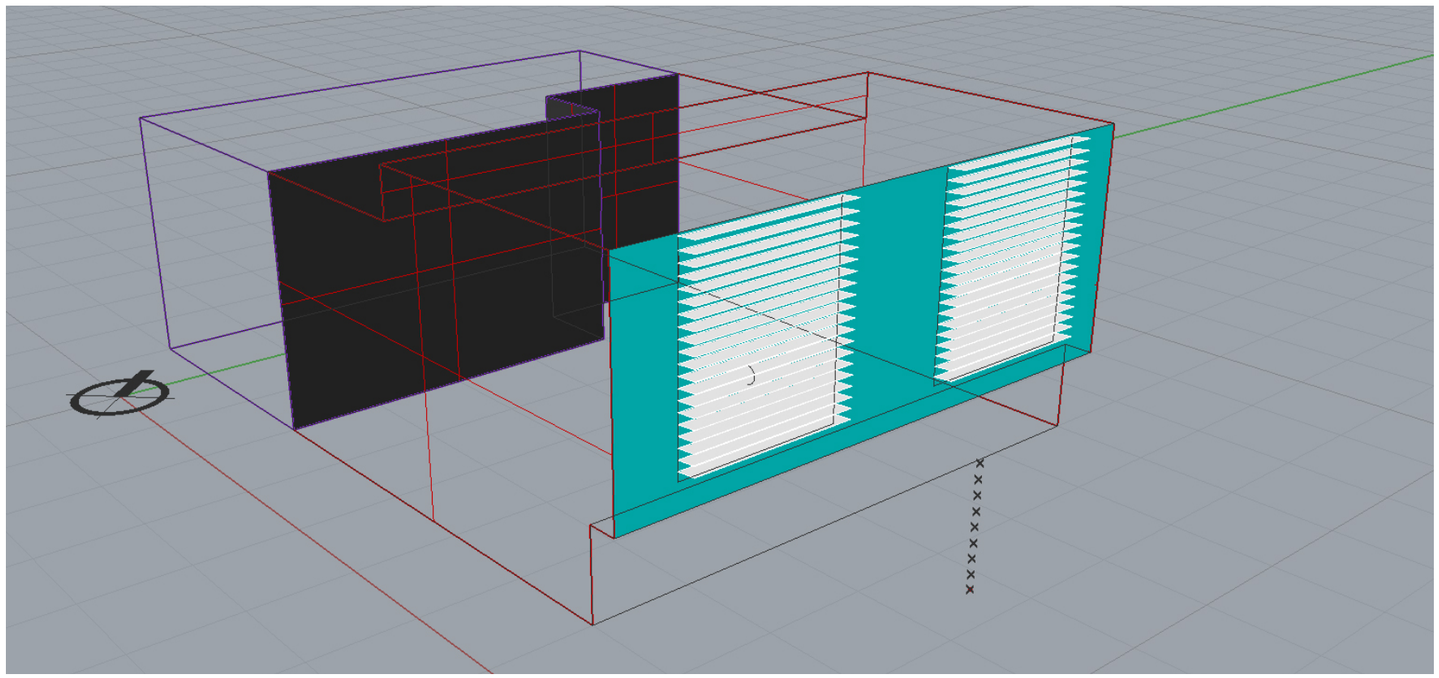
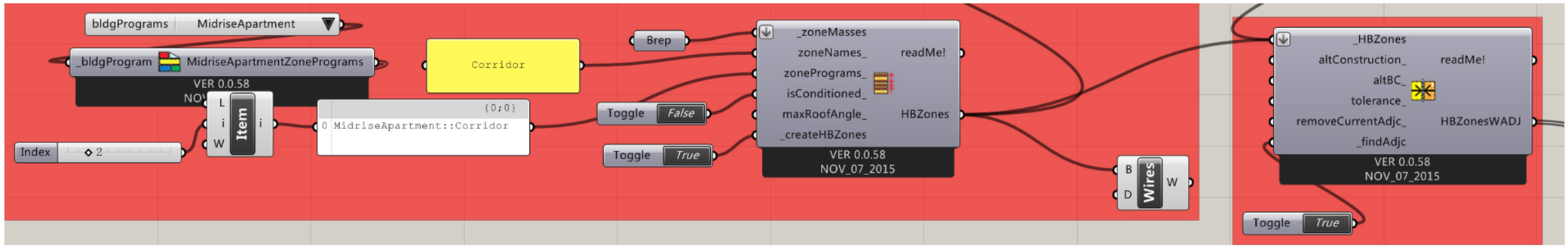
