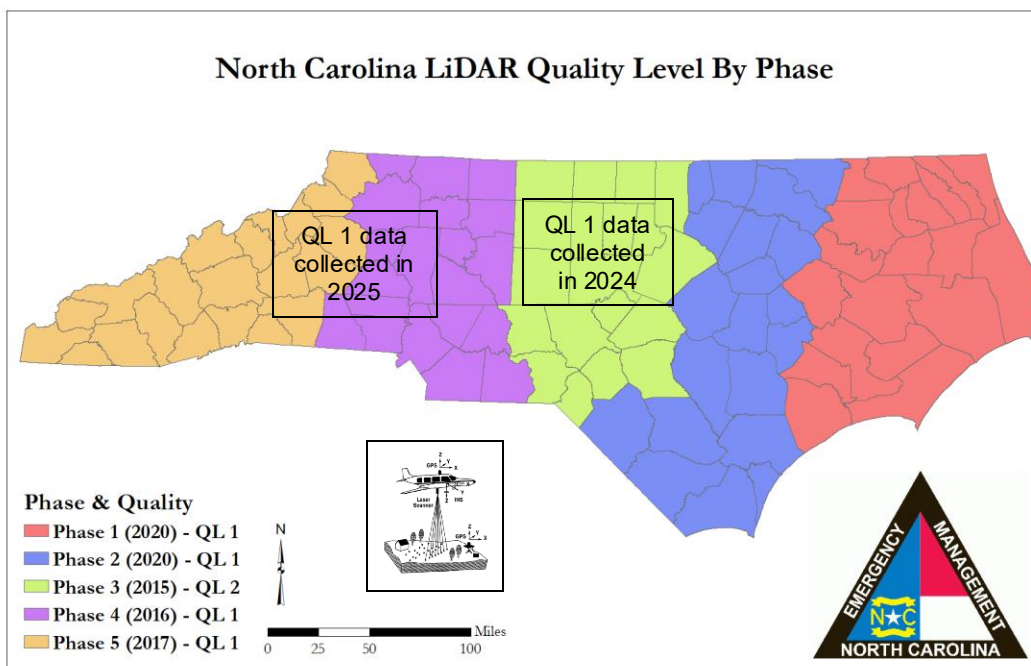




NC Light Detection and Ranging (LiDAR) Elevation Data

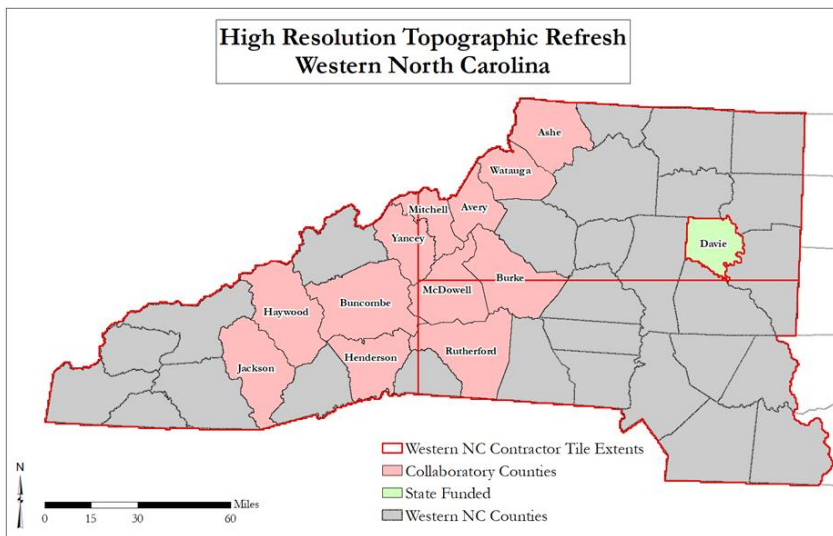


NAD83(2011), NAVD88, and US Survey Foot was used to collect new LiDAR data in Phases 3, 4, 5

QL = Quality
Level



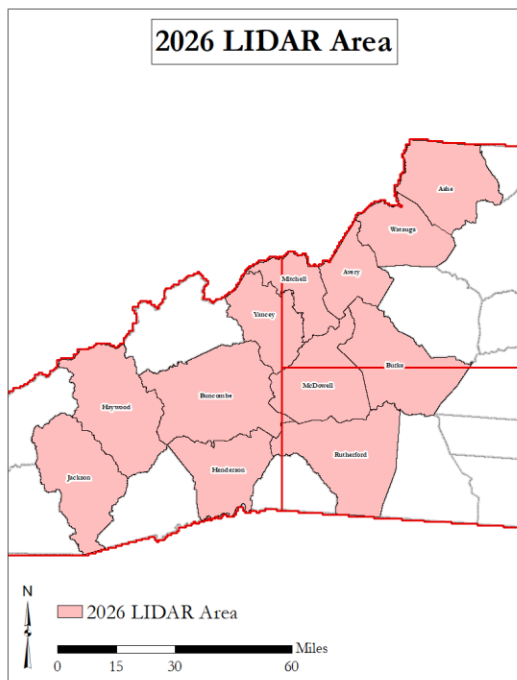
2025 Data Collection Area

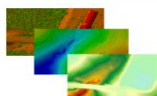


- Data currently available
 - Aerial imagery (Collaboratory counties only + Alexander County)
 - LiDAR (Collaboratory counties)
 - Buncombe
 - Jackson
 - LiDAR for the remaining western NC counties will be available in early 2026



2026 Data Collection Area





Elevation Data

LiDAR points/data in LAS format ([login required](#))

Digital Elevation Models by tiles ([login required](#))

DEM Mosaics by County [3, 125, 5, 10, 20, 50](#) foot cell size



Building Footprints

[2010 Statewide Building Footprint Polygons by county](#)

[2020-2022 Statewide Building Footprint Polygons by county](#)



Flood Hazards

[Download Floodplain Mapping Program's GIS data by County](#)

[Learn more about North Carolina's Lidar program and available datasets](#)
[NCEM's publicly available REST and Map services and other GIS data sources](#)

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Download Links
[QL1/QL2 LiDAR Metadata](#)
[QL1/QL2 Tile Layout](#)

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