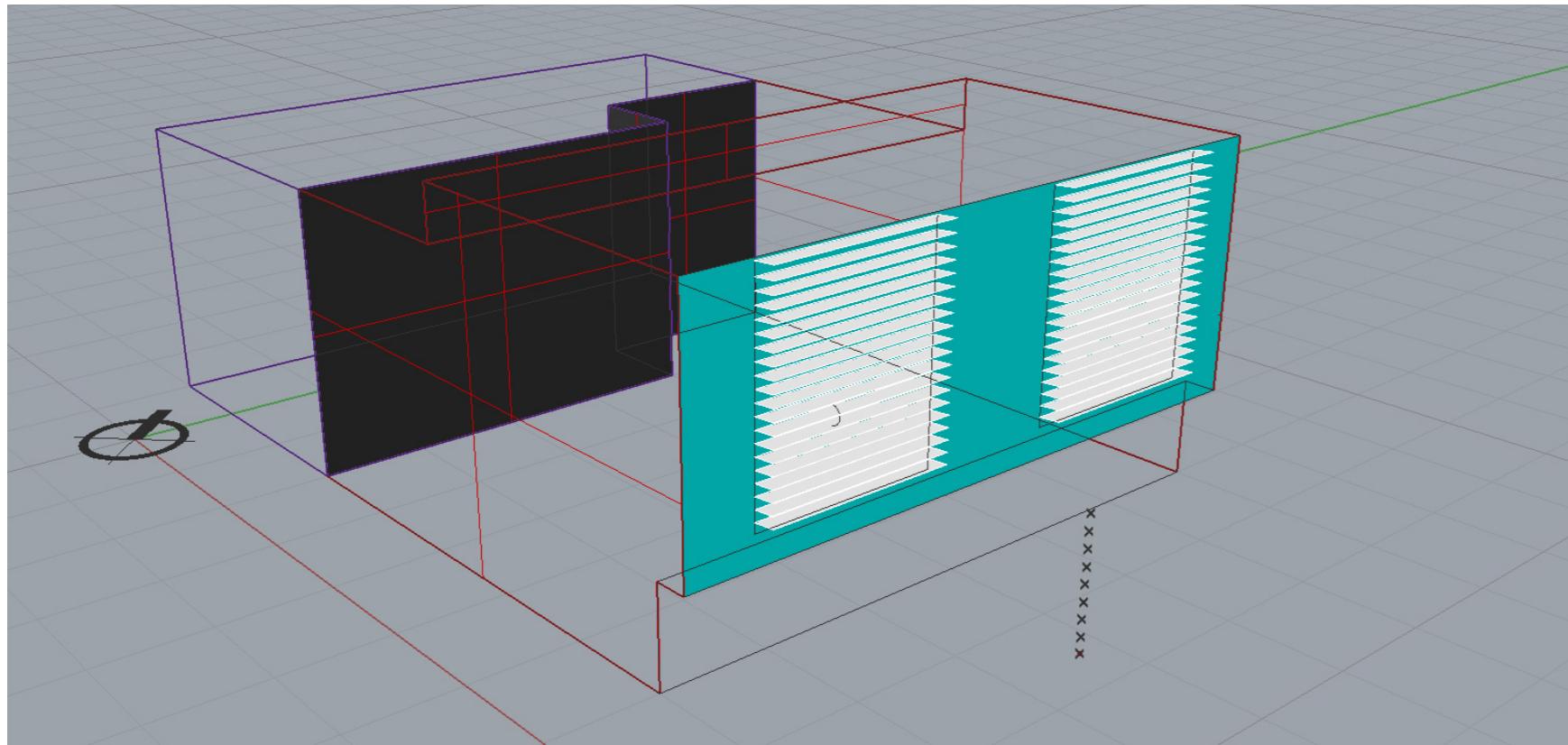


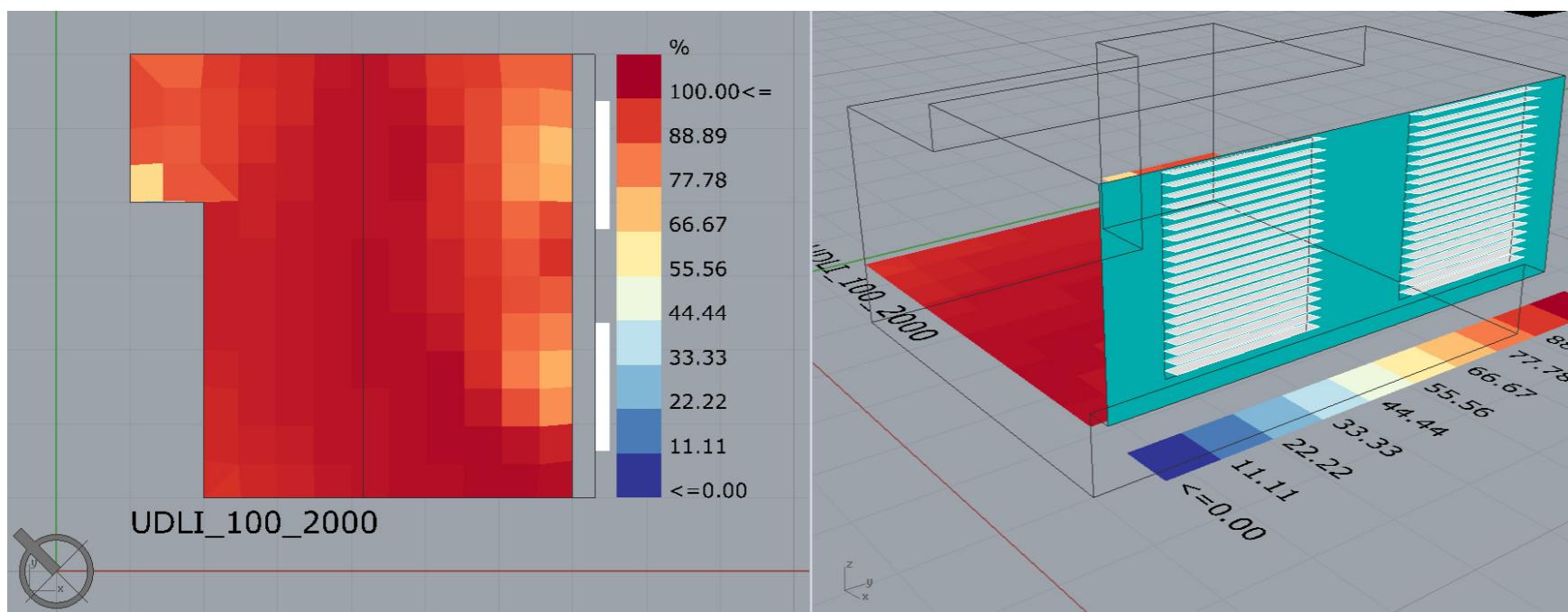
Basic Settings



0.5 Window/Wall Ratio

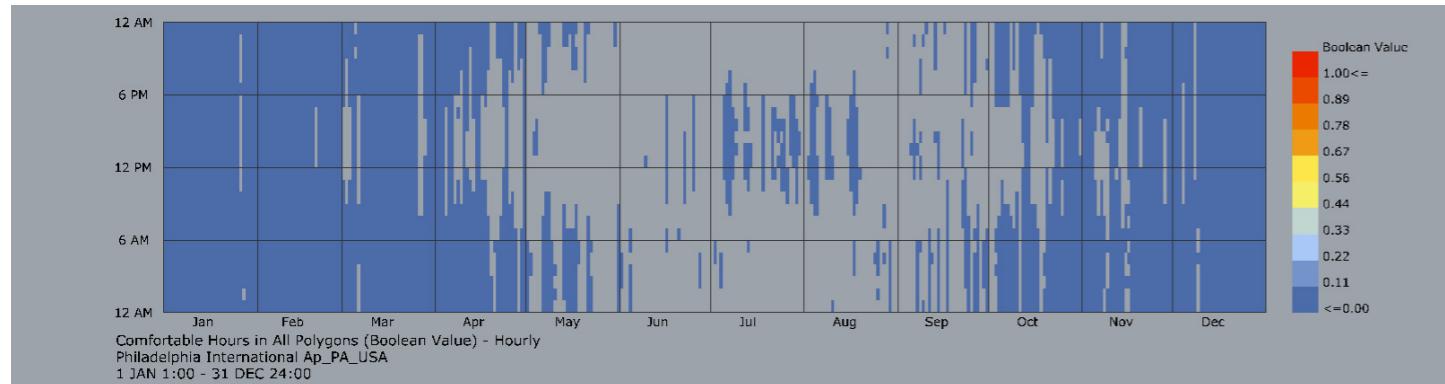


