

USFWS Species Consultation Range North Carolina Boundaries, February 2025 - NC Department of Transportation

File Geodatabase Feature Class



Tags

IPaC, NRTR, AOI, CR, Area of Influence, Current Range, Information for Planning and Consultation, USFWS, Threatened Species, Endangered Species, Section 7 Consultation, Transportation, NCDOT, biota, Environment, Location, North Carolina, ATLAS

Summary

This dataset was originally created in April 2022 and subsequently updated in November 2022, February 2024, December 2024 and most recently February 2025 as part of the Project ATLAS initiative at NCDOT to support the Environmental Analysis Unit (EAU) with project delivery in the development phase. This dataset supports the production of the Natural Resources Technical Report (NRTR).

This layer displays range boundaries as either specific ecological ranges or county boundaries set by the US Fish and Wildlife Service (USFWS) for federally listed species in the state of North Carolina. Most species' USFWS Current Ranges (CR) are the same as the USFWS consultation range or known as the Area of Influence (AOI).

Description

The USFWS Species Consultation Range layer is a polygon layer and acts as a project planning tool which streamlines the USFWS environmental review process. This layer contains ecological regions within the state of NC. This can be found at the following link: <https://ipac.ecosphere.fws.gov>. The USFWS IPaC is used to identify project location and receive an official list of T&E species that should be considered when evaluating the potential impacts of a project during project screening and during NRTR production.

This layer can be used at project screening to generate a species listing that should be evaluated for project impacts. These species listings and boundaries mirror the listing from the USFWS IPaC project planning tool that is using during the production of the NRTR. The contents of this layer include but is not limited to optimal survey windows, federal species status, construction moratoria, and if there are any programmatic agreements in place with NCDOT.

The USFWS current range is the general geographic area where we know or suspect that a species currently occurs. Current range can include areas that have suitable habitat that have not been surveyed for presence of the species but are within the range of the species and are considered by experts likely to be occupied during all or part of the annual cycle or life cycle of the species. However, it is not limited to locations for which there are data on species known occurrence. Mapped current range can reflect species occurrence where other supporting evidence indicates that the species has a moderate to high probability of being present. Current range includes seasonally used areas as well as areas used year-round. The time frame covered by the term "current" varies by species. As a starting point, 'current' starts in 1972.

USFWS Area of Influence (AOI) definition - Under Section 7 of the Endangered Species Act of 1973, as amended, action agencies consult with the Service if their actions "may affect" listed species or designated critical habitat. The first step for the action agency in determining if consultation is appropriate is to determine if the species may be present in the action area, remembering that the "action area" as defined by the Act may be larger than the actual "project area." With this in mind, in order for the IPaC system to provide accurate species lists, the Service is developing "Areas of Influence." These ranges do not necessarily identify only where the

species is present, but rather, they identify the area within which any project should consider potential effects to the listed species. This will typically result in Areas of Influence encompassing larger areas than simply where the species is known to exist. While individual Service field offices may ultimately determine that Section 7 consultation is not appropriate based on the specifics of a project, it is appropriate to consider the potential effects to the species. Used in IPaC to determine a species list for Section 7.

Datasets developed under Project ATLAS do not replace any NRTR work for future projects and may not be used as a replacement for site visits / field surveys by licensed professionals and hence should be used only as a supporting platform for decision making. Use of this dataset for project scoping or screening is merely pre-decisional.

Credits

The Environmental Analysis Unit (EAU) Mitigation and Modeling Unit within NCDOT was tasked to create this dataset. This dataset supports the production of the Natural Resources Technical Report (NRTR). Quarterly maintenance of this dataset is handled by the EAU.

Support and maintenance of the enterprise spatial database where this data resides is handled by NCDIT's Transportation GIS Unit.

Use limitations

The North Carolina Department of Transportation shall not be held liable for any errors in this data. This includes errors of omission, commission, errors concerning the content of the data, and relative and positional accuracy of the data. This data cannot be construed to be a legal document. Primary sources from which this data was compiled must be consulted for verification of information contained in this data.

