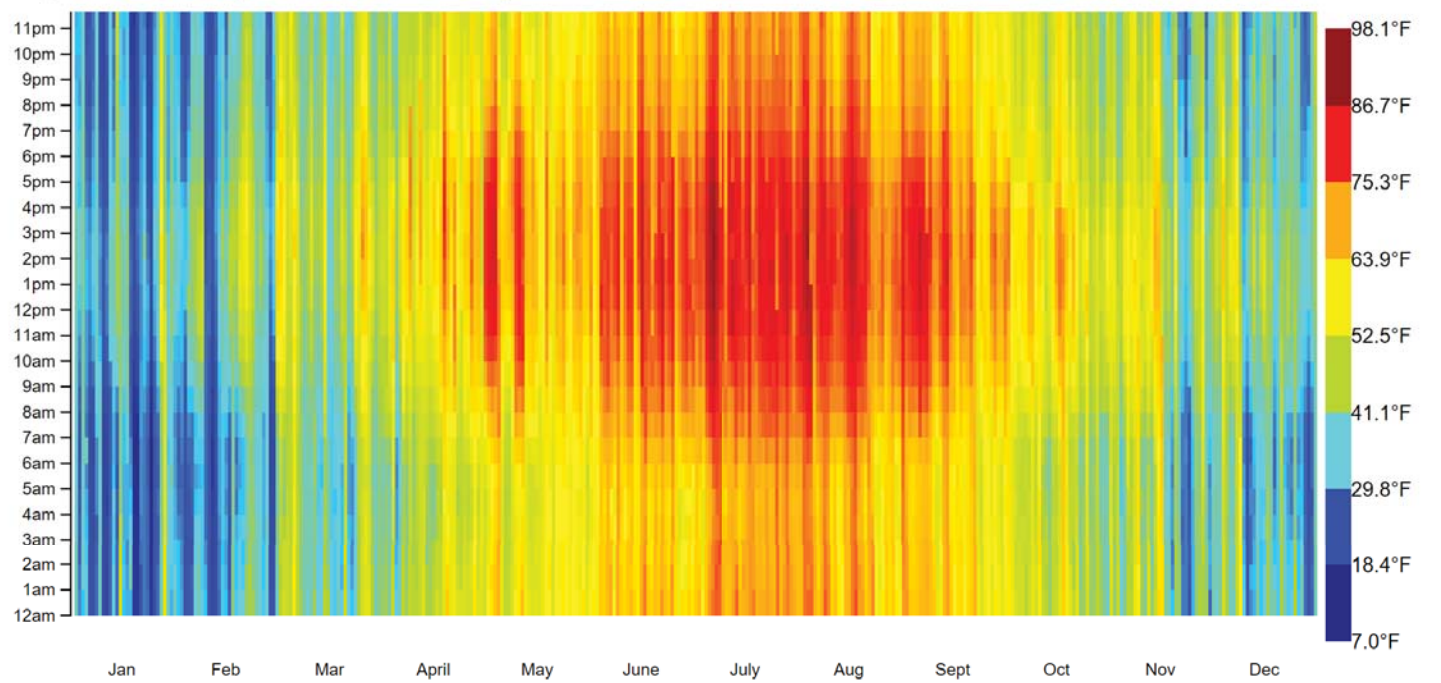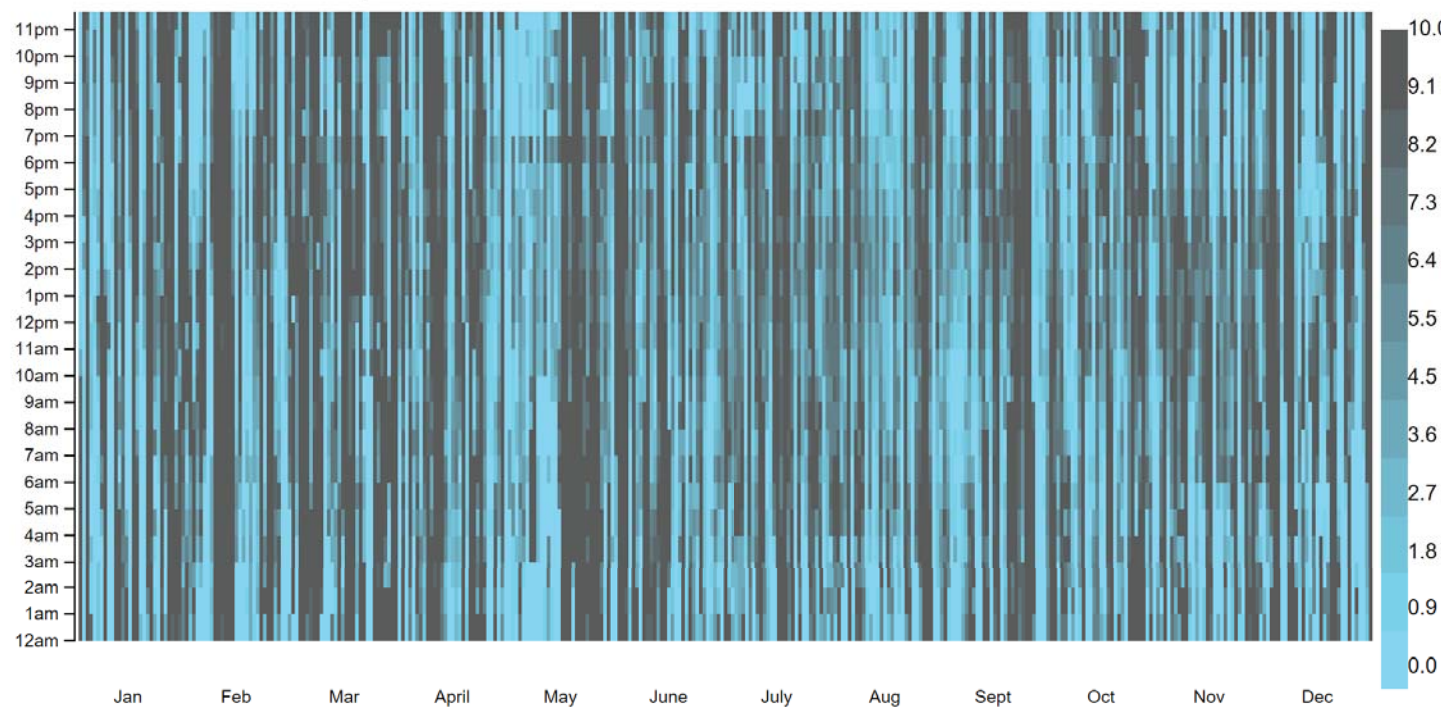## Drybulb Temperature