

Data Layer Name	Description	Source Agency
Air Quality Pollution Discharge Points	Locations of air pollution sources including manufacturing facilities, power plants, food storage facilities, and heating plants.	DENR-Air Quality
Airport Boundaries	Airport Boundaries - Generated from the County Maps design files, Level 55	DOT-Aviation
Airports	Point locations derived from FAA and state files.	DENR-CGIA
Ambient Water Quality Monitoring Sites	Locations of data collection sites where water quality is routinely sampled.	DENR-Water Quality
Anadromous Fish Spawning Areas	The extent of spawning areas for fish that swim upstream to spawn.	DENR-Marine Fisheries
Animal Operation Permits	Define the location of animal operation permits throughout the state.	DENR-Water Quality
Artificial Marine Reefs	Features representing man-made ridges of rocks or other materials at or near the surface of the water.	DENR-Marine Fisheries
Beach and Waterfront Public Access Sites	The Division of Coastal Management provides financial support to coastal communities that wish to provide public beach access to waterfront areas.	DENR-Coastal Management
Benthic Monitoring Results	Locations where benthic macroinvertebrate monitoring has occurred to enhance water quality assessment and plan review of Trust Fund project applications. The file enables users to review the rating of water quality for each sampling site based on the monit	DENR-Water Quality
Boundaries - County 1:24,000 (NCDOT - P&A)		DOT
Boundaries - County with Shoreline 1:24,000 (NCDOT - P&A)		DOT
Boundaries - Urban Major / Minor		
Bridge Locations		DOT-Bridge Maintenance
Brownfields Program (BFP) Facilities	Locations of facilities that have or could have had releases of petroleum products into the surrounding land	DENR-Waste Management
Building Footprints for State-Owned Buildings		DOA-State Property Office
Census Block Group, 2000	Using TIGER/line 2000 files and statistics from the US Department of Commerce/Bureau of the Census, CGIA developed the GIS 2000 Census Block Group data sets for each of the 100 counties in North Carolina.	DENR-CGIA
Census Block, 2000		DENR-CGIA
Census Boundaries/Population, 1970	Boundaries for the 1970 Decennial Census containing total population and housing counts.	DENR-CGIA

Data Layer Name	Description	Source Agency
Census Boundaries/Population, 1980	Boundaries for the 1980 Decennial Census containing total population and housing counts.	DENR-CGIA
Census Environmental Justice, 2000		DENR-CGIA
Census Summary Tape File 1B, 1990		DENR-CGIA
Census TIGER/Line Files 1990		DENR-CGIA
Census Tract, 2000	Using TIGER/line 2000 files and statistics from the US Department of Commerce/Bureau of the Census, CGIA developed the GIS 2000 Census Tracts data sets for each of the 100 counties in North Carolina.	DENR-CGIA
Closed Shellfish Harvesting Areas	Areas where shellfish harvesting is prohibited by law.	DENR-Marine Fisheries
Coastal Area Management Act (CAMA) Major Development Permits	Location of major development permits authorized by the Division of Coastal Management through the Coastal Area Management Act (CAMA). These permits are required for all land development or land-disturbing activities within designated areas of environment	DENR-Coastal Management
Coastal Marinas	Locations that provide secure moorings for sailboats, motorboats, and yachts.	DENR-Environmental Health
Coastal Reserves	State-owned, Coastal Reserve research areas that are completely protected to provide scientists and students with the opportunity to examine ecological relationships within the area over time.	DENR-Coastal Management
Community College Locations	Point locations of NC Community Colleges generated from an address listing on the NC Community College System website.	DENR-CGIA
Conditionally Approved Shellfish Harvesting Areas	Areas which are conditionally approved open or closed for shellfish harvesting due to significant rainfall events.	DENR-Marine Fisheries
Conditionally Approved Shellfish Harvesting Areas	Areas which are conditionally approved open or closed for shellfish harvesting due to significant rainfall events.	DENR-Marine Fisheries
Conservation Easements, US Fish and Wildlife Service	This file represents the boundaries of conservation easements for US Fish and Wildlife Service properties.	DENR-CGIA, US Fish and Wildlife Service
Conservation Tax Credit Properties	Property boundaries of properties donated to the state in return for a tax credit.	DENR-CGIA, DENR-Conservation Tax Credit Program
County Seats	seats of county government	DENR-CGIA
