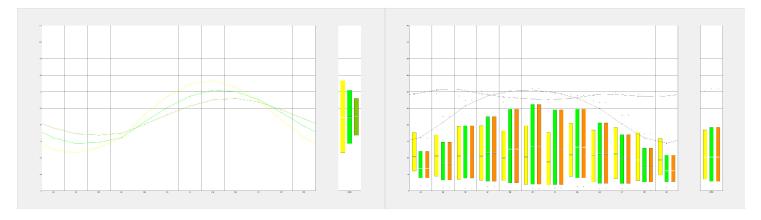
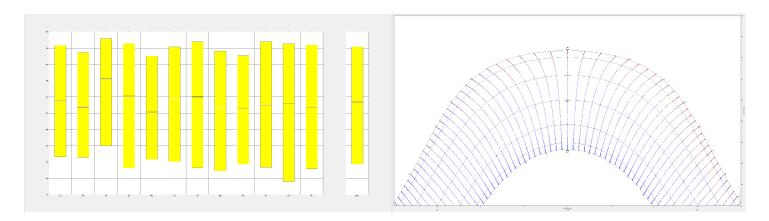
Software: Climate Consultant

Data: USA_PA_Philadelphia.Intl.AP.724080_TMY3



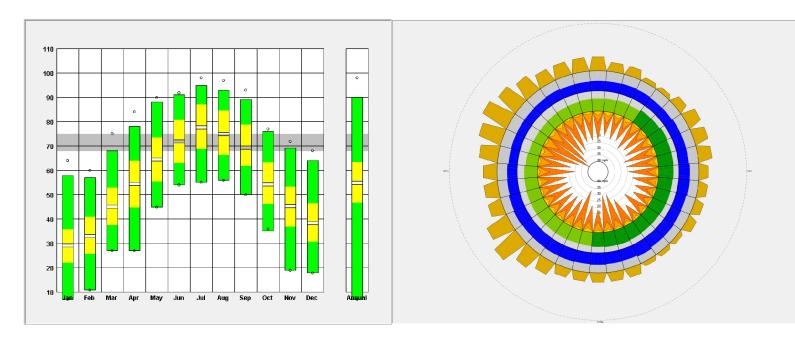
Ground Temperature

Radiantion Range



Sky Cover Range

Sun Shading Chart



Temperature Range Wind Wheel

- 1. The Northwest and South blows more often through the year. We should design in the balance between resisting wind power and to create natural ventilation, especially on the facades that are facing most frequent winds.
- 2. Most time of the year, we have to provide air conditioning for the interior space, for temperature and comfort range differently through the year, between summer and winter. In the process of design, we shhould consider a more eco-friendly way to keep the thermal performance of the building.
- 3. Since the data is collected in the airport, which is a very open space, the condition including wind and temperature is a more ideal result of all the climate factors. When we design a building in a specific site, we should measure and consider the real condition of the site, not only refer to the climate data.