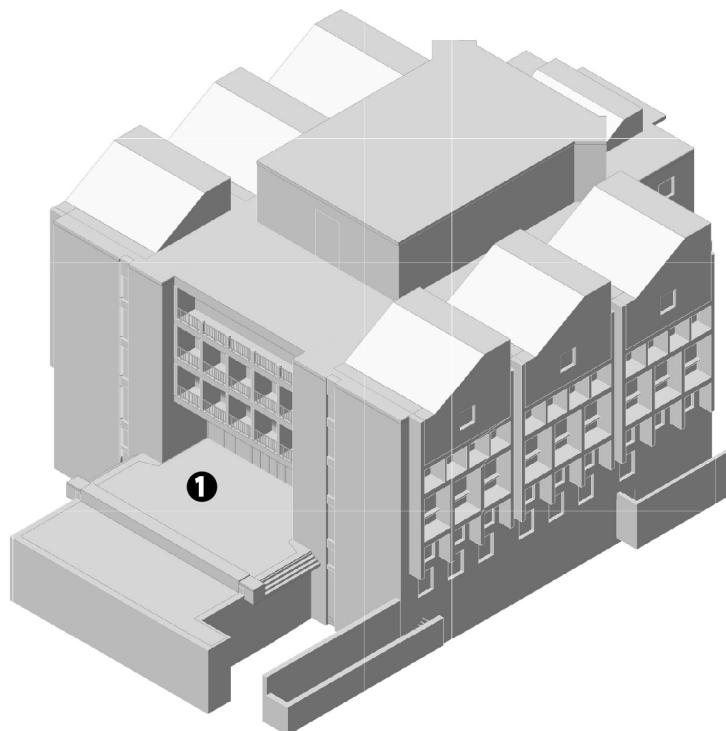


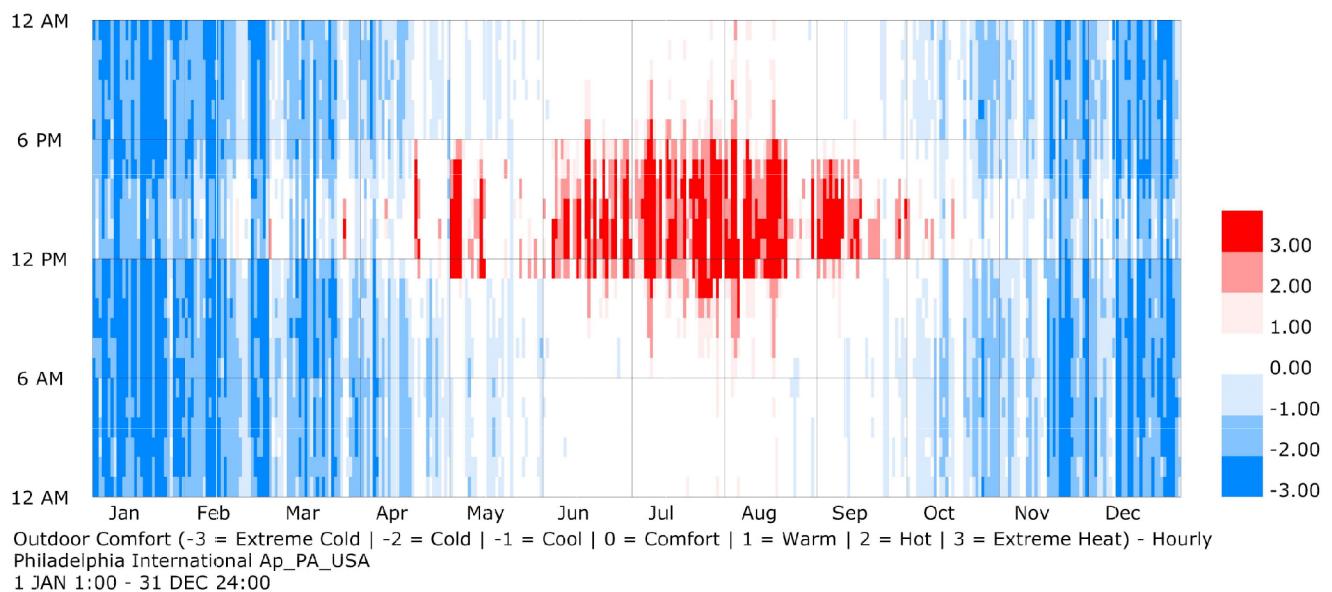
Assignment 5: Annual Comfort Map

Xuanhao Han

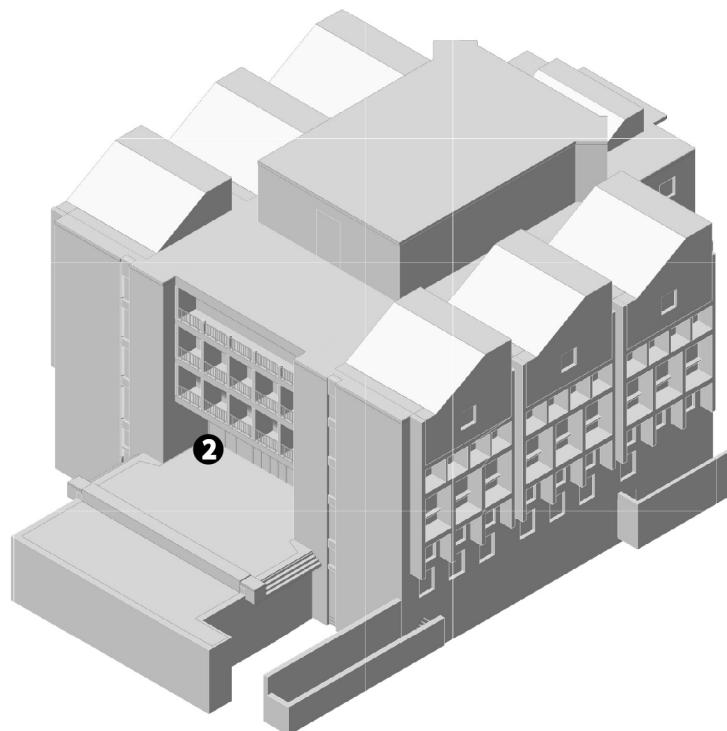
Location 1



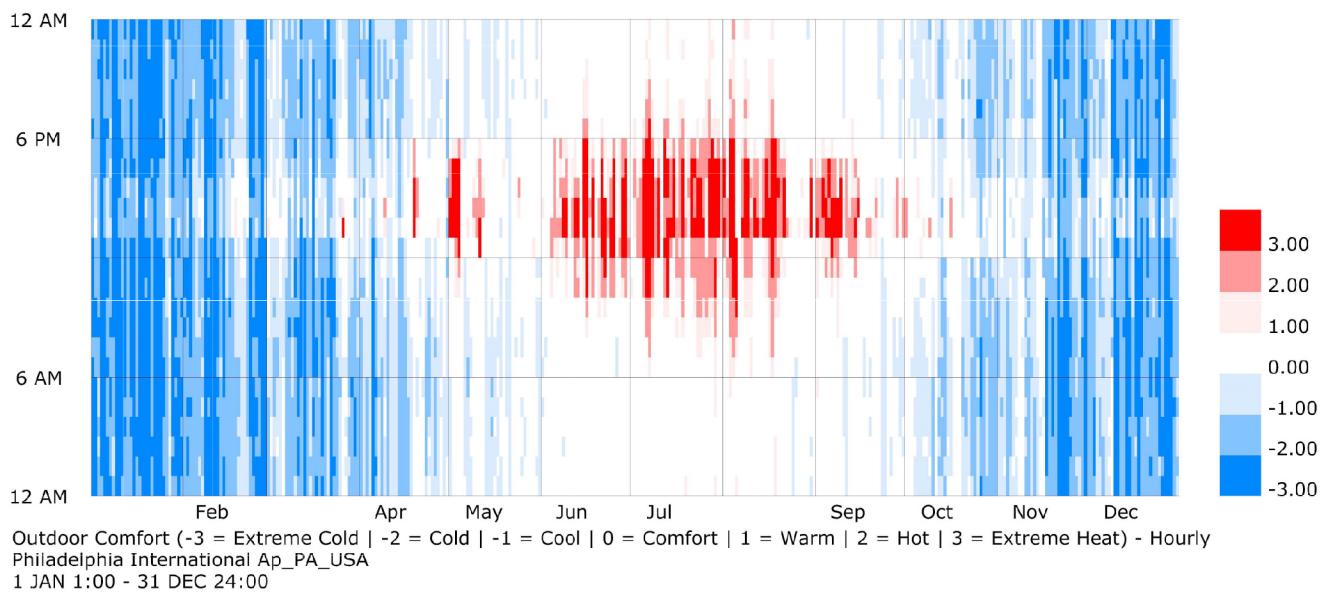
	Comfortable	Short Period Comf.	Heat Stress	Cold Stress
Location 1	39.17%	19.91%	7.33%	33.6%
Location 2	39.84%	20.63%	6.0%	33.53%
Location 3	39.92%	20.35%	5.8%	33.85%
Location 4	39.63%	19.91%	6.79%	33.68%
Location 5	38.17%	19.42%	9.04%	33.37%
Location 6	38.5%	19.59%	8.5%	33.4%