Dedicated and Registered Areas (Authorized Use)	The Natural Heritage Program developed the Dedicated/Registered Areas digital data to document properties which are either Dedicated Nature Preserve or Registered Heritage Areas.	DENR-Natural Heritage Program
Designated Critical Habitat for Threatened and Endangered Species		USFWS

Data Layer Name	Description	Source Agency
Designated Historic Properties and Districts (National Register, Study List, Determined Eligible and Locally Designated)	Build upon the four existing Historic Districts and Structures data layers to add 4,000 properties and districts that were either not mapped or that have been added to historic designations roster since 2000	DCR-State Historic Preservation Office
Digital Aerial Imagery (Orthophotography)	A digital image of an aerial photograph in which displacements caused by the camera and the terrain have been removed. Images are used as a foundation data layer for countywide mapping of parcels and other geographic features.	DENR-CGIA, NC Counties
Digital Orthophoto Quarter Quadrangles (DOQQ) - 1993 Black and White	A digital image of an aerial photograph in which displacements caused by the camera and the terrain have been removed. Each image represents 1/4 of a standard USGS 7.5 minute quadrangle map extent.	DENR-CGIA
Digital Orthophoto Quarter Quadrangles (DOQQ) - 1998 Color Infrared	A digital image of an aerial photograph in which displacements caused by the camera and the terrain have been removed. Each image represents 1/4 of a standard USGS 7.5 minute quadrangle map extent.	DENR-CGIA
Digital Raster Graphics (1:24,000)	Digital Raster Graphics (DRGs) are scanned color images of USGS topographic maps. The images and collars are available. The image inside the map neatline is georeferenced to the surface of the Earth.	USGS
Discharger Coalition Monitoring Sites	Point locations of sample sites where water quality is routinely sampled by one of a number of coalitions for their member discharger sites. Each member is a permitted National Pollutant Discharge Elimination System discharger.	DENR-Water Quality
Ecosystem Enhancement Program (EEP) Local Watershed Plans, 2004	Watersheds (14-digit hydrologic units) with a local watershed plan identified by EEP.	EEP
Ecosystem Enhancement Program (EEP) Targeted Local Watersheds, 2004	Watersheds (14-digit hydrologic units) identified by EEP as targets for wetland restoration and planning.	EEP
Emergency Evacuation Routes		DENR-CGIA
Emergency Operation Centers	Point locations of Emergency Operation Centers developed by the NC Dept. of Agriculture from an address listing provided by CCPS-Division of Emergency Management.	DENR-CGIA
Emergency Shelters, Potential	Point locations of public schools, armories, and arenas that have the potential to serve as emergency shelters. Designation of shelters for actual events depends on the emergency and location of impacts.	DENR-CGIA
Essential Fish Habitats		
Federal Land Ownership	The boundaries of land in North Carolina owned and managed by the United States government.	DENR-CGIA, USGS

Data Layer Name	Description	Source Agency
Fish Community Sampling Sites	Locations of monitoring points where the fish community was sampled to enhance water quality assessment and plan review of Trust Fund project applications. The file contains point locations where fish community sampling has been performed.	DENR-Water Quality
Fisheries Nursery Areas	Primary, secondary, and special secondary nursery areas where the initial post-larval and juvenile development of young finfish and crustaceans occurs. Nursery areas are located in the uppermost reaches of the estuaries.	DENR-Marine Fisheries
Game Lands - Wildlife Resources Commission	All publicly owned game lands managed by the NC Wildlife Resources Commission and as listed in "Hunting and Fishing Maps for North Carolina Game Lands 2003-2004".	WRC
Geodetic Control Points	Horizontal and vertical survey control locations as fixed by the NC Geodetic Survey. Horizontal control markers based on North American Datum 1983 geodetic network and used as a base for mapping.	DENR-Land Resources
Geology - North Carolina (1:250,000) Dikes	The official geologic map of North Carolina (1985) as published by the NC Geological Survey and the US Geological Survey. This information consists of three datasets: geologic formations, dikes, and faults.	DENR-Land Resources
Geology - North Carolina (1:250,000) Faults	The official geologic map of North Carolina (1985) as published by the NC Geological Survey and the US Geological Survey. This information consists of three datasets: geologic formations, dikes, and faults.	DENR-Land Resources
