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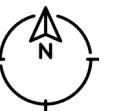
## Fins Design

A task was to decide an orientation of a fins for a Lab Building, GSFC, Vadodara. Day-light analysis is done to decide the same.

 Mamta Shah & Associates  
 Environmental Analyst  
 GSFC, Vadodara  
 2017



Fins of the front facade at the corner is facing the south, hence an analysis had to be done to avoid heat gain in the building.





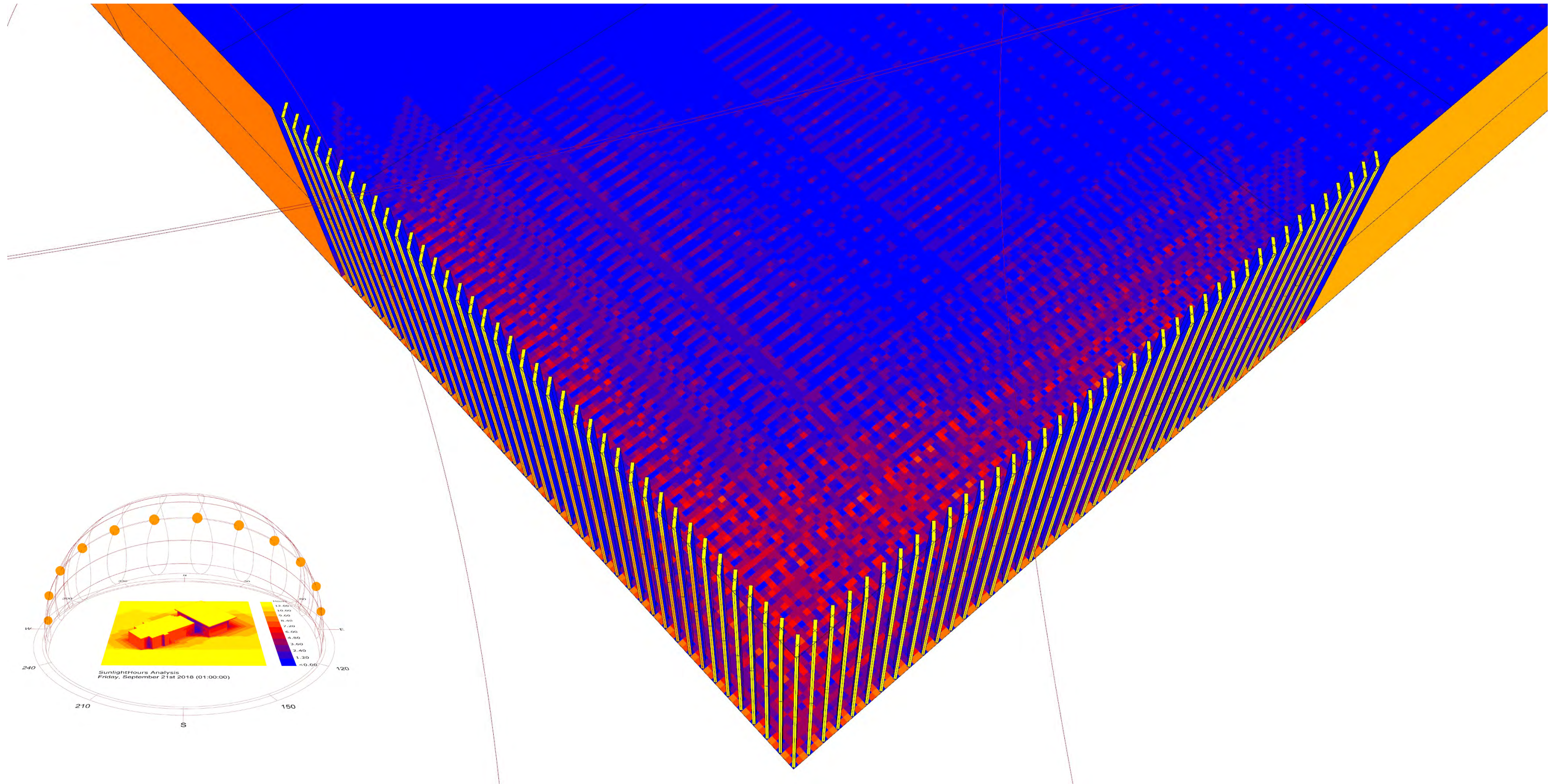


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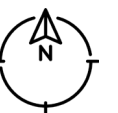
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Day-light analysis was done for two options of fins orientation.  
Option 01 indicates that opening area towards south is high and shall attract the heat gain.