Adjacent with
Unconditioned
corridor

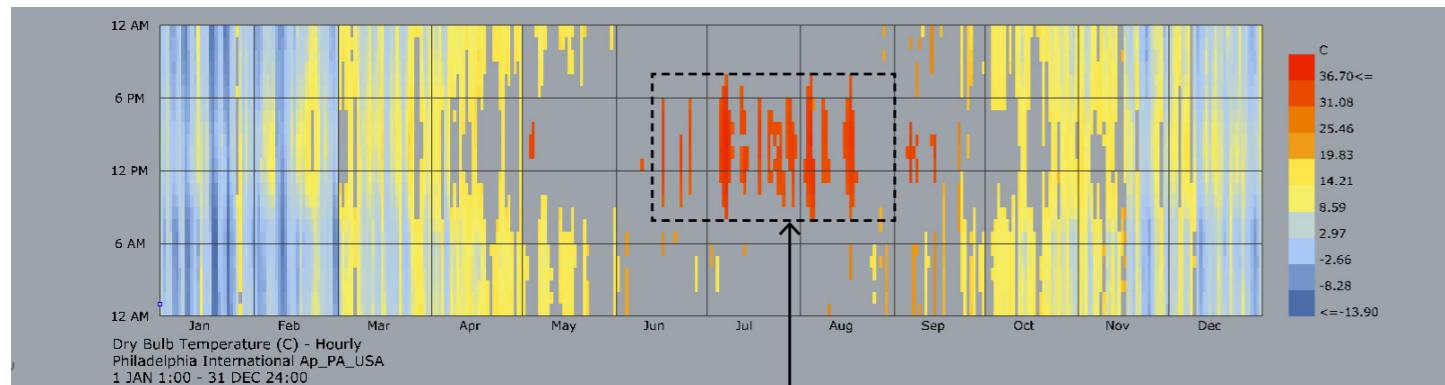


sDA=64.71, Well Daylighted Space

Base Condition-Outdoor Comfort

