













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 STRATEGIES:

- 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