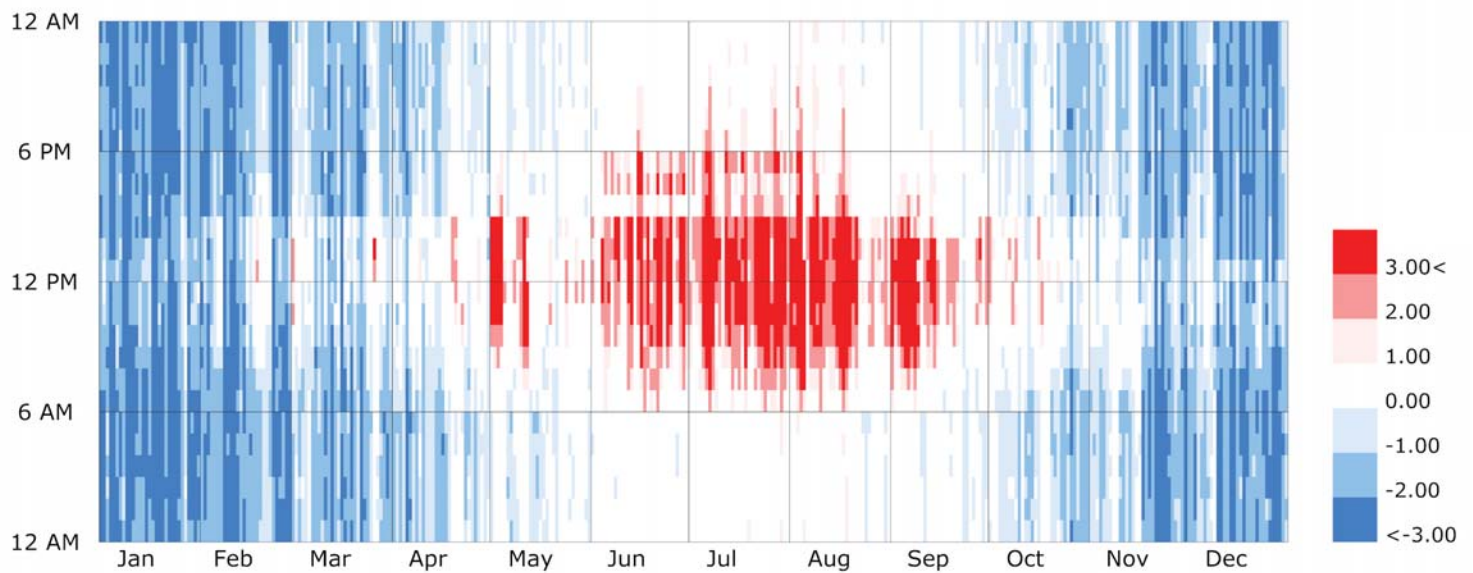


1 // No Added Geometry



Outdoor Comfort (Hourly)

