

NC National Heritage Elemental Occurrences (NHEO), August 2024 - NC Department of Transportation

File Geodatabase Feature Class



Tags

NHEO, NCNHP, National Heritage Elemental Occurrences, natural heritage, element, elemental occurrence, EO, rare, significantly rare, plant, animal, wildlife, forest, endangered, biodiversity, natural community, natural, DNCR, Department of Natural and Cultural Resources, North Carolina Natural Heritage Program, Transportation, NRTR, NCDOT, Environment, Location, North Carolina, ATLAS

Summary

This dataset was originally created in October 2019 and updated in August 2024 as part of the Project ATLAS initiative at NCDOT to support the Environmental Analysis Unit (EAU) Mitigation and Modeling Unit with project delivery in the development phase. This dataset identifies occurrences of rare plants and animals, exemplary or unique natural communities, and important animal assemblages (e.g., heronries and colonial waterbird nesting sites) across the state of NC.

This dataset supports the production of the Natural Resources Technical Report (NRTR). It is intended to be used as an aid to conservation planning only and not as a substitute for actual field surveys.

Description

The NC National Heritage Elemental Occurrences (NHEO) dataset is a statewide polygon layer that identifies occurrences of rare plants and animals, exemplary or unique natural communities, and important animal assemblages (e.g., heronries and colonial waterbird nesting sites). Collectively, these plants, animals, natural communities, and animal assemblages are referred to as "elements of natural diversity" or simply as "elements". Specific occurrences of these elements are referred to as "element occurrences" or simply "EOs".

Inclusion of an Element Occurrence in this dataset in no way implies that the area is open to the public. Many Element Occurrences are on private land and are not open to the public; written permission should be obtained from all appropriate landowners before visiting any of these sites. If field surveys involve collection of biological specimens, written permission of the land owner and state or federal collecting permits may be required. These data are intended to be used as aid to conservation planning only and not as a substitute for actual field surveys.

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).

Annual 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 -84.421873 **East** -75.401044

North 36.613955 **South** 33.684244

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 geoscientificInformation, location, environment, transportation

* CONTENT TYPE Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS North Carolina

THESAURUS ▶

TITLE User

CREATION DATE 2023-07-05 00:00:00

PUBLICATION DATE 2024-08-01 00:00:00

Hide Thesaurus ▲

THEME KEYWORDS NHEO, NCNHP, National Heritage Elemental Occurrences, natural heritage, element, elemental occurrence, EO, rare, significantly rare, plant, animal, wildlife, forest, endangered, biodiversity, natural community, natural, DNCR, Department of Natural and Cultural Resources, North Carolina Natural Heritage Program, Transportation, NRTR, NCDOT, Environment, Location, North Carolina, ATLAS

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Hide Topics and Keywords ▲

Citation ▶

TITLE NC National Heritage Elemental Occurrences (NHEO), August 2024 - NC Department of Transportation

CREATION DATE 2023-07-05 00:00:00

PUBLICATION DATE 2024-08-01 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 point of contact

CONTACT INFORMATION ►

PHONE

VOICE 919-707-6146

ADDRESS

TYPE

DELIVERY POINT Century Center Building B, 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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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 ►

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Hide Contact information ▲

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).

Annual 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.

ARCGIS ITEM PROPERTIES

* **NAME** NHEO

[Hide Resource Details ▲](#)

Extents ►

EXTENT

DESCRIPTION

Data collection is complete.

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -84.422111

EAST LONGITUDE -75.416034

SOUTH LATITUDE 33.730557

NORTH LATITUDE 36.617257

EXTENT CONTAINS THE RESOURCE Yes

TEMPORAL EXTENT

BEGINNING DATE 2019-10-01 00:00:00

ENDING DATE 2024-07-01 00:00:00

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -84.421873

* EAST LONGITUDE -75.401044

* NORTH LATITUDE 36.613955

* SOUTH LATITUDE 33.684244

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 124003.960000

* EAST LONGITUDE 931753.790000

* SOUTH LATITUDE 5519.380000

* NORTH LATITUDE 317731.240000

* 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 ►

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[Hide Resource Points of Contact ▲](#)

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY **quarterly**

SCOPE OF THE UPDATES **dataset**

[OTHER MAINTENANCE REQUIREMENTS](#)

Quarterly 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**

[CONTACT INFORMATION ►](#)

PHONE

VOICE **919-707-6146**

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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

LIMITATIONS OF USE

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CONSTRAINTS

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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
- * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 32119
X ORIGIN -37137500
Y ORIGIN -28547400
XY SCALE 10000
Z ORIGIN -100000
Z SCALE 10000
M ORIGIN -100000
M SCALE 10000
XY TOLERANCE 0.001
Z TOLERANCE 0.001
M TOLERANCE 0.001
HIGH PRECISION true
LATEST WELL-KNOWN IDENTIFIER 32119
WELL-KNOWN TEXT

PROJCS["NAD_1983_StatePlane_North_Carolina_FIPS_3200",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",609601.22],PARAMETER["False_Northing",0.0],PARAMETER["Central_Meridian",-79.0],PARAMETER["Standard_Parallel_1",34.33333333333334],PARAMETER["Standard_Parallel_2",36.

