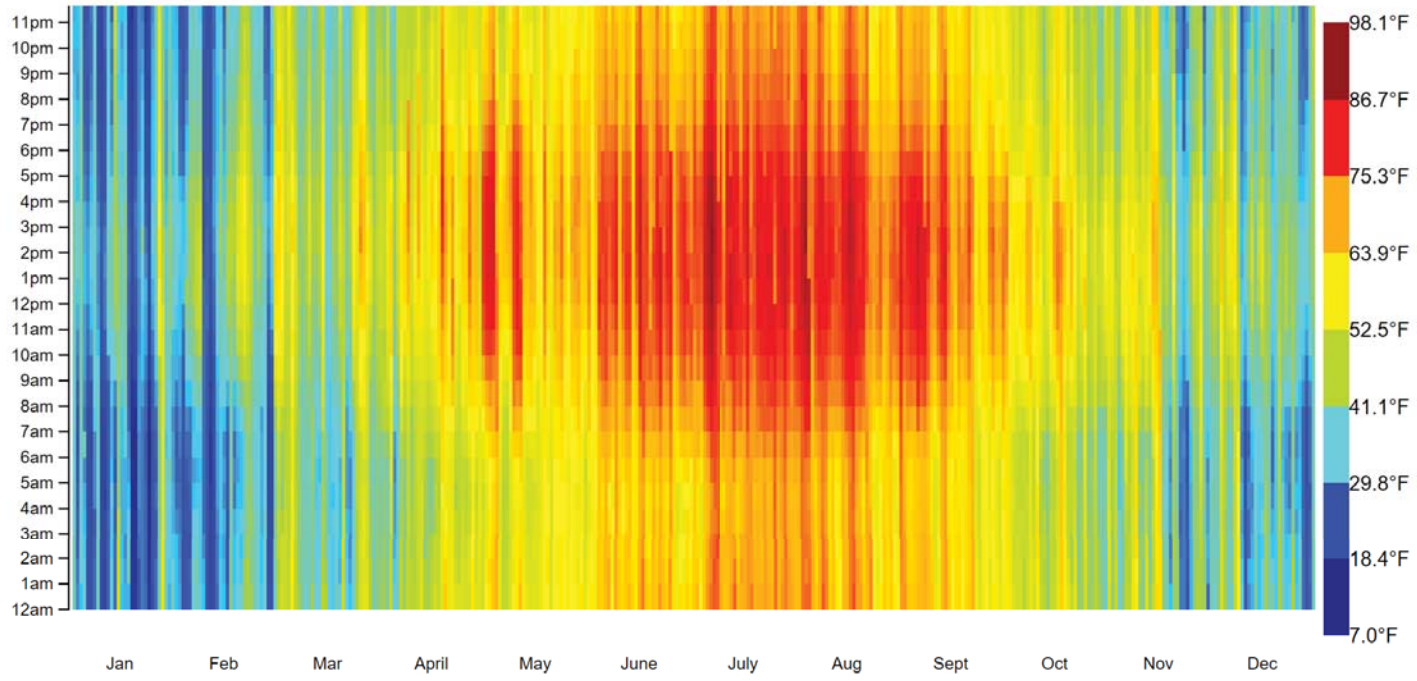
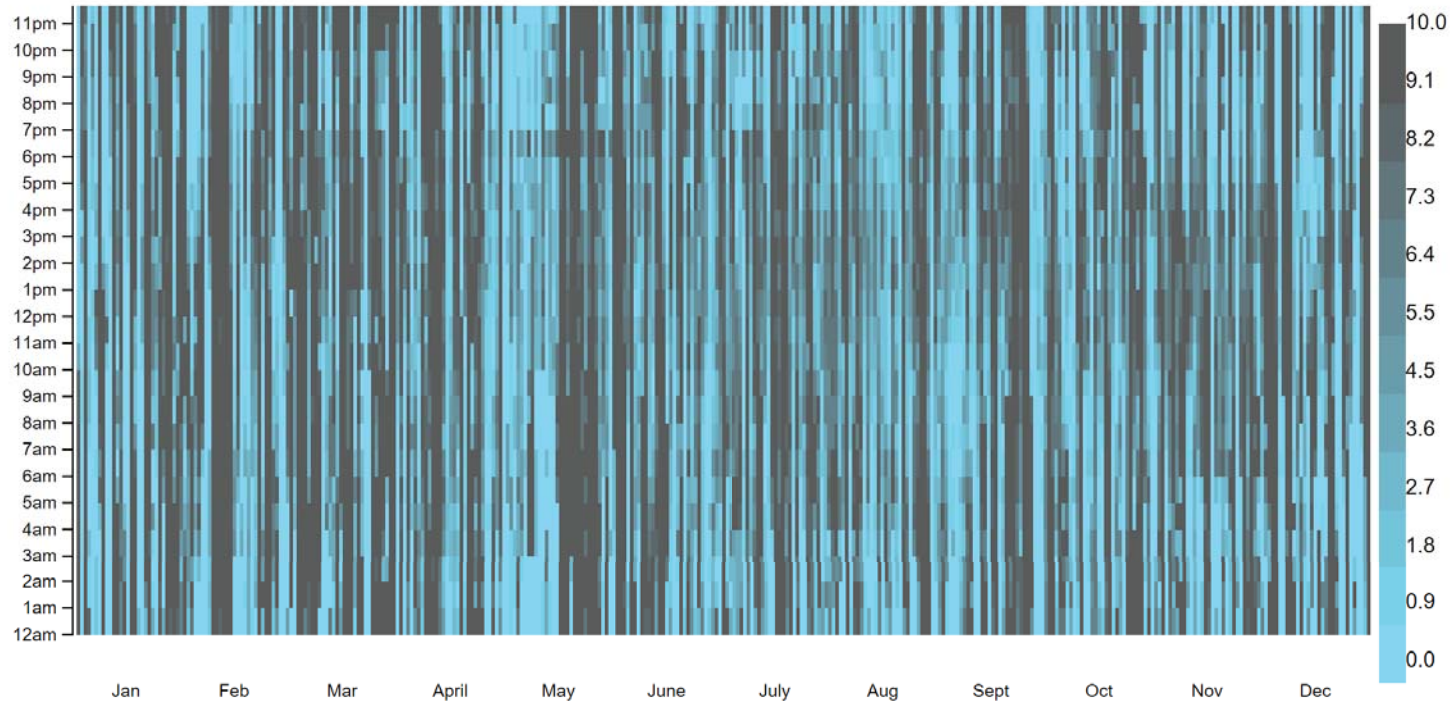
Drybulb Temperature Floodplot

