The more "difficult" setup questions when installing the PWS_Dashboard

Live data file we will use

How dow we get our live data?

Here you select the weather-program and what type of file you are using.

First select the weather-program to use from the drop-down.
When using an API, or an network such as WU or WL.com you do not need to specify the location of the file in the next question. All other weather-programs upload the file to use, you will set the location now.

Path to your **realtime** data file. Not used with an API.

You should set the **path** to that file, for our example we use clientraw.txt.
Do **not use** an external ink such as http:// as that will drastically increase the load on your server.

If the file is in the root of your site you should use "`../clientraw.txt`"
The "`../`" signals the webserver to go down one folder from the `pwsWD/` folder to find the file.

If the clientraw is to be found in another folder on your website use "`../anotherfolder/clientraw.txt`"
Again the "`../`" points to the root and the webserver will find the file in the folder with the name "`anotherfolder`"

Historical data: Use WU or your webserver

Should the graph-script use WU-data?
Or will a cron-job save your historical data on your own website?

The scripts use the new WU_API to collect your historical data for the graphs. If you do not upload to WU, you can select to store the data on the webserver. You need to run the station-cron then also.

Station/owner details & Your station location details

For longitudes **left** of Greenwich a **-** sign is needed.

Just the opposite as you use in WeatherDisplay. So for Germany there should be no sign. For Ireland and the US there should be a minus. PHP-webservers use the SI-standard for longitude

Menu options

Display Extra links in Menu (default false)

If you want to include extra pages in the menu, just set this to "Yes we do".

The supporting script is **_my_settings/frames.php** where you setup the links to the extra page(s) you want to use. In **_my_settings/upload_to.txt** you can set to which weather.nets you upload your data. An extra page in the menu is generated for every net you upload to.

Display theme-selection in Menu

There are three themes, if you change one theme to give your site your own "look" you switch off theme-switching. But be aware that a lot of visitors prefer the ligt or dark theme as they are used to those color-sets.

Optional devices to be used

Here you specify if and what type of extra stations you will use. Devices like Air-Quality sensors or a webcam f.i.

Do you want to show an official AQ station nearby?

If you want to use an official AQ station to display the AirQuality in your area,
you need to **obtain an API-key** at this site https://aqicn.org/data-platform/token/#/

Options for top row with small modules

There are 5 positions possible in the top row when using the wide format of 4 large blocks / row
The normal setup of 3 large blocks give enough room for 4 small ones

Options for top row module 2 & 3

Here you select which forecast you want and how you want to get the "current conditions" for your station

Options for bottom row module 2 & 3

Select the blocks you want to use there

Optional extra blocks

Do you want to show three extra blocks on your website

Default there are 3 rows of 3 blocks wide. You can select to use 3 extra blocks, either on the right side (often called the "wide" option) or at the bottom, the "tall" option.

========== API -keys used for forecasts a.s.o. =========

***DARKSKY**:*
The forecasts can not be used by new users, current users can still use until end of 2021.

***AERIS**:*
Their forecast and the current-conditions for your area can be used if you are uploading your data to pwsweather.com. You will find information here https://www.pwsweather.com/contributor-plan

WEATHERUNDERGROUND*:*
The forecast and your historical data can be used if you upload your data to their website.
You can obtain your API-key at your members page.

METAR
An option for "current conditions" is the METAR information from a nearby airport.
To get the API for that go to https://www.checkwx.com/signup

========== API -keys used for retrieving your station data from a weather-net. =========

For **Weatherlink cloud** (two different versions) and **Ambient weather-net** you need have to enter your credentials. Always check if you did not leave unneeded characters before or after the string. Often a single space character is left which prohibits retrieving your data.