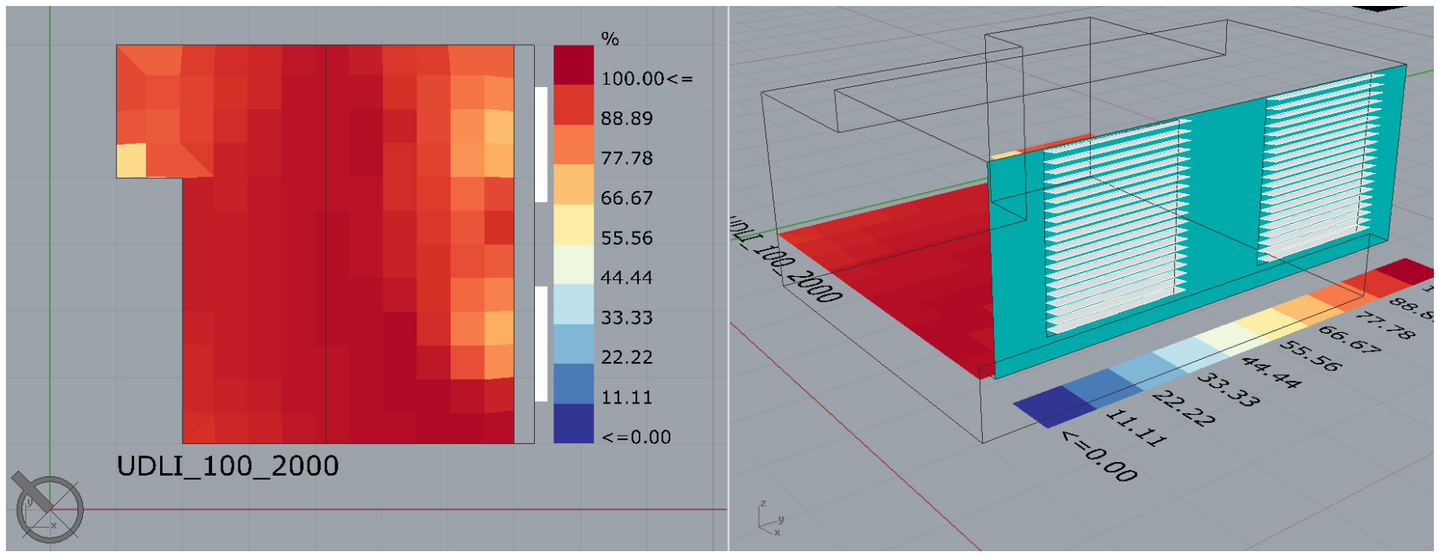
Basic Settings



