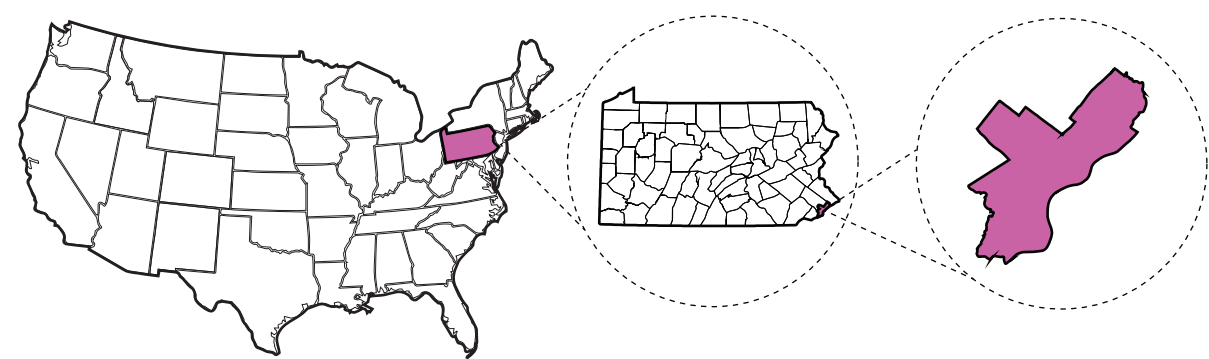
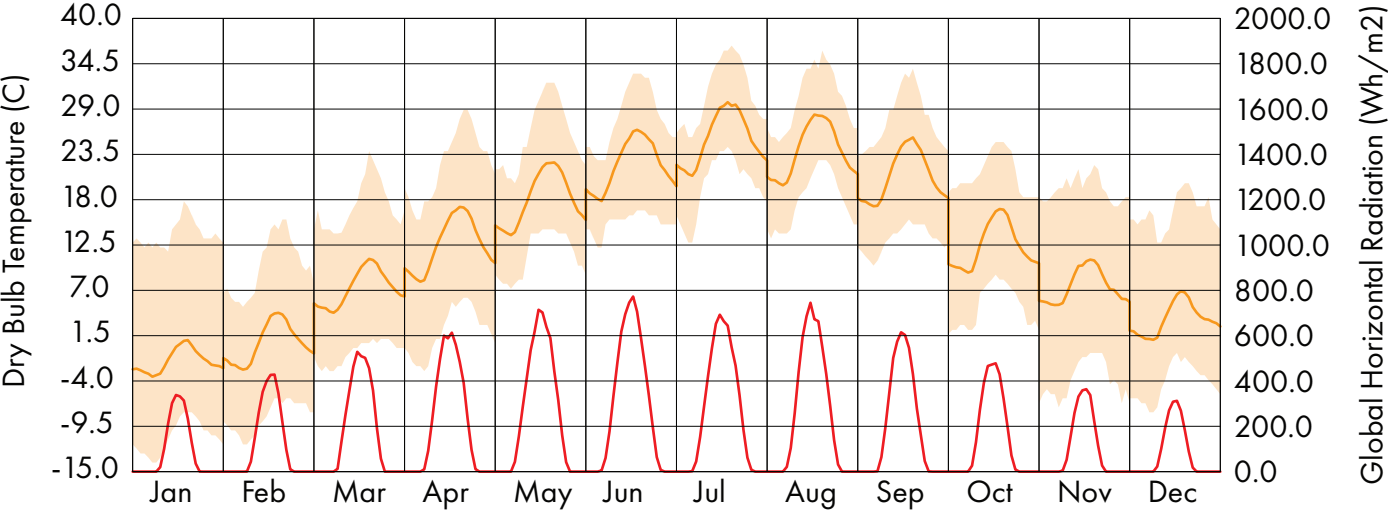


