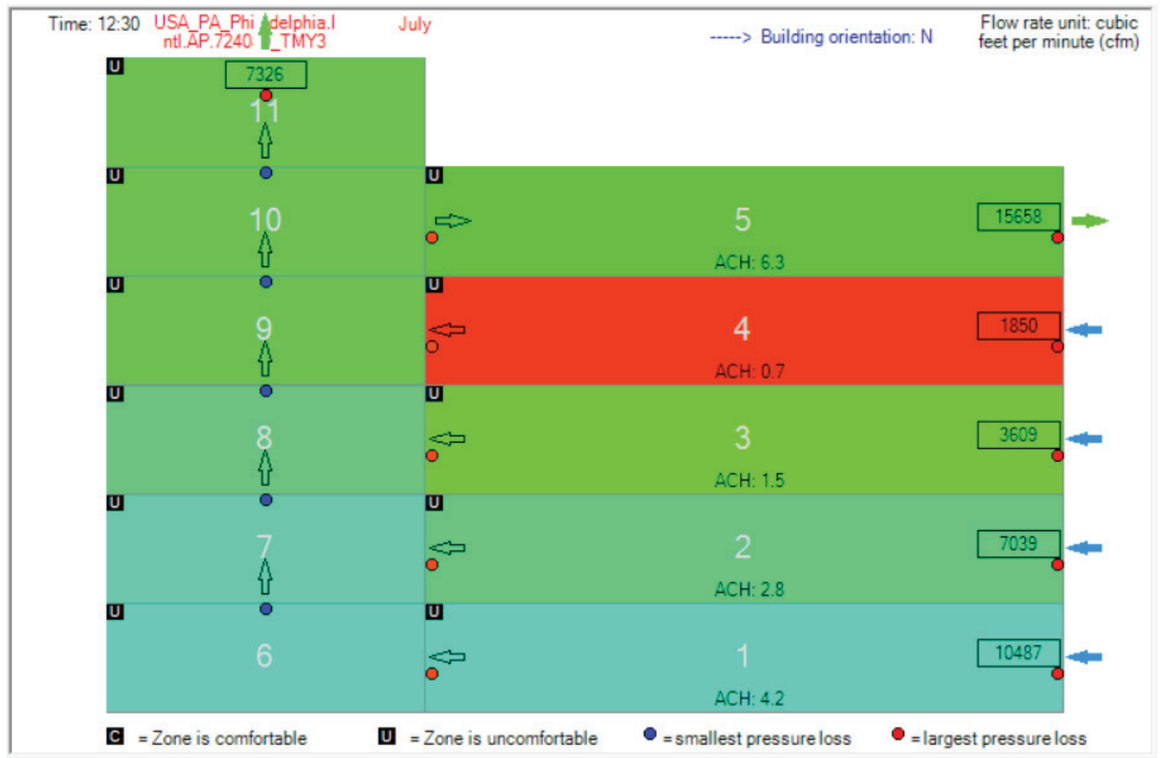


SCENARIO 1:

Ventilation Design: Chimney

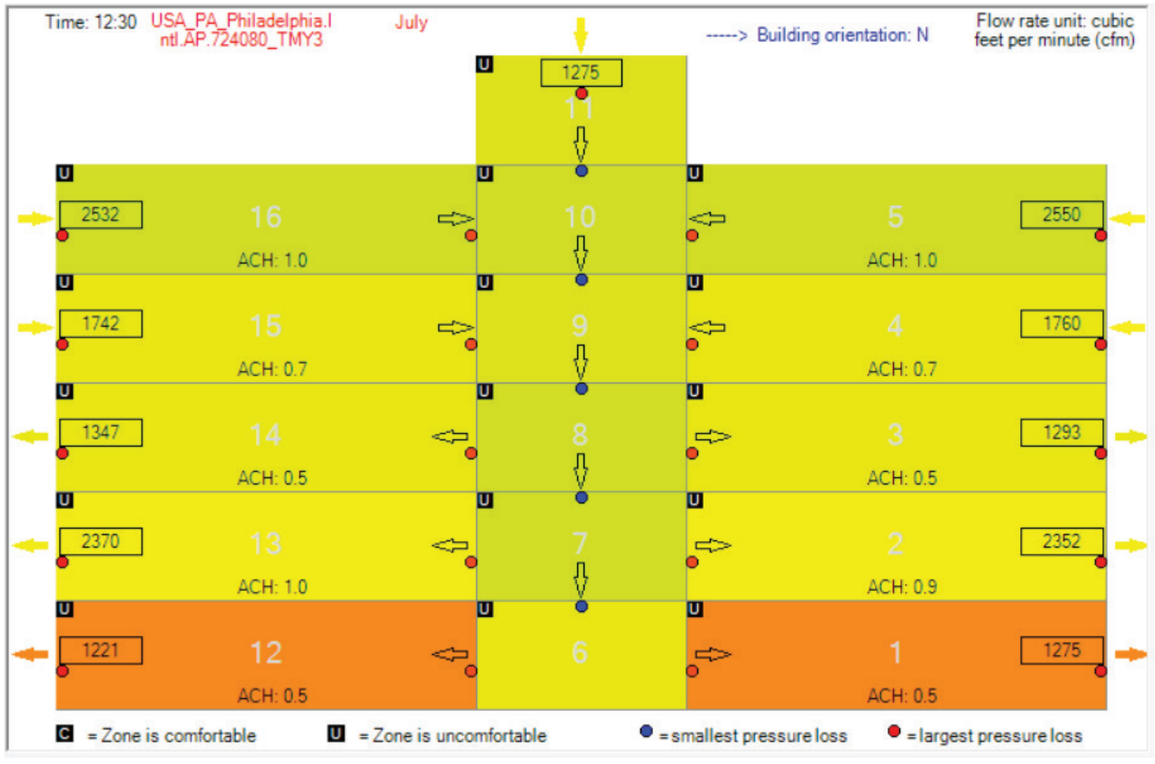
Chimney Width/Height: 30 ft. / 25 ft.