0.5 Window/Wall Ratio

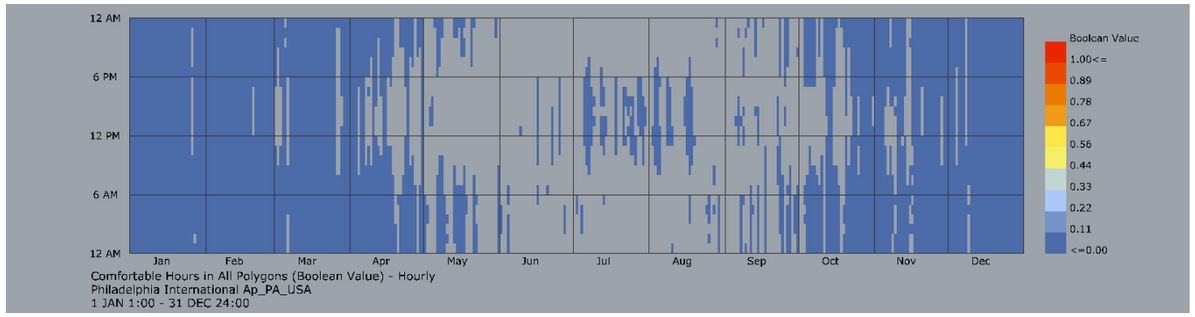


Adjacent with Unconditioned corridor

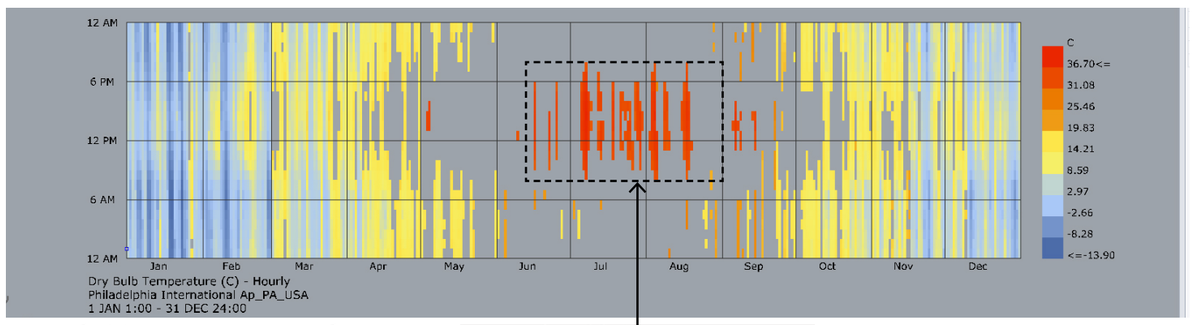


sDA=64.71, Well Daylighted Space

Base Condition-Outdoor Comfort

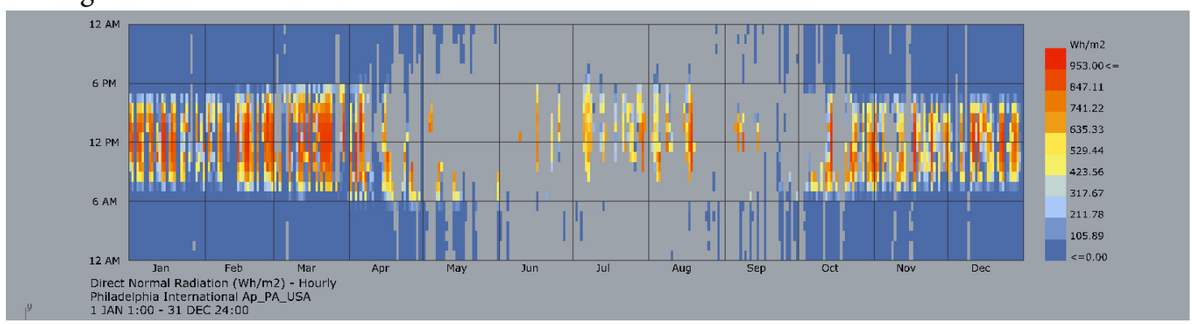