Geology - North Carolina (1:250,000) Formations	The official geologic map of North Carolina (1985) as published by the NC Geological Survey and the US Geological Survey. This information consists of three datasets: geologic formations, dikes, and faults.	DENR-Land Resources
Groundwater Incidents, unverified	Data from the PERF database (DENR, DWQ- Groundwater Section). Mostly leaking underground storage tanks.	DENR-Water Quality
Groundwater Recharge/Discharge	Areas where groundwater continually feeds into streams during dry periods; predominantly marshes and high aquifers.	DENR-Water Quality
High Quality Water and Outstanding Resource Water Management Zones	Waters identified as having excellent water quality in association with an outstanding resource. Point and non-point source pollution management strategies are applicable to these waters.	DENR-Water Quality
Hospital Locations	Hospital locations are identified using points and include the facilities contact information.	DHHS-Ctr. for Health Statistics
Hurricane Evacuation Routes	These routes, covering coastal North Carolina east of Raleigh, are safe hurricane evacuation routes inland from the coast. Routes were identified from the "Technical Data Report of the Eastern North Carolina Hurricane Evacuation Study - 1987".	DENR-CGIA
Hurricane Storm Surge Inundation Areas 1987	The extent of hurricane storm surge inundation areas for eastern North Carolina, based on the Eastern North Carolina Hurricane Evacuation Study, 1987.	CCPS-Emergency Management

Data Layer Name	Description	Source Agency
Hurricane Storm Surge Inundation Areas 1993 - Fast Model	The extent of hurricane storm surge inundation for the 20 coastal counties in North Carolina. Areas are based on Sea, Lake and Overland Surges from Hurricanes (SLOSH) computer modeling program analysis. Fast and slow velocity hurricane models are available.	CCPS-Emergency Management
Hurricane Storm Surge Inundation Areas 1993 - Slow Model	The extent of hurricane storm surge inundation for the 20 coastal counties in North Carolina. Areas are based on Sea, Lake and Overland Surges from Hurricanes (SLOSH) computer modeling program analysis. Fast and slow velocity hurricane models are available.	CCPS-Emergency Management
Hydrography - Major, arcs	Major surface waters as delineated on USGS 1:100,000-scale published map series. Surface waters include oceans, sounds, estuaries, rivers, streams, lakes and reservoirs. This data is designed for general hydrography representation.	DENR-CGIA
Hydrography - Major, polys	Major surface waters as delineated on USGS 1:100,000-scale published map series. Surface waters include oceans, sounds, estuaries, rivers, streams, lakes and reservoirs. This data is designed for general hydrography representation.	DENR-CGIA
Hydrography (1:24,000) arcs	Surface waters delineating surface waters include oceans, sounds, estuaries, rivers, streams, lakes, ponds, wetlands, reservoirs, and other miscellaneous hydrographic features.	DENR-CGIA
Hydrography (1:24,000) polys	Surface waters delineating surface waters include oceans, sounds, estuaries, rivers, streams, lakes, ponds, wetlands, reservoirs, and other miscellaneous hydrographic features.	DENR-CGIA
Hydrologic Units - NC	Hydrologic Units as designated by the USDA--Natural Resources Conservation Service (NRCS) in North Carolina Hydrologic Unit River Basin Study, September 1994 and reviewed by the NC Division of Water Quality.	Agriculture-NRCS
Hydrologic Units - NC Riverbasin	Hydrologic Units as designated by the USDA--Natural Resources Conservation Service (NRCS) in North Carolina Hydrologic Unit River Basin Study, September 1994 and reviewed by the NC Division of Water Quality.	Agriculture-NRCS
Hydrologic Units - NC Subbasin	Hydrologic Units as designated by the USDA--Natural Resources Conservation Service (NRCS) in North Carolina Hydrologic Unit River Basin Study, September 1994 and reviewed by the NC Division of Water Quality.	Agriculture-NRCS
Intertidal Marshes		
Land Cover 1996, Statewide Raster	Comprehensive statewide land cover data applying 22 classifications to multi-temporal coverages of LandSat Thematic Mapper data. The classification system used for this dataset is largely based on A Standard Classification System for the Mapping of Land U	DENR-CGIA

Data Layer Name	Description	Source Agency
Land Cover 1996, Statewide Vector	Comprehensive statewide land cover data applying 22 classifications to multi-temporal coverages of LandSat Thematic Mapper data. The classification system used for this dataset is largely based on A Standard Classification System for the Mapping of Land U	DENR-CGIA
