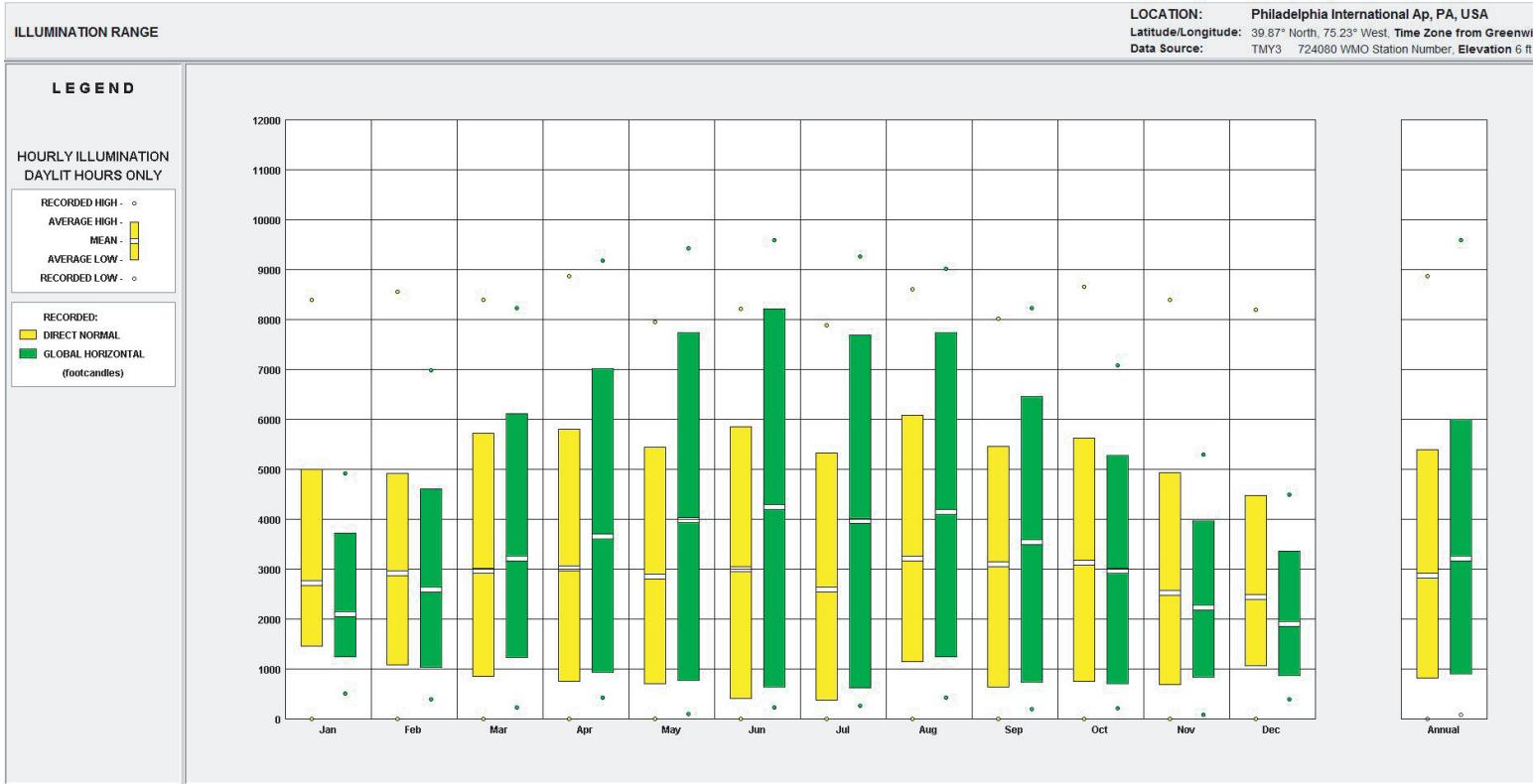
