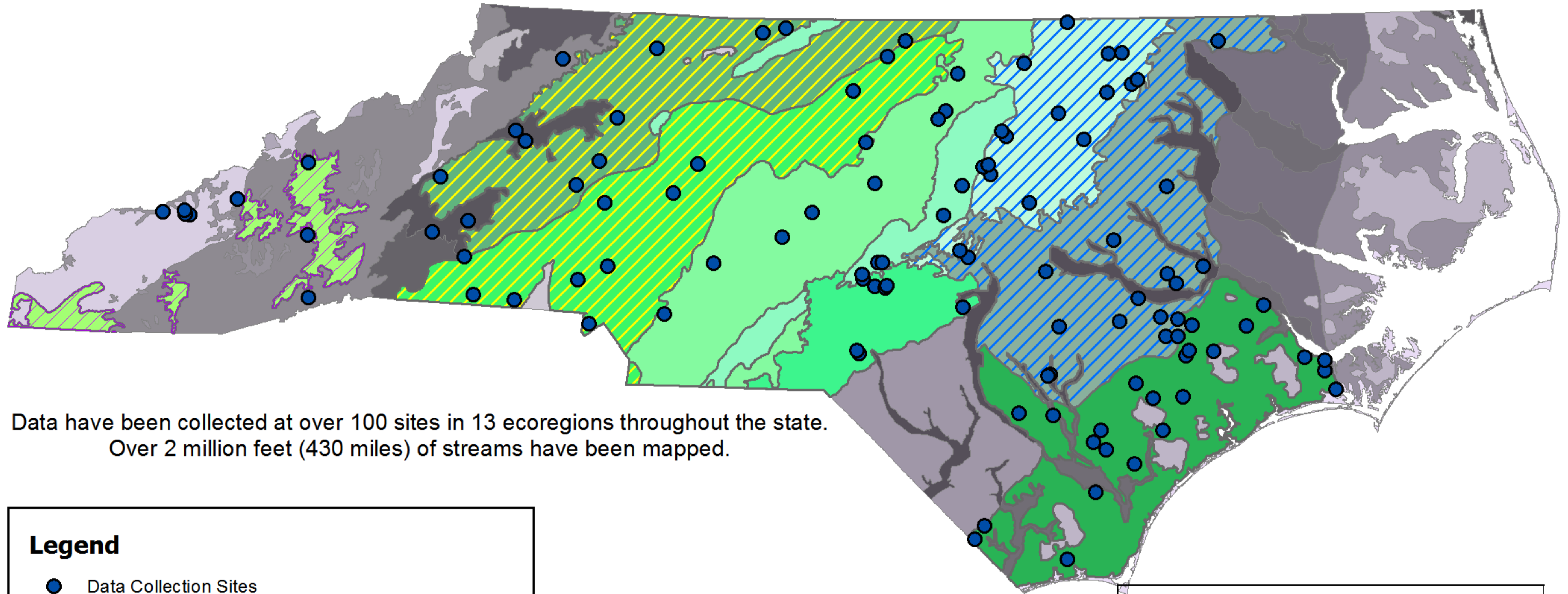# Headwater Stream Spatial Dataset (HSSD)
Modeling and Data Collection

Data have been collected at over 100 sites in 13 ecoregions throughout the state.
Over 2 million feet (430 miles) of streams have been mapped.

Legend

• Data Collection Sites

Modeled Areas

By Level 4 Ecoregion

- Broad Basins (Field work underway)
- Northern Inner Piedmont (Modeling In Progress)
- Southern Outer Piedmont (Modeling In Progress)
- Northern Outer Piedmont (Applied models available)
- Rolling Coastal Plain (Applied models avaiable)
- Carolina Flatwoods
- Carolina Slate Belt
- Sand Hills
- Triassic Basins

Accuracy of Completed Models

given as a percent of ground-truthed stream length

Ecoregion	HSSD Model	USGS
Northern Outer Piedmont	104	54
Carolina Flatwoods	129	101
Carolina Slate Belt	83	51
Rolling Coastal Plain	95	119
Sand Hills	108	152
Triassic Basin	94	45

0 12.5 25 50 75 100 Miles

North Carolina Division of Water Resources