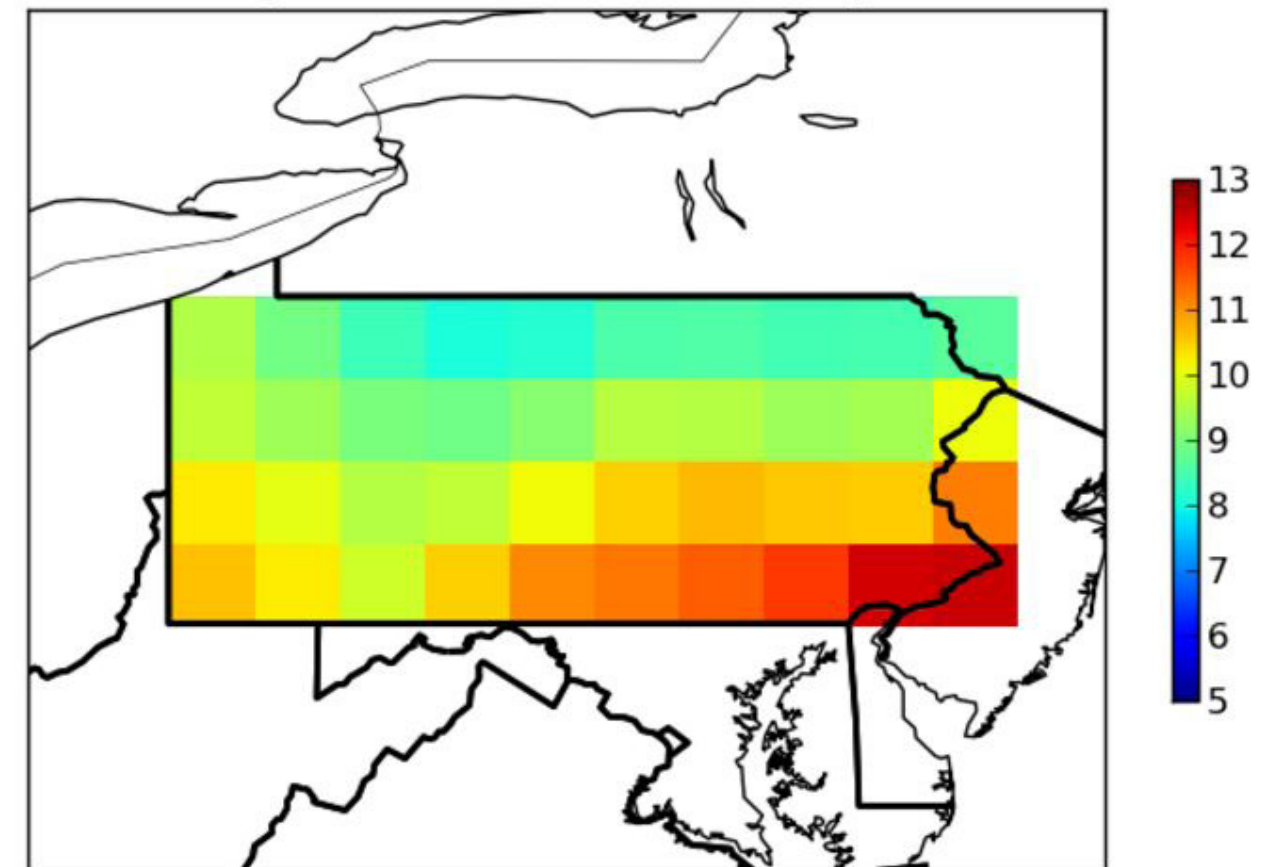