56% Uncomfortable hours

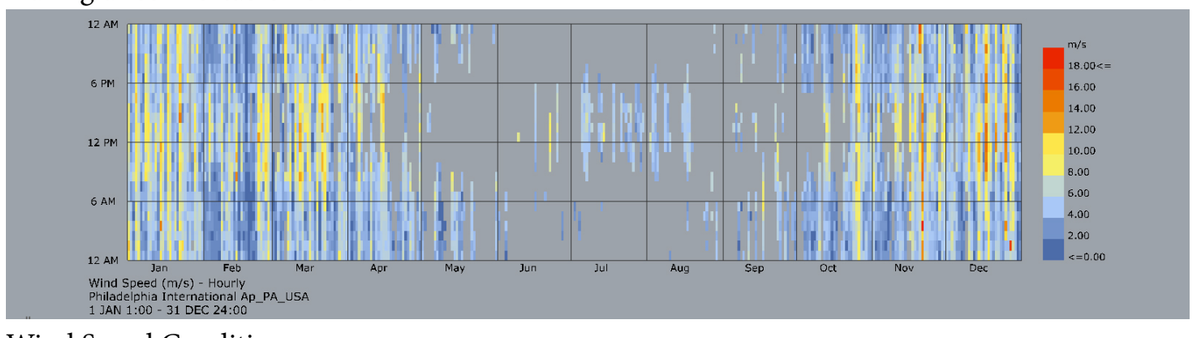


Outside Temperature Condition,
During uncomfortable hours

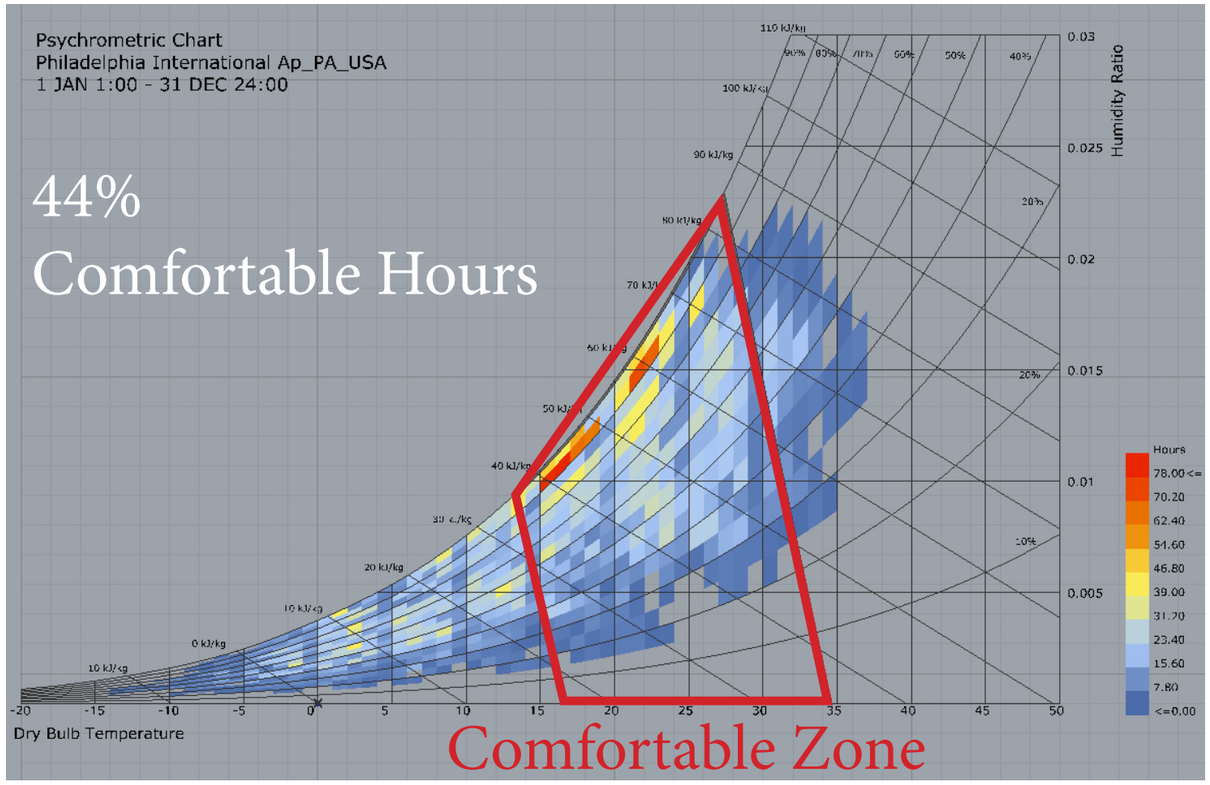
Uncomfortable Temperature,
MaxOutdoorTempforNatVent=30