Location 2



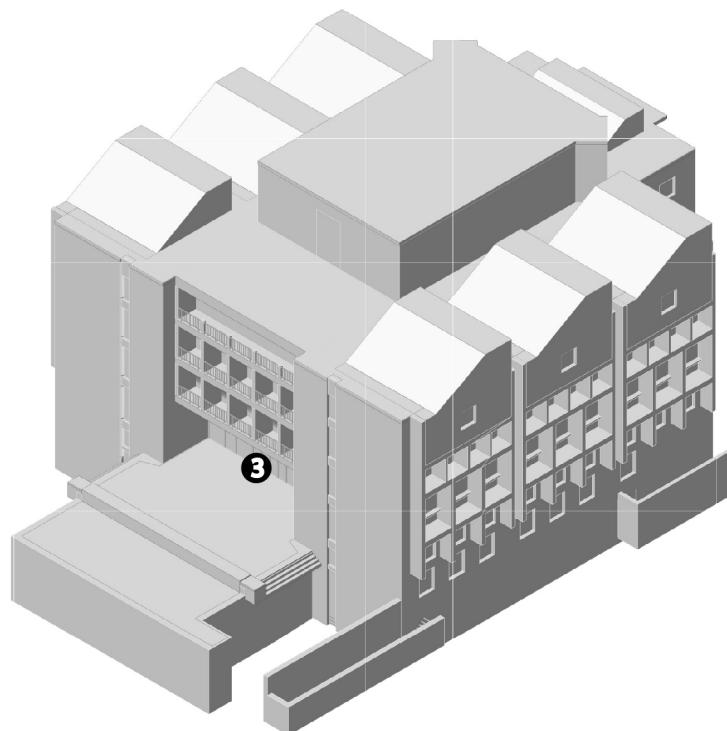
	Comfortable	Short Period Comf.	Heat Stress	Cold Stress
Location 1	39.17%	19.91%	7.33%	33.6%
Location 2	39.84%	20.63%	6.0%	33.53%
Location 3	39.92%	20.35%	5.8%	33.85%
Location 4	39.63%	19.91%	6.79%	33.68%
Location 5	38.17%	19.42%	9.04%	33.37%
Location 6	38.5%	19.59%	8.5%	33.4%