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Extent

West -84.422109 **East** -75.352278
North 36.617254 **South** 33.639214

Scale Range

Maximum (zoomed in) 1:5,000
Minimum (zoomed out) 1:625,000

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE biota, boundaries, location, planningCadastre, transportation, environment

* CONTENT TYPE Downloadable Data
EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS North Carolina

THESAURUS ►

TITLE User
CREATION DATE 2025-02-06 00:00:00
PUBLICATION DATE 2025-02-28 00:00:00

[Hide Thesaurus ▲](#)

THEME KEYWORDS IPaC, NRTR, AOI, CR, Area of Influence, Current Range, Information for Planning and Consultation, USFWS, Threatened Species, Endangered Species, Section 7 Consultation, Transportation, NCDOT, biota, Environment, Location, North Carolina, ATLAS

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[Hide Topics and Keywords ▲](#)

Citation ▶

TITLE USFWS Species Consultation Range North Carolina Boundaries, February 2025 - NC Department of Transportation

CREATION DATE 2025-02-06 00:00:00

PUBLICATION DATE 2025-02-28 00:00:00

PRESENTATION FORMATS digital map

FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

[Hide Citation ▲](#)

Citation Contacts ▶

RESPONSIBLE PARTY

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

CONTACT'S POSITION Environmental Program Consultant

CONTACT'S ROLE resource provider

CONTACT INFORMATION ▶

PHONE

VOICE 919-707-6146

ADDRESS

TYPE

DELIVERY POINT 1020 Birch Ridge Drive

CITY Raleigh

ADMINISTRATIVE AREA NC

POSTAL CODE 27610

COUNTRY US

E-MAIL ADDRESS ATLAS@ncdot.gov

HOURS OF SERVICE

9:00am – 5:00pm Monday - Friday

CONTACT INSTRUCTIONS

Please send an email with any issues, questions or comments regarding the ATLAS Data Search Tool, ATLAS Screening Tool or ATLAS Workbench. If it is an immediate need, please call the contact number or indicate as such in the subject line in an email.

[Hide Contact information ▲](#)

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CONTACT'S ROLE point of contact

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[Hide Citation Contacts ▲](#)

Resource Details ►

DATASET LANGUAGES English (UNITED STATES)
DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS completed
SPATIAL REPRESENTATION TYPE vector

* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.8.1.14362

CREDITS

The Environmental Analysis Unit (EAU) Mitigation and Modeling Unit within NCDOT was tasked to create this dataset. This dataset supports the production of the Natural Resources Technical Report (NRTR). Quarterly maintenance of this dataset is handled by the EAU.

Support and maintenance of the enterprise spatial database where this data resides is handled by NCDIT's Transportation GIS Unit.

[Hide Resource Details ▲](#)

Extents ►

EXTENT

DESCRIPTION

Data collection is complete.

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -84.422109

EAST LONGITUDE -75.416032

SOUTH LATITUDE 33.730554

NORTH LATITUDE 36.617254

EXTENT CONTAINS THE RESOURCE Yes

TEMPORAL EXTENT

BEGINNING DATE 2024-12-02 00:00:00

ENDING DATE 2024-12-02 00:00:00

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -84.422109

* EAST LONGITUDE -75.352278

* NORTH LATITUDE 36.617254

* SOUTH LATITUDE 33.639214

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 406832.656245

* EAST LONGITUDE 3071218.884877

* SOUTH LATITUDE 1695.034535

* NORTH LATITUDE 1043624.438204

* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

CONTACT'S POSITION Environmental Program Consultant

CONTACT'S ROLE **originator**

CONTACT INFORMATION ▶

PHONE

VOICE **919-707-6146**

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Hide Contact information ▲

Hide Resource Points of Contact ▲

Resource Maintenance ▶

RESOURCE MAINTENANCE

UPDATE FREQUENCY **quarterly**

SCOPE OF THE UPDATES **dataset**

OTHER MAINTENANCE REQUIREMENTS

Maintenance of this dataset is handled by the Environmental Analysis Unit (EAU) Mitigation and Modeling Unit. Support and maintenance of the enterprise spatial database where this data resides is handled by NCDIT's Transportation GIS Unit.