Ventilation Strategies: Close windows below 60.8° F, Turn on heating below 68° F

Thermal Slab: No

Night Cooling: No

Results: All hours of the day result in every zone being signified as 'U' for uncomfortable. Zone 4 for some reason is significantly different from every other zone for the entirety of the day. This scenario seems to result in the best airflow, but regardless each zone is still uncomfortable.



SCENARIO 2:

Ventilation Design: Central Atrium

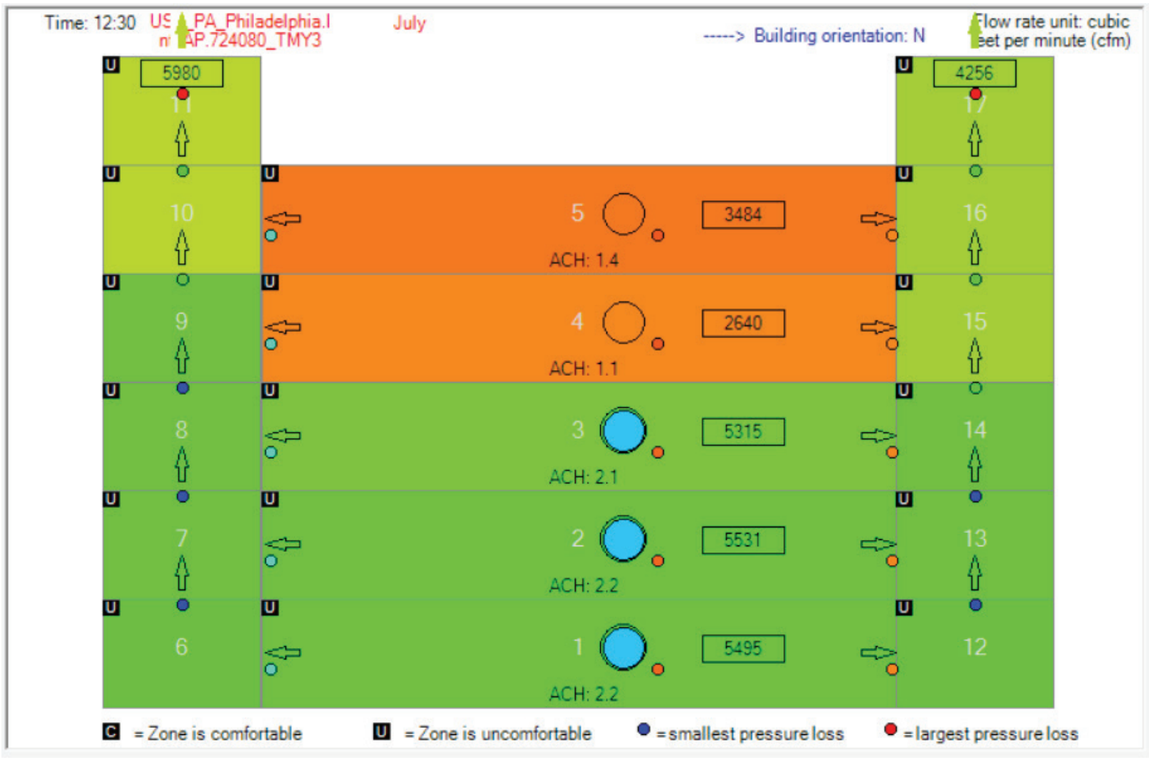
Atrium Width/Height: 30 ft. / 25 ft.

Ventilation Strategies: Close windows below 60.8° F, Turn on heating below 68° F

Thermal Slab: Yes, 6" thickness, Concrete, Exposed Floor, Suspended Ceiling

Night Cooling: No

Results: All hours of the day result in every zone being signified as 'U' for uncomfortable. The temperature of each zone is much higher than in the previous scenario. Cooling appears to be an issue here.



SCENARIO 2:

Ventilation Design: Ventilation Shaft

Ventilation Width/Height: 30 ft. / 25 ft.

Ventilation Strategies: Close windows below 60.8° F, Turn on heating below 68° F

Thermal Slab: No

Night Cooling: No

Results: All hours of the day result in every zone being signified as 'U' for uncomfortable. Airflow has increased over previous model but temperature has also increased.