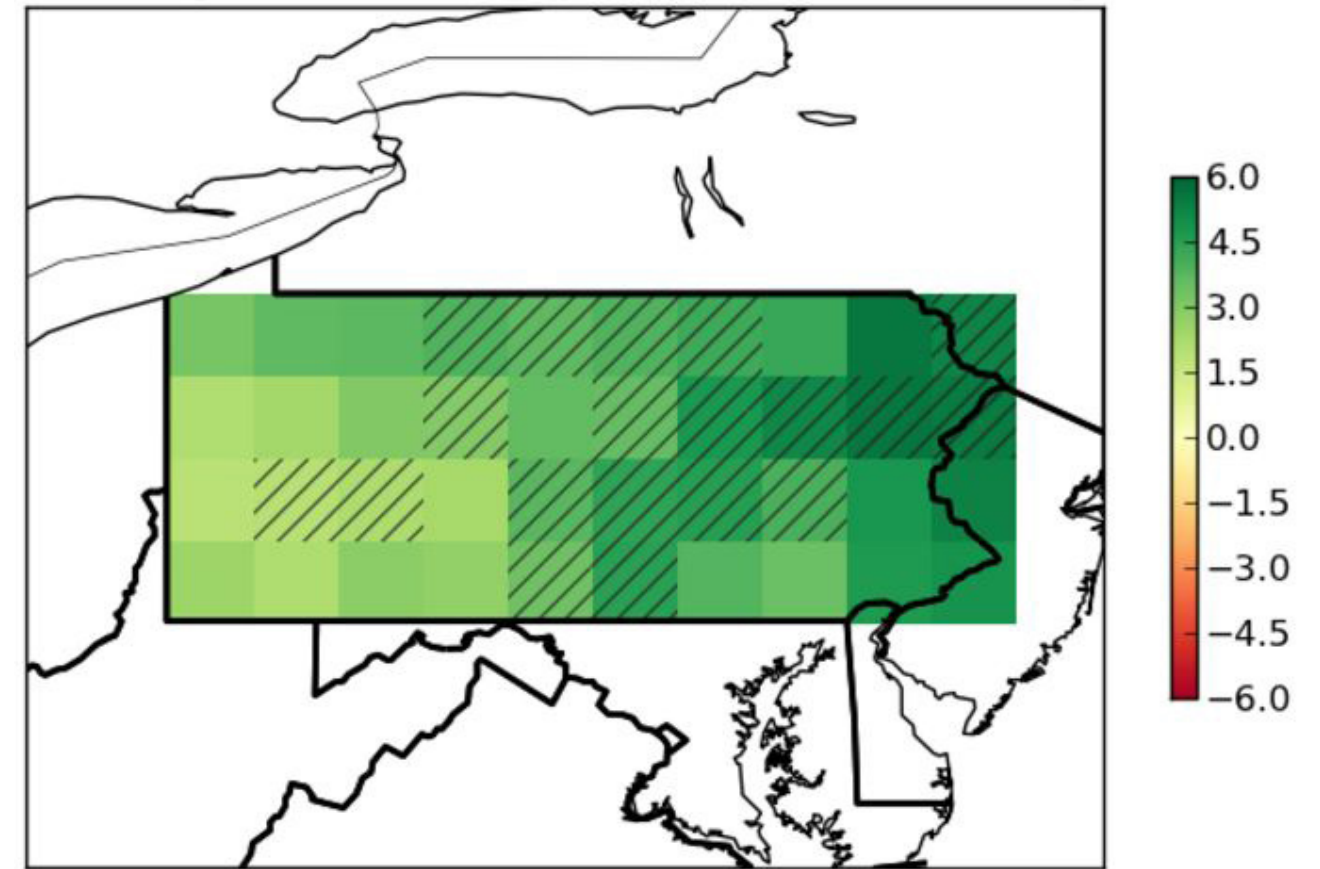