Philadelphia Intl Airport // PA, USA

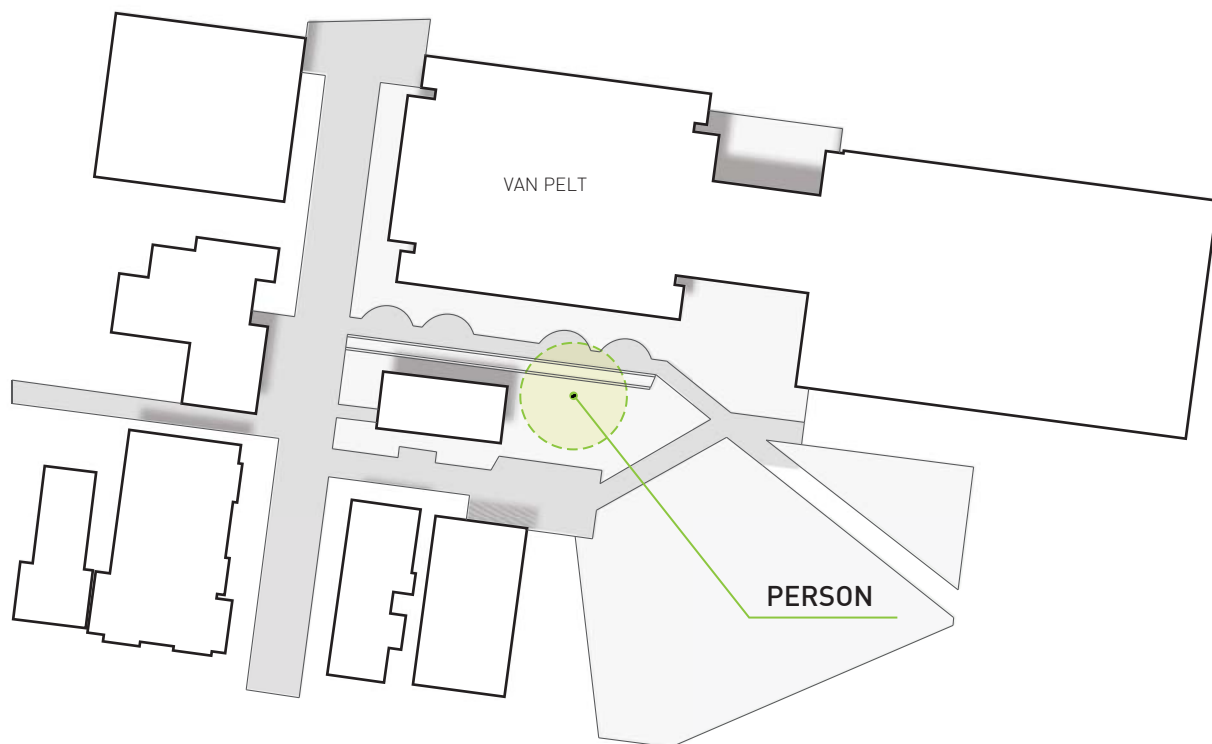
Comfortable: 39.38%

Short Pd Comfort: 19.29%

Heat Stress: 8.97%

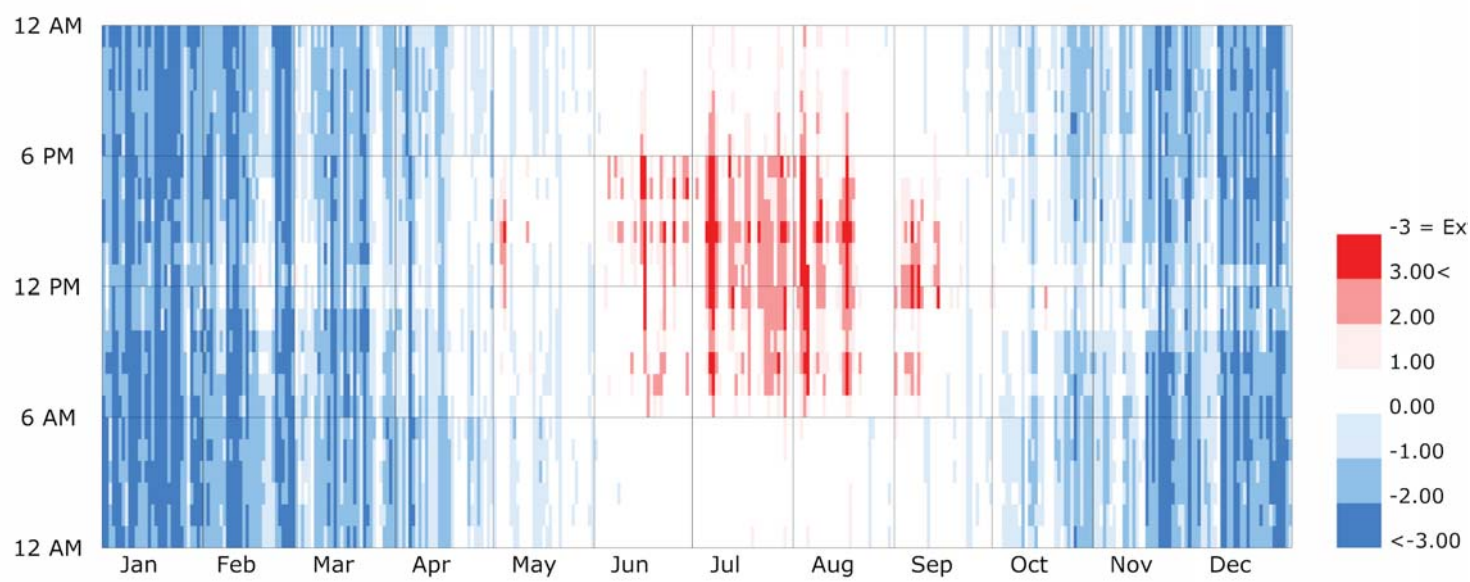
Cold Stress: 32.35%

- 3 Extreme Heat
- 2 Hot
- 1 Warm
- 0 Comfort
- 1 Cool
- 2 Cold
- 3 Extreme Cold



**With any of the design options, 100% outdoor comfort could not be achieved.
The highest percentage of comfortable hours was 42.45%, with design option 2.

