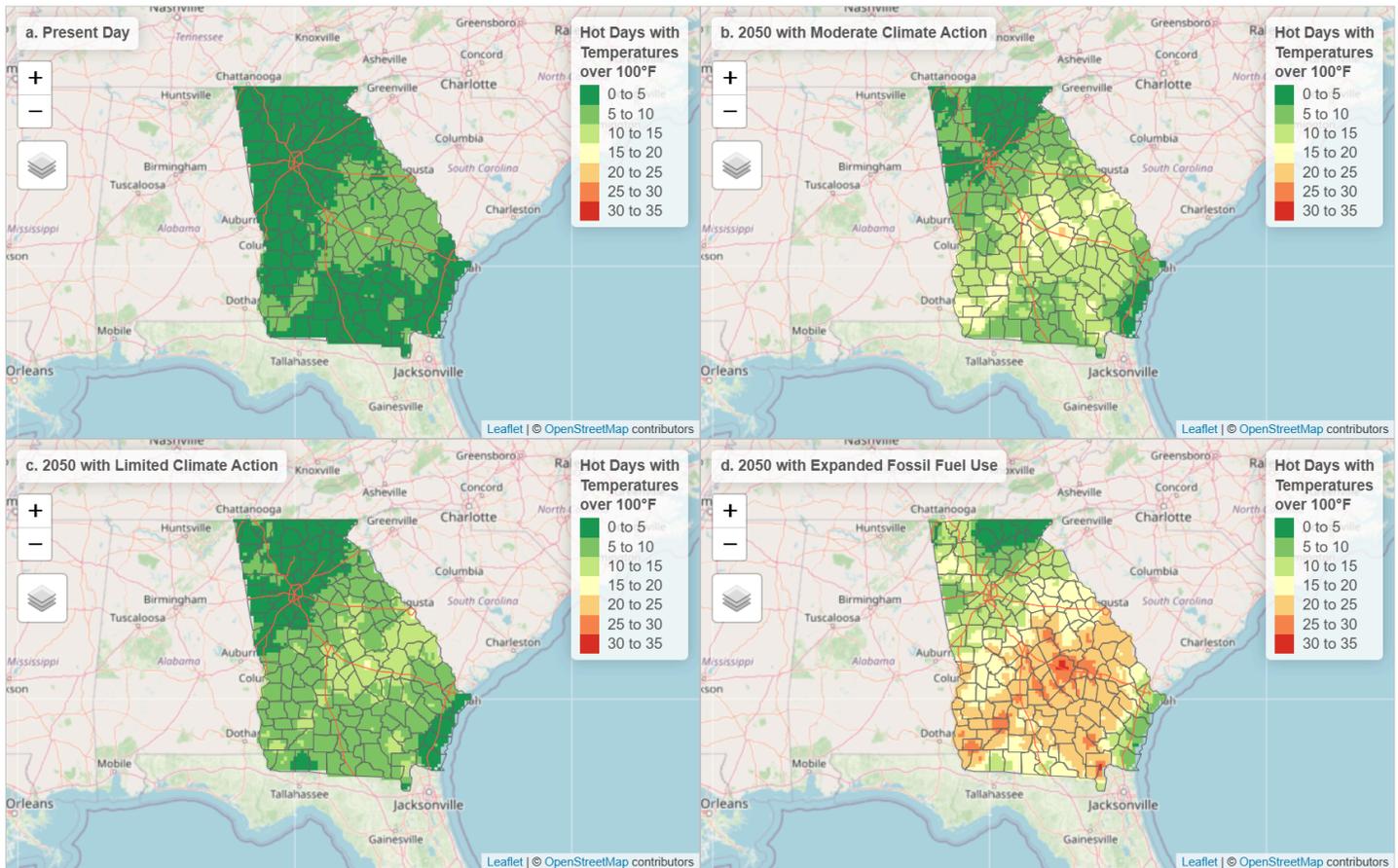


## PROJECTED NUMBER OF DAYS EACH YEAR WITH HIGHS ABOVE 100°F

Days over 100°F are an important indicator for public health, energy demand, infrastructure durability, and agricultural productivity.



The above maps compare current conditions with projected conditions in 2050 under three emissions pathways:

- Moderate climate action, a middle-of-the-road scenario considered to be the most likely trajectory given current policies and trends.
- Limited climate action, a scenario reflecting slower emissions reductions and continuing reliance on fossil fuels.
- Increased fossil fuel use and no efforts to reduce GHG emissions.

These projections are based on climate modeling and represent plausible 2050 scenarios—not guaranteed outcomes.

### What These Projections May Mean for Resilience Planning

- Higher peak electricity demand during summer
- Increased stress on roads, rail, and utility systems
- Expanded need for heat response strategies
- Greater irrigation and crop management considerations

Comparing the four maps helps us assess how extreme heat exposure could evolve by mid-century under different emissions pathways.