Land Cover 2006-07, Statewide	Comprehensive statewide land cover data applying 22 classifications to multi-temporal coverages of LandSat Thematic Mapper data. The classification system used for this dataset is largely based on A Standard Classification System for the Mapping of Land U	DENR-CGIA
Land Trust Conservation Properties	Data represent the areas of land trust holdings of the participating land trusts. The Conservation Trust of NC has projects that include updates of easements and acquisitions from private land trusts in NC. These properties will be integrated into lands	DENR-CGIA, Conservation Trust for NC
Land Trust Priority Areas	Data represent priority conservation areas as identified by land trust organizations in North Carolina. Three types of areas are included, buffered riparian corridors, priority polygons and land trust targeted tracts.	DENR-CGIA
Lands Managed for Conservation and Open Space	This GIS data layer consists of lands managed for conservation and open space. This is a composite inventory that integrates digital depictions of lands from multiple sources and resolves boundary discrepancies among sources.	DENR-CGIA
LIDAR - 02 Foot Contours	Elevation data is produced for the NC Floodplain Mapping Program using Light Detection and Ranging (LIDAR) technology; derivative products such as contours can be prepared using "bare earth" x,y,z points.	CCPS-Emergency Management, DOT
LIDAR - 05 Foot Contours	Elevation data is produced for the NC Floodplain Mapping Program using Light Detection and Ranging (LIDAR) technology; derivative products such as contours can be prepared using "bare earth" x,y,z points.	CCPS-Emergency Management, DOT
LIDAR - 10 Foot Contours	Elevation data is produced for the NC Floodplain Mapping Program using Light Detection and Ranging (LIDAR) technology; derivative products such as contours can be prepared using "bare earth" x,y,z points.	CCPS-Emergency Management, DOT
LIDAR - 20 Foot Contours	Elevation data is produced for the NC Floodplain Mapping Program using Light Detection and Ranging (LIDAR) technology; derivative products such as contours can be prepared using "bare earth" x,y,z points.	CCPS-Emergency Management, DOT
LIDAR - Elevation Grid		CCPS-Emergency Management, DOT
LIDAR - Hillside Shade		CCPS-Emergency Management, DOT
LIDAR - Slope Grid		CCPS-Emergency Management, DOT

Data Layer Name	Description	Source Agency
Local Watershed Plans		EEP
Macrosite Boundaries (Authorized Use)		DENR-Natural Heritage Program
Managed Areas (Authorized Use)	The Natural Heritage Program developed the Managed Areas digital data to document lands having some conservation interest. Public lands and nature preserve owned or managed by private conservation organizations are included.	DENR-Natural Heritage Program
Megasite Boundaries (Authorized Use)	Layer is intended for Natural Heritage Program use only	DENR-Natural Heritage Program
Municipal Boundaries Annual	City Boundaries - Generated from the County Maps design files, Level 49	DOT
National Pollutant Discharge Elimination System Sites - Major	Surface water discharge locations as recorded on permits issued for National Pollutant Discharge Elimination System Sites (NPDES).	DENR-Water Quality
National Pollutant Discharge Elimination System Sites - Minor	Surface water discharge locations as recorded on permits issued for National Pollutant Discharge Elimination System Sites (NPDES).	DENR-Water Quality
National Rivers Inventory Candidates		National Park Service
Natural Heritage Element Occurrence Sites - arcs (Authorized Use)	Locations of rare and endangered species population and occurrences of exemplary or unique natural ecosystems (terrestrial and palustrine) and special wildlife habitats. NOTE: Due to its dynamic nature, this data becomes outdated very quickly.	DENR-Natural Heritage Program
Natural Heritage Element Occurrence Sites - points (Authorized Use)	Locations of rare and endangered species population and occurrences of exemplary or unique natural ecosystems (terrestrial and palustrine) and special wildlife habitats. NOTE: Due to its dynamic nature, this data becomes outdated very quickly.	DENR-Natural Heritage Program
Natural Heritage Element Occurrence Sites - polys (Authorized Use)	Locations of rare and endangered species population and occurrences of exemplary or unique natural ecosystems (terrestrial and palustrine) and special wildlife habitats. NOTE: Due to its dynamic nature, this data becomes outdated very quickly.	DENR-Natural Heritage Program
NC 100K Quad Neatlines	USGS 100K Quad Neatlines	DENR-CGIA
NC 24K Quad Neatlines	USGS 24K Quad Neatlines	DENR-CGIA