PHILADELPHIA, PENNSYLVANIA

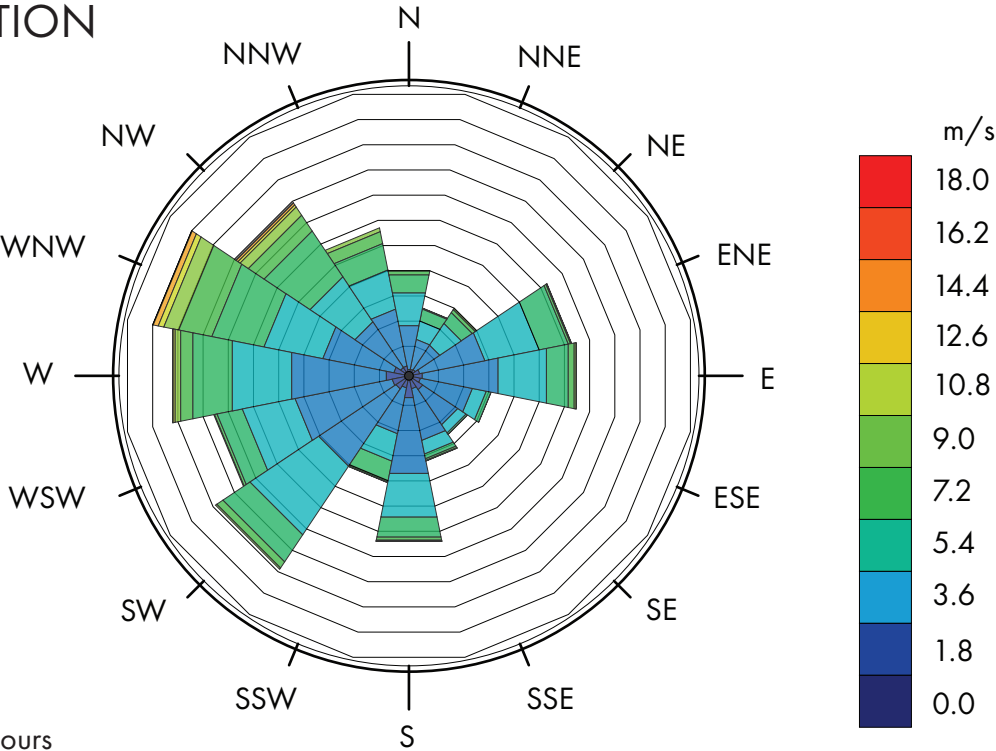
LATITUDE 39.87 | LONGITUDE -75.23



MEAN MIN-MAX TEMPERATURES

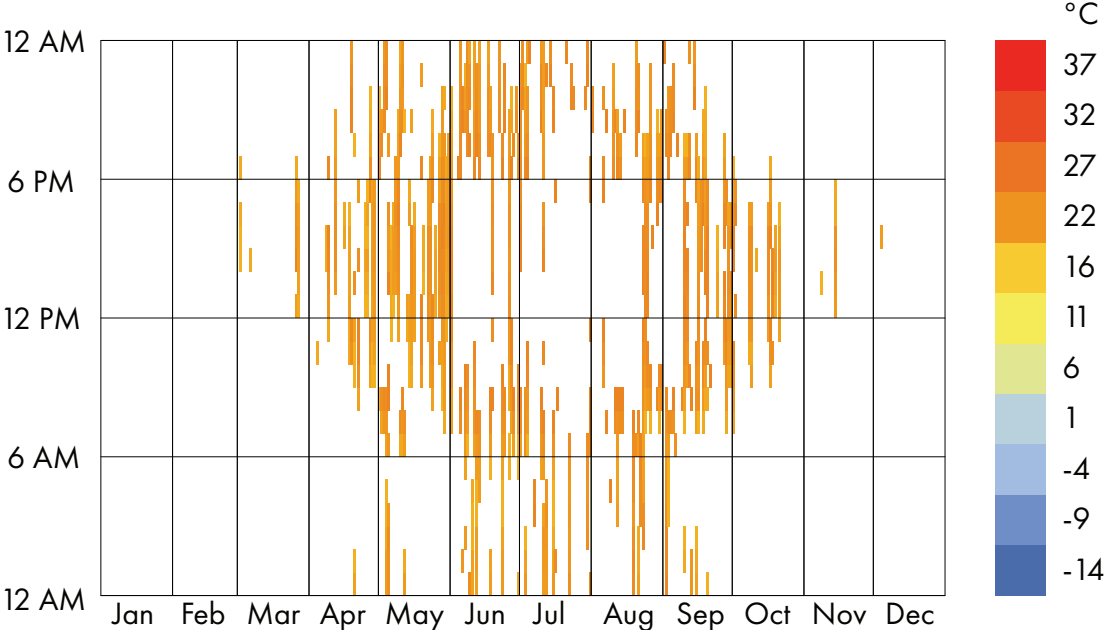


WIND SPEED & DIRECTION ANNUAL

