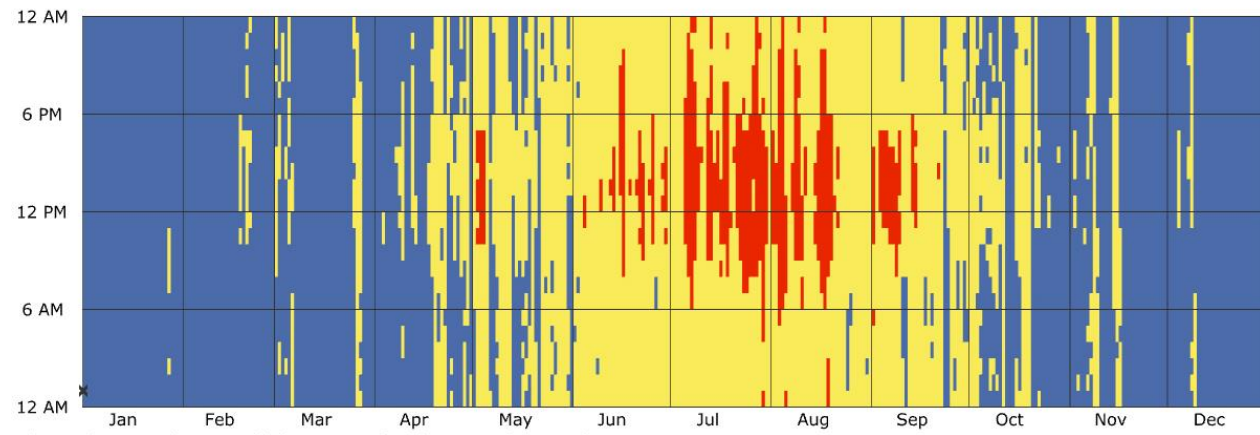
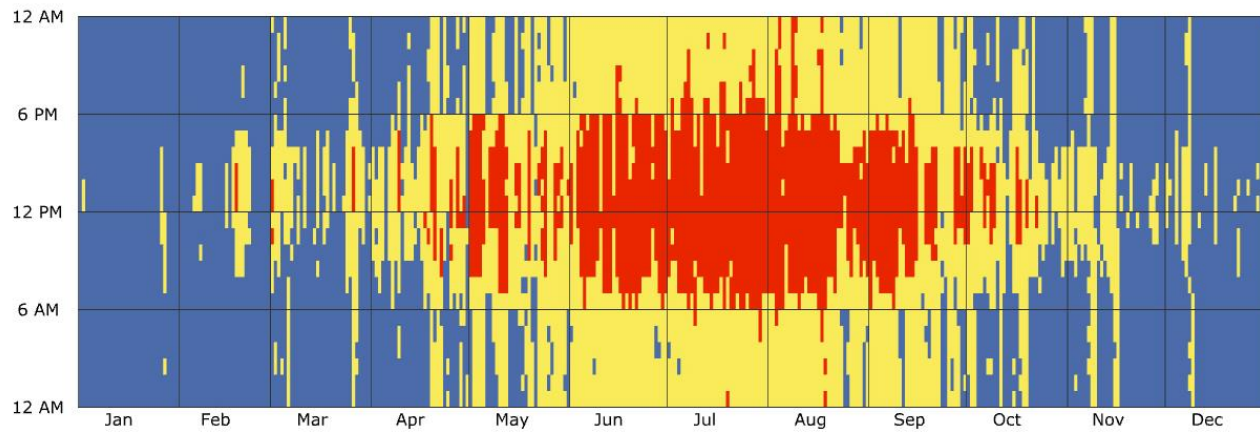