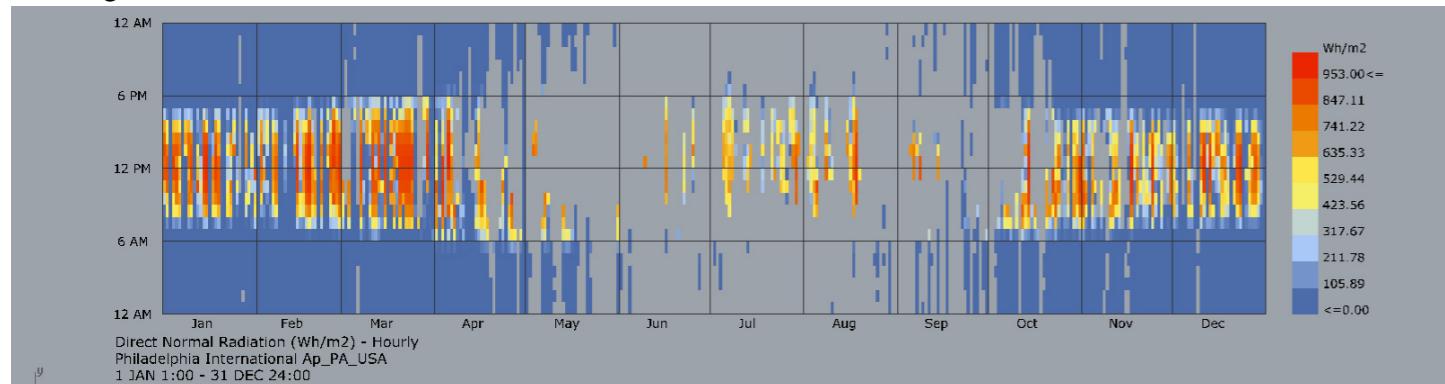


56% Uncomfortable hours

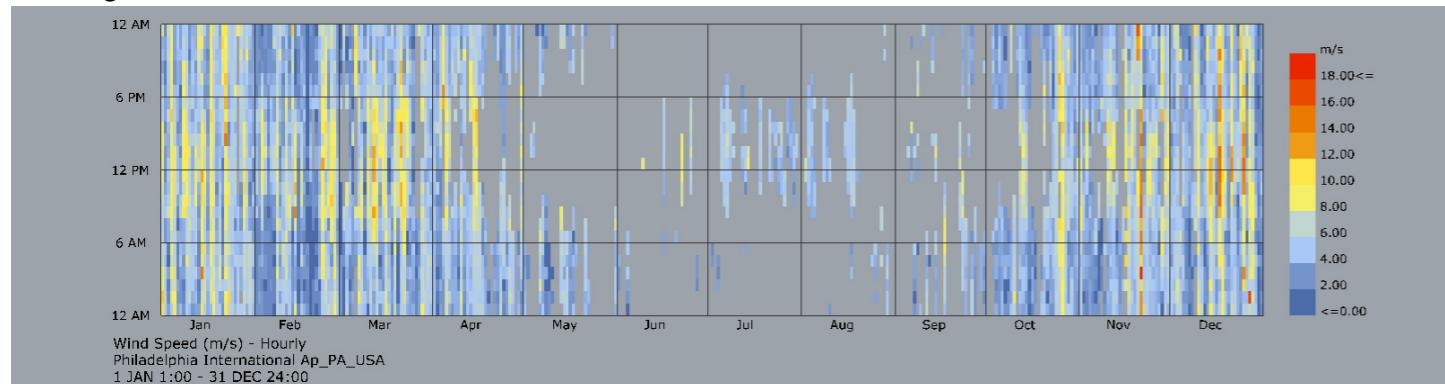


Outside Temperature Condition,