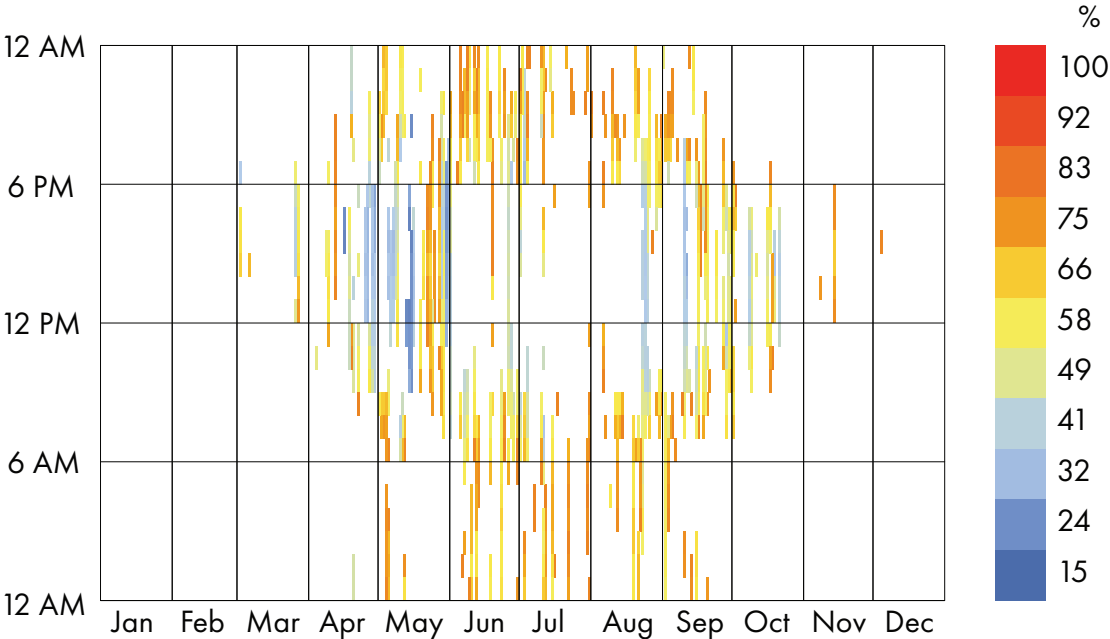


Calm for 2.81 % of the time = 246 hours

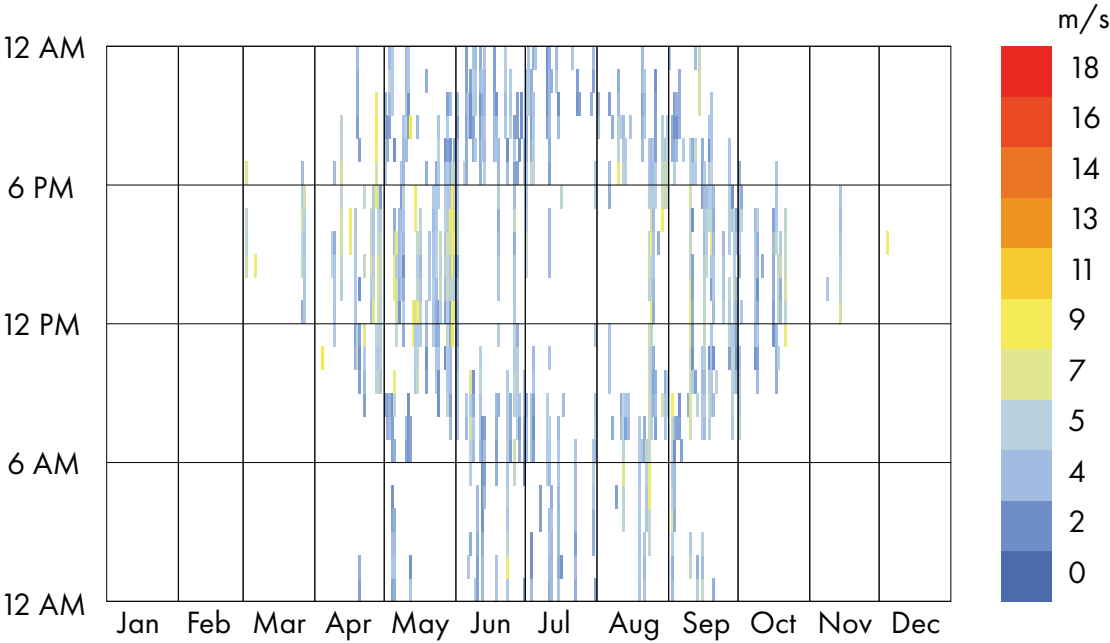
DRY BULB TEMPERATURE HOURLY



RELATIVE HUMIDITY HOURLY



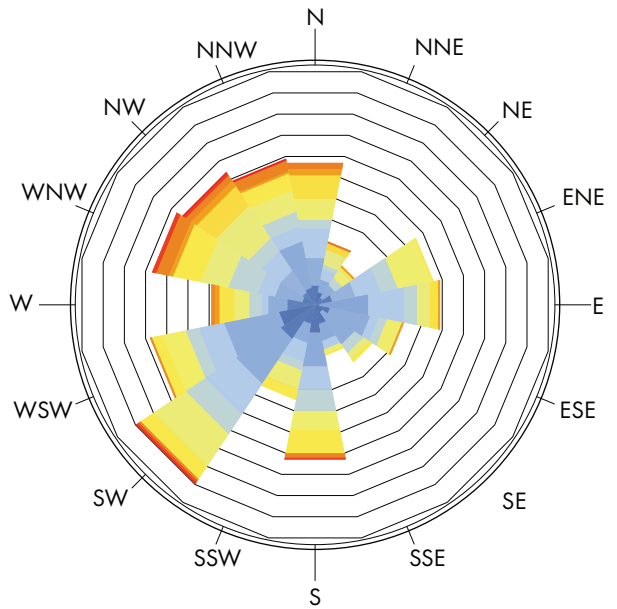