16666666666666666666],PARAMETER["Latitude_Of_Origin",33.75],UNIT["Meter",1.0],AUTHORITY["EPSG",32119]]

REFERENCE SYSTEM IDENTIFIER

VALUE 2264
* CODESPACE EPSG
* VERSION 6.12(3.0.1)

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME NHEO
* OBJECT TYPE composite
* OBJECT COUNT 14493

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME NHEO
* FEATURE TYPE Simple
* GEOMETRY TYPE Polygon
* HAS TOPOLOGY FALSE
* FEATURE COUNT 14493
* 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 2019-10-01 00:00:00

PUBLICATION DATE 2021-10-04 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 2019-10-01 00:00:00

PUBLICATION DATE 2021-10-04 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 2019-10-01 00:00:00

PUBLICATION DATE 2021-10-04 00:00:00

[Hide Product specification ▲](#)

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

[Hide Data Quality ▲](#)

Lineage ►

LINEAGE STATEMENT

This dataset was developed by the National Heritage Program and obtained from them through a Memorandum of Agreement between the Natural Heritage Program and NCDOT. This dataset contains updates from July 2024.

PROCESS STEP ►

DESCRIPTION

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

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

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DELIVERY POINT Century Center Building B, 1020 Birch Ridge Drive

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[Hide Contact information ▲](#)

[Hide Process step ▲](#)

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

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[Hide Process step ▲](#)

PROCESS STEP ►

DESCRIPTION

This data was exported from the NCNHP Biotics database and subjected to internal quality assurance and quality control procedures.

This was obtained from the NC National Heritage Program through a MOU. Dataset was obtained as shapefile and converted to Geodatabase.

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 Contact information ▲](#)

[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 ►

PHONE

VOICE 919-707-6146

ADDRESS

TYPE

DELIVERY POINT Century Center Building B, 1020 Birch Ridge Drive

CITY Raleigh

ADMINISTRATIVE AREA NC

POSTAL CODE 27610

COUNTRY US

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[Hide Contact information ▲](#)

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

* NAME File Geodatabase Feature Class

VERSION 10.5

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT NHEO ►

* TYPE Feature Class

* ROW COUNT 14493

DEFINITION SOURCE

NHP

DEFINITION

Occurrences of rare plants and animals, exemplary or unique natural communities, and important animal assemblages.

FIELD OBJECTID ►

* ALIAS FID

* 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 SciName ►

ALIAS ScientificName

* DATA TYPE String

* WIDTH 68

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Scientific Name.

The Scientific Name of plants follow those used in "Flora of the Southern and Mid-Atlantic States" by Alan Weakley (May 2015 draft). For the most part, animal scientific names follow those found in NatureServe Explorer (<http://www.natureserve.org/explorer/>). Names of natural communities are from a "Guide to the Natural Communities of North Carolina, Fourth Approximation" by Michael P. Schafale, 2012.

DESCRIPTION SOURCE

NHP

[Hide Field SciName ▲](#)

FIELD EOStatus ►

- * ALIAS EOStatus
- * DATA TYPE String
- * WIDTH 10
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Elemental Occurrence Status

The Element Occurrence Status is assigned by NHP and summarizes what is known about the status of the record

DESCRIPTION SOURCE

NHP

LIST OF VALUES

VALUE Current

DESCRIPTION The occurrence was observed recently.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE Historical

DESCRIPTION

Either the element has not been found in recent surveys; or it has not been surveyed recently enough to be confident they are still present; or the occurrence is thought to be destroyed.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE Obscure

DESCRIPTION The date the element was last observed is uncertain.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

[Hide Field EOStatus ▲](#)

FIELD NCStatus ►

- * ALIAS NCStatus
- * DATA TYPE String
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

North Carolina Status

The North Carolina Status

is the protection status of the element in the State of North Carolina. Definitions of the protection statuses for plants and animals differ. Animal protection statuses are designated by the Wildlife Resources Commission and the Natural Heritage Program (NC Department of Natural and Cultural Resources). Endangered, Threatened, and Special Concern species of mammals, birds, reptiles, amphibians, freshwater fishes, and freshwater and terrestrial mollusks have legal protection status in North

Carolina (Wildlife Resources Commission). Significantly Rare designations indicate rarity and the need for population monitoring and conservation action. However, it is a nonregulatory NC Natural Heritage Program designation.