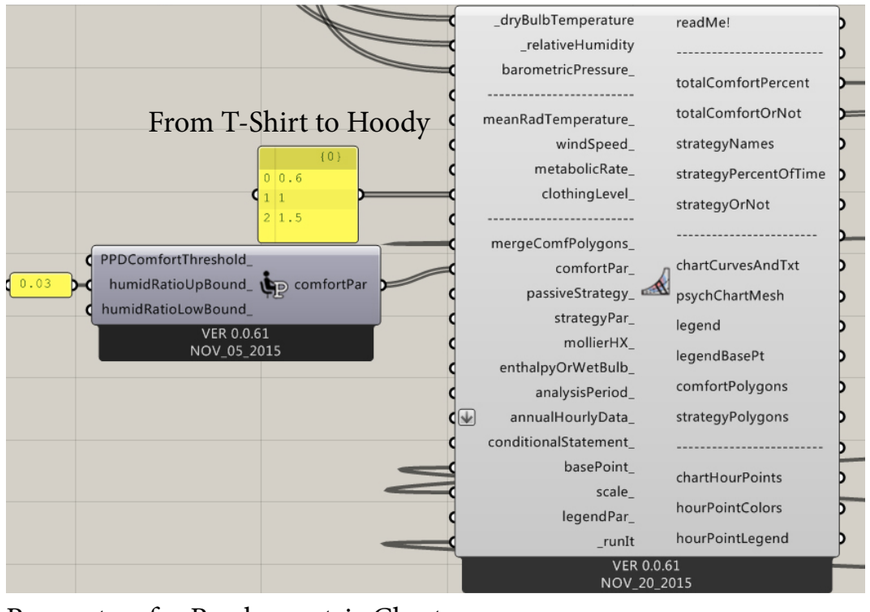


Direct Radiation Condition,
During uncomfortable hours



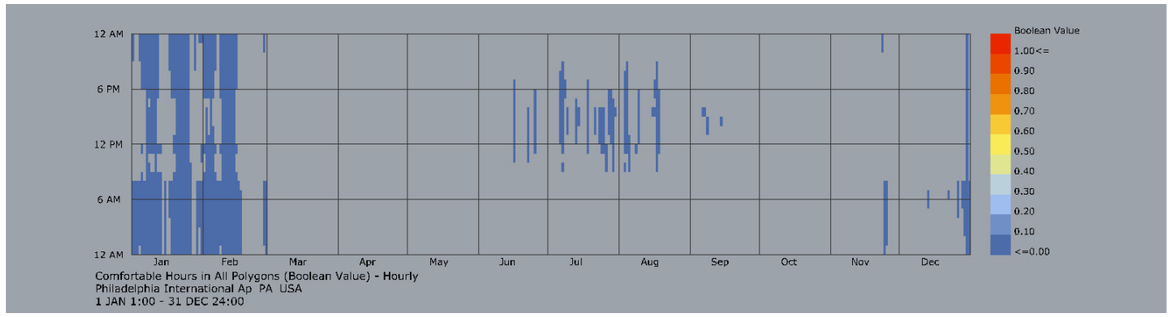
Wind Speed Condition,
During uncomfortable hours