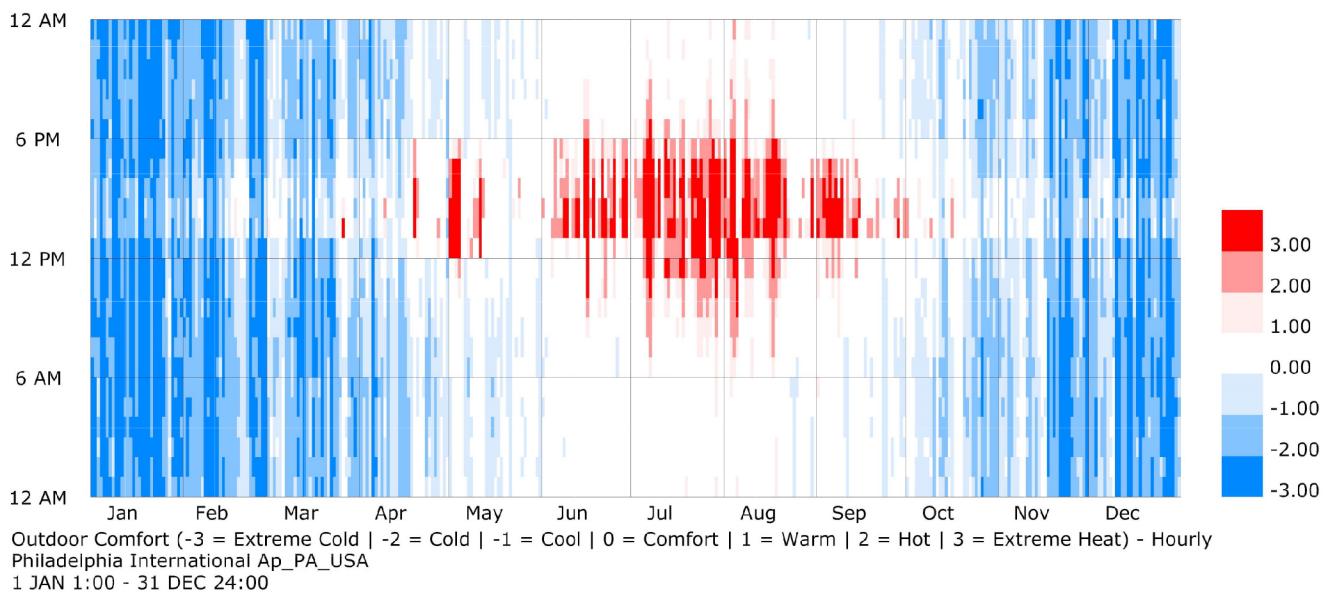
Assignment 5: Annual Comfort Map

Xuanhao Han

Location 3



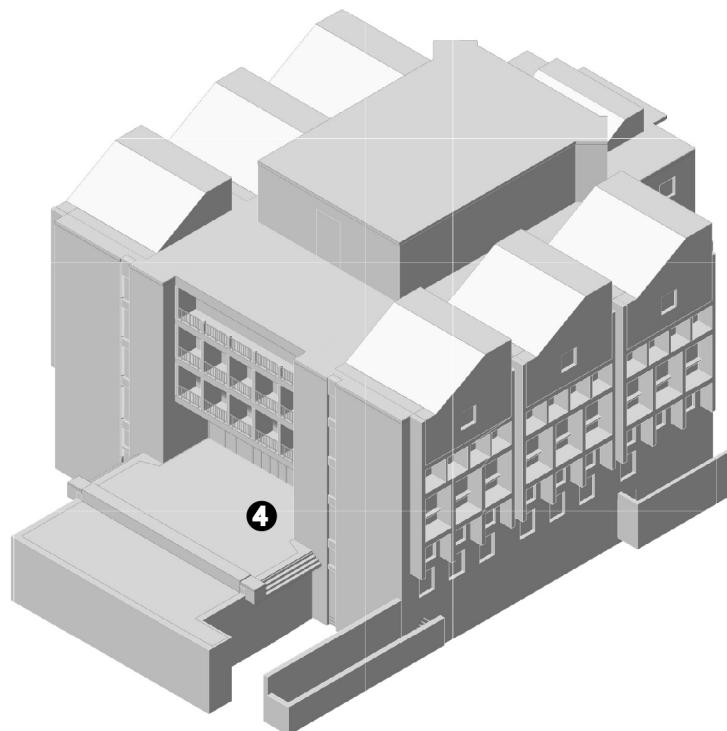
	Comfortable	Short Period Comf.	Heat Stress	Cold Stress
Location 1	39.17%	19.91%	7.33%	33.6%
Location 2	39.84%	20.63%	6.0%	33.53%
Location 3	39.92%	20.35%	5.8%	33.85%
Location 4	39.63%	19.91%	6.79%	33.68%
Location 5	38.17%	19.42%	9.04%	33.37%
Location 6	38.5%	19.59%	8.5%	33.4%