MAINTENANCE CONTACT

ORGANIZATION'S NAME **North Carolina Department of Transportation - EAU Mitigation and Modeling Unit**

CONTACT'S POSITION **Environmental Program Consultant**

CONTACT'S ROLE **originator**

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[Hide Resource Maintenance ▲](#)

Resource Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

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SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

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[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

* TYPE Projected

* GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983

* PROJECTION NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet

* COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102719

X ORIGIN -121841900

Y ORIGIN -93659000
XY SCALE 3048.00609601219
Z ORIGIN -100000
Z SCALE 10000
M ORIGIN -100000
M SCALE 10000
XY TOLERANCE 0.003280833333333333
Z TOLERANCE 0.001
M TOLERANCE 0.001
HIGH PRECISION true
LATEST WELL-KNOWN IDENTIFIER 2264
WELL-KNOWN TEXT
PROJCS["NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet",GEOGCS["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],PARAMETER["False_Easting",2000000.002616666],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",-79.0],PARAMETER["Standard_Parallel_1",34.33333333333334],PARAMETER["Standard_Parallel_2",36.16666666666666],PARAMETER["Latitude_Of_Origin",33.75],UNIT["Foot_US",0.3048006096012192],AUTHORITY["EPSG",2264]]

REFERENCE SYSTEM IDENTIFIER

VALUE 2264
* CODESPACE EPSG
* VERSION 6.12(9.0.0)

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME USFWSSpeciesConsultationRange
* OBJECT TYPE composite
* OBJECT COUNT 71

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME USFWSSpeciesConsultationRange
* FEATURE TYPE Simple
* GEOMETRY TYPE Polygon
* HAS TOPOLOGY FALSE
* FEATURE COUNT 71
* SPATIAL INDEX TRUE
* LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Data Quality ►

SCOPE OF QUALITY INFORMATION ►

RESOURCE LEVEL dataset

[Hide Scope of quality information ▲](#)

DATA QUALITY REPORT - COMPLETENESS OMISSION ▶

MEASURE DESCRIPTION

After processing, the dataset is checked for drawing display and number of records and file sizes compared with source materials.

CONFORMANCE TEST RESULTS

TEST PASSED Yes

RESULT EXPLANATION

Pass

PRODUCT SPECIFICATION ▶

TITLE NCDOT Geospatial Data Specifications

CREATION DATE 2019-01-01 00:00:00

PUBLICATION DATE 2019-08-28 00:00:00

[Hide Product specification ▲](#)

[Hide Data quality report - Completeness omission ▲](#)

DATA QUALITY REPORT - CONCEPTUAL CONSISTENCY ▶

MEASURE DESCRIPTION

The dataset is converted to file geodatabase (FGDB) format using tools in ArcGIS. The geometry is checked, and if needed repaired

CONFORMANCE TEST RESULTS

TEST PASSED Yes

RESULT EXPLANATION

Pass

PRODUCT SPECIFICATION ▶

TITLE NCDOT Geospatial Data Specifications

CREATION DATE 2019-01-01 00:00:00

PUBLICATION DATE 2019-08-28 00:00:00

[Hide Product specification ▲](#)

[Hide Data quality report - Conceptual consistency ▲](#)

DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY ▶

MEASURE DESCRIPTION

Geometry checks were conducted using ESRI's Data Reviewer tool.

CONFORMANCE TEST RESULTS

TEST PASSED Yes
RESULT EXPLANATION
Pass

PRODUCT SPECIFICATION ►

TITLE NCDOT Geospatial Data Specifications
CREATION DATE 2019-01-01 00:00:00
PUBLICATION DATE 2019-08-28 00:00:00

[Hide Product specification ▲](#)

[Hide Data quality report - Quantitative attribute accuracy ▲](#)

[Hide Data Quality ▲](#)

Lineage ►

LINEAGE STATEMENT

Two datasets were accessed to create a range record for each threatened and endangered species in North Carolina that best represents the USFWS Section 7 Area of Influence (AOI).