NC-CREWS: The North Carolina Coastal Region Evaluation of Wetland Significance	NC-CREWS functions in a hierarchical manner, analyzing three primary wetland functions (Hydrology, Water Quality and Wildlife Habitat), seven wetland subfunctions and 39 landscape and wetland parameters.	DENR-Coastal Management
NCDOT Designed or Constructed Hazardous Spill Basins		DOT

Data Layer Name	Description	Source Agency
NCDOT/EEP Mitigation Sites	NCDOT holds title to several hundred wetland mitigation sites which are not part of existing conservation easement layer. Lands for DOT mitigation sites need mapping since they will be transferred to EEP for management.	DOT, EEP
Non-Attainment Counties for 8-Hour Ozone Standard	Counties and portions of counties identified by DENR Division of Air Quality based on federal standards.	DENR-Air Quality
Non-Public Schools	CGIA developed the digital Non-Public Schools data from addresses provided by the NC Department of Administration, Division of Non-Public Education. This data covers the entire extent of North Carolina.	DENR-CGIA
North Carolina Congressional Districts	Boundaries of North Carolina Congressional Districts; effective for the 2001 elections.	General Assembly-Info Systems
North Carolina House Districts	North Carolina House Districts; first effective for the 2001 elections.	General Assembly-Info Systems
North Carolina Senate Districts	North Carolina Senate Districts; first effective for the 2001 elections.	General Assembly-Info Systems
North Carolina Voter Precincts	Boundaries of voting precincts in each county	General Assembly-Info Systems
Paddle Trails Coastal Plain - points and arcs	Paddle trail and trail access points inventoried through the Division of Parks and Recreation trails program. These coastal plain trails are the initial inventory of the state's waterway areas that have been identified as recreational trails for paddling.	DENR-CGIA, DENR-Parks and Recreation
Parcel Boundaries	County tax parcels with attributes that include PIN#, owner name, assessed value, and other information.	DENR-CGIA, NC Counties
Potential Wetland Enhancement and Restoration Sites - North Carolina Coastal Area		DENR-Coastal Management
Private Colleges	Point locations of private colleges and universities.	DENR-CGIA
Public Libraries	Digital public libraries data was developed from addresses provided by the State Library of North Carolina. This file enables users to identify public library locations.	DENR-CGIA
Public Schools	Point locations of public schools as stored in the NC Department of Public Instruction's Transportation Information Management System (TIMS).	DENR-CGIA
Public Water Supply Water Sources	Provide accurate location of public water supply system sources in North Carolina.	DENR-Environmental Health
Recreation Projects - Land and Water Conservation Fund	Boundaries of Recreation Projects that were constructed using Land and Water Conservation Funds. These areas cannot be redeveloped without a permit, and include recreation sites; district, county, municipal, and community parks; playgrounds; greenways; an	DENR-Parks and Recreation
Sanitary Sewer Systems - Discharges	Locations where treated wastewater is released into a receiving stream or body of water.	DENR-Water Quality

Data Layer Name	Description	Source Agency
Sanitary Sewer Systems - Land Application Areas	Locations where treated wastewater or sludge is applied to be absorbed into the soil.	DENR-Water Quality, Env. Health
Sanitary Sewer Systems - Pipes	Locations of pipelines for wastewater distribution.	DENR-CGIA
Sanitary Sewer Systems - Pumping Stations	Locations of devices or facilities used to force wastewater from one elevation or location to another within a wastewater system.	DENR-CGIA
Sanitary Sewer Systems - Type A Service Areas	Type A service areas are defined as existing community sanitary sewer systems including collection lines, transport lines, or pumping and treatment facilities which serve the general public and accept domestic wastewater.	DENR-CGIA
Sanitary Sewer Systems - Type P Service Areas	Type P service areas are planned or proposed public community sanitary sewer system service areas, outside of current service area boundaries, where public systems do not currently exist.	DENR-CGIA
Shellfish Sanitation Shoreline Survey Pollution Sources	Field data on stormwater discharges with the potential to impact shellfish growing areas; DOT currently uses these data to support its various NPDES stormwater permit (NCS000250 compliance programs.	DENR-Environmental Health, DOT-Hydraulics Unit