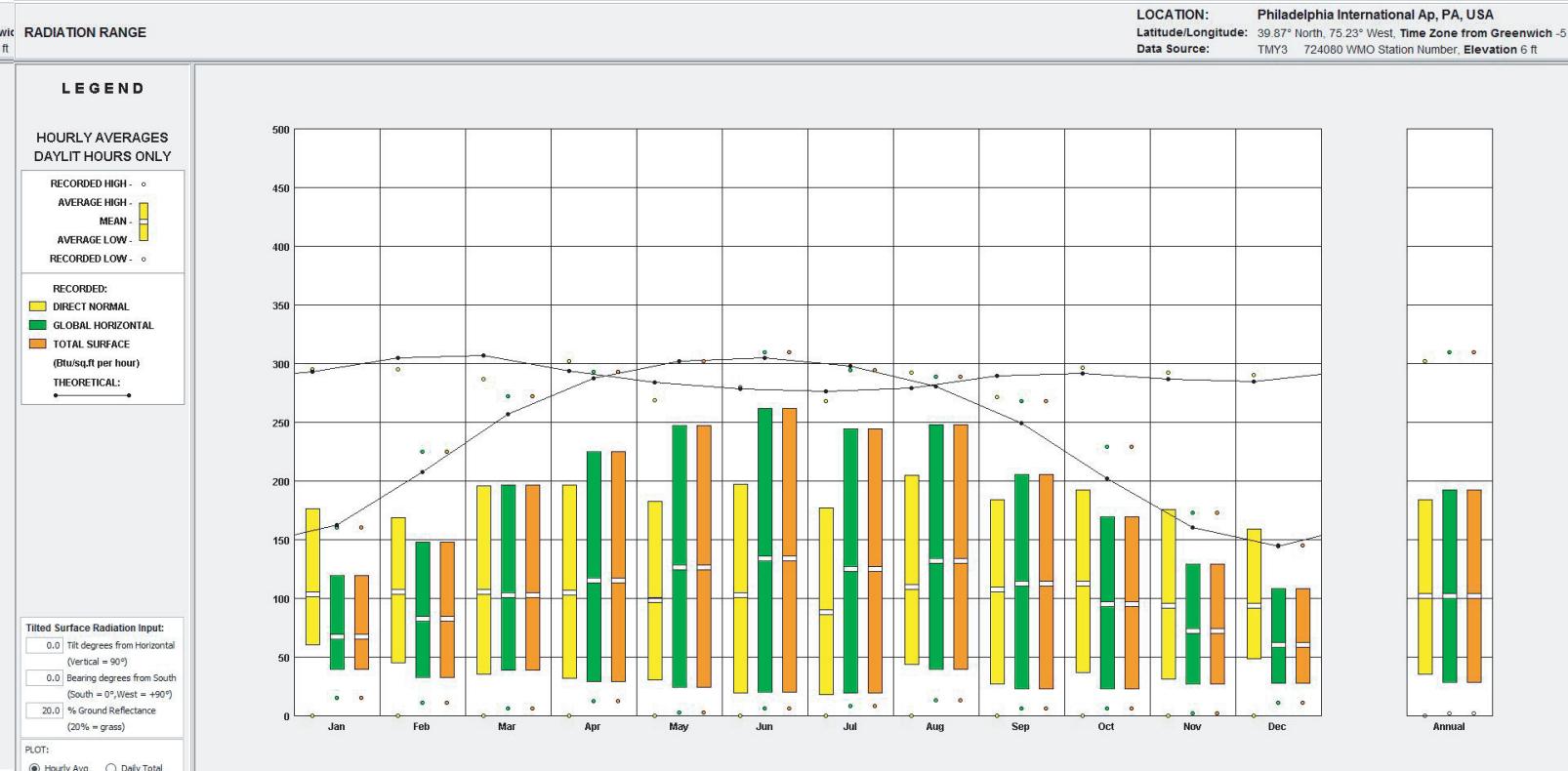