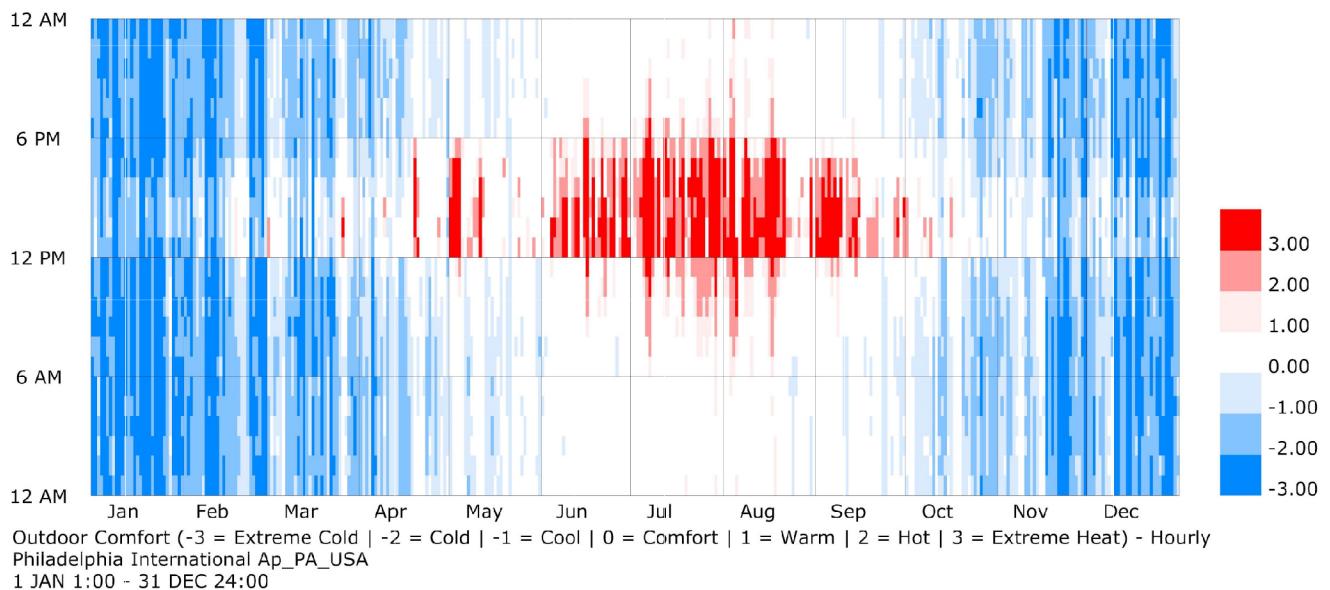
Assignment 5: Annual Comfort Map

Xuanhao Han

Location 4



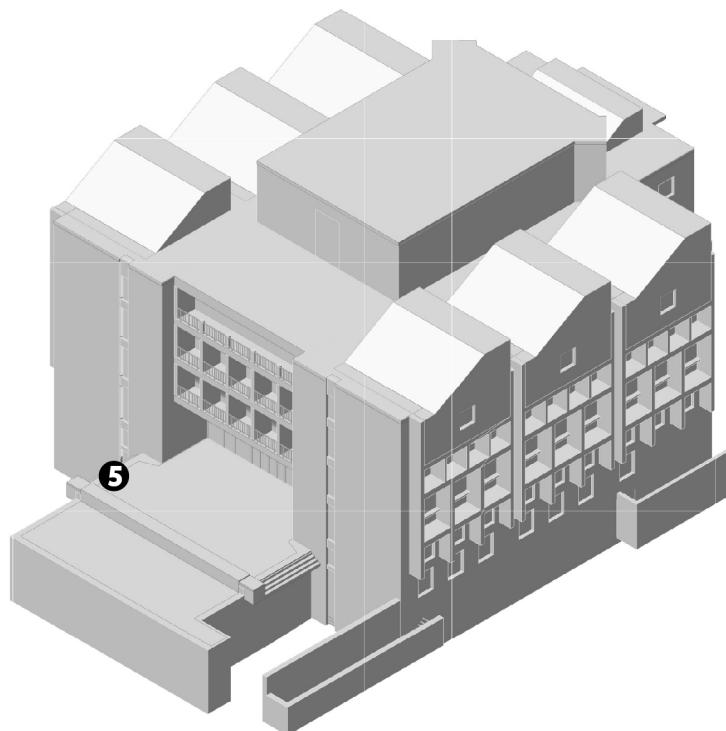
	Comfortable	Short Period Comf.	Heat Stress	Cold Stress
Location 1	39.17%	19.91%	7.33%	33.6%
Location 2	39.84%	20.63%	6.0%	33.53%
Location 3	39.92%	20.35%	5.8%	33.85%
Location 4	39.63%	19.91%	6.79%	33.68%
Location 5	38.17%	19.42%	9.04%	33.37%
Location 6	38.5%	19.59%	8.5%	33.4%