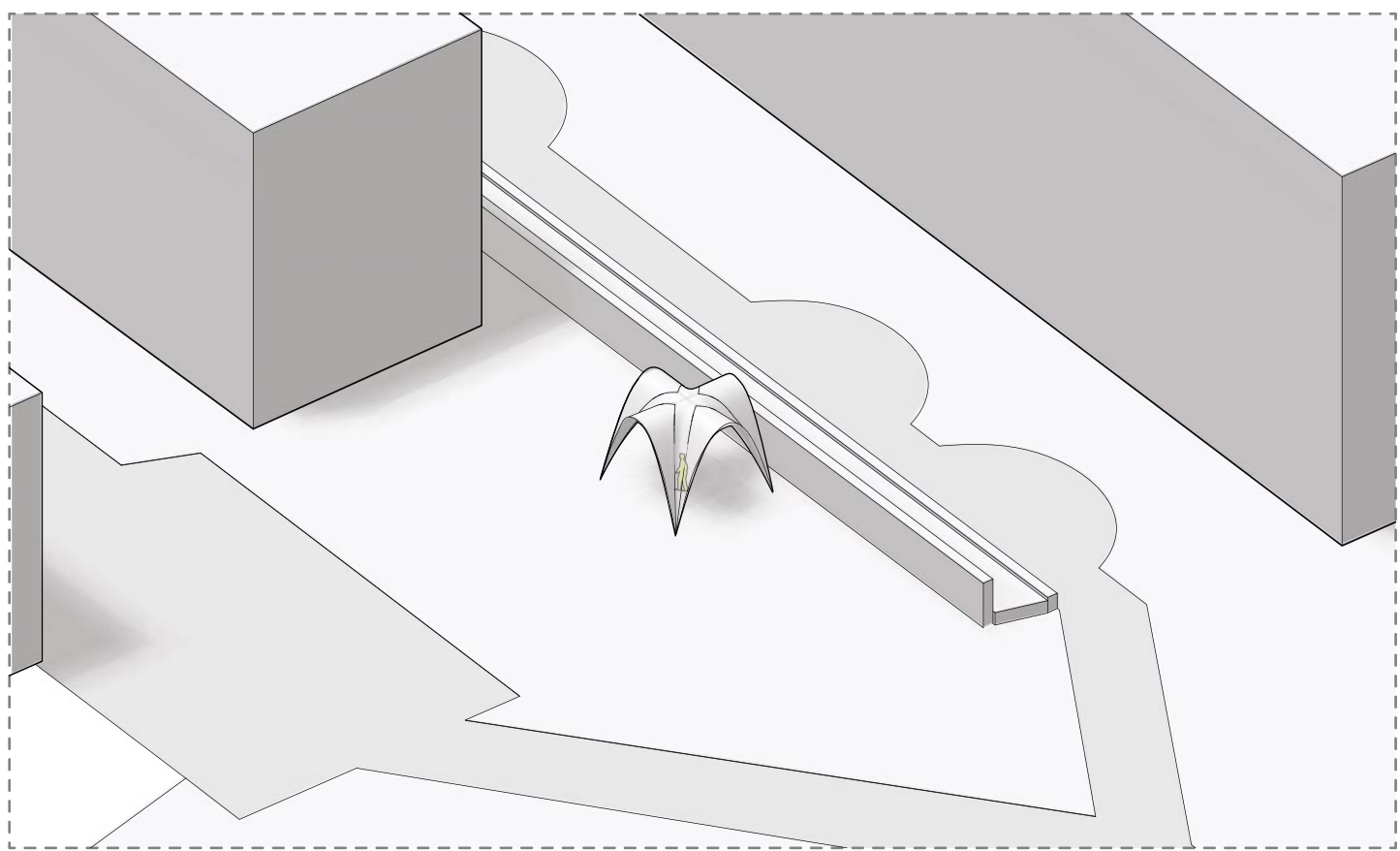
2 // Design Option 1