Floodplot
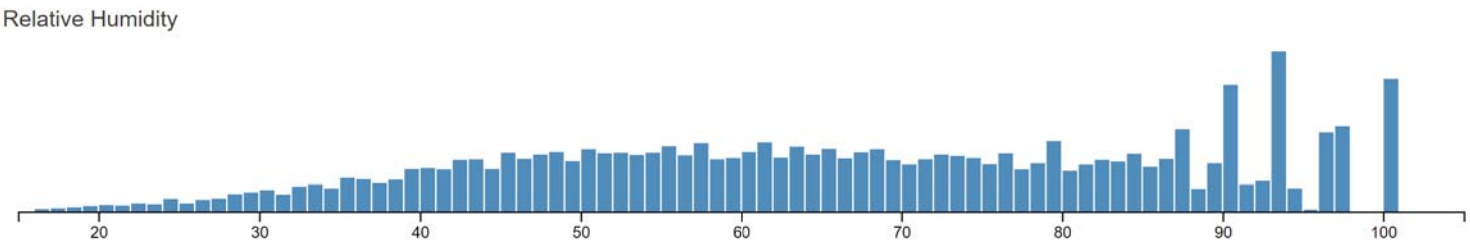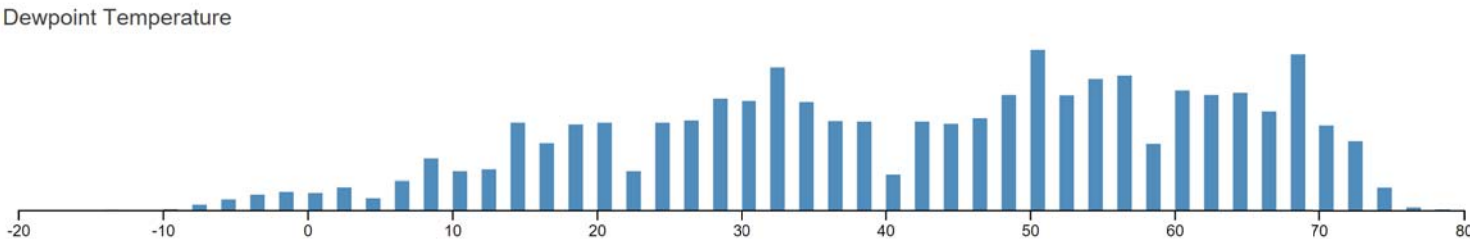

