

1. Download and install R (link below)

There are several releases, so you can just install the newest one, which is 4.03. Follow the prompts to complete installation.

<https://ftp.heanet.ie/mirrors/cran.r-project.org/>

2. Run the 'Install Packages' file from the folder

Double click the file and it should open in an R window. Select the whole script, either with the mouse or control+A (command+A on a Mac), and while it's highlighted, run the script by hitting control+enter (command+enter on a Mac). This will install the packages that the script is dependent on. Close the window, and you don't have to save it. You only need to do this once. Any other time you want to make a map, you can start from step 3.

3. Set up your map with the 'Style 1' file

Double click to open it. At the top of the script, you'll see there are some instructions and options for you to set. By default, it is set to make a map of Amsterdam. You can enter any place you'd like for the City and Country, but be sure to keep the text in quotations.

- You can then set the zoom level, the higher the number, the more zoomed in the map will be. I think you'll always be somewhere between about 20 and 90. The smaller the number, but more zoomed out the map will be, so it will take longer to run because it is pulling in a lot more data.
- The height, width and DPI refer to how the map PNG will export. The default measurements are in inches, but I can set that up to be mm or cm if you'd like.
- Next you set the folder location you want the exports to go to. This is the file path to that folder. Be sure that the path is using '/' forward slashes instead of '\' backslashes.
- Finally, you have the option to set your own center for the map by giving it a latitude and longitude. If you leave this as 'NULL', it will get a center automatically from OSM, but I've noticed sometimes what OSM considers the center doesn't make for the prettiest map.

4. Run the map script

Select the whole script, either with the mouse or control+A (command+A on a Mac), and while it's highlighted, run the script by hitting control+enter (command+enter on a Mac). You'll see a console window pop up and you can watch it run. Once it's done, and most maps should take less than a minute, the console will show a "MAP EXPORT FINISHED" message. Go to your folder to find the map.