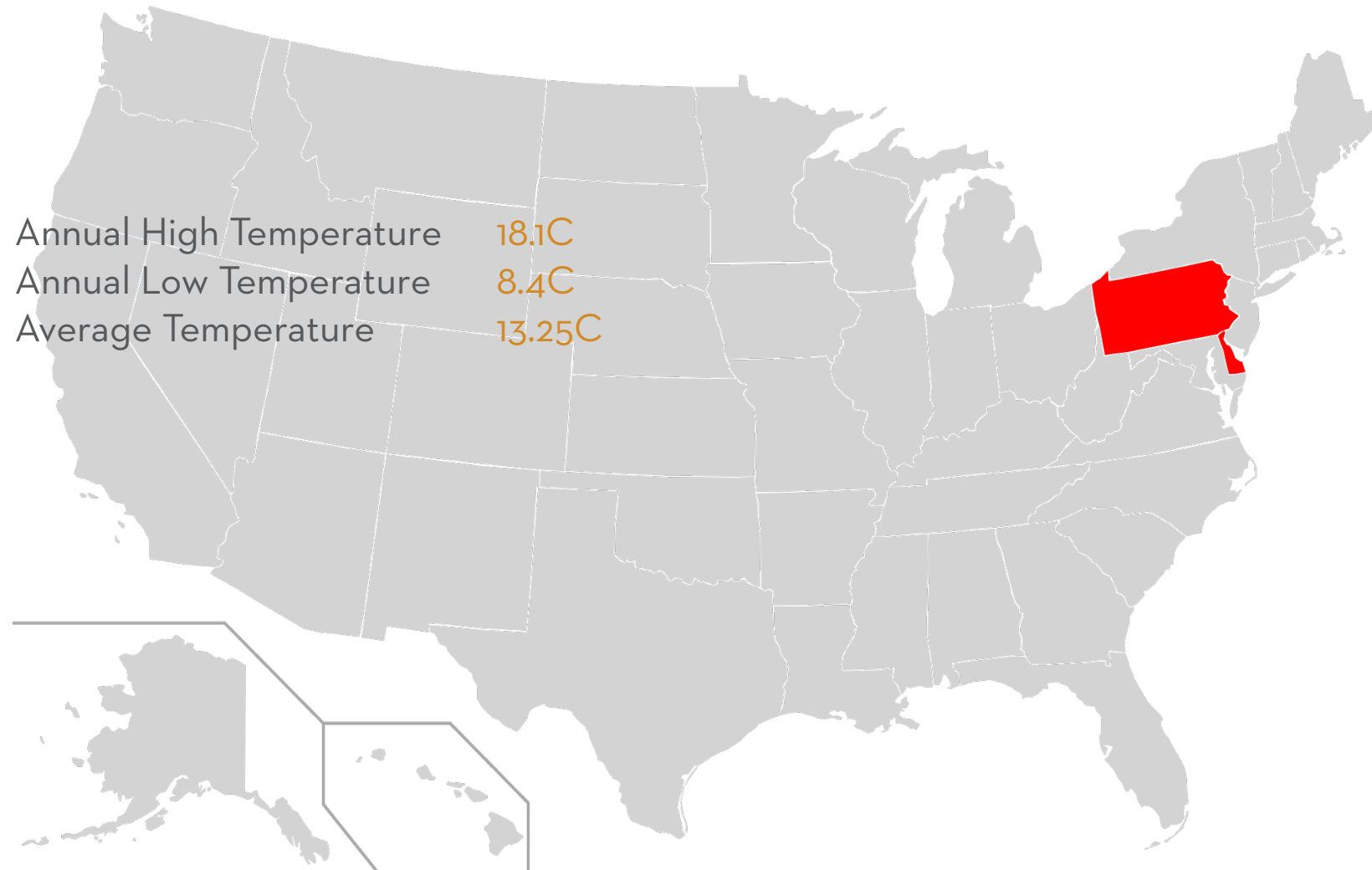


