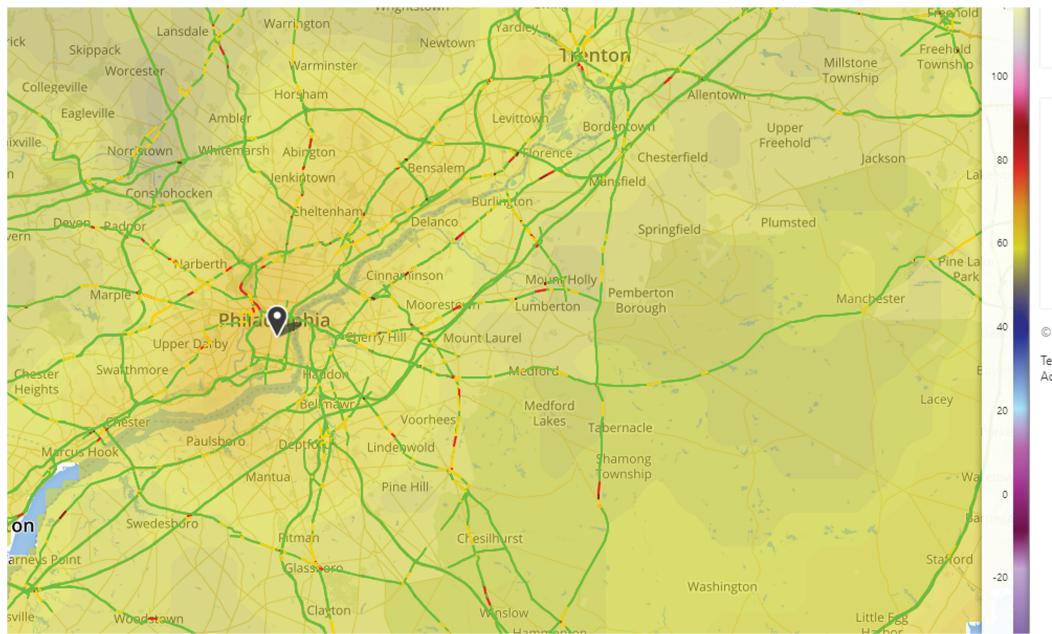
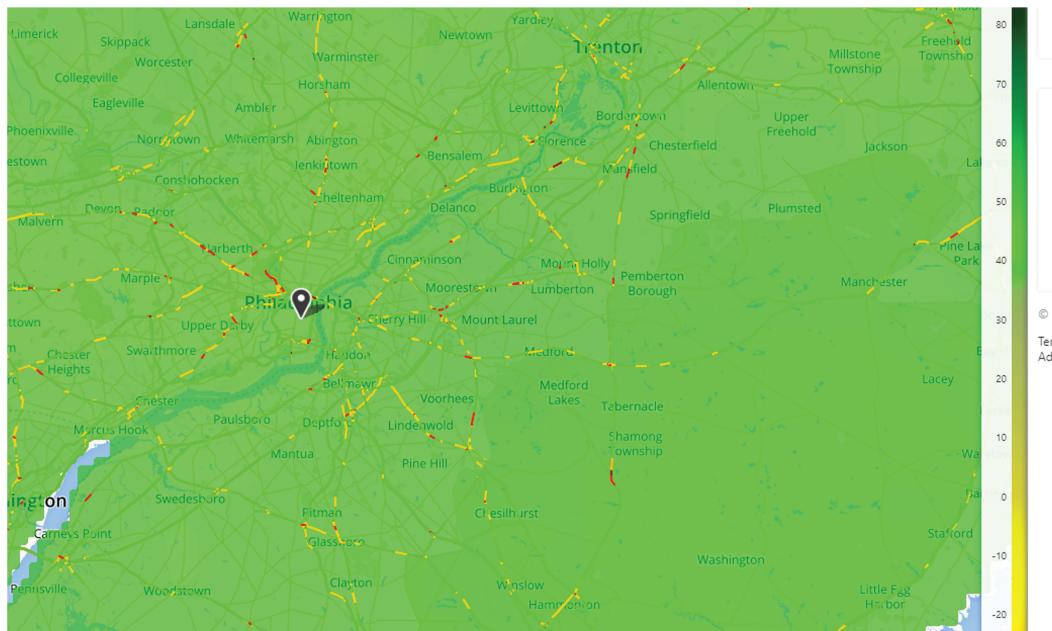


Assignment 01

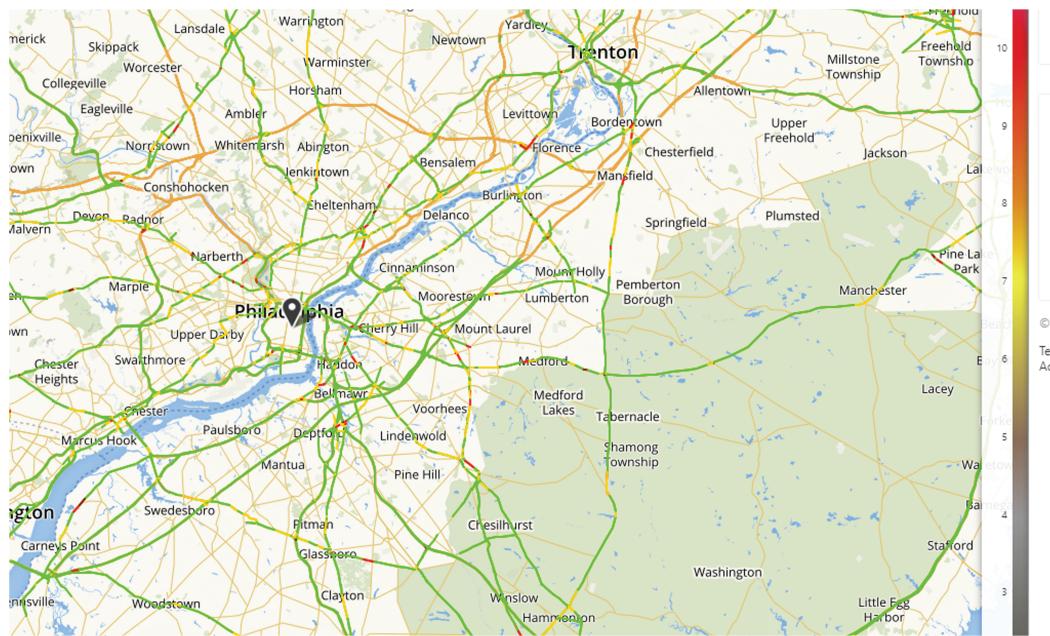
Moise Yamba



Temperature: the Temperature registered was around 65-70 °F



Relative Humidity: The humidity level was really average



UV Index

Passive design Strategies:

1. To design a house in philadelphia it is ideal to orient the longest side of the building to the south for less sun exposure.
2. Minimaze Shading on the south side of the building to maximize solar gain in the winter/cold seasons.
3. Reduce Glasing and sun exposure on the North Facade.