

GEOSPATIAL MATURITY ASSESSMENT 2021

North Carolina Report Card

Overall Grade: A-

COORDINATION	GRADE: A
STATE-LED THEMES	GRADE
Address	A
Cadastre	A
Elevation	A-
Orthoimagery Leaf-Off	A
Transportation	A
FEDERAL-LED THEMES	GRADE
Geodetic Control	A-
Government Units	A
Hydrography	C
Orthoimagery Leaf-On	B

METRICS:

A - Superior

B - Above average

C - Average

D - Below average

F - Failure

N/A - Not Applicable

The National States Geographic Information Council Geospatial Maturity Assessment provides NSGIC members and other partners with a summary of geospatial initiatives, capabilities, and issues within and across state governments. The NSGIC GMA now produce report cards for each state on central data themes and coordination topics. The assessment is performed every two years.



NORTH CAROLINA GMA RESPONSE

North Carolina appreciates the opportunity to respond to the Geospatial Maturity Assessment (GMA). It provides a mechanism to determine progress, compare our state to others, and help direct future geospatial activities at a statewide level.

The Geographic Information Coordinating Council (GICC) and its broad representation of public and private sector stakeholders drives progress on all statewide geospatial activities. Coordination has been the key to progress for all the GMA themes including leaf-off orthoimagery, cadastre, elevation, and geodetic control.

Since the 2019 GMA, North Carolina invested in improving the address and governmental units themes particularly, each taking a different path. The Next Generation 911 project, funded and led by the NC 911 Board, drove the effort for a statewide, sustainable address theme. There are many diverse beneficiaries of this work in keeping with the NSGIC philosophy of “build once, use many times”. Governmental units was identified two years ago for additional work to achieve the desired statewide, authoritative dataset. The data will be assembled from local government sources to a statewide level, minimizing the reporting burden and leading to a dataset that can be shared with the federal government.

There is a coordinated planning effort among the stakeholders to define and implement a statewide, local (high) resolution, elevation derived hydrography dataset. However, North Carolina still has additional work to achieve that goal. The next steps are identifying local government requirements, evaluating adoption of the NHD/3DHP, designating a steward, and proceeding toward full implementation.

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