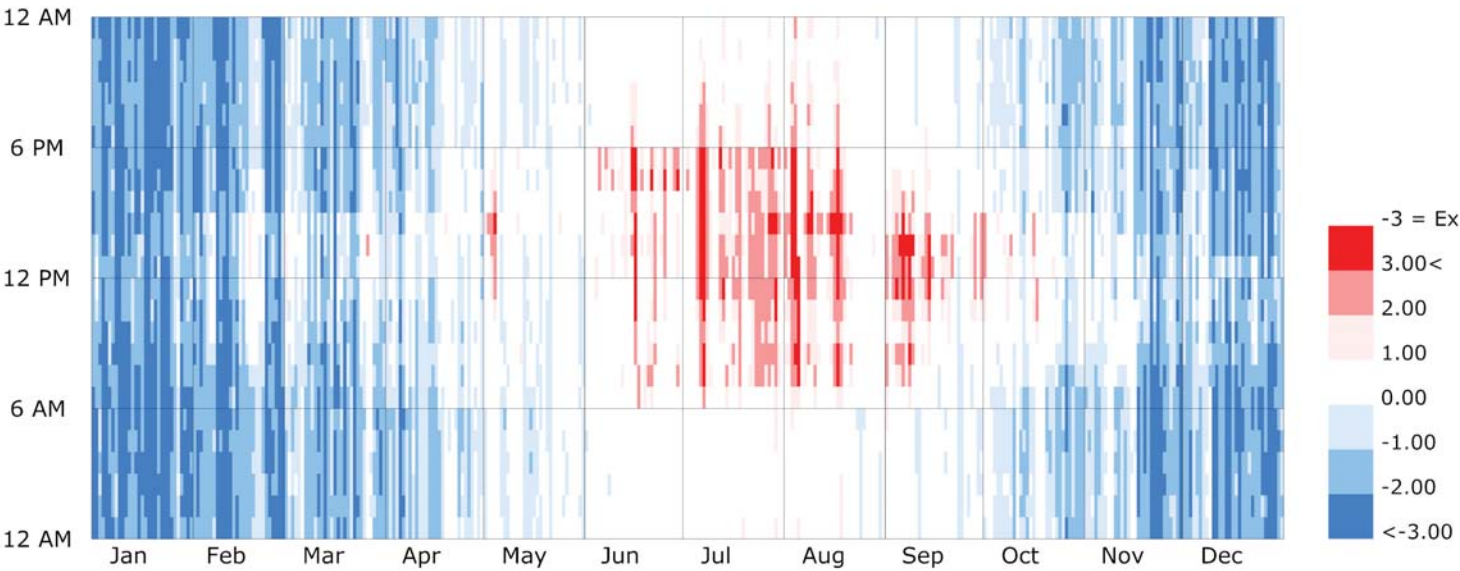
Outdoor Comfort (Hourly)
Philadelphia Intl Airport // PA, USA