-ECOS IPAC county pages for all 100 North Carolina counties (April 25, 2022)
<https://ipac.ecosphere.fws.gov/> (As of 2024, species county listings are not available and coordination with USFWS East and West North Carolina staff has occurred instead)

-USFWS Current Range (CR) file available to the public (April 25, 2022)
https://ecos.fws.gov/docs/species/shapefiles/usfws_complete_species_current_range.zip

Update November 2022:

Overall Species Updates

Littlewing Pearlymussel – changed to a basin area and reduced in size. Carolina Heelsplitter – changed from county boundaries to basins. Reduction in area.

Small-anthered Bittercress – reduced area and now includes the basin upper NE area of Surry county.

Golden Sedge, App Elktoe, Spotfin Chub, App Elktoe has small areas removed that were outside NC.

Tricolored Bat – added as a Proposed Endangered (PE) species – the range is the entire state.

NLEB – reduced numerous counties and reflects IPAC areas and not NCDOTs structures checks for Div. 1-8.

Wood Stork – reduced areas to buffered occurrences (as of 10/27/2022). Sensitive Joint-vetch – Craven County removed from the range.

Virginia Spiraea – In NC, USFWS has based the range on stream buffered areas.

Update February 2024:

Species with recent ranges added to NC:

Whooping Crane, updated on ECOS on 3/21/2023. It is an experimental population, non-essential (EXPN) and typically NCDOT doesn't do surveys for species with this status.

<https://ecos.fws.gov/ecp/species/758>

Longsolid, a threatened mussel, updated on ECOS on 10/30/2023.

<https://ecos.fws.gov/ecp/species/9880>

Tennessee Clubshell, a proposed endangered mussel, updated on ECOS on 10/6/2023.

<https://ecos.fws.gov/ecp/species/3254>

Tennessee Pigtoe, a proposed endangered mussel, updated on ECOS on 10/17/2023.

<https://ecos.fws.gov/ecp/species/9887>

Cumberland Moccasinshell, proposed endangered, updated on ECOS on 10/6/2023.

<https://ecos.fws.gov/ecp/species/9881>

Magnificent Ramshorn, endangered, updated on ECOS on 9/13/2023.

<https://ecos.fws.gov/ecp/species/6216>

Update December 2024:

As of December 2024, there is a total of 71 listed species in the ATLAS USFWS IPaC Consultation Range file with 32 species ranges as county-based boundaries and 39 species ranges as non-county based boundaries (finer range models, ranges based on ecological factors).

Species removed from the file include:

Littlewing Pearlymussel (*Pegia fabula*) – species not listed in North Carolina anymore (Mark Endries, USFWS confirmed on 9/24/24). <https://www.fws.gov/species/littlewing-pearlymussel-pegias-fabula>
Cumberland Bean (*Villosa trabalis*) was previously in Cherokee County but not listed anymore in this county (Mark Endries, USFWS confirmed on 9/24/24). <https://www.fws.gov/species/cumberland-bean-villosa-trabalis>

Species with range changes:

Eastern Black Rail (*Laterallus jamaicensis jamaicensis*) range in North Carolina has been reduced from 17 coastal counties to 7 coastal counties. <https://www.fws.gov/species/eastern-black-rail-laterallus-jamaicensis-jamaicensis>

Roseate Tern (*Sterna dougallii dougallii*) is the coastal waters and doesn't include beaches (Assumed AOI = CR, and has not been confirmed by USFWS East Region).

<https://www.fws.gov/species/roseate-tern-sterna-dougallii-dougallii>

Loggerhead Sea Turtle (*Caretta caretta*) updated model files from USFWS (July 2024) have been applied (Assume AOI = CR and has not been confirmed by USFWS East Region).

<https://www.fws.gov/species/loggerhead-caretta-caretta>

Gray Bat (*Myotis grisescens*) – Rutherford County has been added. AOI = CR (Mark Endries, USFWS confirmed on 9/24/24). <https://www.fws.gov/species/gray-bat-myotis-grisescens>

Indiana Bat (*Myotis sodalis*) - Avery and Watauga Counties added. AOI = CR. (Mark Endries, USFWS confirmed on 9/24/24). <https://www.fws.gov/species/indiana-bat-myotis-sodalis>

NLEB (*Myotis septentrionalis*) – USFWS modeled update applied. AOI = CR. (Mark Endries, USFWS confirmed on 9/24/24). <https://www.fws.gov/species/northern-long-eared-bat-myotis-septentrionalis>

Tricolored Bat (*Perimyotis subflavus*) - USFWS modeled update applied. AOI = CR. (Mark Endries, USFWS confirmed on 9/24/24). <https://www.fws.gov/species/tricolored-bat-perimyotis-subflavus>

Western plant ranges have remained the same (Mark Endries, USFWS confirmed on 9/24/24).