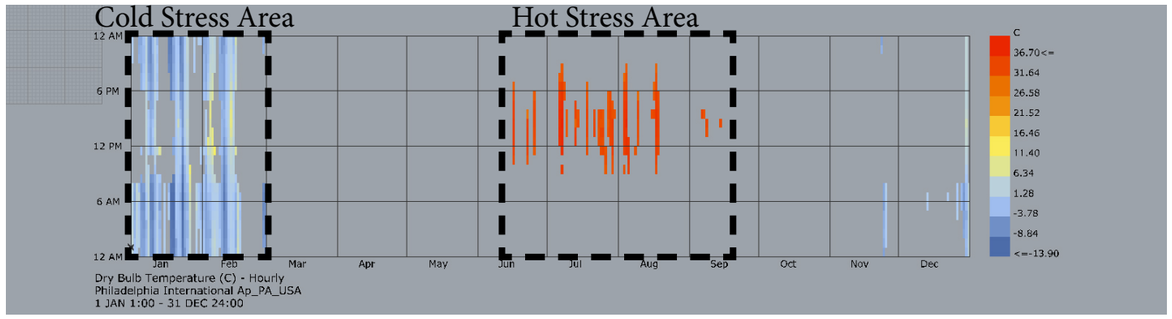


Parameters for Psychrometric Chart

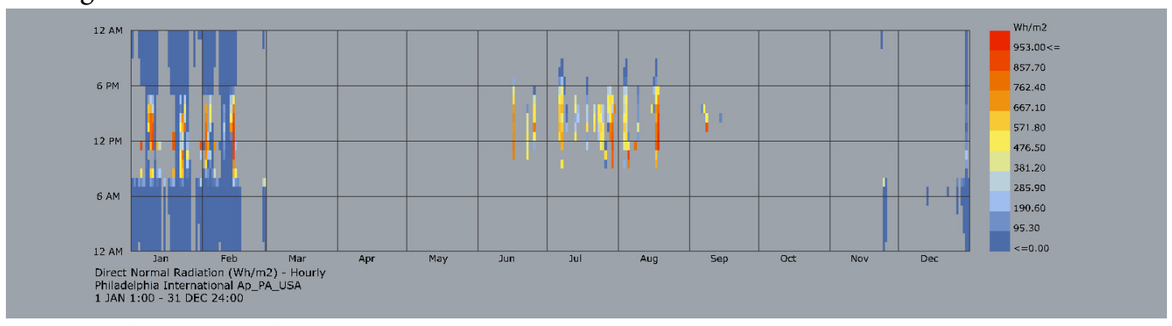
Improved Indoor Comfort