Philadelphia Weather Report

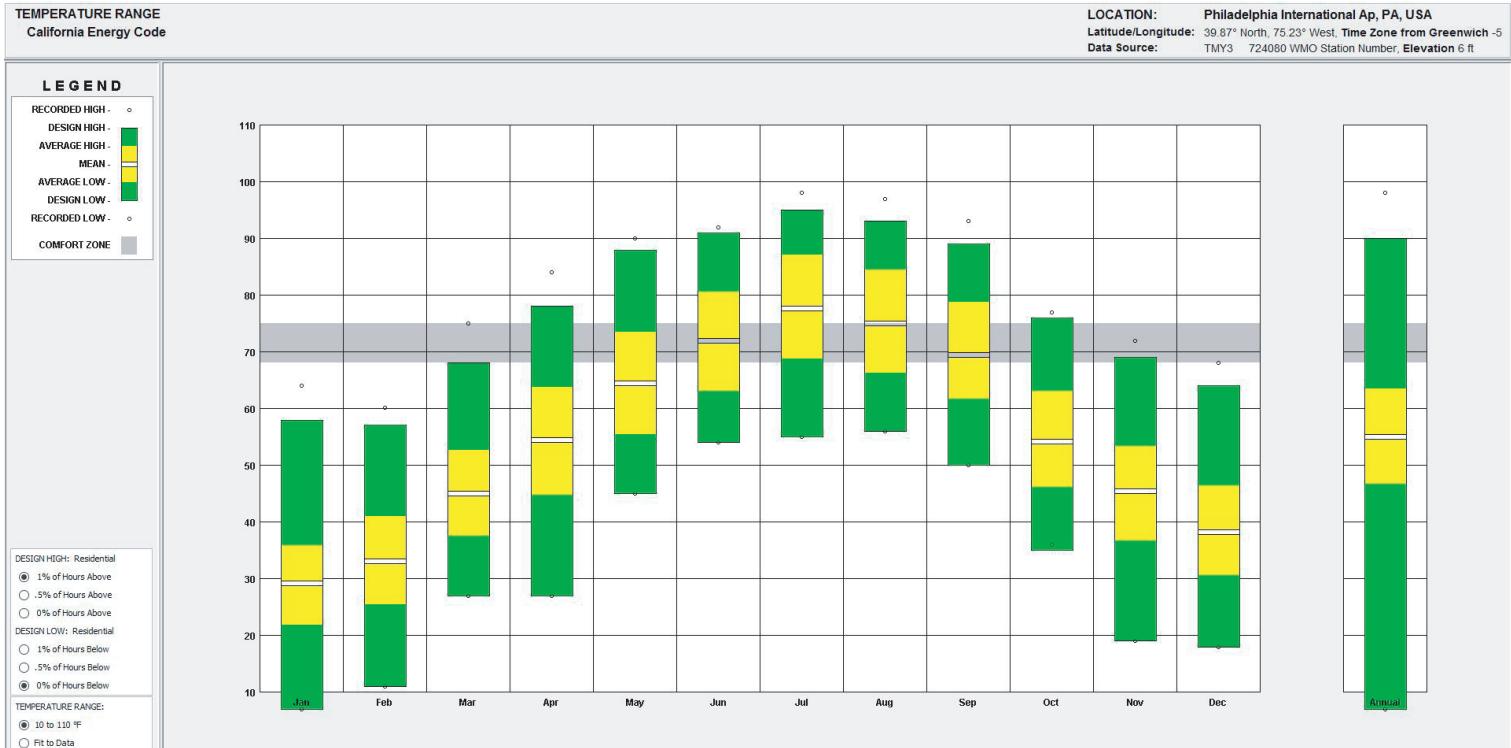
Illumination Range



Radiation Range



Temperature Range



Passive Design Strategy:

- 1) Increase the use of sun shading device like sunshade and window blind in summer time to avoid excessive use of air conditioning in hot weather.
- 2) Increase natural ventilation at home like opening the windows and room doors more often and clean the house to make space for air to circulate to lower the indoor temperature at hot summer days.
- 3) In winter days when the sun illumination is lower compared to summer time, outdoor activity space can be added to courtyards, like sunlight rooms which are wind-protected to extend the illumination hours.

Software Being Used:

Climate Consultant