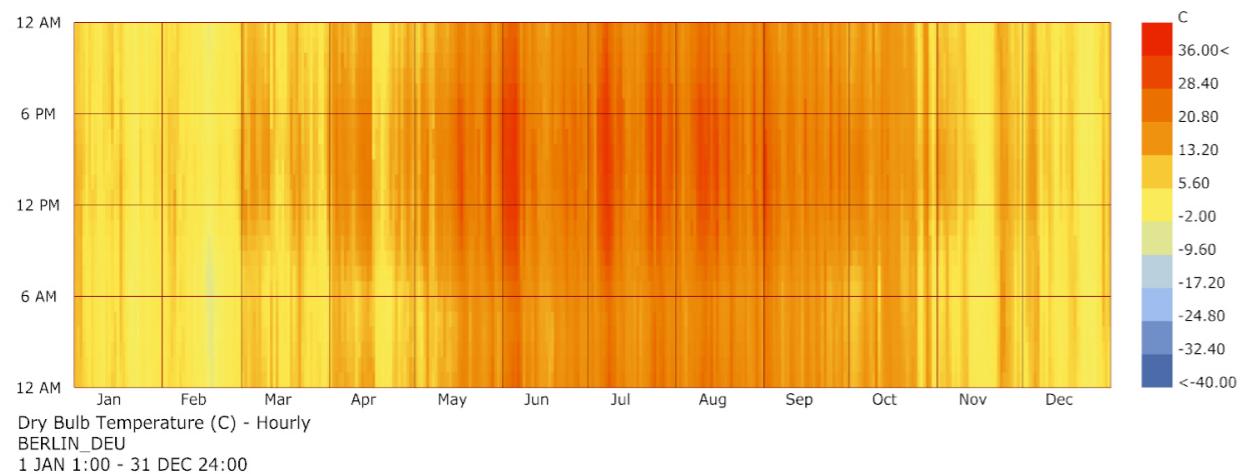


Germany, Berlin Climate Analysis

-Assignment 02

-10/01/2017