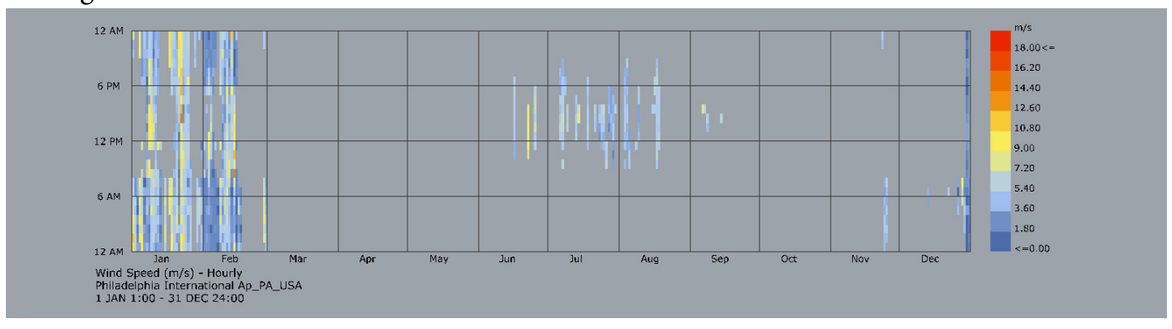
11% Uncomfortable hours



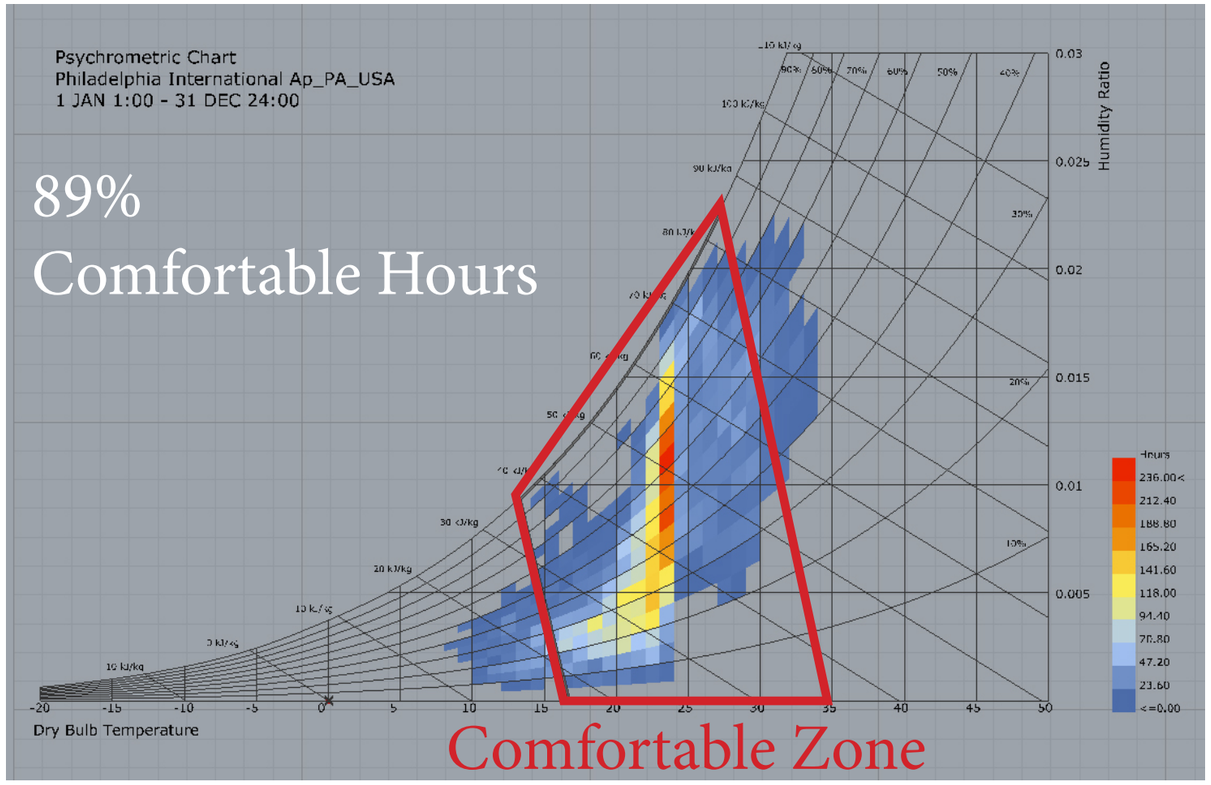
Outside Temperature Condition,
During uncomfortable hours