Shellfish Strata (1:12,000)	Areas depicting presence of underwater habitat of different species including oysters, clams, and scallops.	DENR-Marine Fisheries
Significant Aquatic Endangered Species Habitats	The extent of endangered or threatened aquatic species populations and the tributaries and headwaters of their habitats.	WRC
Significant Natural Heritage Areas (Authorized Use)	Areas containing ecologically significant natural communities or rare species. NOTE: Due to its dynamic nature, this data becomes outdated very quickly. The Natural Heritage Program (NHP) MUST authorize release of this data, in writing, prior to distribu	DENR-Natural Heritage Program
Soils - Detailed County Surveys (SSURGO)	Data derived from 1:12,000 to 1:24,000-scale maps of soil series, which are the lowest level of soil determination in the US scheme of classification. Each series has soil of unique color, texture, structure, reaction, consistency, and chemical.	DENR-CGIA, Agriculture-NRCS
Solid Waste Section (SWS) Facilities	Active municipal solid waste landfills and permit numbers in North Carolina.	DENR-Waste Management
State Owned Lands	Boundaries of North Carolina state-owned complexes, such as state maintenance yards, state parks, state universities, and correctional facilities, etc.	DOA-State Property Office
State Parks	Boundaries of all lands managed by the NC DENR Division of Parks and Recreation including state natural areas, state park areas, state recreational areas, state natural and scenic rivers, and state lakes.	DENR-Parks and Recreation
Stormwater Systems - Current Service Area		DENR-CGIA

Data Layer Name	Description	Source Agency
Stormwater Systems - Future Service Area		DENR-CGIA
Stream Mapping	High-resolution delineation of streams using LIDAR elevation and orthophotography as base	DENR-CGIA
Submersed Rooted Vasculars - point	One dataset containing eight point features and one containing polygon data, both depicting occurrences of Aquatic Beds of Rooted Vascular Plants, predominantly submersed rooted vasculars (SRV) but including some floating rooted vasculars (FRV).	NOAA-National Marine Fisheries
Submersed Rooted Vasculars - polygon	One dataset containing eight point features and one containing polygon data, both depicting occurrences of Aquatic Beds of Rooted Vascular Plants, predominantly submersed rooted vasculars (SRV) but including some floating rooted vasculars (FRV).	NOAA-National Marine Fisheries
Superfund Section (SFS) Facilities	Locations of facilities that have or could have had releases of petroleum products into the surrounding land	DENR-Waste Management
Surface Water Intakes	Locations where communities draw raw water from a lake, river, or stream, then treat and distribute it to residences and businesses. This layer reflects the intake data pertaining to the state approved Water Supply Watersheds data layer.	DENR-Environmental Health
Surveyed Historic Properties	All surveyed historic properties (approximately 100,000) that either do not have any official historic designation or that are within a National Register historic district but not individually listed in the National Register or designated in any other way	DCR-State Historic Preservation Office
Targeted Local Watersheds		EEP
Terrestrial Archaeology Sites (Points) (Restricted)	Restricted to DOT use only.	DCR-Office of State Archaeology
Terrestrial Archaeology Sites (Polygons) (Restricted)	Restricted to DOT use only.	DCR-Office of State Archaeology
Terrestrial Archaeology Surveyed Areas (Polygons) (Restricted)	Restricted to DOT use only.	DCR-Office of State Archaeology
TIGER, 2000		DOT
TIP Bridges (Authorized Use)		DOT
TIP Road Alignments (Authorized Use)		DOT
TIP Road Intersections (Authorized Use)		DOT
Township Boundaries and Minor Civil Divisions	Boundaries from TIGER/Line 2000 processed by CGIA.	DENR-CGIA

Data Layer Name	Description	Source Agency
Transportation - Pipe and Transmission (1:24,000)	Miscellaneous transportation features as delineated on USGS 1:24,000-scale published map series. Features include: pipelines, power transmission lines, telephone and telegraph lines, and other transmission features.	USGS
Transportation - Railroad Grade Crossing (1:24,000)	Point locations of railroad grade crossings (where roads cross railroads).	DOT-Rail
Transportation - Railroads (1:24,000)	Railroad features as delineated on USGS 1:24,000 scale published map series. Railroad features include standard gauge, car line, cog railroad, railroad spur, yard limit, arbitrary line extension, railroad station, roundhouse, abandoned, and narrow gauge.	DOT-Rail
Transportation - Road Condition	Universe data dynamically displayed on the state maintained road linework.	DOT