OUTDOOR SHADING DESIGN

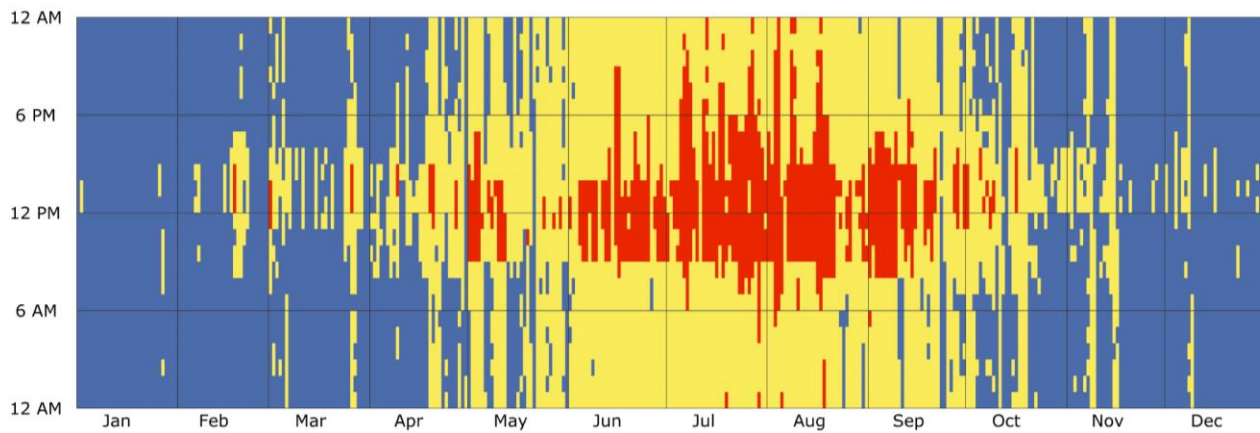


Thermal Stress

Fully
Shaded

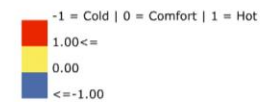


With Solar
Radiation

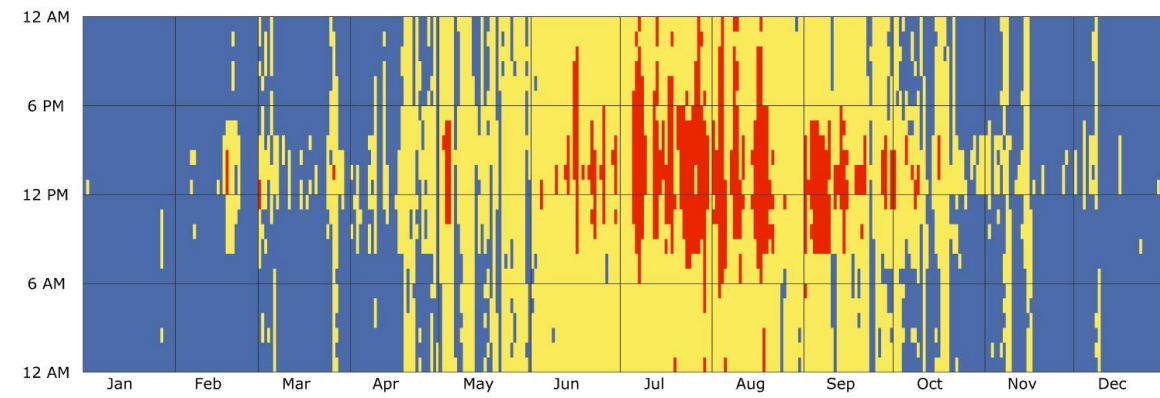


Thermal Stress (-1 = Cold | 0 = Comfort | 1 = Hot) - Hourly

With Solar
Radiation and
context of
Meyerson &
Fisher fine
