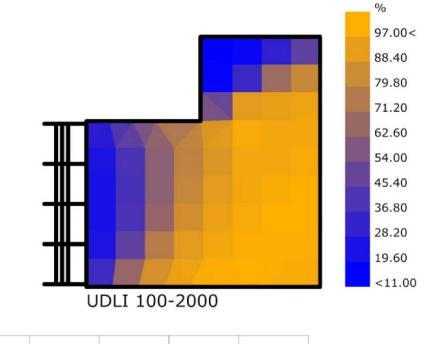
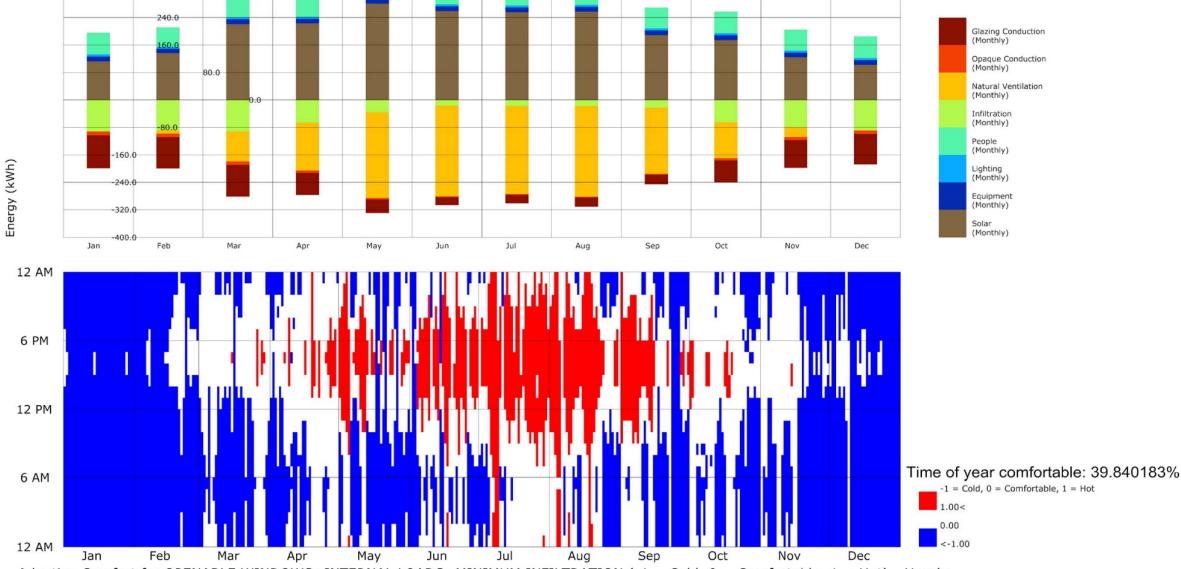
Energy + Daylight Analysis

Improvements made:

- Fraction of openable glazing height increased to 1.
- External wall upgraded to ASHRAE 90.1 standard (from pre-1980).
- Window upgraded to ASHRAE 90.1 standard (from generic external window).
- Realistic occupancy scheduled added.
- Daylighting integrated with lighting schedule.

Result: 5% increase in the time of the year that the space is comfortable.





Adaptive Comfort for OPENABLE WINDOWS+INTERNAL LOADS+MINIMUM INFILTRATION (-1 = Cold, 0 = Comfortable, 1 = Hot) - Hourly Philadelphia International Ap PA USA TMY3 1 JAN 1:00 - 31 DEC 24:00

ARCH 753 | PROF. MOSTAPHA ROUDSARI Ayodh Kamath | Wk. 9

320.0