WIND SPEED HOURLY



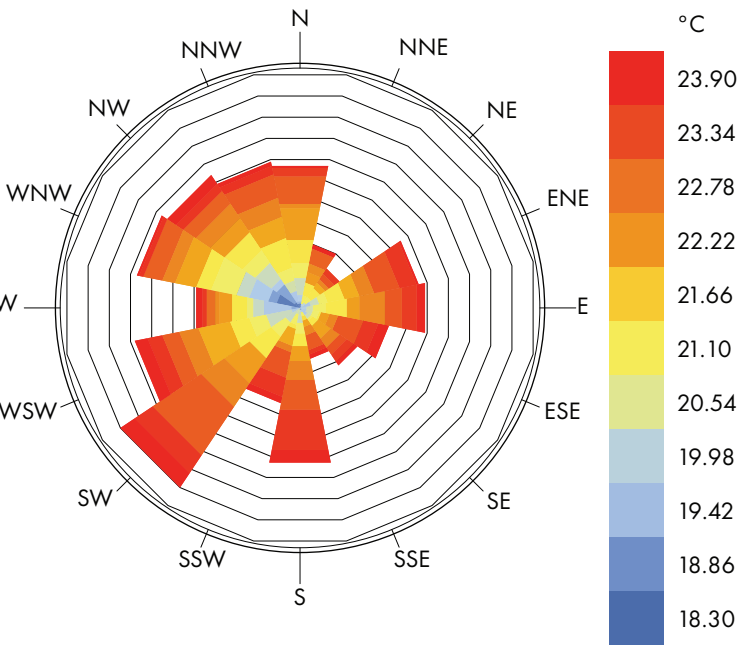
ADAPTIVE COMFORT ANALYSIS

RESIDENCE AT 1901 CALLOWHILL STREET IN PHILADELPHIA

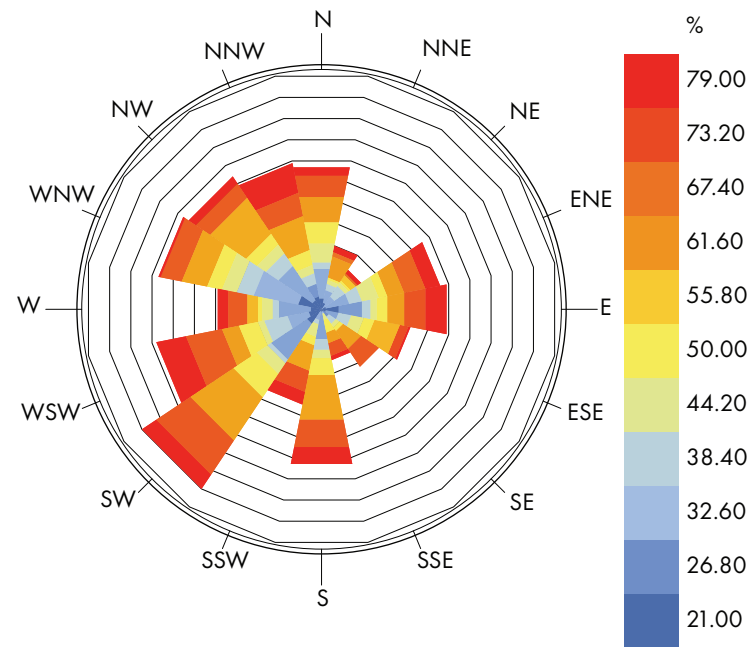
WIND SPEED + CONDITIONS*