Transportation - State Maintained Road Intersection Points	State maintained road intersection points with primary and secondary route information.	DOT
Transportation - State Maintained Road Linework	State maintained road layers with Link-Node attribution.	DOT
Transportation - State Maintained Route Linework	State maintained route layers defined by county.	DOT
Transportation - System and Non-System Road Linework	North Carolina Department of Transportation county roads files.	DOT
Trout Streams	Trout streams as classified by the Div. of Water Quality, Dept. of Environment & Natural Resources. There is some overlap with the WRC trout streams.	DENR-Water Quality
TroutWaters_WRC03_Arcs	WRC and CGIA developed a dataset depicting trout regulations in effect on trout streams managed under the DPMTW program as listed in the 2002-03 NC Inland Fishing, Hunting and Trapping Regulations Digest.	WRC
TroutWaters_WRC03_Polys	WRC and CGIA developed a dataset depicting trout regulations in effect on trout streams managed under the DPMTW program as listed in the 2002-03 NC Inland Fishing, Hunting and Trapping Regulations Digest.	WRC
Underground Storage Tank (UST) Facilities	Underground facilities that can have releases of petroleum products into the surrounding land	DENR-Waste Management
Underwater Archaeology Sites/Shipwrecks (Points) (Restricted)	Restricted to DOT use only.	DCR-Office of State Archaeology
Universities - point	Approximate midpoint locations of state-owned university property from the State Property Office, a subset of State Owned Complexes.	DENR-CGIA
Universities - polygon	Approximate midpoint locations of state-owned university property from the State Property Office, a subset of State Owned Complexes.	DENR-CGIA

Data Layer Name	Description	Source Agency
USGS Hydrologic Data Collection Stations	Locations of all active continuous record hydrologic data collection stations and attribute data indicating the type of data collection (river stage, discharge, precipitation, ground water level, water-quality constituent, etc.)	USGS
USGS Long-Term Streamflow Gaging Stations	Locations of all active and discontinued continuous record discharge stations that have a record spanning at least 10 years.	USGS
Water Distribution Systems - Intakes, Surface Water	Locations where raw water is drawn into a water system from a surface water source.	DENR-CGIA
Water Distribution Systems - Pipes	Locations of pipelines for water distribution.	DENR-CGIA
Water Distribution Systems - Type A Service Areas	Type A Water Systems are existing systems for provision to the public of piped water for human consumption which serve fifteen (15) or more connections or which regularly serve at least 25 year-round residents.	DENR-CGIA
Water Distribution Systems - Type B Service Areas	Type B Water Systems are existing systems defined as public "Community Water Systems", which generally represent small private, mobile home, multi-family housing or single subdivision systems which have very limited potential for future economic developme	DENR-CGIA
Water Distribution Systems - Type P Service Areas	Type P systems are areas that have been identified as having sufficient need and population density to support viable public systems and which have an existing minimum potential user density of 20 existing potential connections per mile of waterline.	DENR-CGIA
Water Supply Watersheds	Water supply watersheds classified as WS-I, WS-II, and WS-IV in the Division of Water Quality's (DWQ) Classification Schedule, effective August 3, 1992, and as originally mapped by CGIA and DWQ staff. Protected and critical watershed designations are incl	DENR-Water Quality
Wetland Polygons	Land where saturation with water is the dominant factor determining the nature of soil development and the types of plant and animal communities living in the soil and on its surface.	USFWS
Wetland Types	Areas identifying wetland types as determined by the NC Division of Coastal Management. Using National Wetlands Data, detailed soils data and two types of land use and land cover data, DCM identified the location and extent of coastal area wetlands.	DENR-Coastal Management
Wild and Scenic Rivers	Developed by CGIA from National Wild and Scenic Rivers System website information. The Wild and Scenic Rivers Act established method for providing Federal protection for certain of our country's remaining free-flowing rivers, preserving them and their i	DENR-CGIA
Zipcode Tabulation Areas	Areas originate from US Census Bureau in a cartographic boundary file from Census 2000, processed by CGIA.	DENR-CGIA