This layer contains non-county and county based (ie CntyBased =Y or N) species.

Update February 2025:

American Chaffseed current county range: Scotland, Hoke, Cumberland and Bladen.

In this update the following 4 counties were removed: Richmond, Robeson, Columbus and Sampson.

Rough leaved loosestrife current county range: Richmond, Scotland, Hoke, Harnett, Cumberland, Bladen, Brunswick, New Hanover, Pender, Onslow, Carteret, Pamlico, Craven, and Beaufort.

In this update the following 11 counties were removed: Chatham, Lee, Moore, Robeson, Columbus, Sampson, Duplin, Jones, Lenoir, Pitt, Hyde.

PROCESS STEP

DESCRIPTION

Geodatabase was forwarded on to the GIS Unit for publishing as part of data for project ATLAS.

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

CONTACT'S POSITION Environmental Program Consultant

CONTACT'S ROLE originator

CONTACT INFORMATION

PHONE

VOICE 919-707-6146

ADDRESS

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POSTAL CODE 27610

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[Hide Contact information ▲](#)

[Hide Process step ▲](#)

PROCESS STEP ►

DESCRIPTION

Data was reviewed in ESRI's Data Reviewer tool to verify geometry.

PROCESS CONTACT

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CONTACT'S POSITION Environmental Program Consultant

CONTACT'S ROLE originator

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PROCESS STEP ►
DESCRIPTION

Adjustments were made to the following seven species in December 2024 based on correspondence with USFWS North Carolina East and West staff: Roseate Tern (non-county based now), Eastern Black Rail (reduced county listing), Loggerhead Sea Turtle (non-county based now), Gray Bat (expanded range with Rutherford County), Indiana Bat (expanded range with Avery and Watauga Counties), Northern Long-eared Bat (non-county based now), and Tricolored Bat (non-county based now).

Adjustments were made to the following 35 species in 2023-2024 based on correspondence with USFWS East and West staff and IPaC manual county review of listed species: Kemp's Ridley Sea Turtle, Leatherback Sea Turtle, Green Sea Turtle, Hawksbill Sea Turtle, Loggerhead Sea Turtle, Yellow Lance, American Chaffseed, Canby's Dropwort, Harperella, Rough-leaved Loosestrife, Roanoke Logperch, Eastern Black Rail, American Alligator, Northern Long-eared Bat, Bunched Arrowhead, Dwarf-flowered Heartleaf, Mountain Sweet Pitcher Plant, Green Pitcher Plant, Small Whorled Pogonia, Michaux's Sumac, Swamp Pink, Cumberland Bean, Rock Gnome Lichen, Bog Turtle, Gray Bat, Indiana Bat, Virginia Big-eared Bat, Cooley's Meadowrue, Pondberry, Dwarfwedge Mussel, Red-cockaded Woodpecker, Piping Plover, Red Knot, Red Wolf, and Green Floater.

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit
CONTACT'S POSITION Environmental Program Consultant
CONTACT'S ROLE originator

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[Hide Process step ▲](#)

[Hide Lineage ▲](#)

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit
CONTACT'S POSITION Environmental Program Consultant
CONTACT'S ROLE distributor

CONTACT INFORMATION ▶

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Hide Distributor ▲

DISTRIBUTION FORMAT

* NAME File Geodatabase Feature Class

VERSION 10.5

Hide Distribution ▲

Fields ▶

DETAILS FOR OBJECT USFWSSpeciesConsultationRange ▶

* TYPE Feature Class

* ROW COUNT 71

DEFINITION

USFWS species' habitat range located within NC.