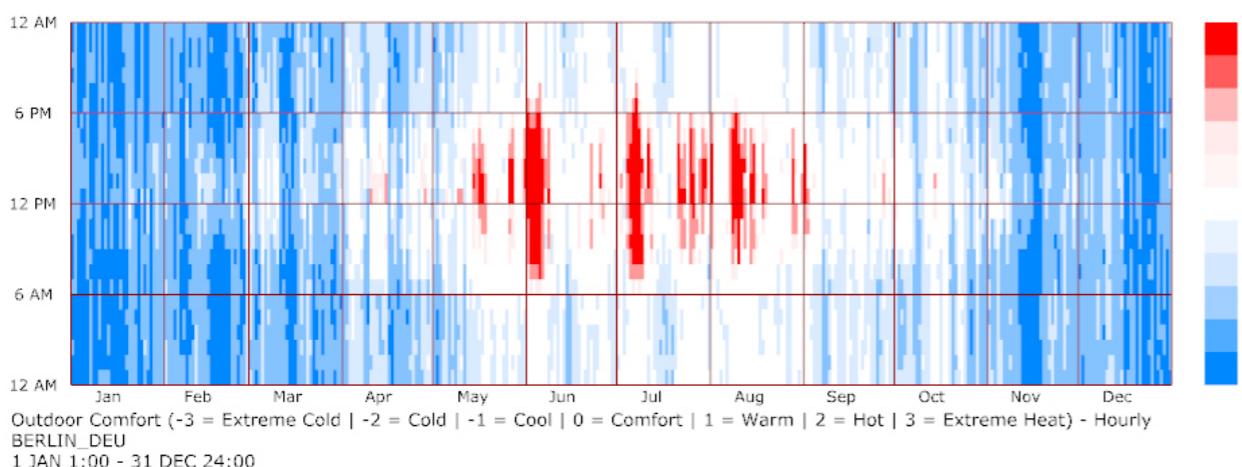
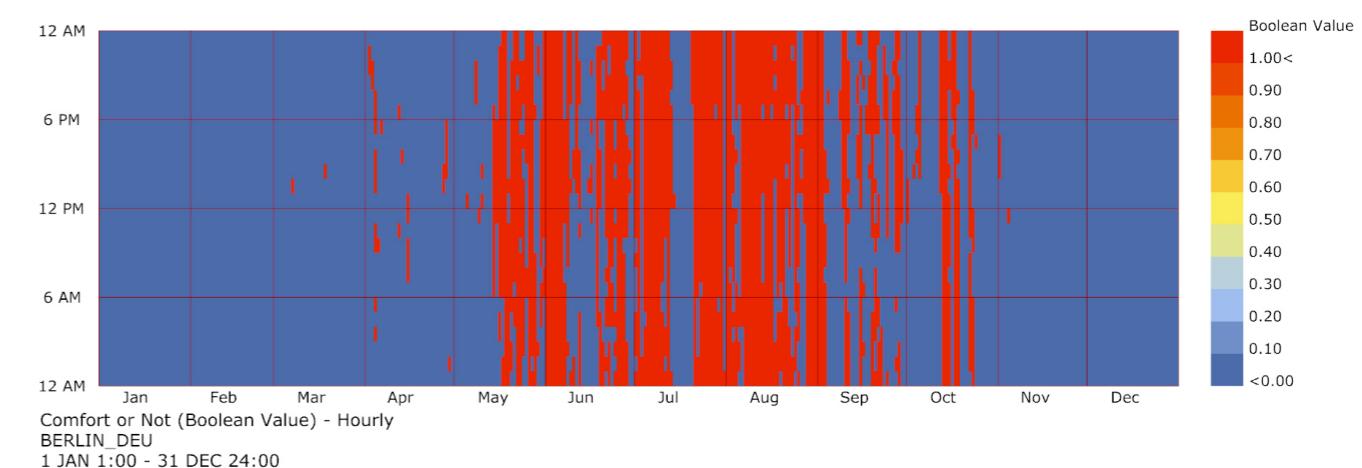
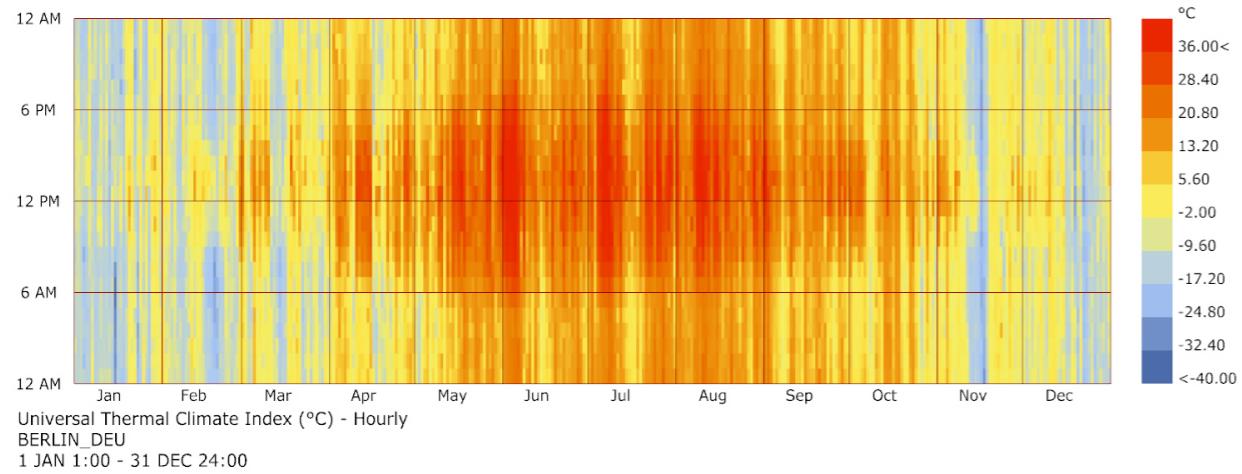
-Yunlong Zhang