During uncomfortable hours

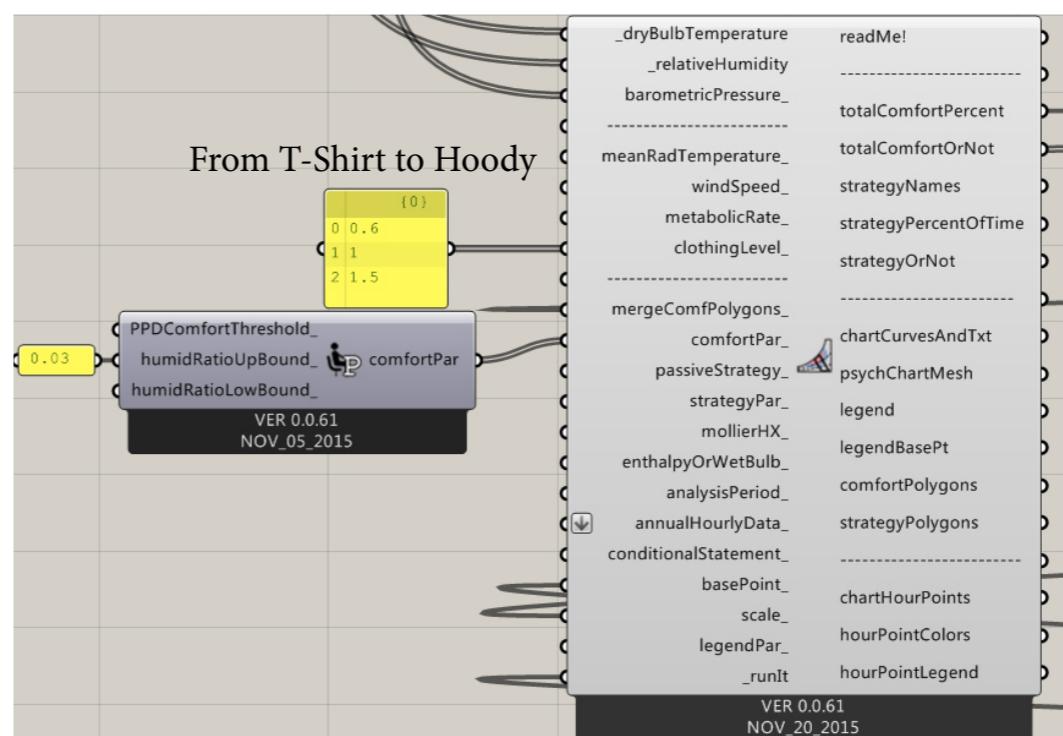
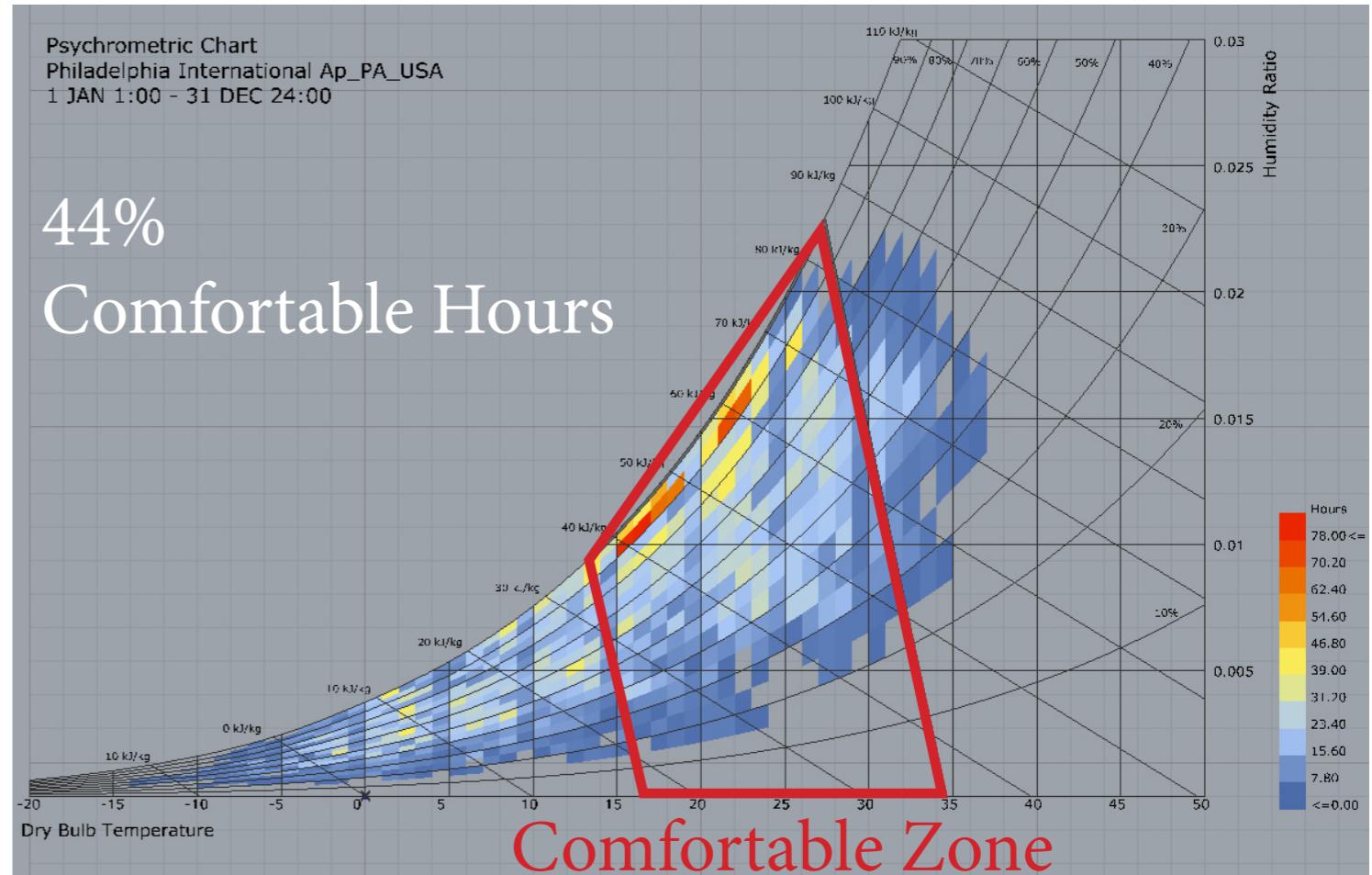
Uncomfortable Temperature,
MaxOutdoorTempforNatVent=30