ARCH 753
ESTHER HAH
PHILADELPHIA // PA
CLIMATE ANALYSIS

PHILADELPHIA, PENNSYLVANIA CLIMATE ANALYSIS

LOCATION

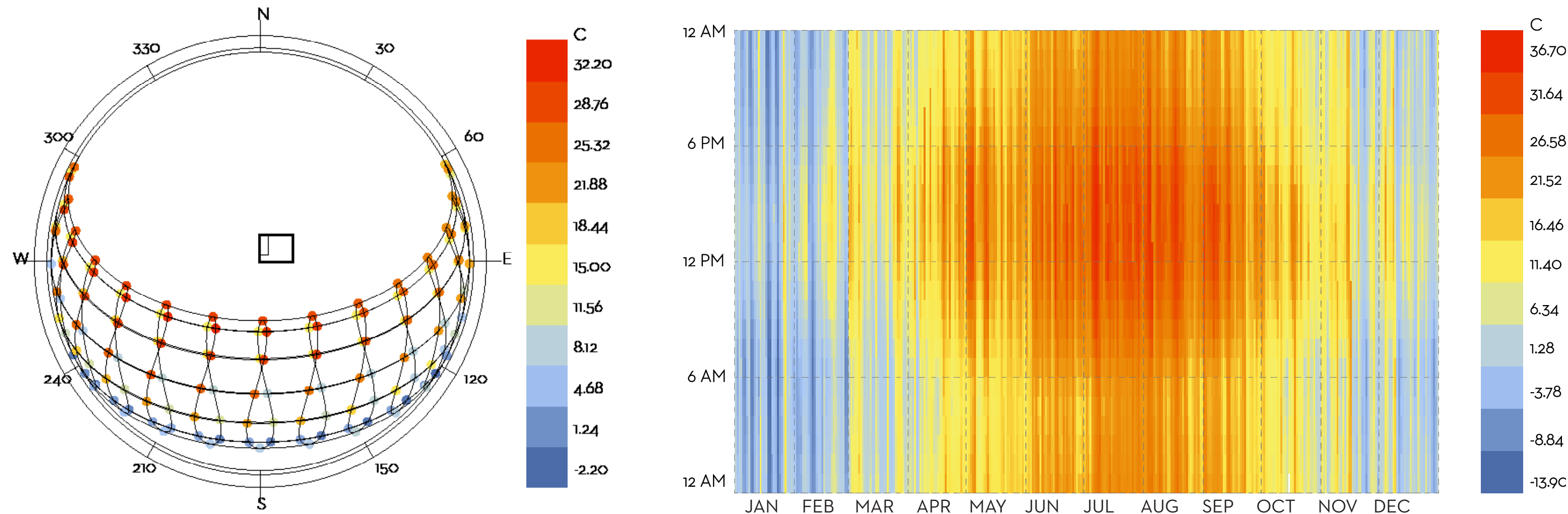
PHILADELPHIA // PA
CLIMATE ANALYSIS



http://climate.psu.edu/features/changing_climate/

TEMPERATURE

PHILADELPHIA // PA
CLIMATE ANALYSIS



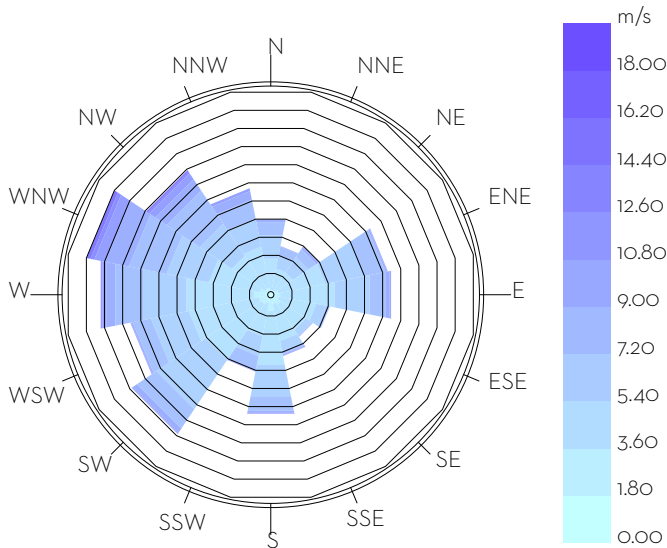
Dry Bulb Temperature // Latitude: 39.87
Hourly Data: Dry Bulb Temperature (C)
Philadelphia International Ap_PA_USA