DEFINITION SOURCE

NCDOT

FIELD OBJECTID ▶

* ALIAS OBJECTID

* DATA TYPE OID

* WIDTH 4

* PRECISION 0

* SCALE 0

* FIELD DESCRIPTION

Internal feature number.

* DESCRIPTION SOURCE

Esri

* DESCRIPTION OF VALUES

Sequential unique whole numbers that are automatically generated.

Hide Field OBJECTID ▲

FIELD Shape ►

* ALIAS Shape

* DATA TYPE Geometry

* WIDTH 0

* PRECISION 0

* SCALE 0

* FIELD DESCRIPTION

Feature geometry.

* DESCRIPTION SOURCE

Esri

* DESCRIPTION OF VALUES

Coordinates defining the features.

Hide Field Shape ▲

FIELD ComName ►

* ALIAS CommonName

* DATA TYPE String

* WIDTH 50

* PRECISION 0

* SCALE 0

* FIELD DESCRIPTION

Species common name

* DESCRIPTION SOURCE

NCDOT

Hide Field ComName ▲

FIELD SciName ►

* ALIAS ScientificName

* DATA TYPE String

* WIDTH 50

* PRECISION 0

* SCALE 0

* FIELD DESCRIPTION

Species scientific name

* DESCRIPTION SOURCE

NCDOT

[Hide Field SciName ▲](#)

FIELD **Status** ▶

- * ALIAS Status
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

USFWS Listing status

DESCRIPTION SOURCE

NCDOT

LIST OF VALUES

VALUE Endangered

DESCRIPTION Endangered

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Proposed Threatened

DESCRIPTION Proposed Threatened

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Similarity of Appearance (Threatened)

DESCRIPTION Similarity of Appearance (Threatened)

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Threatened

DESCRIPTION Threatened

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE Under Review

DESCRIPTION Under Review

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

[Hide Field Status ▲](#)

FIELD **Moratoria** ▶

- * ALIAS ConstMoratoria
- * DATA TYPE String
- * WIDTH 254
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Moratoria note for species

DESCRIPTION SOURCE

NCDOT

[Hide Field Moratoria ▲](#)

FIELD **StatusAbbv** ▶

- * ALIAS StatusAbbreviation
- * DATA TYPE String
- * WIDTH 20
- * PRECISION 0

* SCALE 0
FIELD DESCRIPTION
USFWS Listing Status Abbreviation

DESCRIPTION SOURCE
NCDOT

[Hide Field StatusAbbv ▲](#)

FIELD [SurveyWind ▶](#)

* ALIAS SurveyWindow
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION
Optimal Survey Window

DESCRIPTION SOURCE
NCDOT

[Hide Field SurveyWind ▲](#)

FIELD [MoratorYN ▶](#)

* ALIAS MoratoriumYN
* DATA TYPE String
* WIDTH 20
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION
Is construction moratoria in place for listed species?

DESCRIPTION SOURCE
NCDOT

LIST OF VALUES

VALUE Yes
DESCRIPTION Yes Moratorium is in place
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE No
DESCRIPTION No Moratorium is in place
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

[Hide Field MoratorYN ▲](#)

FIELD [Notes ▶](#)

* ALIAS Notes
* DATA TYPE String
* WIDTH 254
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION
Other important species notes

DESCRIPTION SOURCE
NCDOT

[Hide Field Notes ▲](#)

FIELD Agency ►

- * ALIAS Agency
- * DATA TYPE String
- * WIDTH 100
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Agencies with jurisdiction over species

DESCRIPTION SOURCE

NCDOT

[Hide Field Agency ▲](#)

FIELD RStatement ►

- * ALIAS RiskStatement
- * DATA TYPE String
- * WIDTH 5
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Risk Statement

DESCRIPTION SOURCE

NCDOT

LIST OF VALUES

VALUE 1

DESCRIPTION High Risk - If the following species are already known to occur within the project study area, or are found on this project through field surveys or critical habitat has been identified, extensive coordination with USFWS will be required potentially including a BO and may have significant affects to scope, schedule and/or budget.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE 2

DESCRIPTION Low Risk - If the following species are found on this project through field surveys, coordination with USFWS will likely be required and may affect scope, schedule and/or budget.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

[Hide Field RStatement ▲](#)

FIELD Edited ►

- * ALIAS EditedDate
- * DATA TYPE Date
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Last Edited date

DESCRIPTION SOURCE

NCDOT

[Hide Field Edited ▲](#)

FIELD CntyBased ▶

- * ALIAS CountyBased
- * DATA TYPE String
- * WIDTH 5
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Is Consultation Range County boundary based?