Direct Radiation Condition,
During uncomfortable hours

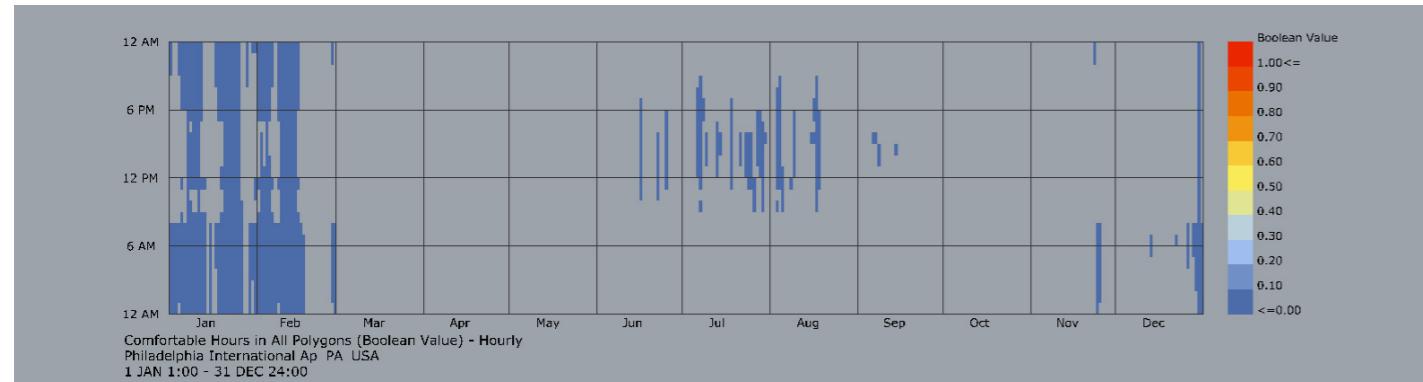


Wind Speed Condition,
During uncomfortable hours

