

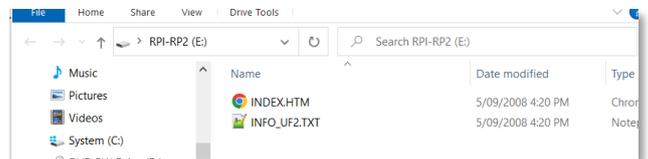
## Loading the Pre Configured Image

An alternative method of loading the firmware is to use the file WaterCtrl.uf2. This is pre-configured with MMBasic including the required options, the BASIC program and the required files copied to the internal filesystem. The only extra step required is to set your WiFi SSID and password.

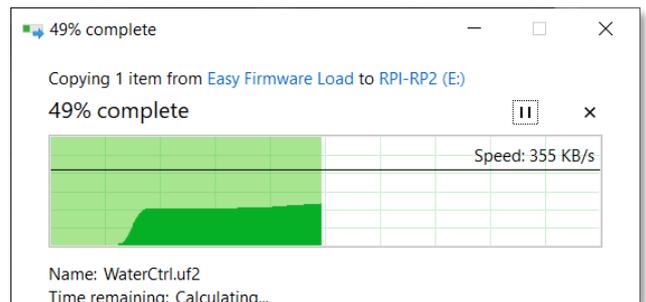
To use this method of loading the firmware:

- Plug the Pico W into a USB port on your computer **while holding down the white push button on the top.**

- A pseudo USB drive will appear.

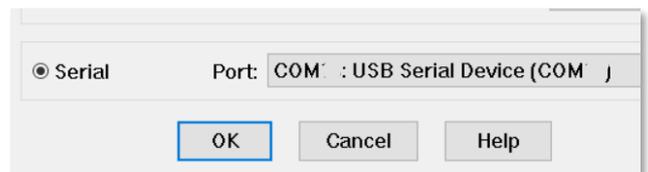


- Drag and drop WaterCtrl.uf2 into this drive.



- When the copy has finished connect to the serial over USB port created when the Pico restarted.

For Windows we recommend using TeraTerm (<http://tera-term.en.lo4d.com>).



- Set the SSID and password for your WiFi with the command:  
OPTION WIFI "ssid", "password"  
Note that the quotes are required.

- The Pico will restart so you will need to reconnect to the serial over USB port.

- Then start the firmware running by entering the command: RUN

```
COM10:38400baud - Tera Term VT
File Edit Setup Control Window Help
> OPTION WIFI " ", " "
Connecting to WiFi...
Connected 192.168.1.60
Starting server at 192.168.1.60 on port 80
> RUN
01-01-2000 00:00:17 ===== Booting...
01-01-2000 00:00:17 Checking connection to WiFi
01-01-2000 00:00:17 Connected. IP address is 192.168.1.60
01-01-2000 00:00:17 Getting UTC time
ntp address 162.159.200.1
got ntp response: 21/06/2023 02:47:35
ntp address 162.159.200.1
got ntp response: 21/06/2023 12:47:35
```

- Note the IP address that your router has given to the WebMite (192.168.1.60 in the example above). Enter that address into the address bar of your web browser, hit enter and you should see the main web page. The first thing that you should do is click on GENERAL SETTINGS and enter your location.