arts

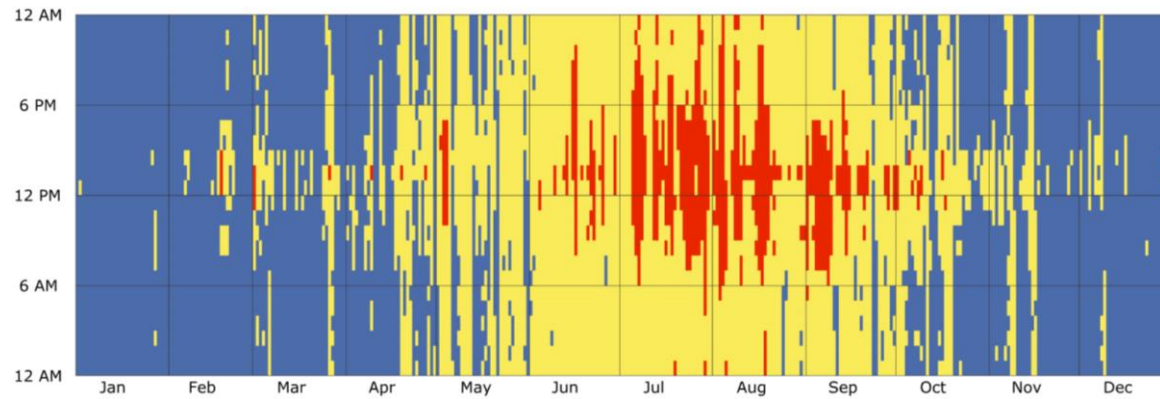
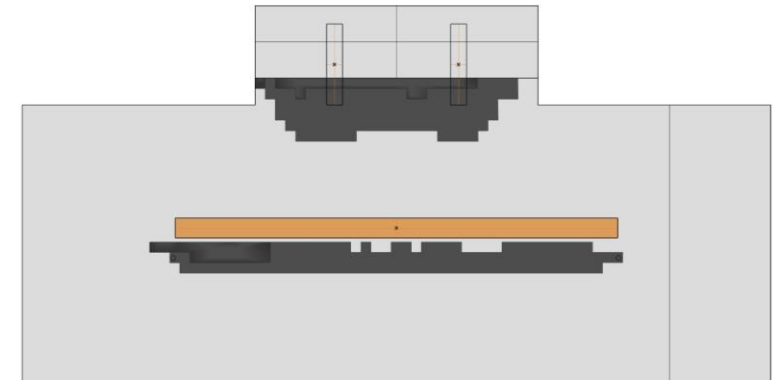


	Bench 1	Bench 2	Bench 3
Percent of time comfortable	40.5	40.38	38.02
Percent Heat Stress	6.65	6.47	10.06
Percent Cold Stress	32.40	32.68	32.64

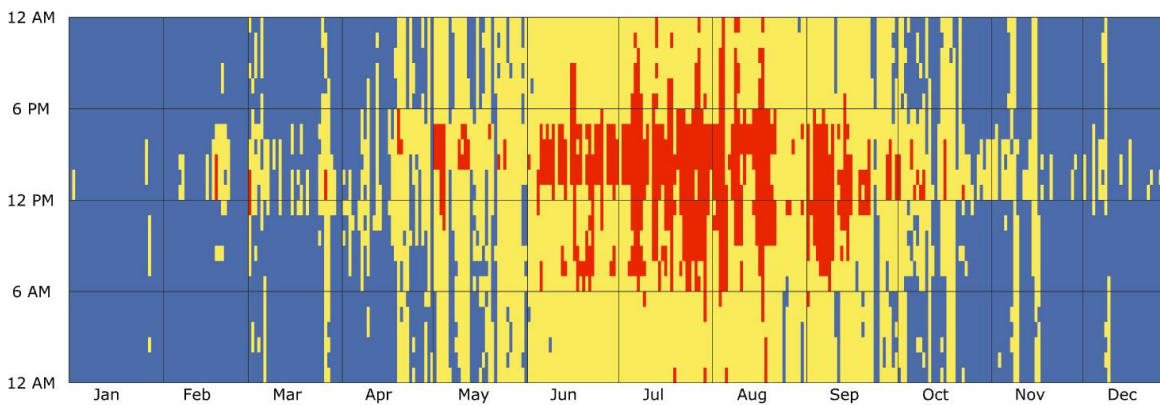
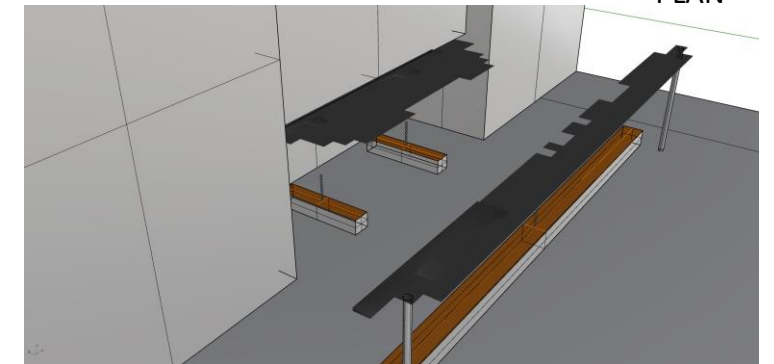