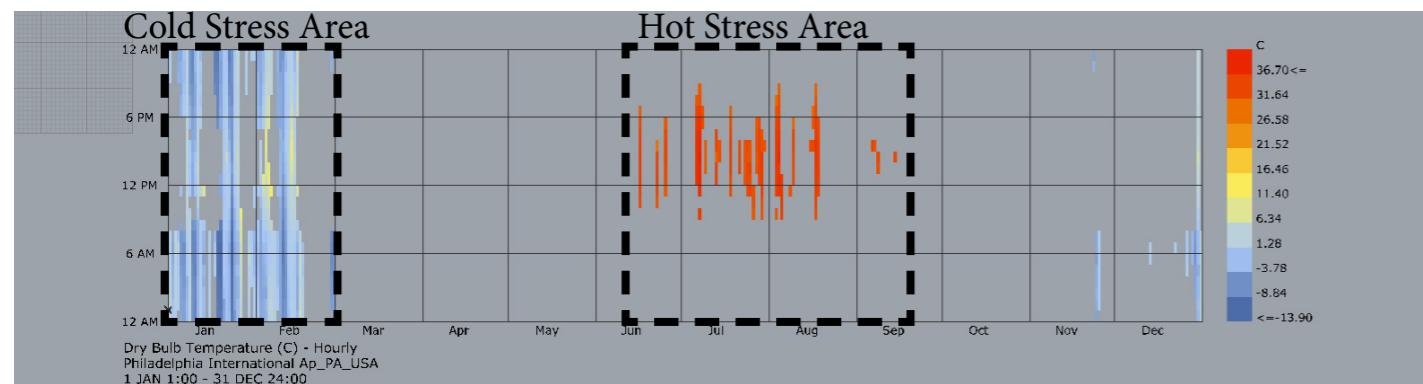


Parameters for Psychrometric Chart

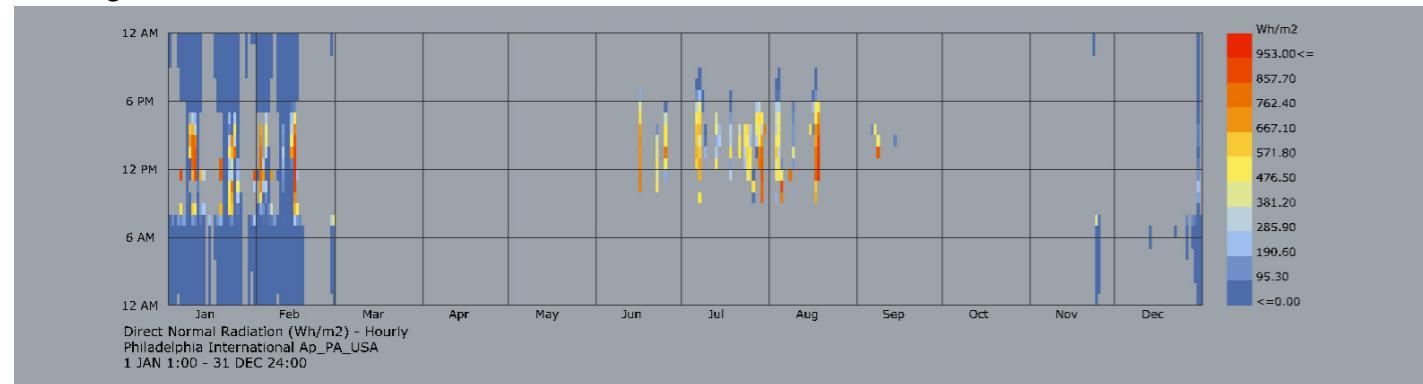
Improved Indoor Comfort



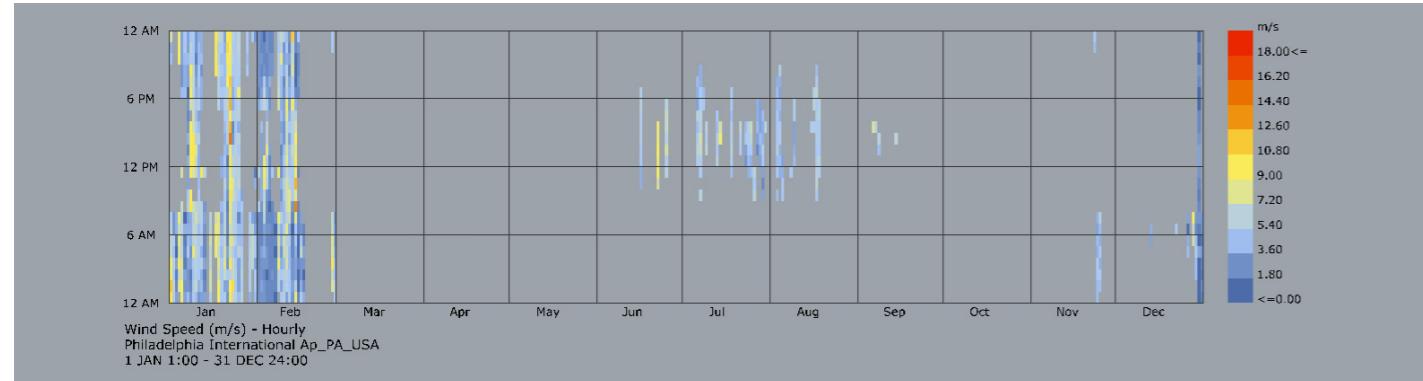