WIND ROSE

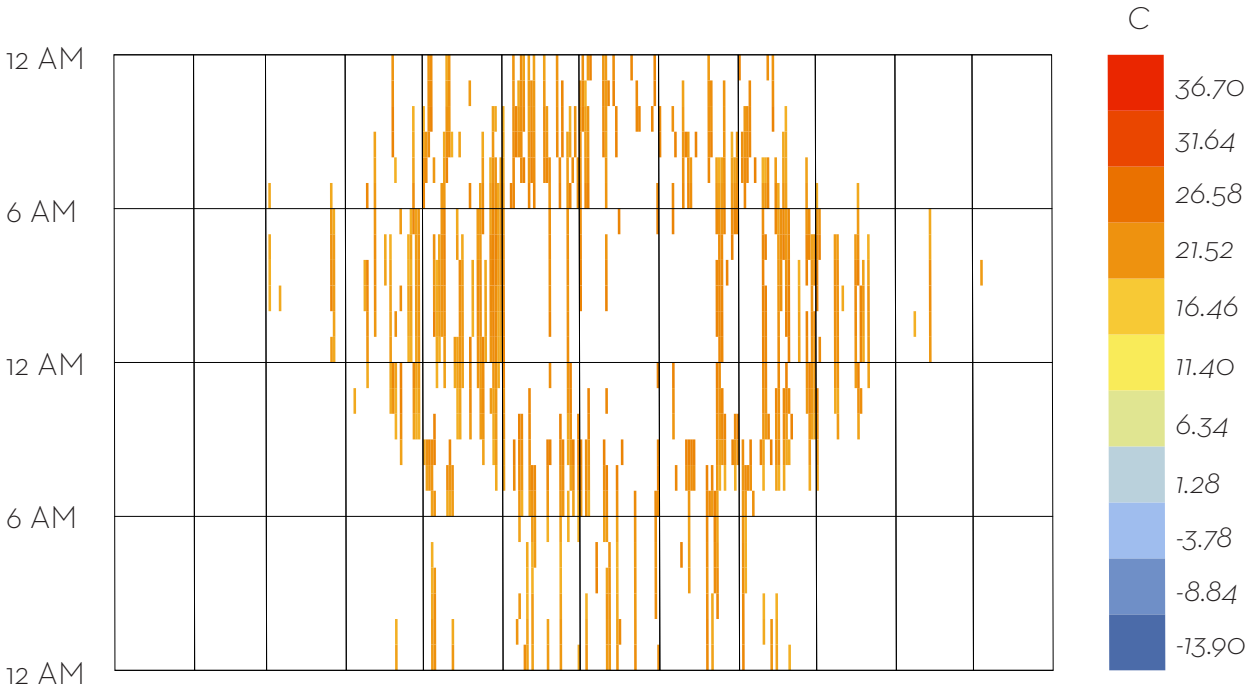
PHILADELPHIA // PA
CLIMATE ANALYSIS

IDEAL
LEVELS OF
COMFORT

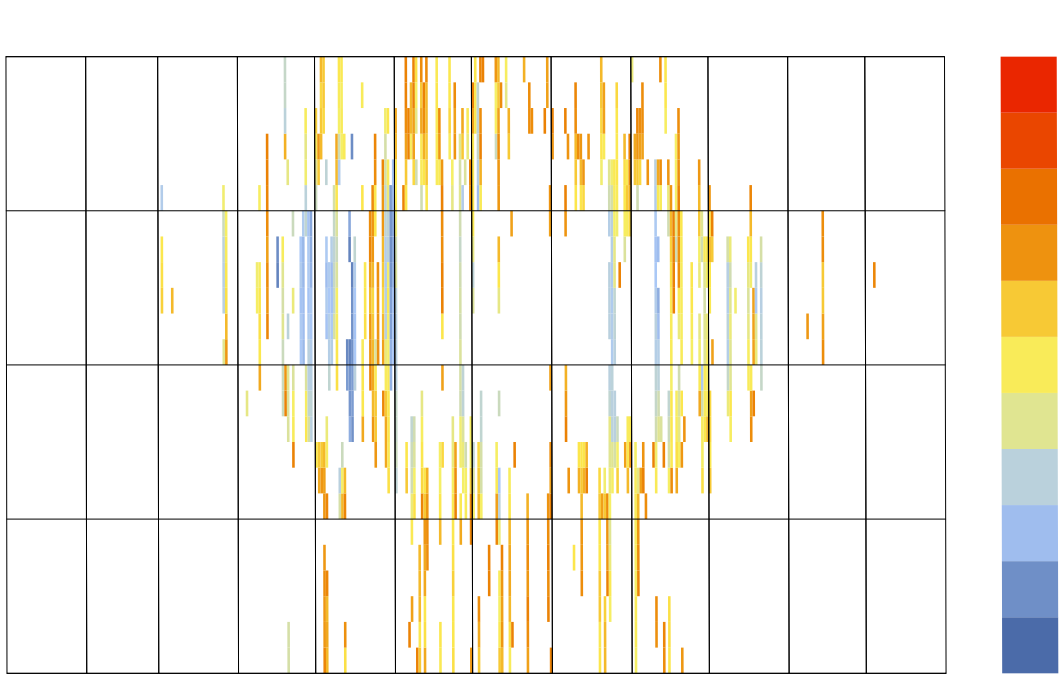
Temp: Less than 24C, Above 18C
Wind Speed: Less than 10m/s, Above 2m/s
Humidity: Less than 80C, Above 2C