WIND + TEMPERATURE*

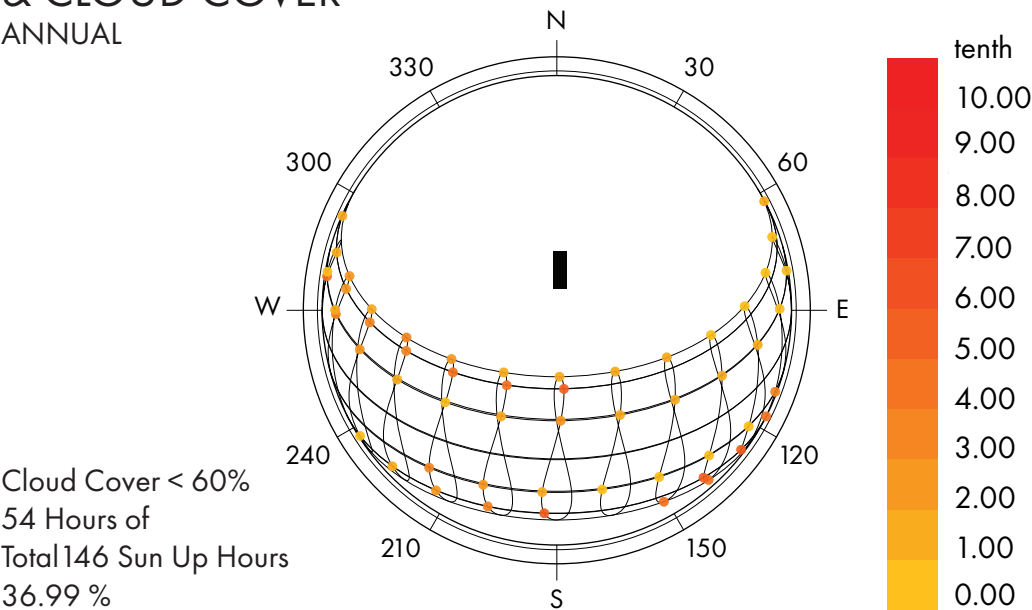


WIND + RELATIVE HUMIDITY*

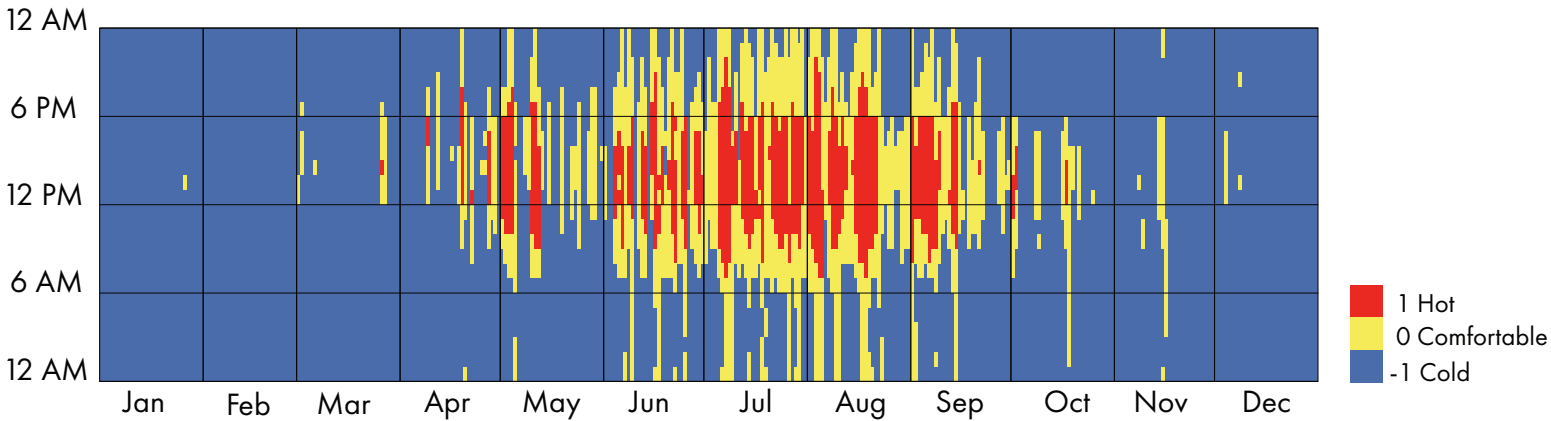


*Conditional Selection Applied:
18 < Dry Bulb Temperature < 24
and 20 < Relative Humidity < 80