Thermal Stress: Basic Shading

Bench 1

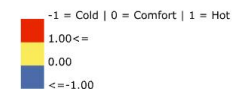


Bench 2

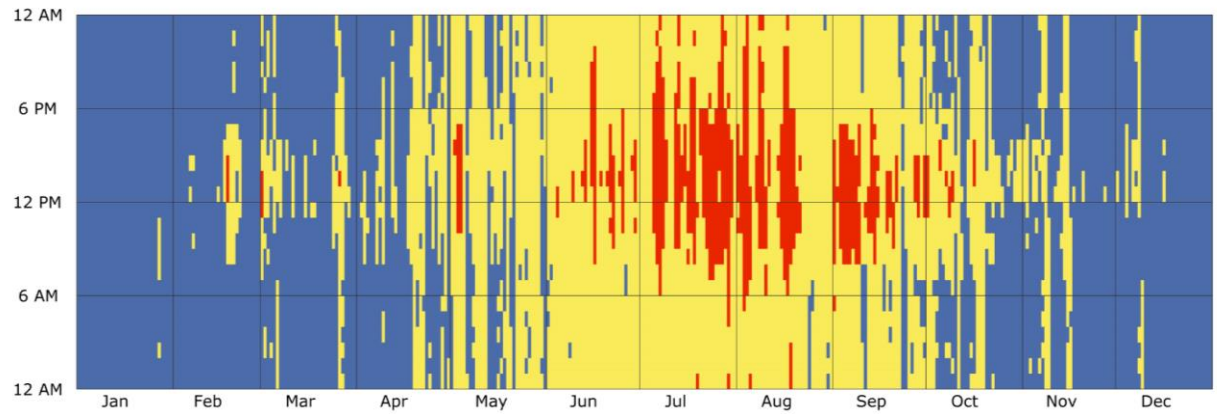


Bench 3

Thermal Stress (-1 = Cold | 0 = Comfort | 1 = Hot) - Hourly

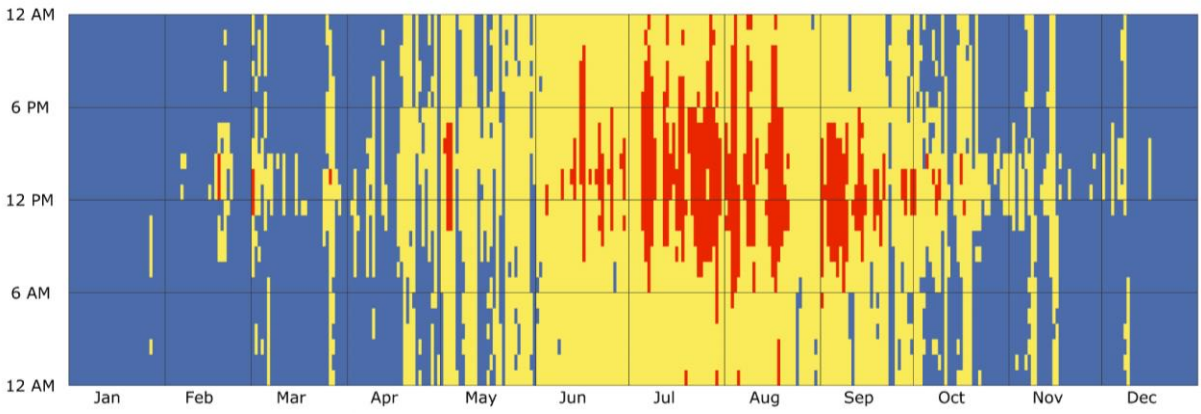
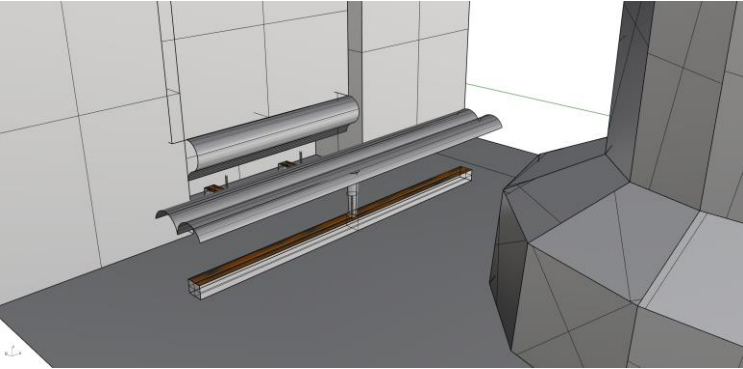


