°, P2:6.30 m/s, P2:3.27 m/s, P3:0.00 mm, P4:96.35 kPa
5G105919	100	20/Jun/2016 12:20	P4:33.6°C, P1:807.50 W/m², P3:0.001 mS/cm, P4:0.554 RH, P2:221°, P2:4.20 m/s, P2:2.05 m/s, P3:0.00 mm, P4:96.94 kPa
5G105921	100	20/Jun/2016 12:20	P4:35.0°C, P1:798.34 W/m², P3:0.001 mS/cm, P4:0.484 RH, P2:185°, P2:5.60 m/s, P2:1.67 m/s, P3:0.00 mm, P4:97.19 kPa
5G105922	100	20/Jun/2016 12:10	P4:32.6°C, P1:800.17 W/m², P3:0.001 mS/cm, P4:0.584 RH, P2:205°, P2:4.90 m/s, P2:2.80 m/s, P3:0.00 mm, P4:96.45 kPa

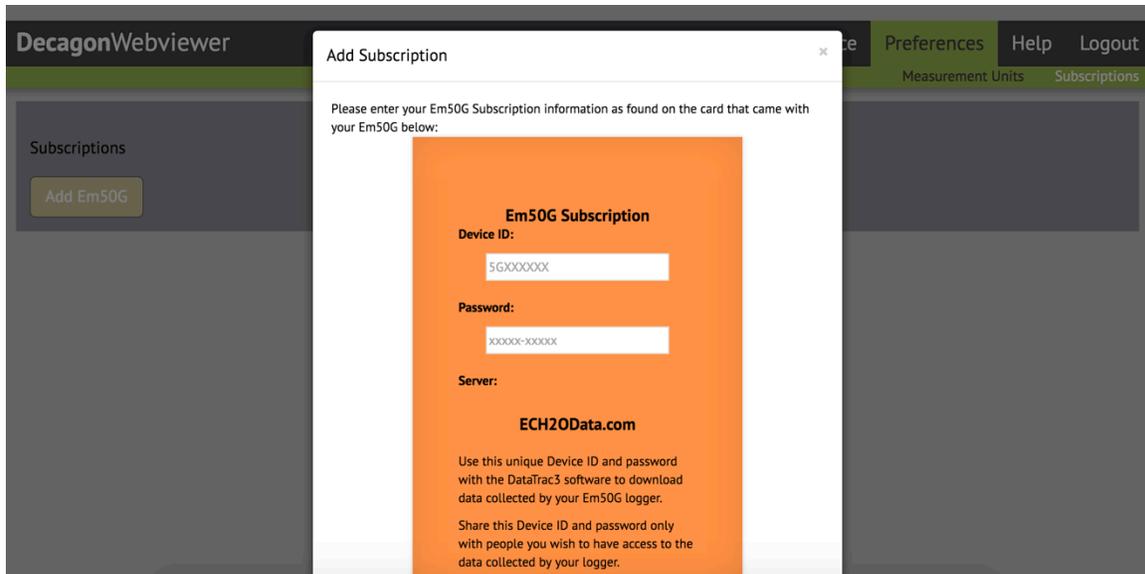
Below the table is a green button labeled 'Manage Em50G Subscriptions'.

a) Click “Manage Em50Subscription” in the above window. This window should show:



The screenshot shows the 'Preferences' window in DecagonWebviewer. The top navigation bar includes 'DecagonWebviewer', 'Dashboard', 'Device', 'Preferences', 'Help', and 'Logout'. Below the navigation bar, there are sub-sections for 'Measurement Units' and 'Subscriptions'. The 'Subscriptions' section contains a yellow button labeled 'Add Em50G'.

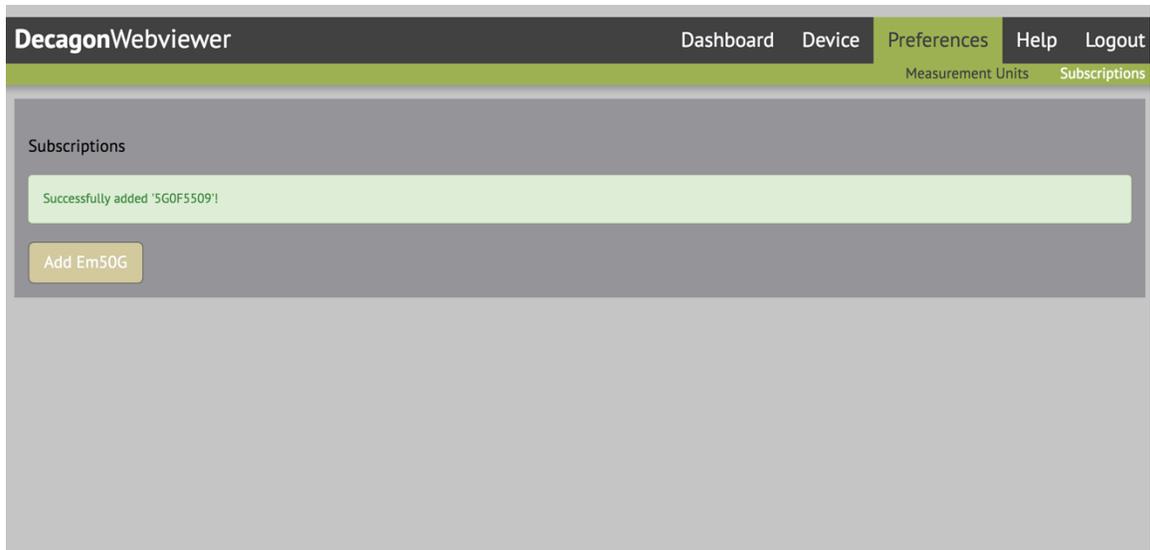
b) Click “Add Em50G”. You should see the following window:



- c) Enter the Device ID and password. This information can be found
- on the orange card which is most of the time in the data logger.
 - In the metadata information sheet the TAHMO team has provided
 - If you do not have this information please contact:
r.hochreutener@tahmo.org.