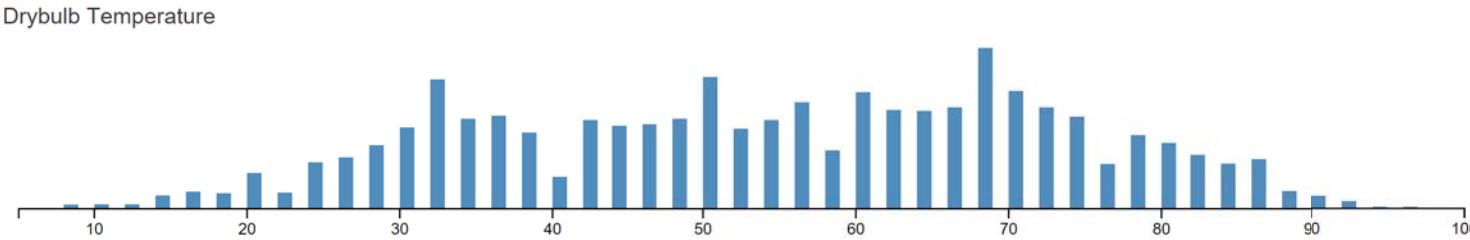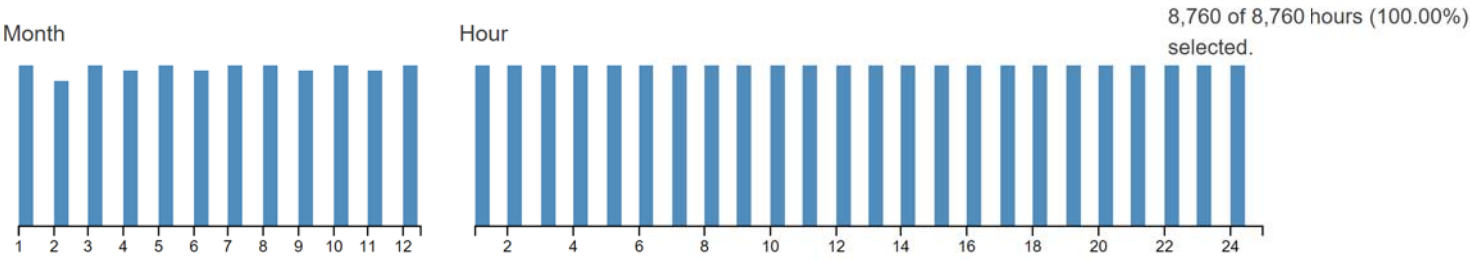## Cloud Cover Floodplot

