

EPW Climate Data:

Manual Installation:

If you want to manually install EPW files, our Energy Design Tools website (www.energy-design-tools.aud.ucla.edu) links to the EnergyPlus website which contains climate data for thousands of stations around the world available for download. EPW data can be downloaded for use in HEED, SBEED and/or Climate Consultant by clicking on the Weather Data in EPW format. When this file is downloaded to your computer, cut and paste it to the folder where you store EPW data (see specific instructions below).

If either HEED, SBEED or Climate Consultant has a problem reading the EPW file that you downloaded, first check that the file size is about 1.5 megabytes, and if not it means it is not a complete EPW file, so download it again. The most common problem is that the filename does not end with the .epw extension. If you download using the Save Page As option it will probably end in .html, so delete this. Do not be fooled because your computer may have added a hidden .txt or .html extension to the filename which you must remove. To do this on a Mac you can use the File->Get Info command in Finder to rename the files. On a PC you can right click on it and delete everything after the .epw extension.

Specific Instructions:

In HEED:

PC Users:

Save EPW files into your C:\HEED\SOLAR5\TMY folder.

Mac Users:

Save EPW files onto your computer desktop and then use the Install EPW File... command in HEED's Library menu to install the EPW file automatically or move the file to your ~/Library/Application Support/HEED/tmy folder to install it manually (this folder is created the first time you use HEED, use the Go to Folder... command in Finder's Go menu to open it quickly).

Both Mac and PC Users:

Once your new EPW climate data file is downloaded and installed in the correct format and folder location, launch HEED and on the Initial Design screen, click on the arrow next to the Location input field and select the new location in the resulting popup list.

Check the Location data on the upper right of all HEED screens to confirm that it is your new data.

Note also that climate data for all 16 California Climate Zones are already built into HEED. You can access them by typing a California zipcode into the Location field (if your local utility is covered by HEED), or by simply typing in your climate zone number 1 to 16.

In Climate Consultant:

PC Users:

Save EPW files into your C:\ClimateX folder (where X is the build number).

Mac Users:

Save EPW files into your ~/Library/Application Support/Climate Consultant/Climate Data folder (this folder is created the first time you use Climate Consultant, use the Go to Folder... command in Finder's Go menu to open it quickly).

Both Mac and PC Users:

Once your new EPW climate data file is downloaded and installed in the correct format and folder location, launch Climate Consultant click on Open Existing EPW Weather Data File either when starting a new project or selecting Change Weather Data on the File menu. Select your desired climate data from one of the EPW files you have previously downloaded or one of the sample EPW files included with Climate Consultant. If you have any questions or problems please email: energy.design.tools@ucla.edu.