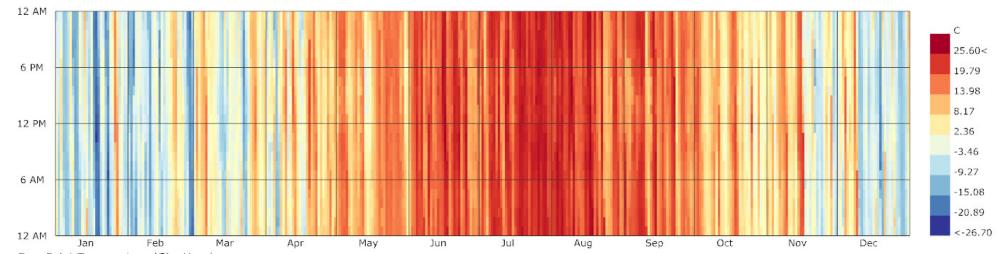
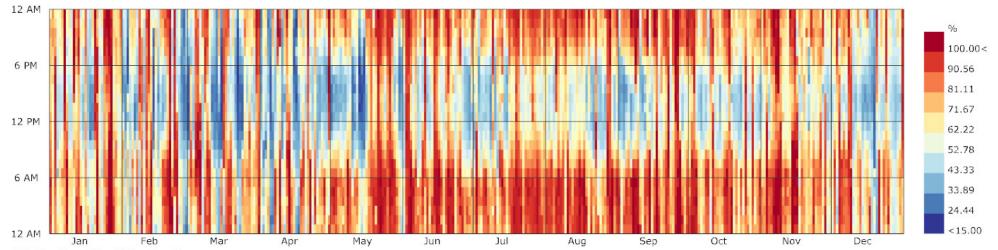


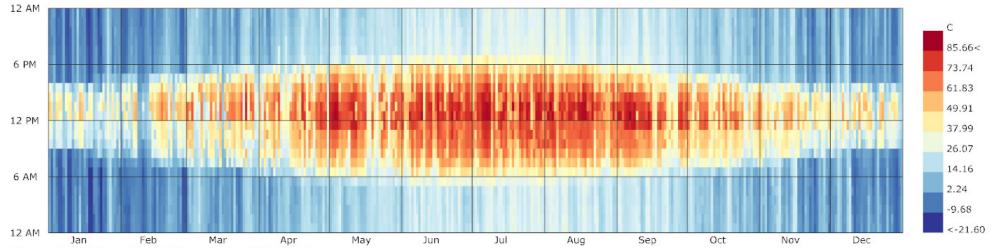
Dry Bulb Temperature (C) - Hourly Philadelphia International Ap_PA_USA 1 JAN 1:00 - 31 DEC 24:00



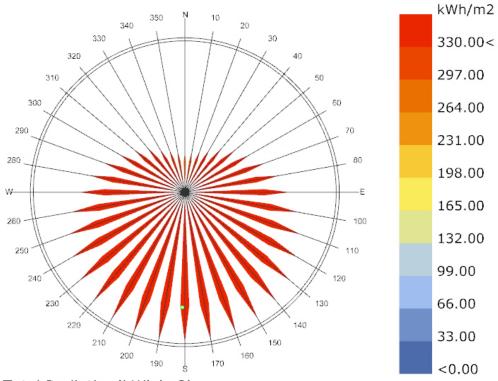
Dew Point Temperature (C) - Hourly Philadelphia International Ap_PA_USA 1 JAN 1:00 - 31 DEC 24:00



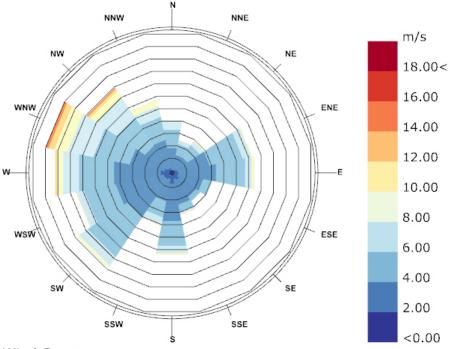
Relative Humidity (%) - Hourly Philadelphia International Ap_PA_USA 1 JAN 1:00 - 31 DEC 24:00



Solar-Adjusted Mean Radiant Temperature (C) - Hourly Philadelphia International Ap_PA_USA 1 JAN 1:00 - 31 DEC 24:00



Total Radiation(kWh/m2)
Philadelphia_International_Ap_PA_USA
1 JAN 1:00 - 31 DEC 24:00



Wind-Rose

Philadelphia International Ap_PA_USA

1 JAN 1:00 - 31 DEC 24:00

Hourly Data: Wind Speed (m/s)

Calm for 2.81% of the time = 246 hours.

Each closed polyline shows frequency of 1.0%. = 90 hours.

RESOURCES USED: EPWvis | LadyBug | HoneyBee

MOST IMPORTANT PASSIVE DESIGN STRAEGIES:

- 1: Minimize solar exposure during periods of heat
- 2: Maximize solar exposure during cold periods
- 3: Design barriers to limit wind exposure for cold and increase for heat