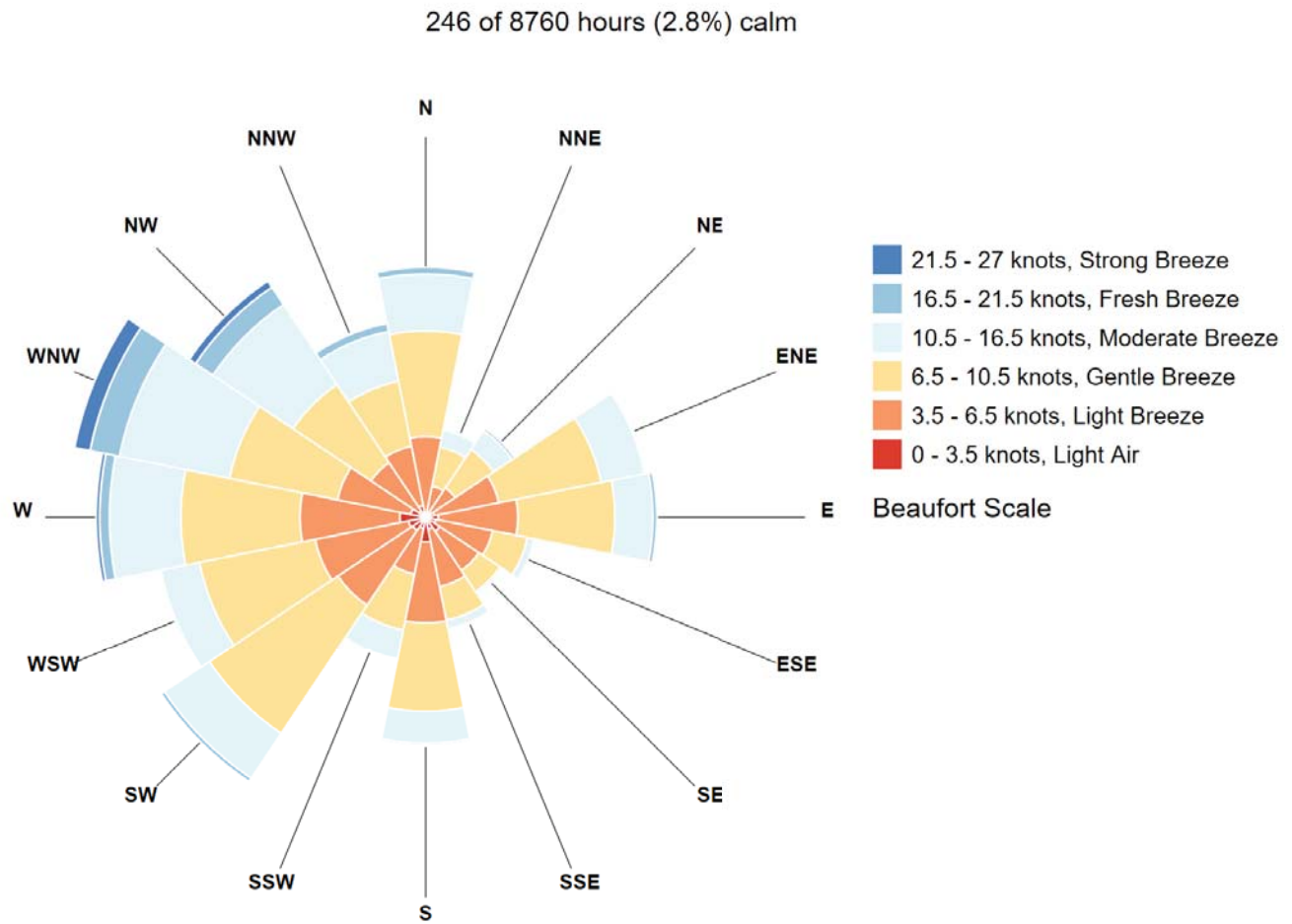# Value Filter

Filter the temperature profile by day, summer months, summer daytime, or hours between 65°F and 75°F.

Month

Hour

8,760 of 8,760 hours (100.00%) selected.

Drybulb Temperature

Dewpoint Temperature

Relative Humidity

Wind Rose

246 of 8760 hours (2.8%) calm

Beaufort Scale

- 21.5 - 27 knots, Strong Breeze
- 16.5 - 21.5 knots, Fresh Breeze
- 10.5 - 16.5 knots, Moderate Breeze
- 6.5 - 10.5 knots, Gentle Breeze
- 3.5 - 6.5 knots, Light Breeze
- 0 - 3.5 knots, Light Air

Three Passive Design Strategies:

1) South facing glazing for heat gain in the winter with large overhangs and shades to keep the sun's heat out in the summer.

2) A whole-house fan will cool large masses by sucking in and storing cold air at night, known as "coolth".

3) Increasing insulation in buildings is cost effective in keeping the interior temperature more uniform. (Less energy to heat/cool space)