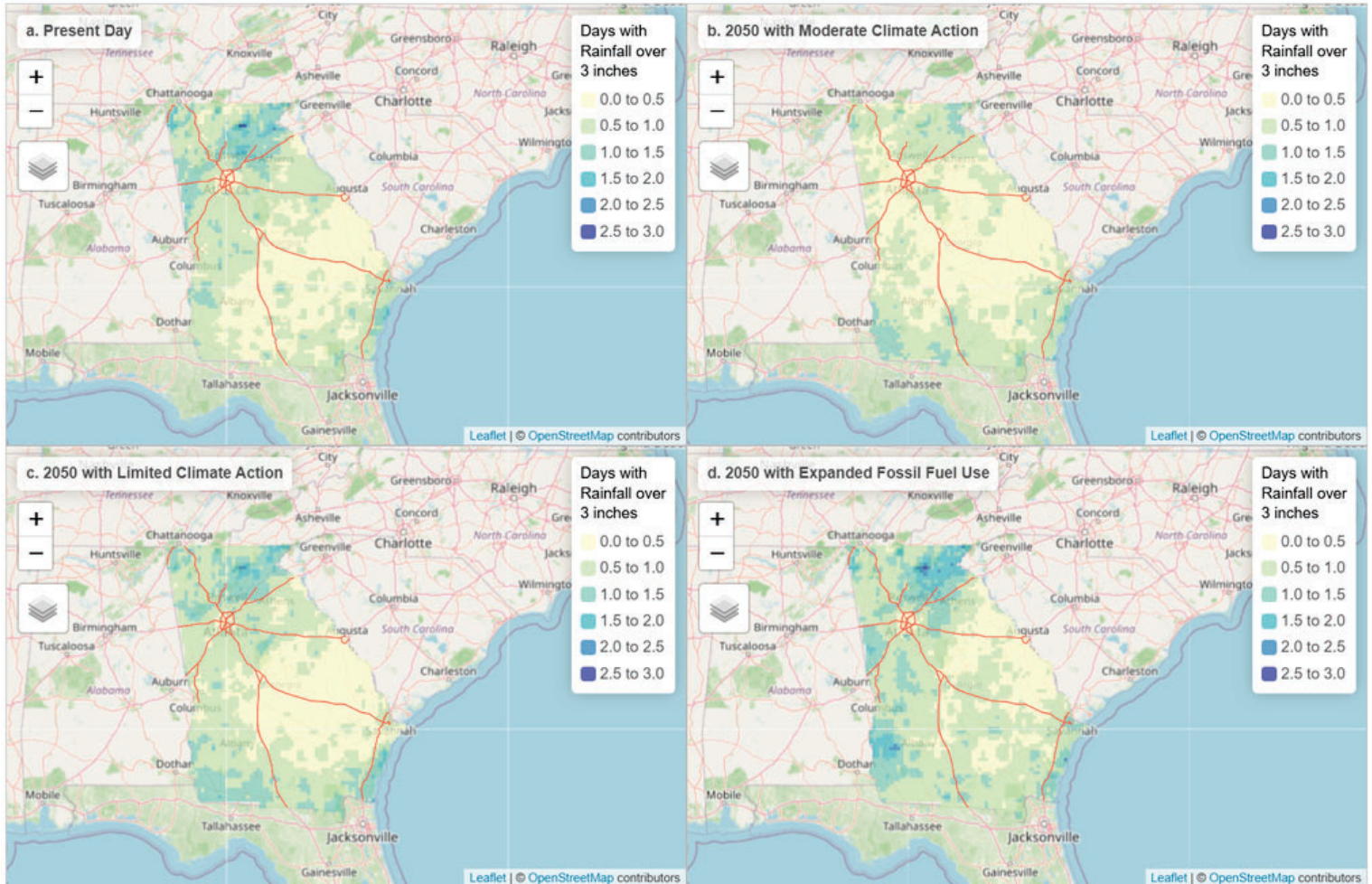




GEORGIA CLIMATE OUTLOOK MAPS

PROJECTED HEAVY RAINFALL EVENTS IN GEORGIA BY 2050

Heavy rainfall events can strain drainage systems, increase flood risk, and disrupt transportation networks.



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

- Stormwater system design and upgrades
- Floodplain management
- Road, bridge, and culvert resilience
- Emergency response coordination

This map set compares current rainfall patterns with modeled 2050 projections of days with precipitation exceeding 3 inches.

Viewing current conditions alongside 2050 scenarios can help planners evaluate whether infrastructure capacity aligns with projected rainfall trends.