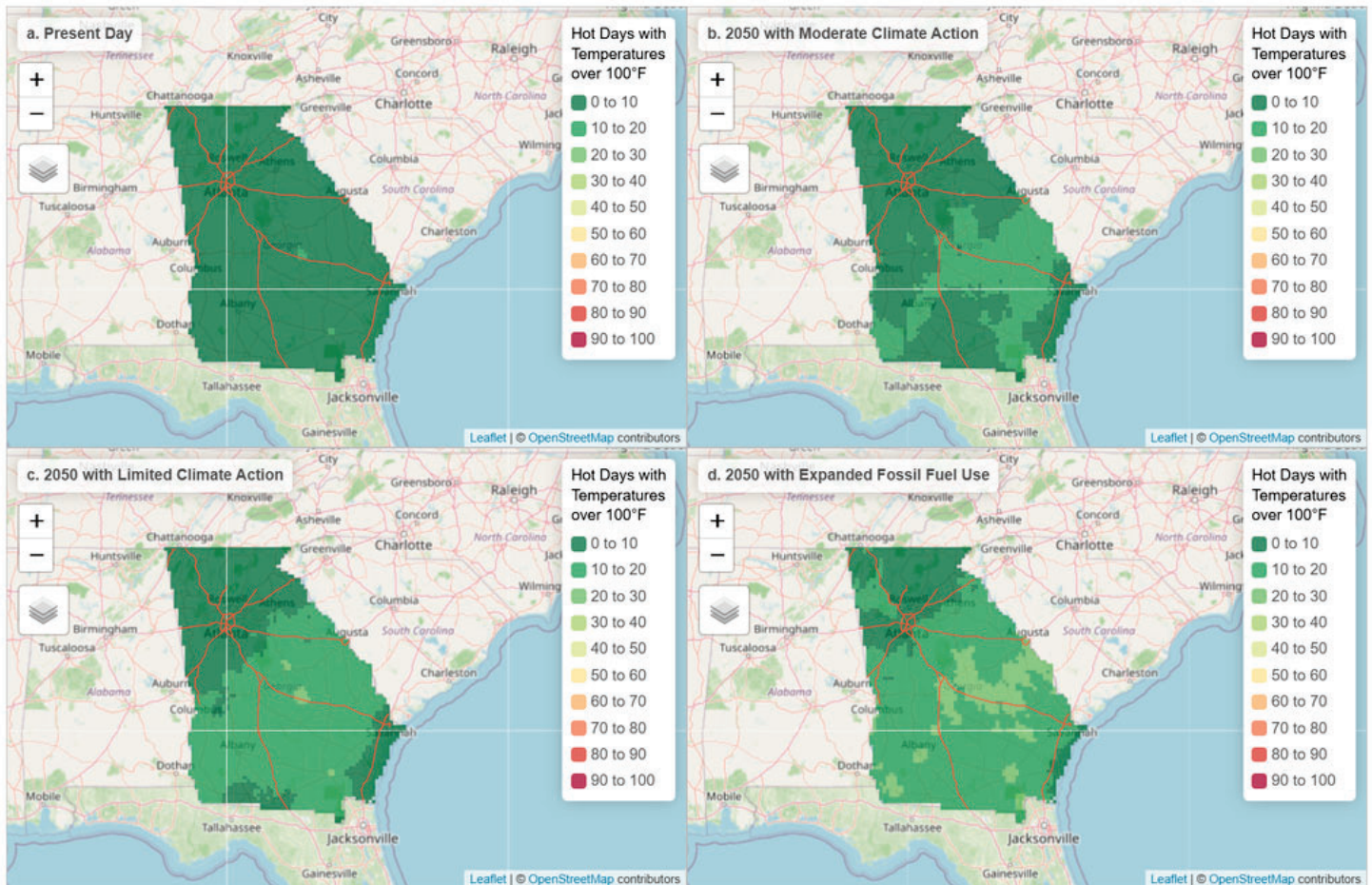




GEORGIA CLIMATE OUTLOOK MAPS

PROJECTED NUMBER OF DAYS EACH YEAR WITH HIGHS ABOVE 100°F BY 2050

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.