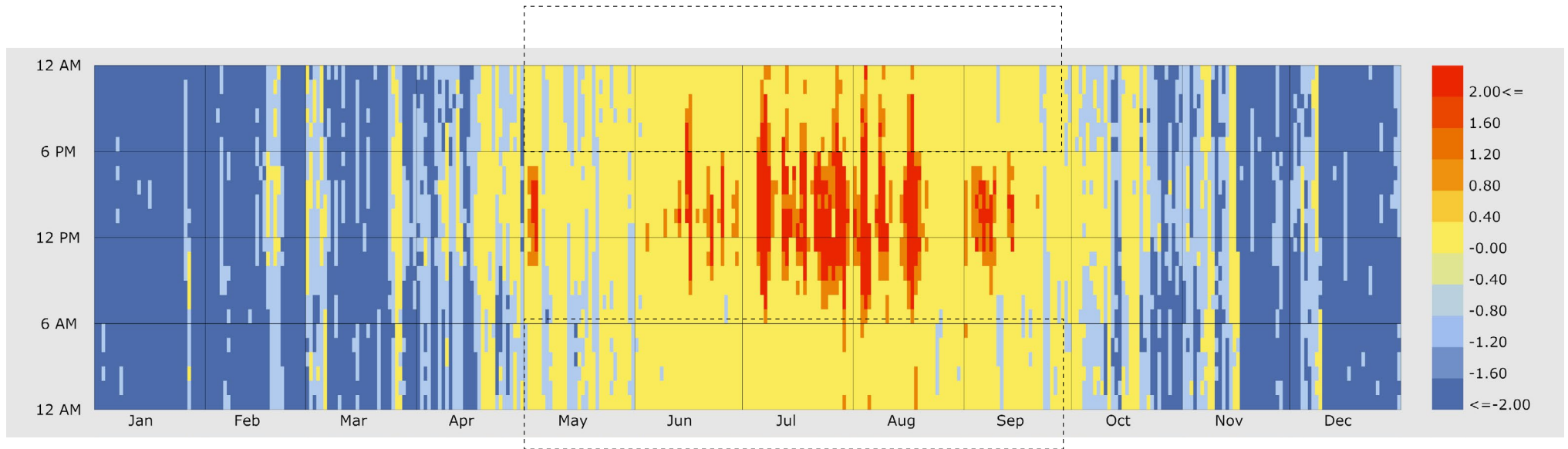


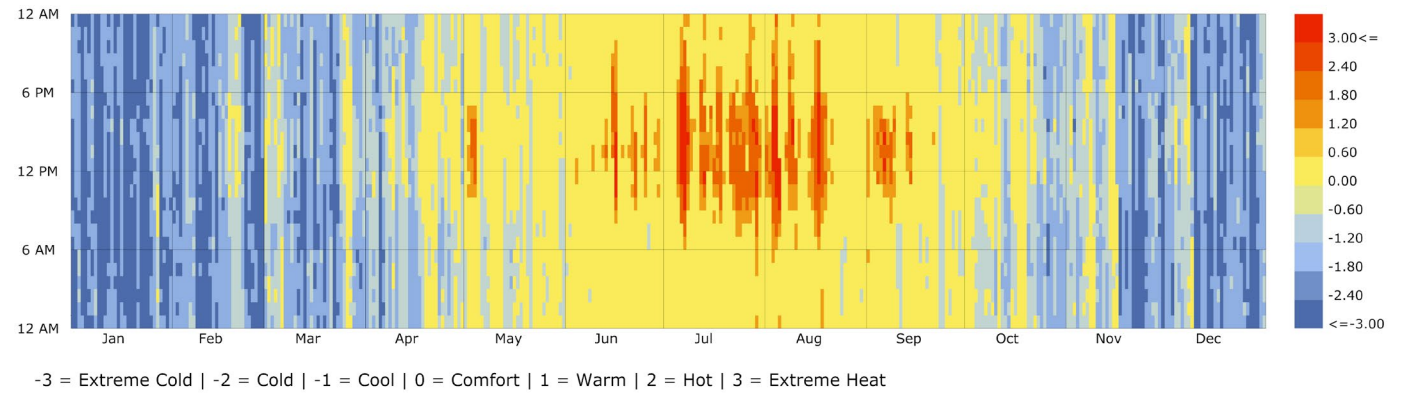
Outdoor Comfort



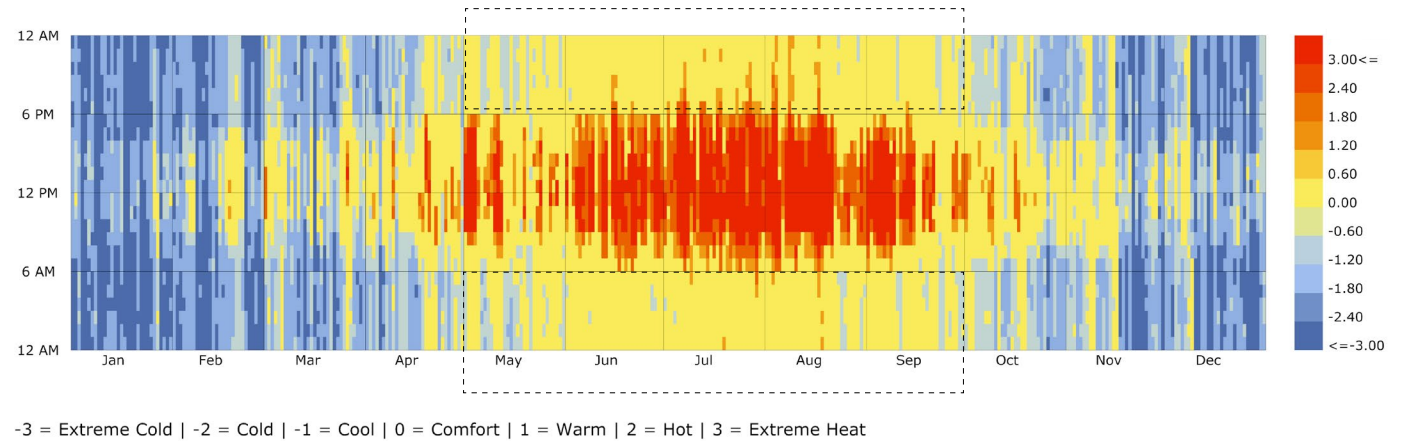
-3 = Extreme Cold | -2 = Cold | -1 = Cool | 0 = Comfort | 1 = Warm | 2 = Hot | 3 = Extreme Heat

From the chart we can conclude that when the influence of outdoor solar radiation is not considered, the most comfortable time during the year is from May to September. During summer, people feel comfortable in the morning and evening while not comfortable at noon.

Calculate Comfort in Shade



Calculate Comfort without Shade



From the chart we can conclude that when the influence of solar radiation is considered, the most comfortable time has significantly decreased because in summer it is really hot at noon. The comfort time is 6 PM- 12PM.

Besides, we can increase the comfort time by improving the less comfortable period such as "warm" and "Cool" part