Comfortable: 41.74%
Short Pd Comfort: 20.99%
Heat Stress: 4.12%
Cold Stress: 33.15%

- 3 Extreme Heat
- 2 Hot
- 1 Warm
- 0 Comfort
- 1 Cool
- 2 Cold
- 3 Extreme Cold



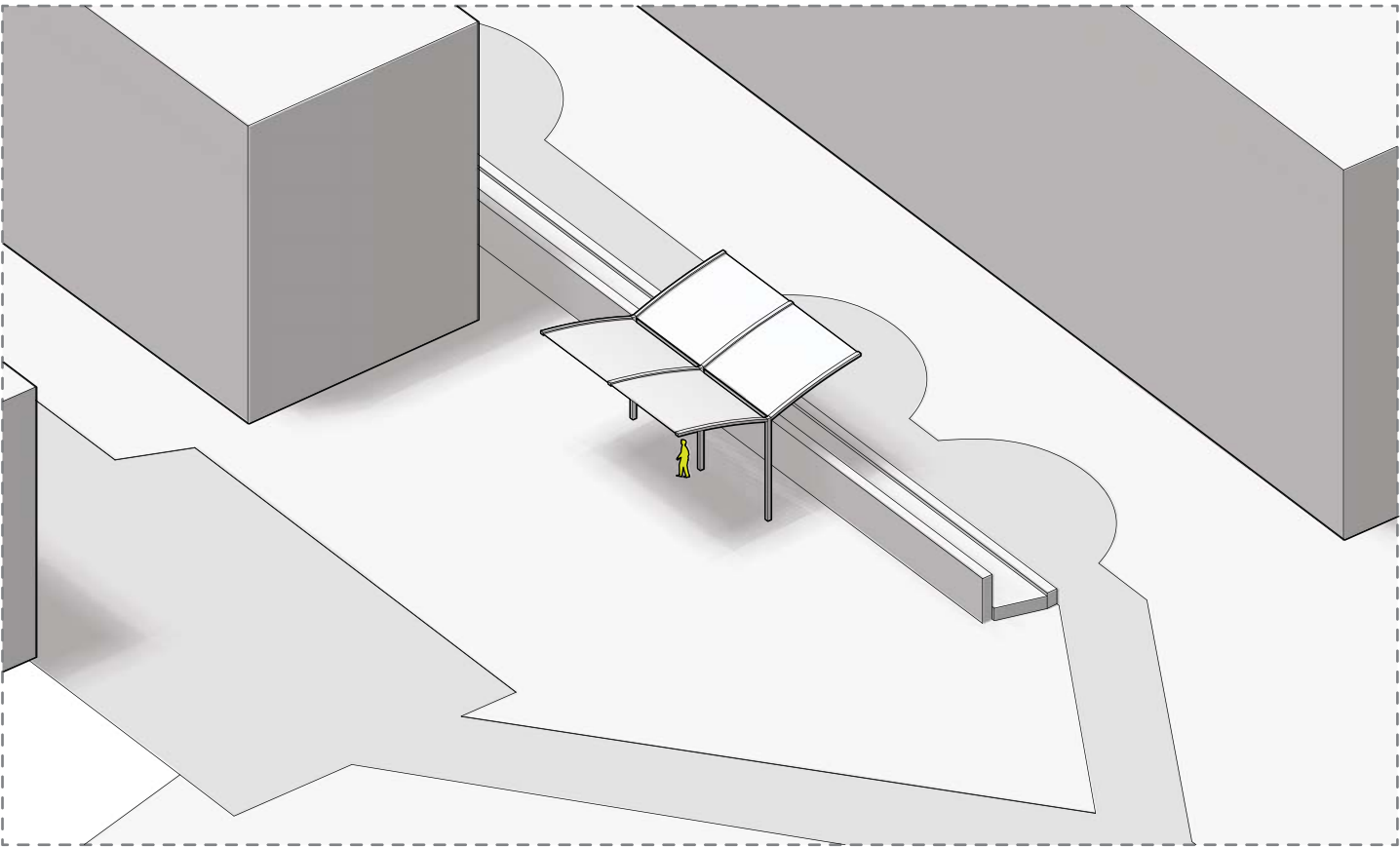
3 // Design Option 2



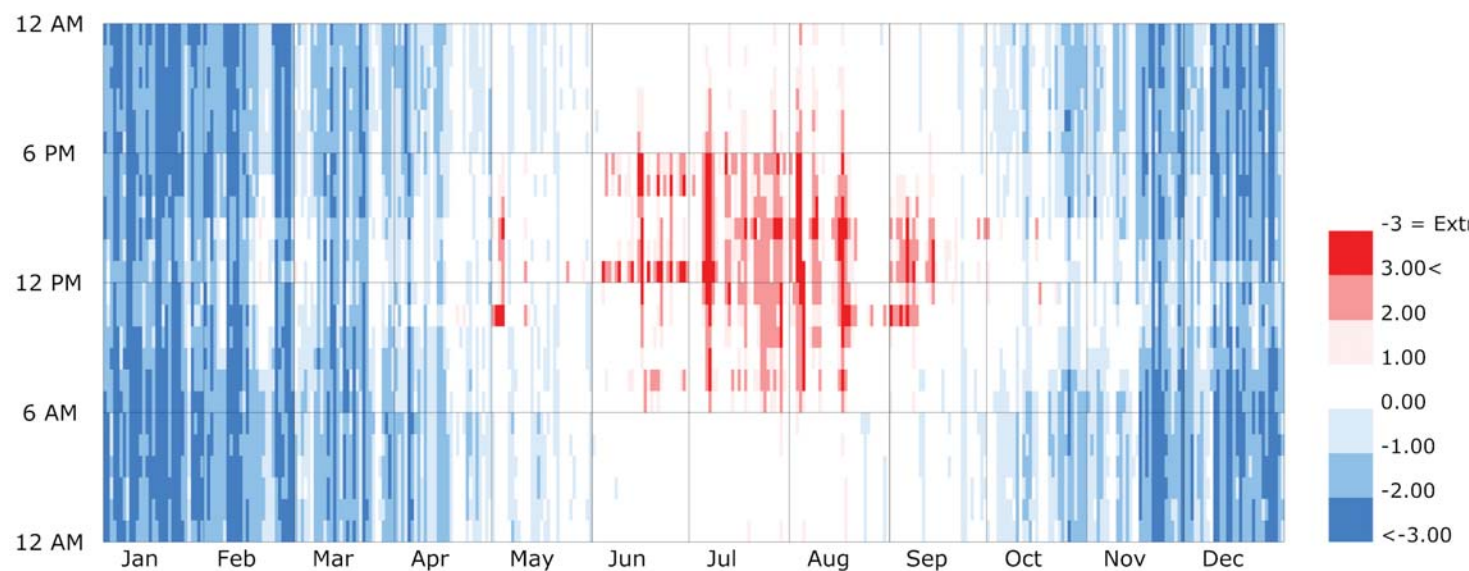
Outdoor Comfort (Hourly)
Philadelphia Intl Airport // PA, USA

Comfortable: 42.45%
Short Pd Comfort: 20.95%
Heat Stress: 4.32%
Cold Stress: 32.28%

- 3 Extreme Heat
- 2 Hot
- 1 Warm
- 0 Comfort
- 1 Cool
- 2 Cold
- 3 Extreme Cold



4 // Design Option 3



Outdoor Comfort (Hourly)
Philadelphia Intl Airport // PA, USA

Comfortable: 42.36%
Short Pd Comfort: 20.58%
Heat Stress: 4.34%
Cold Stress: 32.72%

- 3 Extreme Heat
- 2 Hot
- 1 Warm
- 0 Comfort
- 1 Cool
- 2 Cold
- 3 Extreme Cold