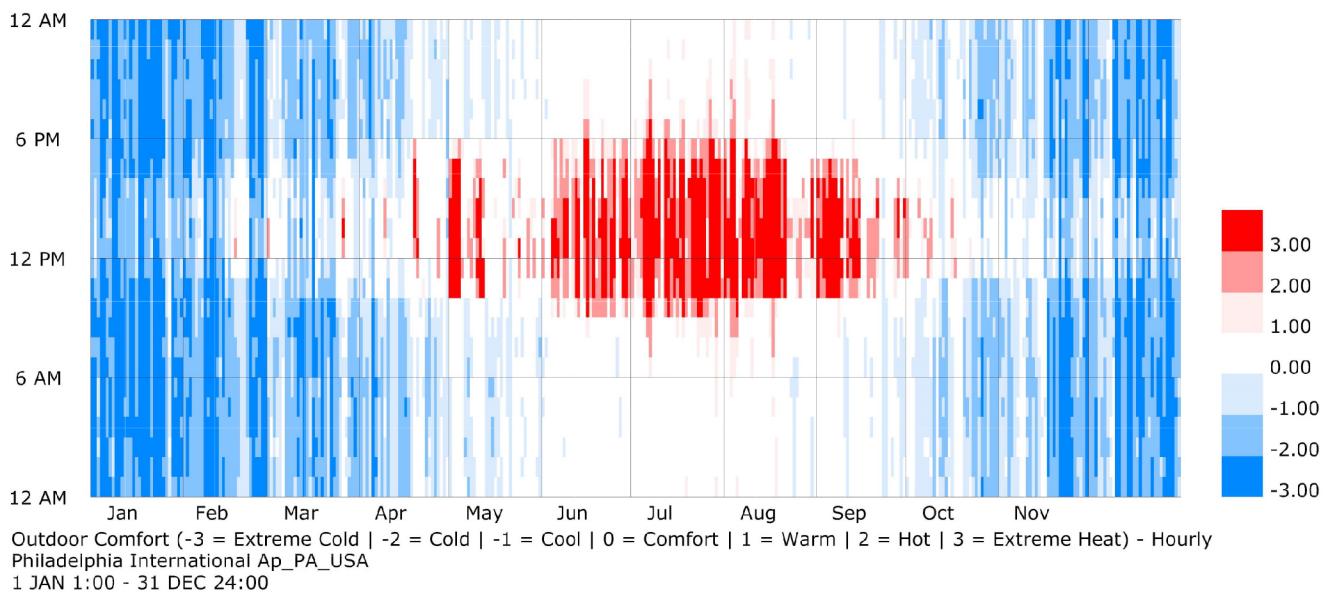
Assignment 5: Annual Comfort Map

Xuanhao Han

Location 5



	Comfortable	Short Period Comf.	Heat Stress	Cold Stress
Location 1	39.17%	19.91%	7.33%	33.6%
Location 2	39.84%	20.63%	6.0%	33.53%
Location 3	39.92%	20.35%	5.8%	33.85%
Location 4	39.63%	19.91%	6.79%	33.68%
Location 5	38.17%	19.42%	9.04%	33.37%
Location 6	38.5%	19.59%	8.5%	33.4%

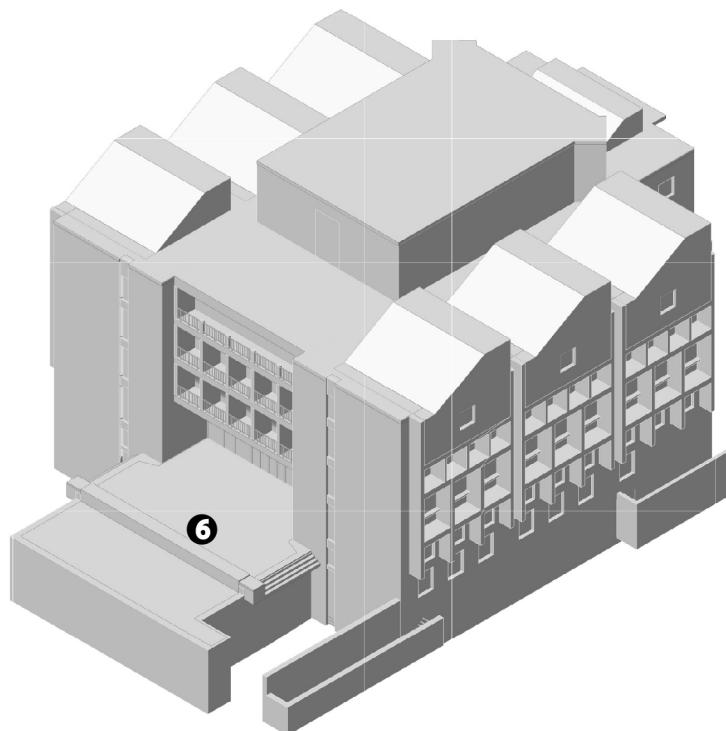


Outdoor Comfort (-3 = Extreme Cold | -2 = Cold | -1 = Cool | 0 = Comfort | 1 = Warm | 2 = Hot | 3 = Extreme Heat) - Hourly
Philadelphia International Ap_PA_USA
1 JAN 1:00 - 31 DEC 24:00