DESCRIPTION SOURCE

NCDOT

LIST OF VALUES

VALUE Y

DESCRIPTION Consultation Range County boundary based

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE N

DESCRIPTION Consultation Range not County boundary based

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

Hide Field CntyBased ▲

FIELD ProgAgree ▶

- * ALIAS ProgrammaticAgreement
- * DATA TYPE String
- * WIDTH 150
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Programmatic Agreement in place

DESCRIPTION SOURCE

NCDOT

Hide Field ProgAgree ▲

FIELD ProgramYN ▶

- * ALIAS ProgrammaticAgreeYN
- * DATA TYPE String
- * WIDTH 20
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Is Programmatic in place with USFWS

DESCRIPTION SOURCE

NCDOT

LIST OF VALUES

VALUE Yes

DESCRIPTION Programmatic in place

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

VALUE No

DESCRIPTION Programmatic not in place
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NCDOT

[Hide Field ProgramYN ▲](#)

FIELD [NHPTaxa ▶](#)

- * ALIAS NHPTaxaGroup
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Natural Heritage Program taxa group

DESCRIPTION SOURCE

NCDOT

[Hide Field NHPTaxa ▲](#)

FIELD [Shape_Length ▶](#)

- * ALIAS Shape_Length
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION

Length of feature in internal units.

* DESCRIPTION SOURCE

Esri

* DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

[Hide Field Shape_Length ▲](#)

FIELD [Shape_Area ▶](#)

- * ALIAS Shape_Area
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION

Area of feature in internal units squared.

* DESCRIPTION SOURCE

Esri

* DESCRIPTION OF VALUES

Positive real numbers that are automatically generated.

[Hide Field Shape_Area ▲](#)

[Hide Details for object USFWSSpeciesConsultationRange ▲](#)

[Hide Fields ▲](#)

Metadata Details ►

METADATA LANGUAGE English (UNITED STATES)
METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset
SCOPE NAME *dataset

* LAST UPDATE 2025-02-18

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0
METADATA STYLE ISO 19139 Metadata Implementation Specification
STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2024-12-03 01:53:39
LAST MODIFIED IN ARCGIS FOR THE ITEM 2025-02-18 14:23:19

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
LAST UPDATE 2025-02-18 14:23:19

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit
CONTACT'S POSITION Environmental Program Consultant
CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE
VOICE 919-707-6146

ADDRESS

TYPE
DELIVERY POINT 1020 Birch Ridge Drive
CITY Raleigh
ADMINISTRATIVE AREA NC
POSTAL CODE 27610
COUNTRY US
E-MAIL ADDRESS ATLAS@ncdot.gov

HOURS OF SERVICE

9:00am – 5:00pm Monday - Friday

CONTACT INSTRUCTIONS

Please send an email with any issues, questions or comments regarding the ATLAS Data Search Tool, ATLAS Screening Tool or ATLAS Workbench. If it is an immediate need, please call the contact number or indicate as such in the subject line in an email.

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY as needed

OTHER MAINTENANCE REQUIREMENTS

Maintenance of this dataset is handled by the Environmental Analysis Unit (EAU) Mitigation and Modeling Unit. Support and maintenance of the enterprise spatial database where this data resides is handled by NCDIT's Transportation GIS Unit.

MAINTENANCE CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation - EAU Mitigation and Modeling Unit
CONTACT'S POSITION Environmental Program Consultant
CONTACT'S ROLE point of contact

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[Hide Contact information ▲](#)

[Hide Metadata Maintenance ▲](#)

Metadata Constraints ►

SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

LIMITATIONS OF USE

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qualified professionals and hence should be used only as a supporting platform for decision making. Use of this dataset for project scoping or screening is merely pre-decisional.

CONSTRAINTS

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