11% Uncomfortable hours



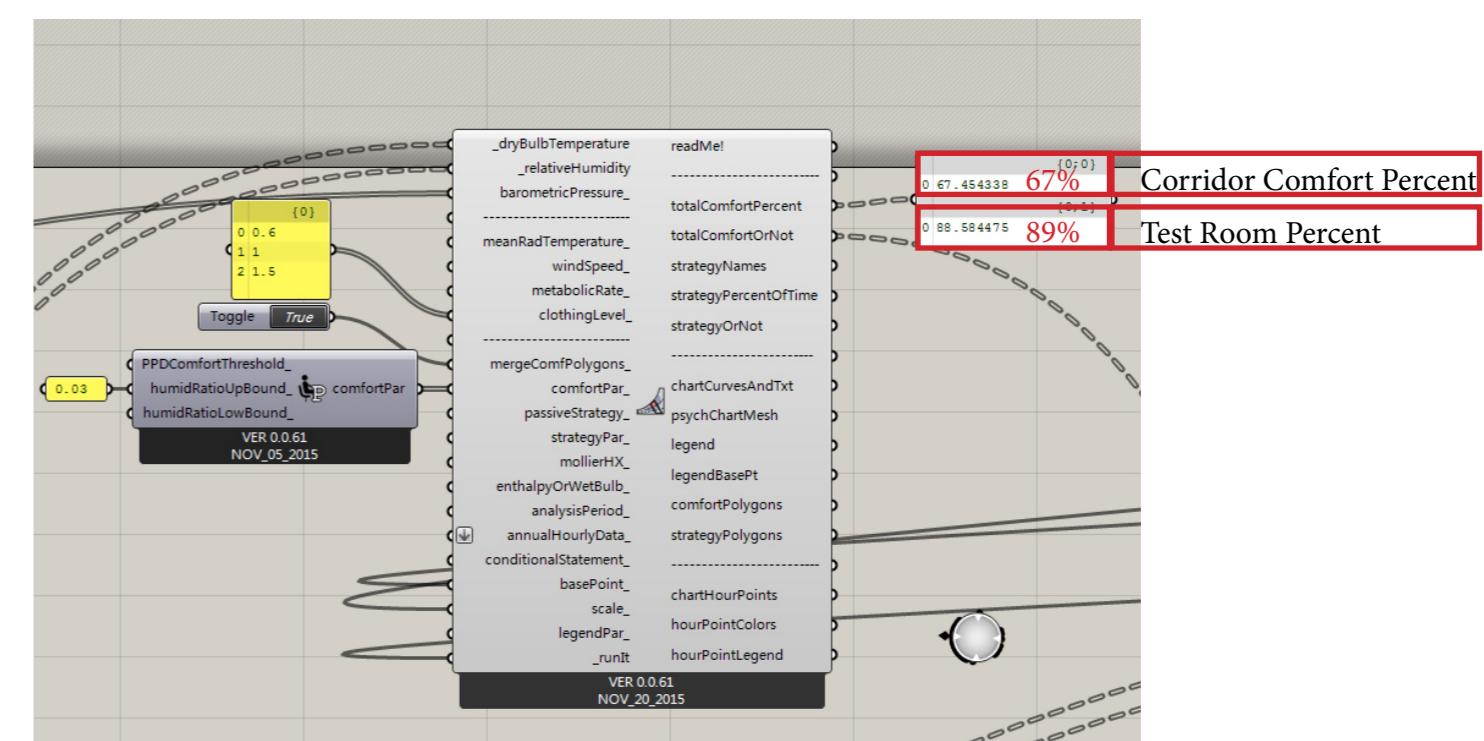
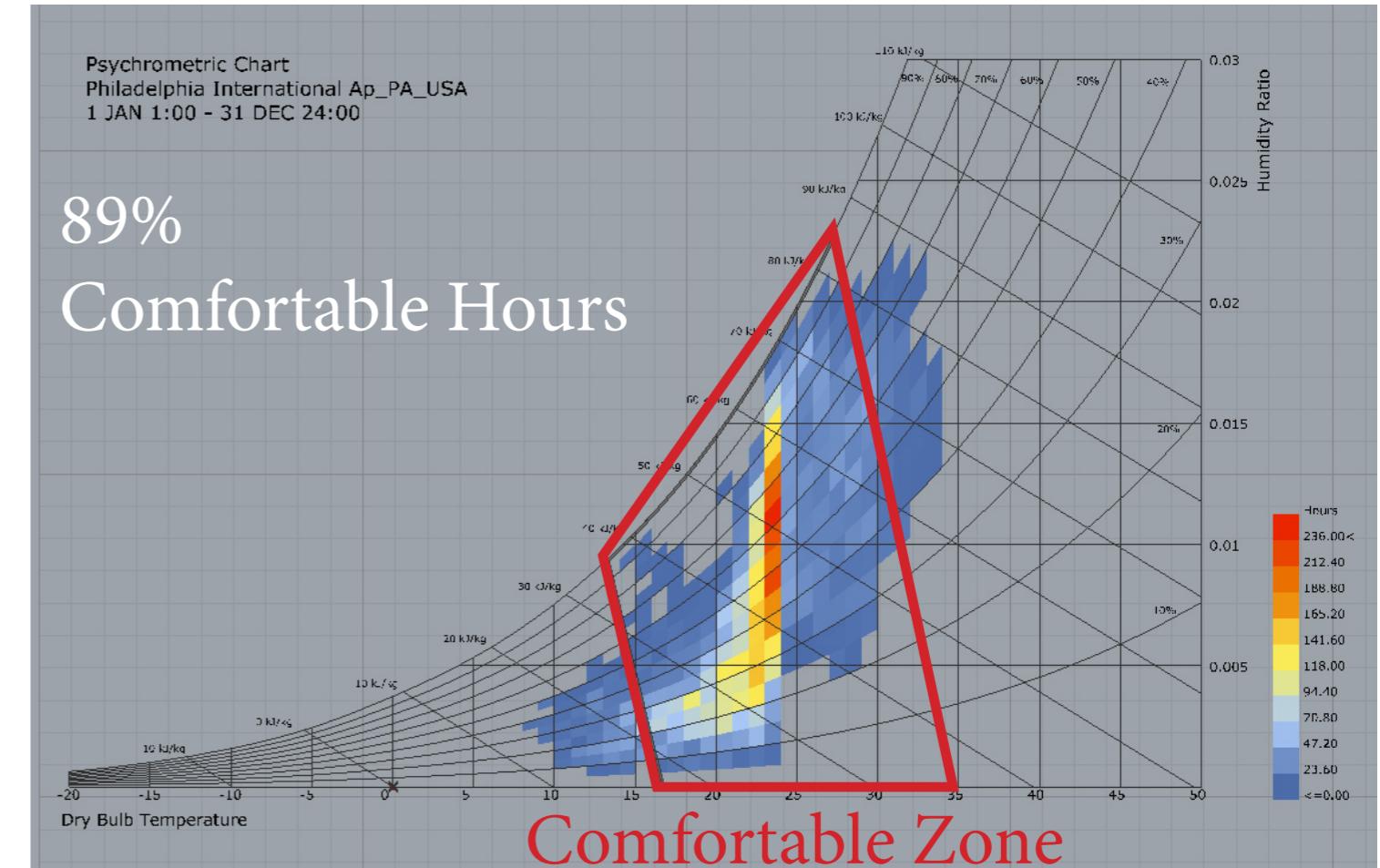
Outside Temperature Condition,
During uncomfortable hours