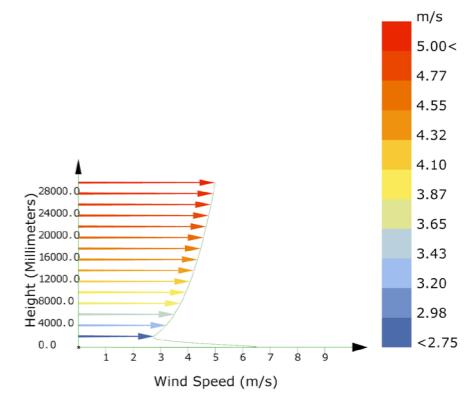
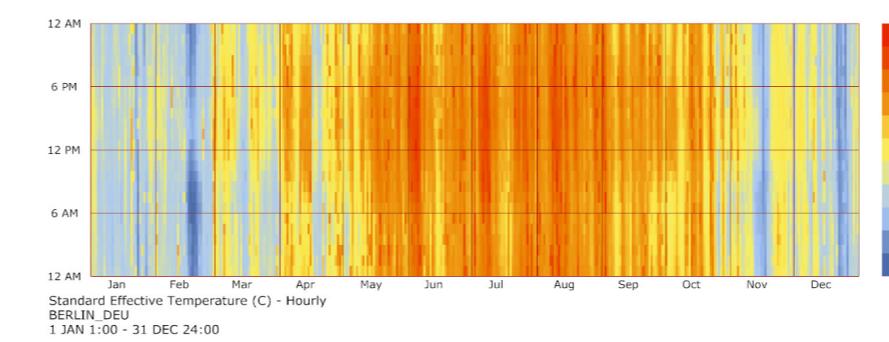
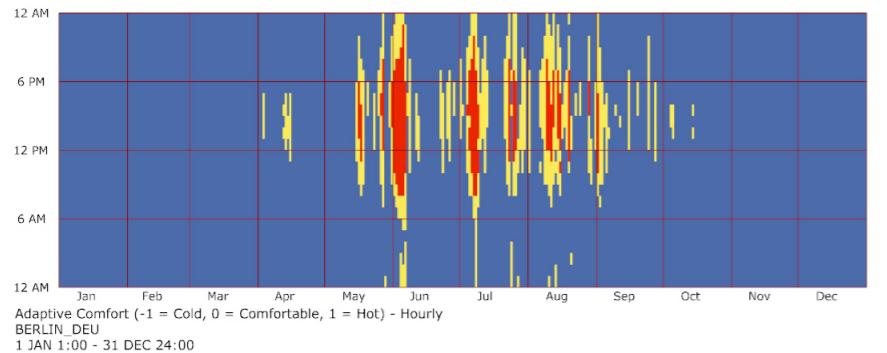


Through previous studies, we found that Berlin is a mild continental climate, hot summer, cold winter. The average temperature for June, July and August is between 22 °C and 25 °C, and the maximum temperature in summer is about 30 °C.