The Device ID starts with 5G0 (**the number zero** – NOT a capital o)
The password is a 8 letter password which looks like this: **abcd-efgh**

- d) Once this information entered click “submit” at the bottom of the orange part. You should receive the following screen:



e) You can now either add another station by clicking again on “Add Em50G” or return to the dashboard by clicking on the link “Dashboard” in the top right corner. The dashboard shows all the stations added to your account.

3. Check and download the data from a specific station

On the dashboard you should see all your stations added:

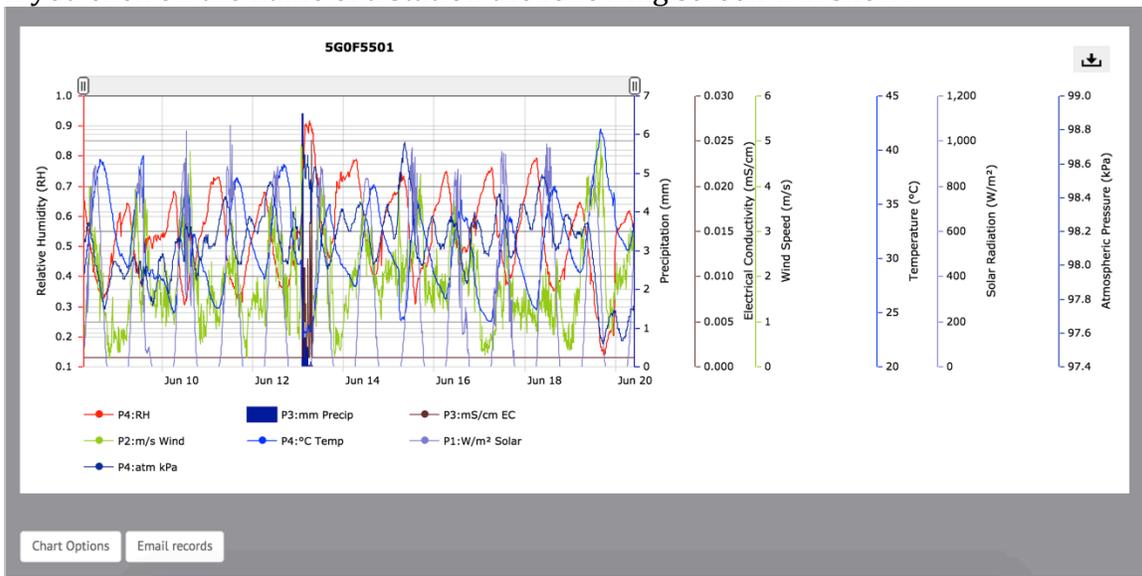
DecagonWebviewer Dashboard Device Preferences Help Logout

8 Devices

Name	Batt.	Last Update	Last Reading
5G0F5501	100	20/Jun/2016 10:00	P4:33.7°C, P1:576.78 W/m ² , P3:0.001 mS/cm, P4:0.531 RH, P2:202°, P2:5.30 m/s, P2:2.59 m/s, P3:0.00 mm, P4:97.74 kPa
5G0F5506	100	12/Jun/2016 06:00	No recent readings!
5G0F5509	100	20/Jun/2016 13:00	P4:13.3°C, P1:173.95 W/m ² , P3:0.001 mS/cm, P4:1.055 RH, P2:30°, P2:2.10 m/s, P2:0.49 m/s, P3:0.00 mm, P4:81.33 kPa
5G0F5512	100	20/Jun/2016 10:10	P4:34.1°C, P1:591.43 W/m ² , P3:0.001 mS/cm, P4:0.531 RH, P2:240°, P2:5.40 m/s, P2:2.68 m/s, P3:0.00 mm, P4:97.55 kPa
5G105917	100	20/Jun/2016 12:20	P4:33.0°C, P1:792.85 W/m ² , P3:0.001 mS/cm, P4:0.553 RH, P2:229°, P2:6.30 m/s, P2:3.27 m/s, P3:0.00 mm, P4:96.35 kPa
5G105919	100	20/Jun/2016 12:20	P4:33.6°C, P1:807.50 W/m ² , P3:0.001 mS/cm, P4:0.554 RH, P2:221°, P2:4.20 m/s, P2:2.05 m/s, P3:0.00 mm, P4:96.94 kPa
5G105921	100	20/Jun/2016 12:20	P4:35.0°C, P1:798.34 W/m ² , P3:0.001 mS/cm, P4:0.484 RH, P2:185°, P2:5.60 m/s, P2:1.67 m/s, P3:0.00 mm, P4:97.19 kPa
5G105922	100	20/Jun/2016 12:10	P4:32.6°C, P1:800.17 W/m ² , P3:0.001 mS/cm, P4:0.584 RH, P2:205°, P2:4.90 m/s, P2:2.80 m/s, P3:0.00 mm, P4:96.45 kPa

[Manage Em50G Subscriptions](#)

If you click on the name of a station the following screen will show:



By clicking on the legend of the graph you will make the specific parameter appear or disappear on the graph.

You can also modify the chart options by clicking “Chart Options”

4. Downloading the data:



To download the data click the  in the window above. You can then choose between an excel spreadsheet, a jpg or a png of the graph.

You can also have the data emailed to you by clicking on “Email records” of the above screen.

If you have any questions please contact Rebecca Hochreutener at r.hochreutener@tahmo.org