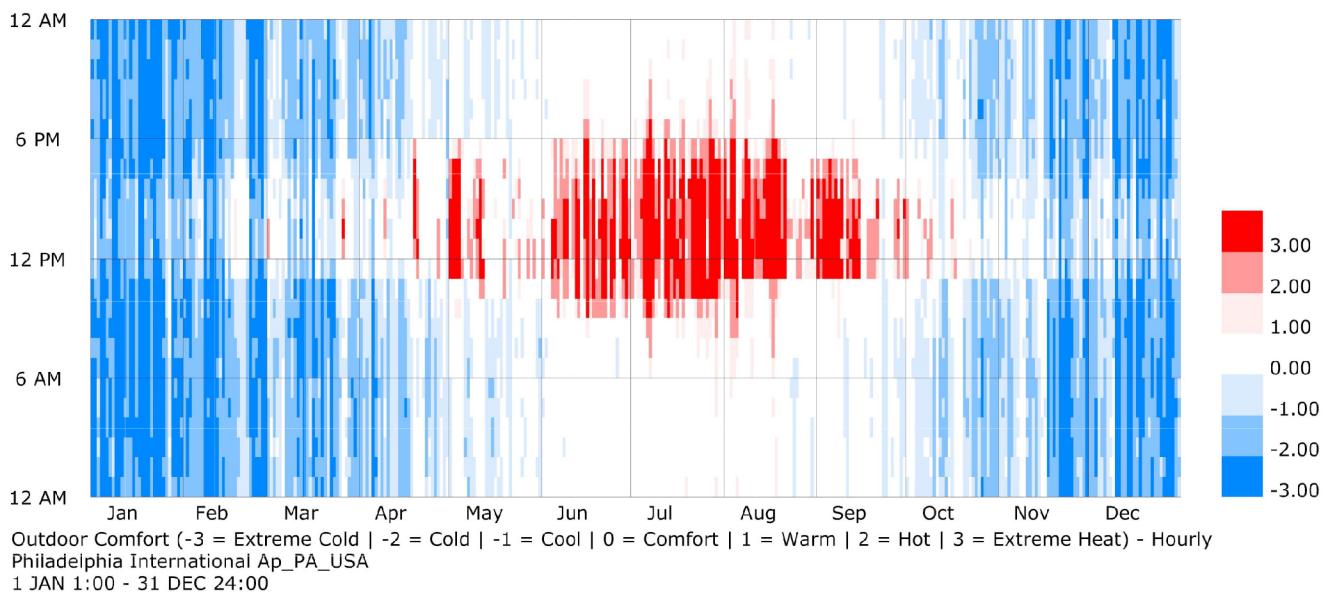
Assignment 5: Annual Comfort Map

Xuanhao Han

Location 6



	Comfortable	Short Period Comf.	Heat Stress	Cold Stress
Location 1	39.17%	19.91%	7.33%	33.6%
Location 2	39.84%	20.63%	6.0%	33.53%
Location 3	39.92%	20.35%	5.8%	33.85%
Location 4	39.63%	19.91%	6.79%	33.68%
Location 5	38.17%	19.42%	9.04%	33.37%
Location 6	38.5%	19.59%	8.5%	33.4%



1. The first thing is to look at the numbers of comfortable and short period comf. data, and compare the data with the diagram. Then to see the value of Heat Stress. Combining these numbers, I think location 3 is the best spot to put seats. For there is the biggest comfortable number and considerbaly smallest heat stress.
2. There is slight difference between the parameters of Comfortable, Short Period Comf., Cold Stress. The biggest difference is between the data of Heat Stress. Location 3 has the smallest heat stress of 5.8, while location 5 has 9.04.
3. The Heat Stress is the effective parameter.
4. I think the main limitation is that the plaza of Meyerson Hall is often shaded by Fisher Library, which is not considered in the assessment. Context condition, including plantation and surrounding buildings, are not considered as parameters.