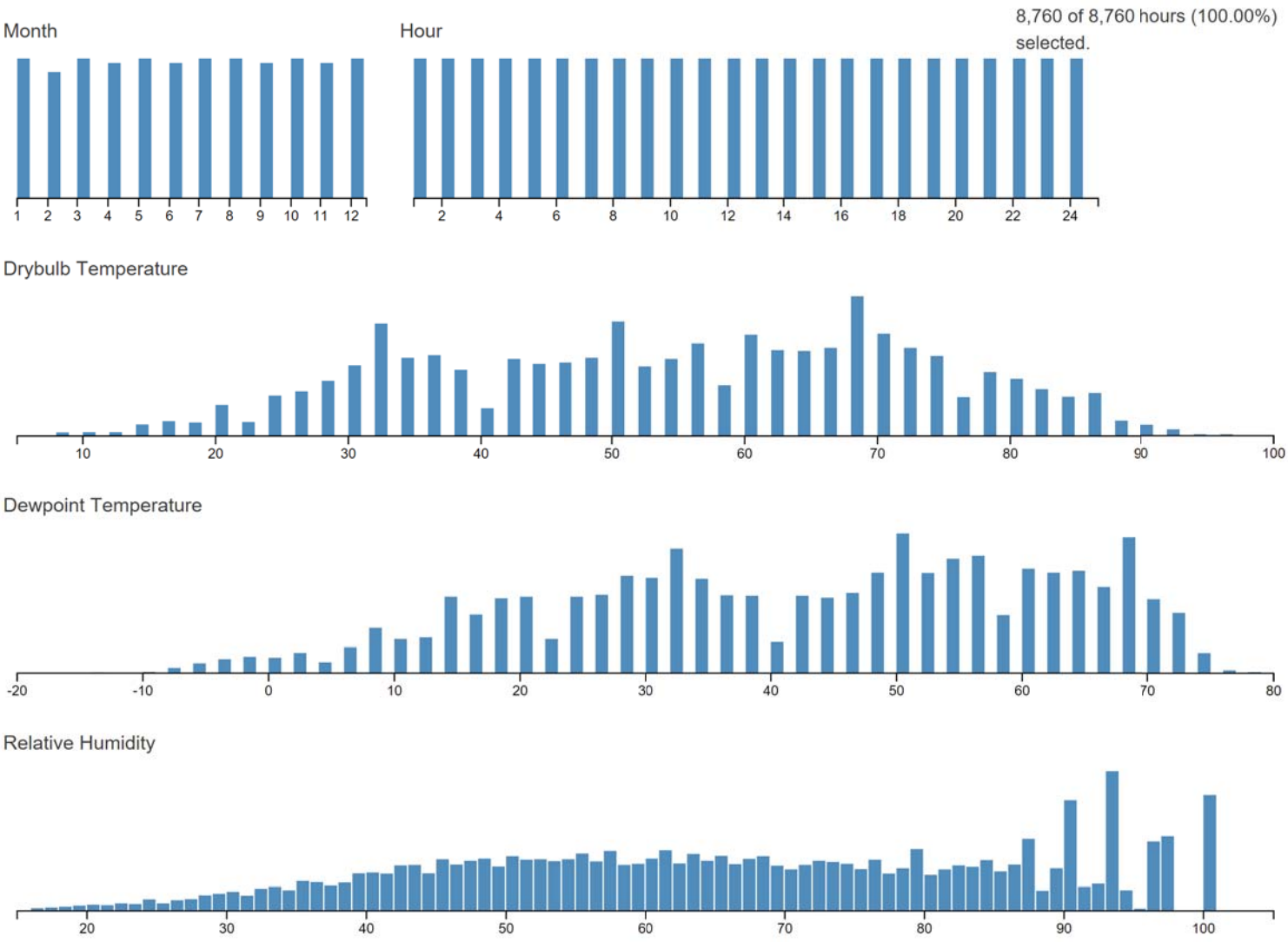


Cloud Cover Floodplot



Value Filter

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



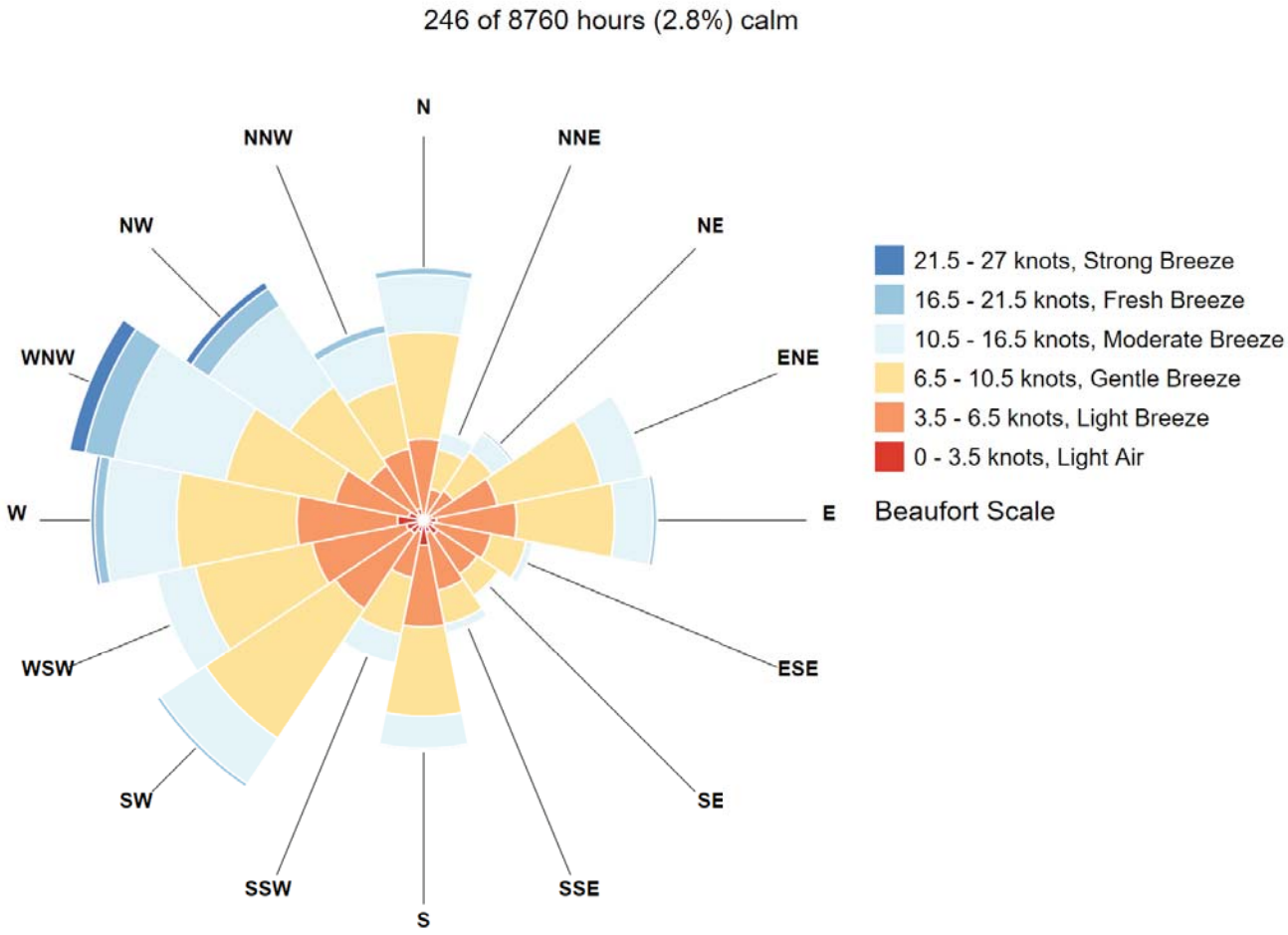
Three Passive Interior Design Strategies:

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)

Wind Rose



Three Passive Exterior Design Strategies:

1) If placed in the right location, sun shading will provide protection from heat radiation and direct sun light. This could be a constructed shade or trees.

2) Selecting materials that reflect the sun less will cut down on radiant heat, which will make the space more comfortable in the summer. In the winter, the radiant heat may be appreciated though.

3) Placing seating in a shaded location will provide protection during the summer, while placing seating in a non-shaded area will provide a warm(er) place to sit in the summer.