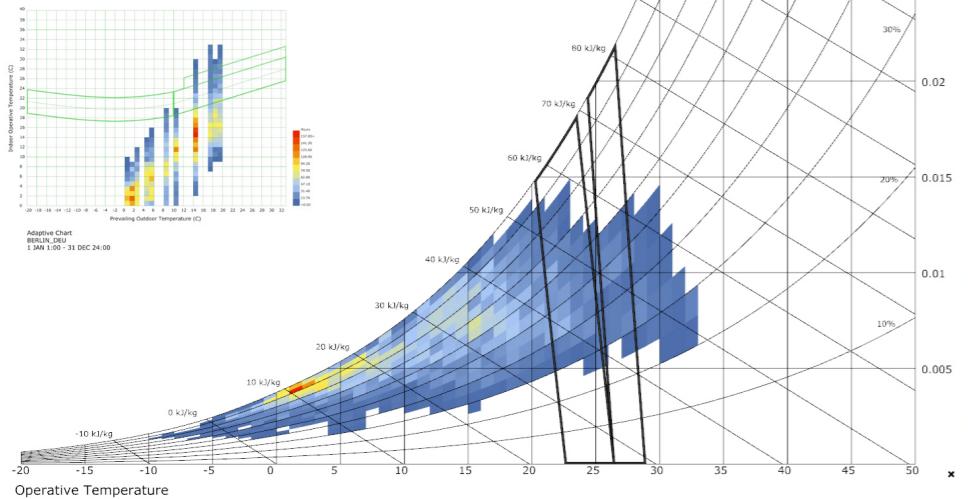
The weather in the winter is damp and cold, but the cold weather is almost rare. December the average minimum temperature of 0 °C, January and February temperatures of -5 °C and 0 °C, sometimes the temperature will be below -10 °C.

This time through the analysis I found that, in general, although Berlin's climate is mild, the human feeling is not always comfortable. Only 27 percent of the time in one day makes people feel comfortable. 15 percent of the time in one year makes people feel comfortable.



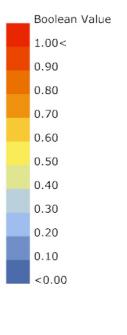
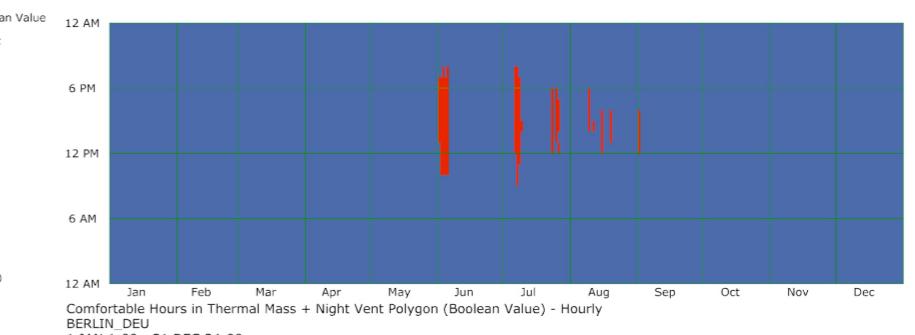
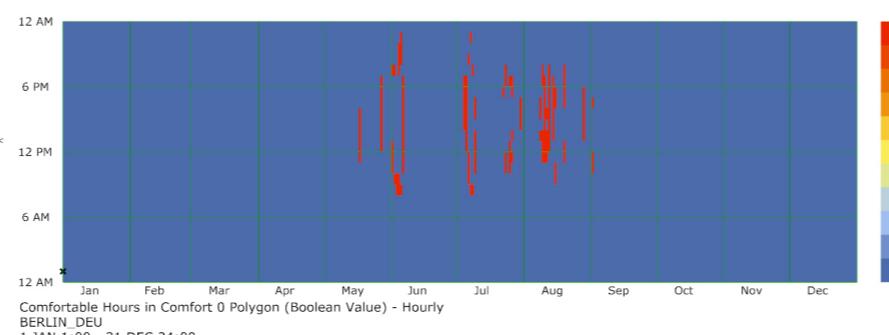


Psychrometric Chart
BERLIN_DEU
1 JAN 1:00 - 31 DEC 24:00



Through the analysis I prove that improvements through the building can improve people's comfort, which by increasing the supply of internal heat can be very effective to improve people's comfort.

This may be done by doing a good wall insulation, window insulation, internal heating system, to improving the south lighting.



Psychrometric Chart
BERLIN_DEU
1 JAN 1:00 - 31 DEC 24:00