and 2 < Wind Speed < 10

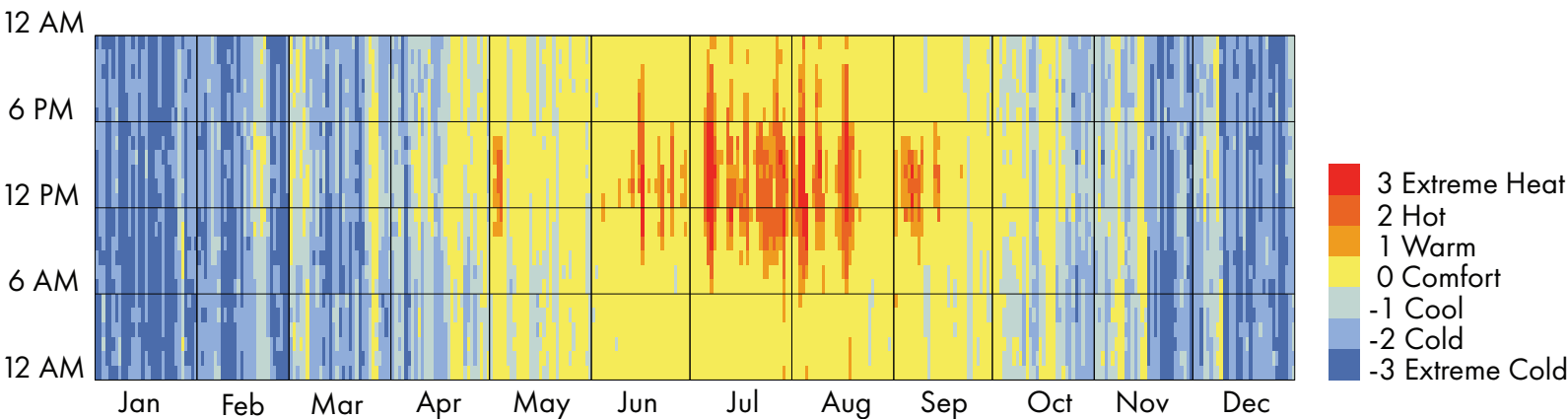
SUN POSITION
& CLOUD COVER
ANNUAL



TEMPERATURE & COMFORT



TEMPERATURE & COMFORT + RADIANT EFFECTS



SUN POSITION
& COMFORT
ANNUAL