	Bench 1	Bench 2	Bench 3
Percent of time comfortable	42.2	42.21	42.45
Percent Heat Stress	3.66	3.65	3.21
Percent Cold Stress	32.77	32.93	32.99

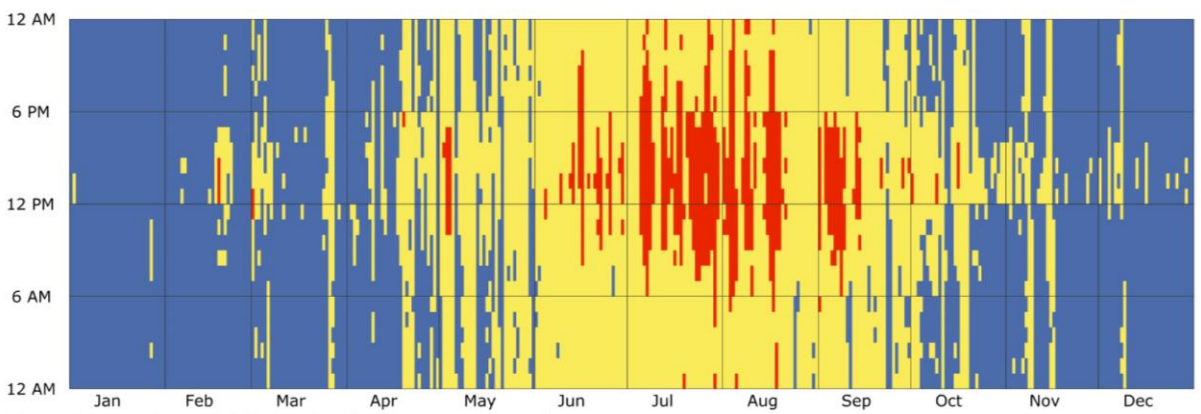
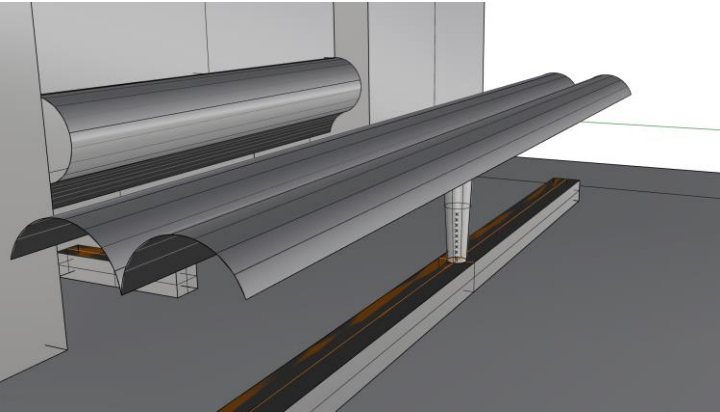


Thermal Stress:
Designed Shading

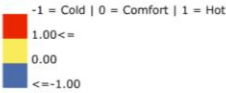
Bench 1



Bench 2



Bench 3



Thermal Stress (-1 = Cold | 0 = Comfort | 1 = Hot) - Hourly

	Bench 1	Bench 2	Bench 3
Percent of time comfortable	42.2	42.21	41.27
Percent Heat Stress	3.66	3.65	3.13
Percent Cold Stress	32.77	32.93	34.33