

NC OneMap Implementation: Initial Data Layers to Serve

Framework Layers	Description
Orthophotography	Large-scale scanned and rectified aerial photographs
Cadastral	County-based private and public property boundaries
Roads	Centerlines of right-of-ways
Municipal Boundaries	City/town boundaries
County Boundaries	County borders
ETJs	Extra-territorial jurisdictions – areas not in a municipality, but under authority of the city or town
Surface Waters	Locations and names of streams, rivers, lakes, ponds, etc.
Geodetic Control	Horizontal and vertical survey control locations
Elevation	Ground elevations (depicted as contours, X/Y/Z points, elevation models, TINs?)
Other Important Layers	Description
Land Use	Cadastral-based land use
Land Cover	Statewide land cover - 1996
Flood Zones	Areas inundated by flood waters (1% annual chance, .2% annual chance, flood ways)
Soils	Soil Survey Geographic (SSURGO) database produced by US Dept. of Agriculture, Natural Resources Conservation Service
Public Lands	Non-taxable lands maintained in county cadastral databases
Railroads	Locations of railroad lines
Airports	Point locations of airports and airfields
Schools	Point locations of public and non-public grade schools
Colleges/Universities	Point locations of state universities and private colleges and universities
Hospitals	Point locations of hospitals
Storm Surge Inundation	Estimated coastal areas inundated by hurricane storm surge
Surface Water Intakes	Point locations where communities draw raw water from a lake, river, or stream, treat it, and distribute treated water to customers
NPDES	National Pollutant Discharge Elimination System - locations of individually permitted wastewater discharged into surface waters
Police Stations	Point locations of police stations
Fire Stations	Point locations of fire stations
Landfills	Point locations of municipal/county landfills
Watersheds	Water supply watersheds
Wetlands	Wetlands areas from the US Fish and

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	Wildlife Service, National Wetlands Inventory
Hazardous Disposal Sites	Areas identifying locations of uncontrolled and unregulated, hazardous waste sites (formerly called superfund sites).
Building Footprints	Perimeter outlines of buildings
Future Land Use	Cadastral-based
Water Lines	Water pipe distribution network
Sewer Lines	Sanitary sewer pipe network
NC House Districts	Boundaries of NC House Districts
NC Senate Districts	Boundaries of NC Senate Districts
US Congressional Districts	Boundaries of US Congressional Districts
Demographics	2000 US Census Bureau data for blocks and blockgroups
Geographic Names	US Geological Survey official names for physical and cultural geographic features