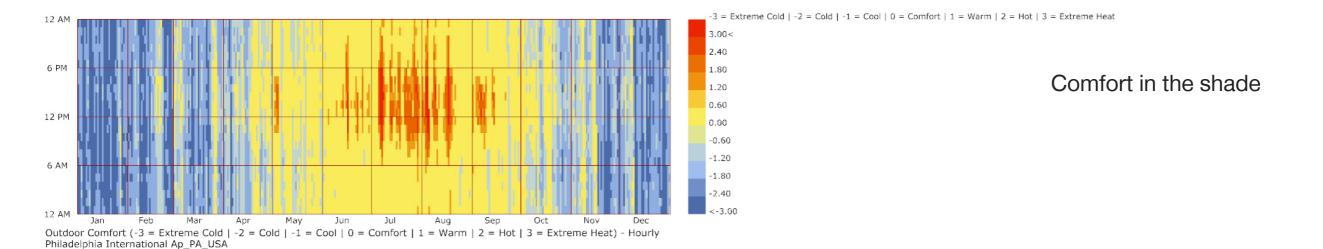
## **Outdoor Comfort Shade Benefit**

-Assignment 03 -10/06/2017

-Yunlong Zhang

1 JAN 1:00 - 31 DEC 24:00

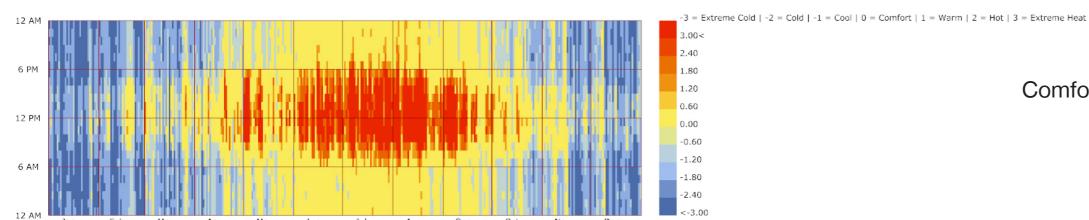
1 JAN 1:00 - 31 DEC 24:00



3.00 < 2.40 1.80

1.20 0.60

0.00 -0.60 -1.20 -1.80 -2.40



Outdoor Comfort (-3 = Extreme Cold | -2 = Cold | -1 = Cool | 0 = Comfort | 1 = Warm | 2 = Hot | 3 = Extreme Heat) - Hourly Philadelphia International Ap\_PA\_USA

12 AM

12 PM

12 AM

Jan

Feb

Mar

Apr

May

Jun

Jul

Aug

Sep

Oct

Nov

Dec

Outdoor Comfort (-3 = Extreme Cold | -2 = Cold | -1 = Cool | 0 = Comfort | 1 = Warm | 2 = Hot | 3 = Extreme Heat) - Hourly Philadelphia International Ap\_PA\_USA

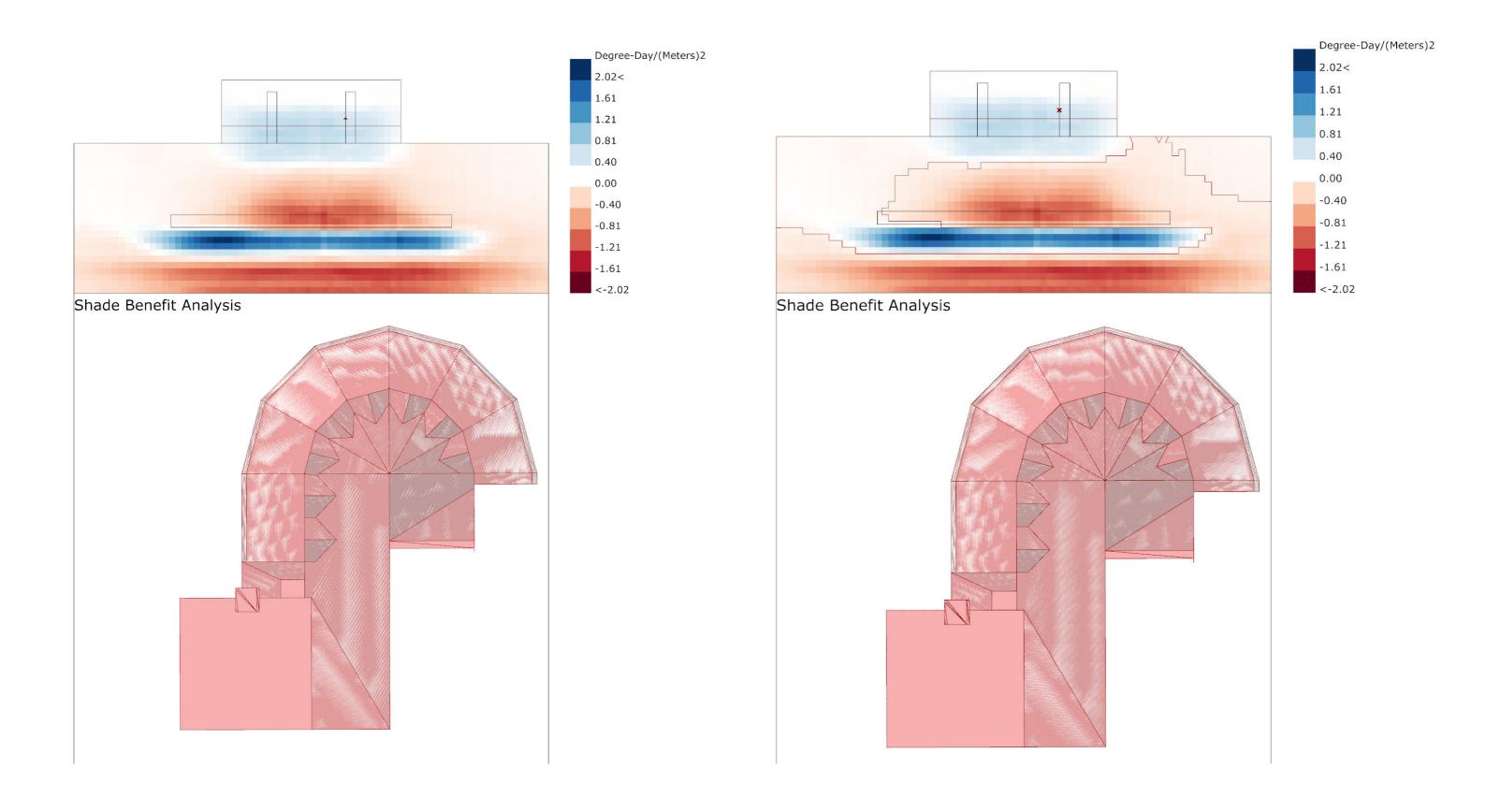
1 JAN 1:00 - 31 DEC 24:00

-3 = Extreme Cold | -2 = Cold | -1 = Cool | 0 = Comfort | 1 = Warm | 2 = Hot | 3 = Extreme Heat

Outdoor comfort at Mayerson Hall

Comfort in the sun

## Desirable area



## **Shading Design**