Direct Radiation Condition,
During uncomfortable hours



Wind Speed Condition,
During uncomfortable hours



Steps Taken to Improved Indoor Comfort

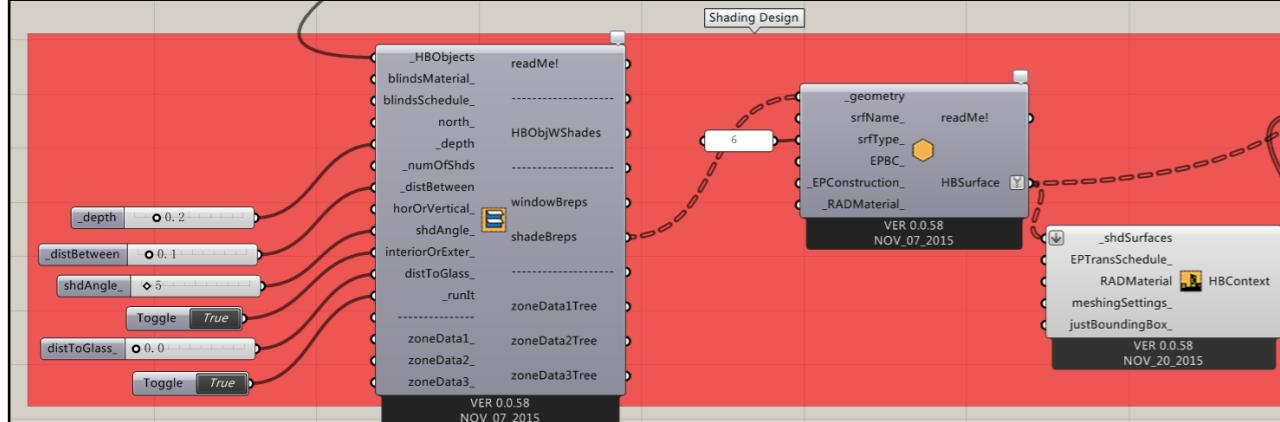
Window/ Wall
Ratio

0.5
To Reach Well
Daylighted
Space with
Minimum
Opening Area

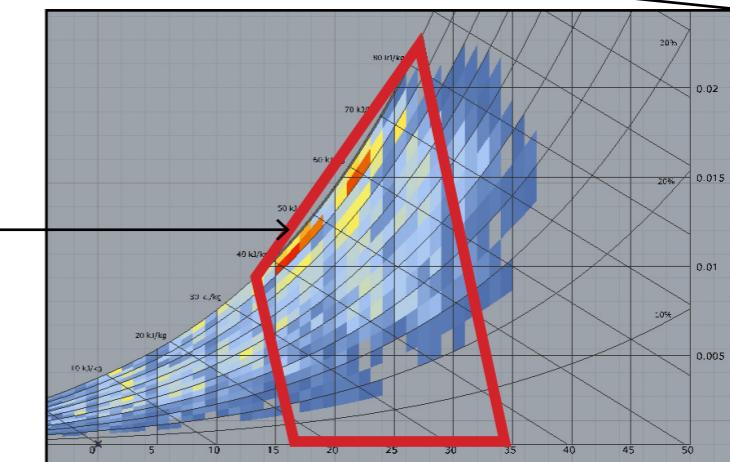
Shading

Window
Material

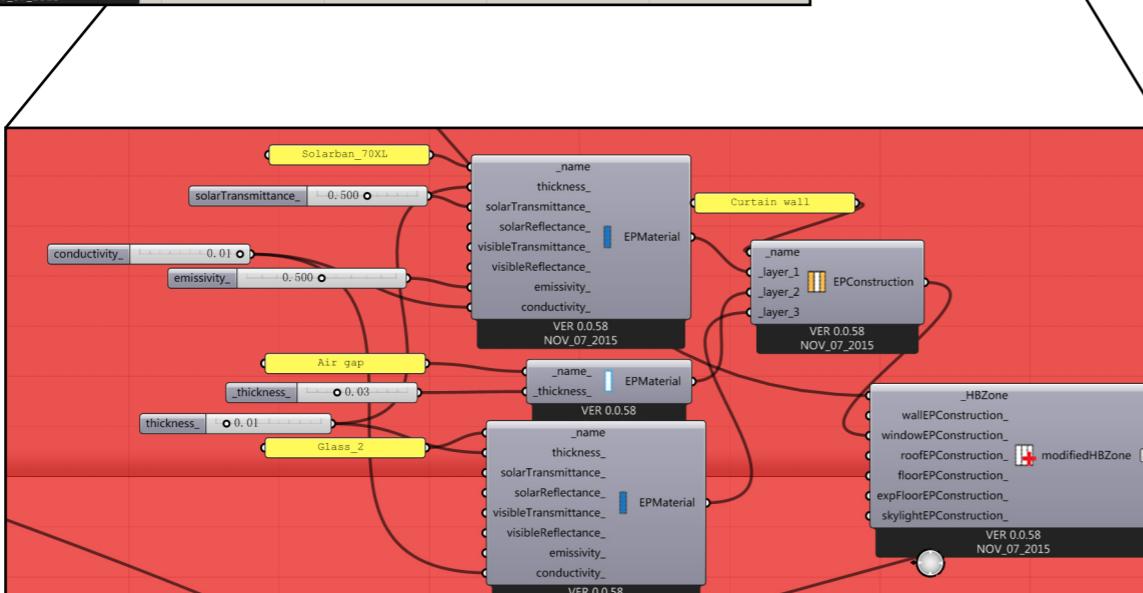
Dress
Accordingly



From T-Shirt to Hoody



To Block as much as solar radiation
in Cooling Season, and
Avoid block Solar Radiation
in Heating Season



Increase Solar Transmittance and Window R Value, to gain as Much as possible Solar Heat in Winter and lose as Less as possible heat in window

Little

Increasing
Level
of Impact
to
Comfort
Percentage

Big