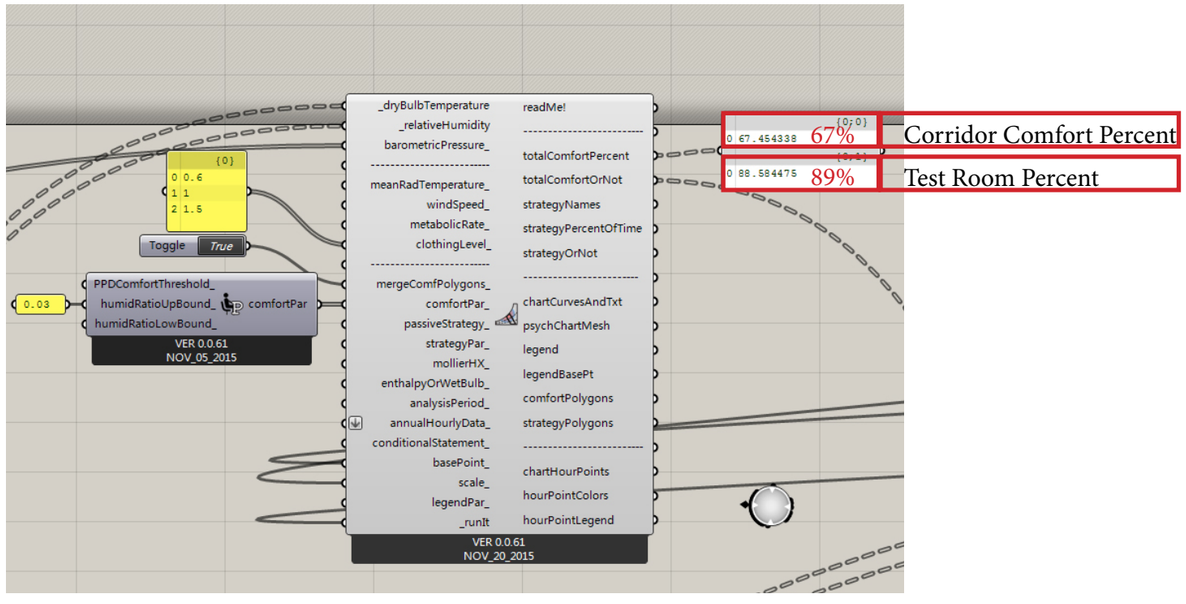


Direct Radiation Condition,
During uncomfortable hours



Wind Speed Condition,
During uncomfortable hours





Parameters for Psychrometric Chart

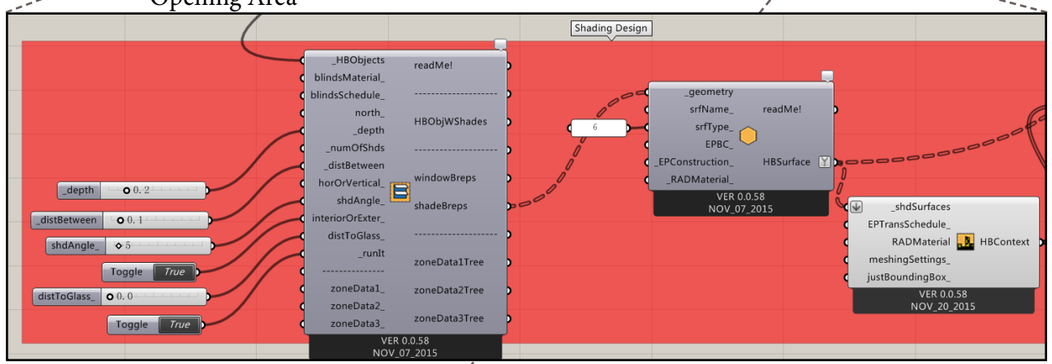
Steps Taken to Improved Indoor Comfort

Window/ Wall Ratio

0.5

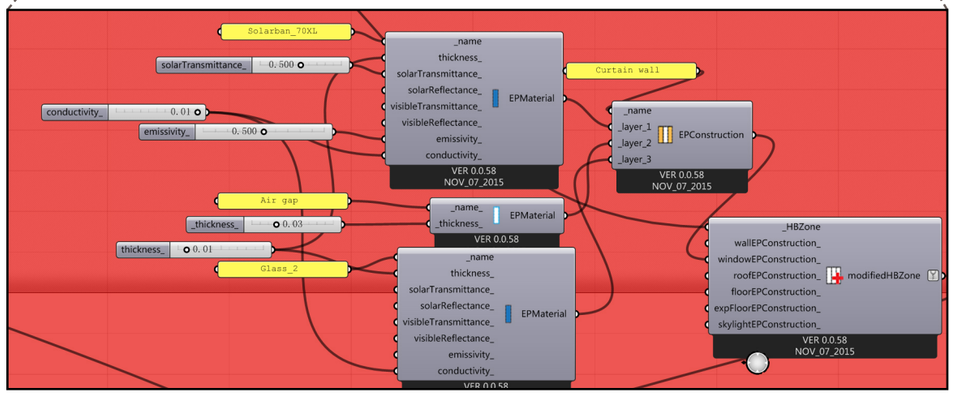
To Reach Well Daylighted Space with Minimum Opening Area

Shading



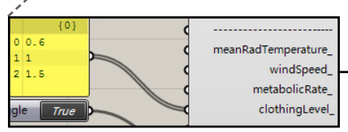
To Block as much as solar radiation in Cooling Season, and Avoid block Solar Radiation in Heating Season

Window Material

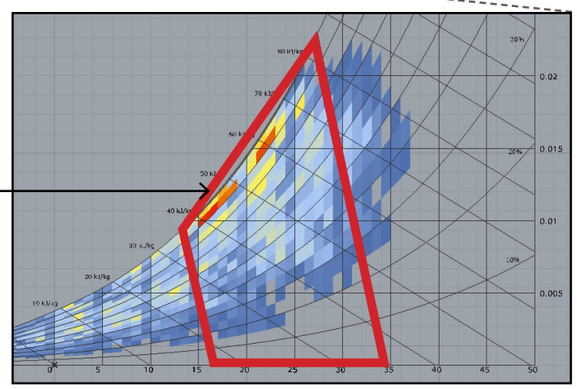


Increase Solar Transmittance and Window R Value, to gain as Much as possible Solar Heat in Winter and,
Reduce Heat Transfer Through Window In both Cooling and Heating Season

Dress Accordingly



Reasonable Indoor Dressing
From T-Shirt to Hoody



Proper Clothing Create Wide Range of Comfort Zone

Little

Increasing Level of Impact to Comfort Percentage

Big