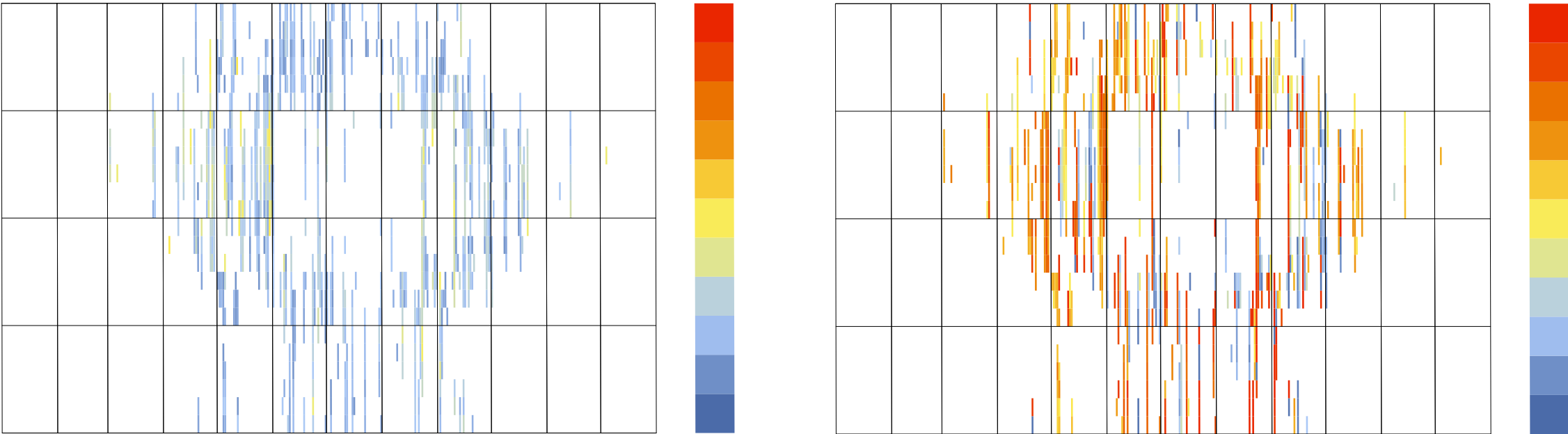
Wind Speed (m/s)
Philadelphia International Ap_PA_USA
Calm for 2.81% of time = 246 hours



Dry Bulb Temperature (C) - HourlyPhiladelphia International
Ap_PA_USA1 JAN 1:00 - 31 DEC 24:00



Relative Humidity (%) - HourlyPhiladelphia International Ap_
PA_USA1 JAN 1:00 - 31 DEC 24:00