Plant protection statuses are determined by the Plant Conservation Program (NC Department of Agriculture) and the Natural Heritage Program (NC Department of Natural and Cultural Resources).

Endangered, Threatened, and Special Concern species are protected by state law (Plant Protection and Conservation Act, 1979). Significantly Rare designations indicate rarity and the need for population monitoring and conservation action. However, it is a nonregulatory NC Natural Heritage Program designation.

DESCRIPTION SOURCE

NHP

LIST OF VALUES

VALUE E

DESCRIPTION Endangered

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE T

DESCRIPTION Threatened

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE SC

DESCRIPTION Special Concern

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE SR

DESCRIPTION Significantly Rare

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE SR-G

DESCRIPTION Game Animal

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE SC-V

DESCRIPTION Special Concern Vulnerable

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE SC-H

DESCRIPTION Special Concern Historical

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE SR-L

DESCRIPTION Limited

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE SR-T

DESCRIPTION Throughout

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE SR-D

DESCRIPTION Disjunct

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE SR-P

DESCRIPTION Peripheral

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE SR-O

DESCRIPTION Other

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE W
DESCRIPTION Watch List
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

[Hide Field NCStatus ▲](#)

FIELD **USAStatus** ►

* ALIAS USAStatus
* DATA TYPE String
* WIDTH 12
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION
Federal Status

The Federal Status of an element is designated by the U.S. Fish and Wildlife Service. Federally-listed Endangered and Threatened species are protected under the provisions of the Endangered Species Act of 1973, as amended through the 100th Congress. Unless otherwise noted, definitions are taken from the Federal Register, Vol. 56, No. 225, November 21, 1991 (50 CFR Part 17).

DESCRIPTION SOURCE
NHP

LIST OF VALUES

VALUE E
DESCRIPTION Endangered
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE T
DESCRIPTION Threatened
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE T(S/A)
DESCRIPTION Threatened due to Similarity of Appearance
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE C
DESCRIPTION Candidate
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE BGPA
DESCRIPTION Bald and Golden Eagle Protection Act
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE FSC
DESCRIPTION Federal Species of Concern (also known as "At Risk Species")
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE T-4(d)
DESCRIPTION Threatened, with an Interim 4(d) Rule
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE XN
DESCRIPTION Nonessential Experimental Population
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE P
DESCRIPTION Proposed
ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

[Hide Field USAStatus ▲](#)

FIELD [DataSens ▶](#)

- * ALIAS DataSens
- * DATA TYPE String
- * WIDTH 1
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Data Sensitive Element

Data Sensitive Element indicates whether an element is subject to poaching or harassment.

DESCRIPTION SOURCE

NHP

LIST OF VALUES

VALUE Yes

DESCRIPTION Yes, information on element is sensitive.

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

VALUE No

DESCRIPTION No, information is not sensitive

ENUMERATED DOMAIN VALUE DEFINITION SOURCE NHP

[Hide Field DataSens ▲](#)

FIELD [DataDate ▶](#)

- * ALIAS DataDate
- * DATA TYPE String
- * WIDTH 10
- * PRECISION 0
- * SCALE 0

FIELD DESCRIPTION

Data Date

The Data Date is the date the record was exported from the North Carolina Natural Heritage Program's database.

Format of the date is: yyyy-mm-dd.

DESCRIPTION SOURCE

NHP

[Hide Field DataDate ▲](#)

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 ▲](#)

FIELD ComName ►

ALIAS CommonName

* DATA TYPE String

* WIDTH 55

* PRECISION 0

* SCALE 0

FIELD DESCRIPTION

Common Name

The Common Name of plant names generally follow those used in "Flora of the Southern and Mid-Atlantic States" by Alan Weakley (2018 draft). For the most part, animal names follow those found in NatureServe Explorer (www.natureserve.org/explorer/). Natural communities do not have common names.

DESCRIPTION SOURCE

NHP

[Hide Field ComName ▲](#)

[Hide Details for object NHEO ▲](#)

[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 2024-07-29

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 2024-07-29 11:54:39
LAST MODIFIED IN ARCGIS FOR THE ITEM 2024-07-29 13:10:55

AUTOMATIC UPDATES

HAVE BEEN PERFORMED **Yes**
LAST UPDATE 2024-07-29 13:10:55

[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 **Century Center Building B, 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

Annual 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

CONTACT INFORMATION ►

PHONE

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DELIVERY POINT Century Center Building B, 1020 Birch Ridge Drive

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[Hide Contact information ▲](#)

[Hide Metadata Maintenance ▲](#)

Metadata Constraints ►

SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

LIMITATIONS OF USE

The North Carolina Department of Transportation shall not be held liable for any errors in this metadata. 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.

Datasets developed under Project ATLAS do not replace any NRTR field 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.

CONSTRAINTS

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[Hide Metadata Constraints ▲](#)