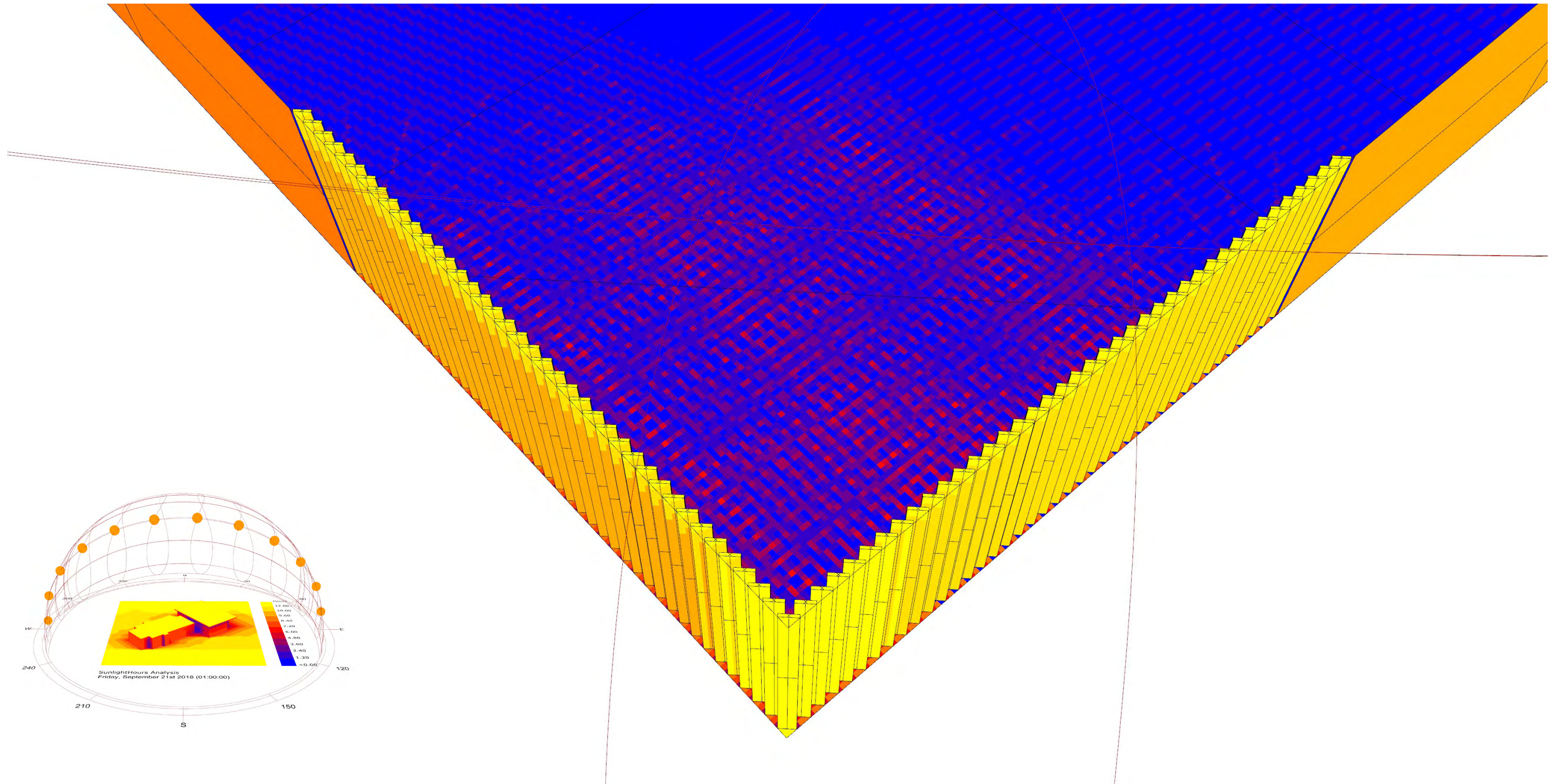


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Day-light analysis was done for two options of fins orientation.  
Option 02 indicates that opening area towards south is lower and shall regulate the heat gain.  
Later, It was decided to go with the option 02.