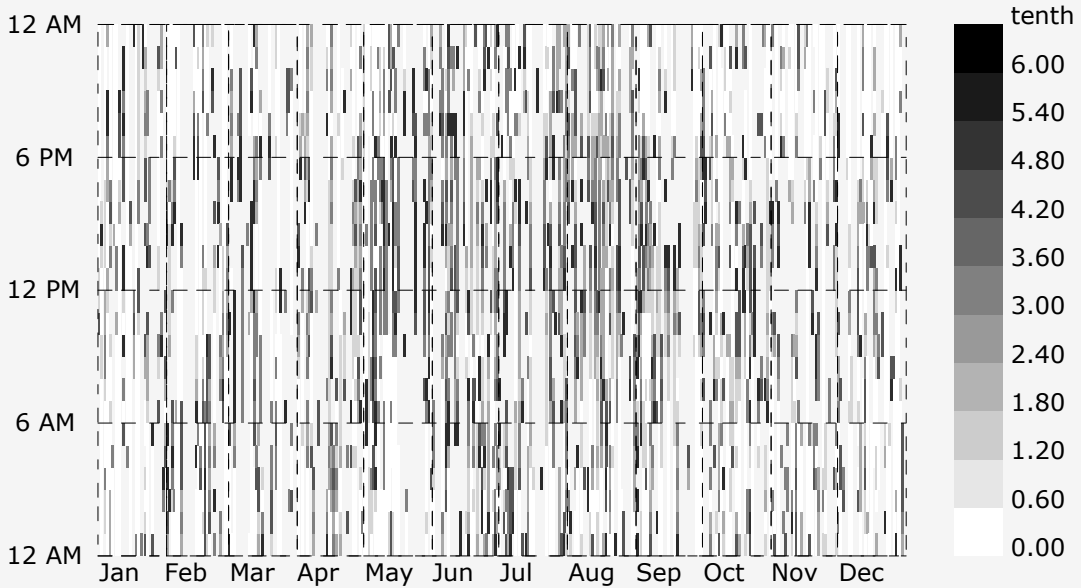
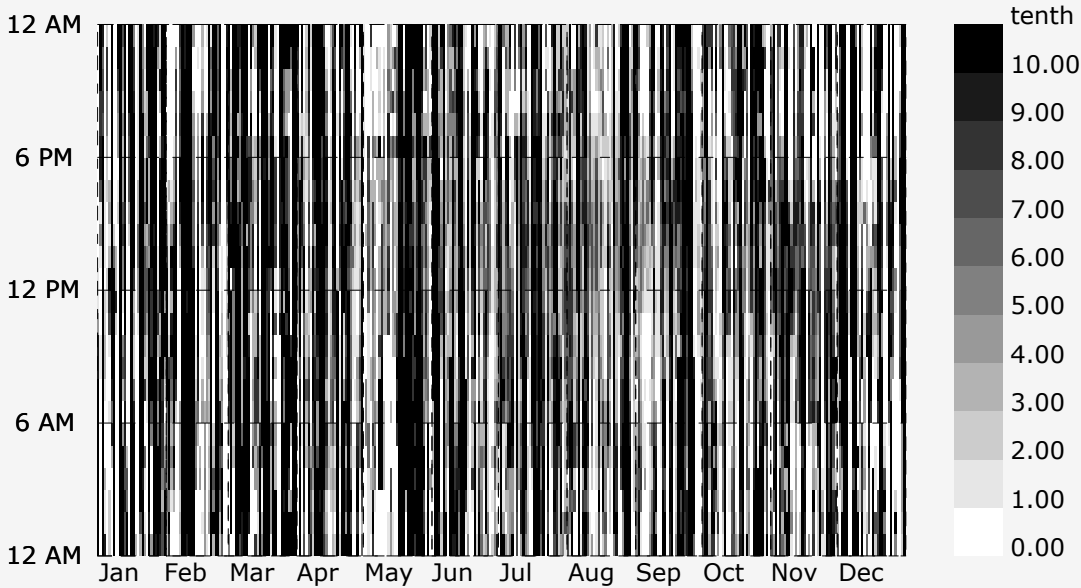


Wind Speed (m/s) - HourlyPhiladelphia International Ap_PA_
USA1 JAN 1:00 - 31 DEC 24:00

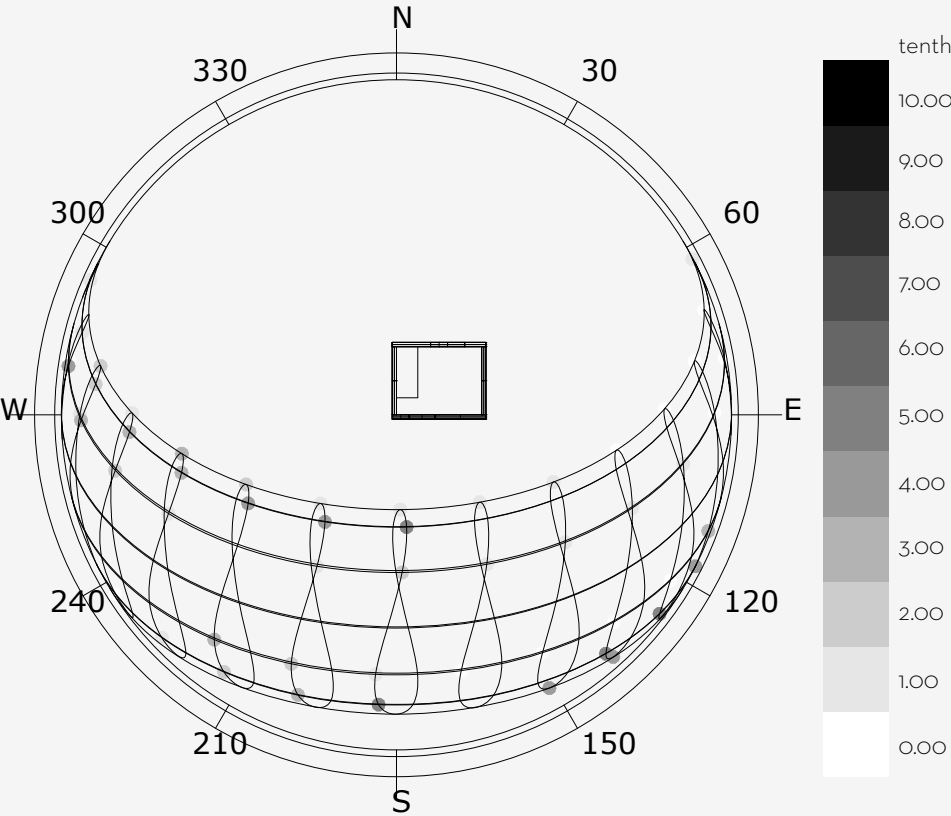
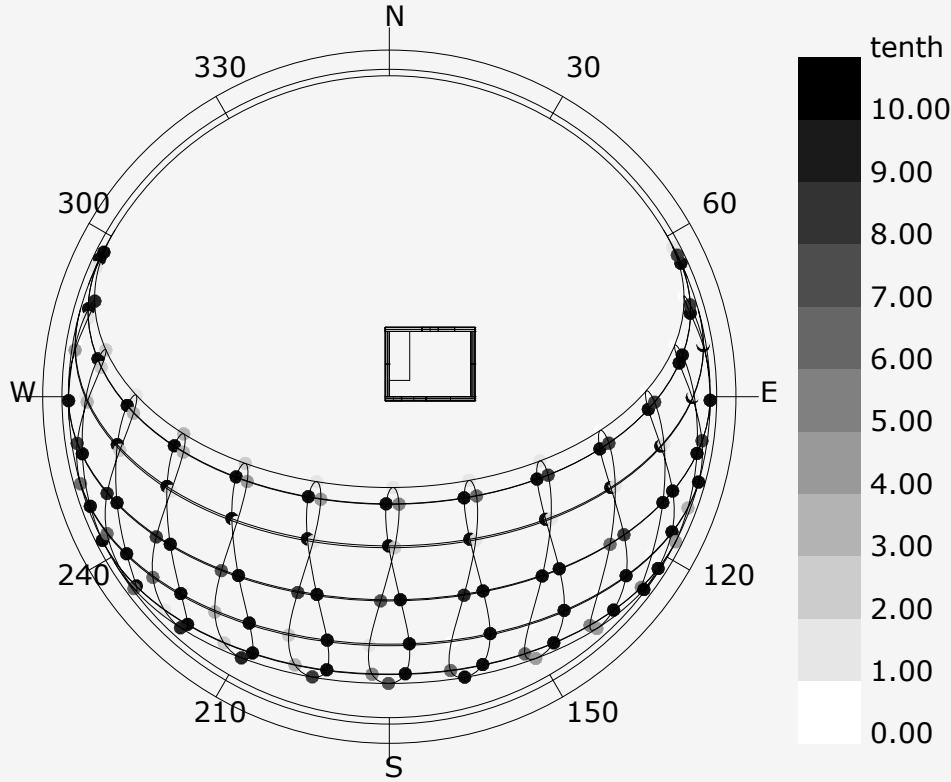
Wind Direction (degrees) - HourlyPhiladelphia International
Ap_PA_USA1 JAN 1:00 - 31 DEC 24:00

IDEAL
LEVELS OF
COMFORT

Sky Cover: Less than 50% (6 out of 10)



54 hours of total 146 sun up hours
36.99%



Latitude: 39.87
Hourly Data: Total Cloud Cover (tenth)
Philadelphia International Ap_PA_USA

Latitude: 39.87
Hourly Data: Total Cloud Cover (tenth)
Philadelphia International Ap_PA_USA