

NC County Boundary, February 2024 - NC Department of Transportation

Geodatabase Feature Class



Tags County, Boundary, Transportation, NCDOT, Environment, Location, North Carolina, ATLAS

Summary

This dataset was originally created in January 2019, only metadata was updated in February 2024.

Description

This layer displays county boundary polygons in the state of North Carolina.

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 ATLAS Environmental Analysis Unit (EAU) within NCDOT was tasked to create this dataset. Updates are not planned.

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 -75.416032

North 36.617254

South 33.730554

Scale Range

Maximum (zoomed in) 1:5,000

Minimum (zoomed out) 1:625,000

Topics and Keywords

Themes or categories of the resource Boundaries, Biota, Environment, Location, Transportation

Content type Downloadable Data

Export to FGDC CSDGM XML format as Resource Description No

Theme keywords County, Boundary, Transportation, NCDOT, Environment, Location, North Carolina, ATLAS

Thesaurus

Title User

Publication date 2024-02-23 00:00:00

Creation date 2019-01-01 00:00:00

Place keywords North Carolina

Thesaurus

Title User

Publication date 2024-02-23 00:00:00

Creation date 2019-01-01 00:00:00

Citation

Title NC County Boundary, February 2024 - NC Department of Transportation

Publication date 2024-02-23 00:00:00

Creation date 2019-01-01 00:00:00

Presentation formats digital map

FGDC geospatial presentation format vector digital data

Citation Contacts

Responsible party - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

Address

Type physical

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.

Responsible party - resource provider

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

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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 10.5.1.7333

Credits

The ATLAS Environmental Analysis Unit (EAU) within NCDOT was tasked to create this dataset. Updates are not planned.

Extents

Extent

Description

Data collection is complete.

Geographic extent

Bounding rectangle

Extent type Extent used for searching

West longitude -84.422109

East longitude -75.416032

North latitude 36.617254

South latitude 33.730554

Extent contains the resource Yes

Temporal extent

Beginning date 2024-02-23 00:00:00

Ending date 2024-02-23 00:00:00

Extent in the item's coordinate system

westBL 406832.628358

eastBL 3052480.022092

southBL 34987.950232

northBL 1043624.415895

exTypeCode Yes

Resource Points of Contact

Point of contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

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Resource Maintenance

Resource maintenance

Update frequency not planned

Scope of the updates dataset

Maintenance contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

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Resource Constraints

Legal constraints

Limitations of use

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Security constraints

Classification unclassified

Classification system None

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Spatial Reference

ArcGIS coordinate system

Type Projected

Data Quality

Scope of quality information

Resource level dataset

Data quality report - Conceptual consistency

Data quality measure reference

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

Data quality report - Completeness omission

Data quality measure reference

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

Data quality report - Quantitative attribute accuracy

Data quality measure reference

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

Lineage

Lineage statement

County Boundaries were recieved from the NCDOT GIS Unit.

Process step

Description

Data was received from the NCDOT GISU and converted to geodatabase.

Process contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

Address

Type physical

Delivery point Century Center Building B, 1020 Birch Ridge Drive

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Process step

Description

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

Process contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

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Process step

Description

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

Process contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

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Distribution

Distributor

Contact information - distributor

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

Contact information

Phone

Voice 919-707-6136

Address

Type physical

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Distribution format

Name File Geodatabase Feature Class

Version 10.5

Fields

Details for object GdbGisuPubC.ATLAS.CountyBnd

Type Feature Class

Row count 100

Definition

Polygon data representing county boundary polygons which are utilized to easily assess which endangered species are located within each county.

Definition source

NCDOT

Field OBJECTID

Alias OBJECTID

Data type OID

Width 4

Precision 10

Scale 0

Field description

Internal feature number.

Description source

Esri

Description of values

Sequential unique whole numbers that are automatically generated.

Field Shape

Alias Shape

Data type Geometry

Width 4

Precision 0

Scale 0

Field description

Feature geometry.

Description source

ESRI

Description of values

Coordinates defining the features.

Field County

Alias County

Data type String

Width 15

Precision 0

Scale 0

Field description

County Name

Description source

NCDOT

Field Shape.STArea()

Alias Shape.STArea()

Data type Double

Width 0

Precision 0

Scale 0

Field Shape.STLength()

Alias Shape.STLength()

Data type Double

Width 0

Precision 0

Scale 0

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 2019-01-23

ArcGIS metadata properties

Metadata format ArcGIS 1.0

Standard or profile used to edit metadata ISO19139

Metadata style ISO 19139 Metadata Implementation Specification

Created in ArcGIS for the item 2026-08-26 14:39:59

Last modified in ArcGIS for the item 2025-12-10 14:59:01

Automatic updates

Have been performed Yes

Last update 2025-12-10 14:59:01

Metadata Contacts

Metadata contact - point of contact

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

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Voice 919-707-6136

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Metadata Maintenance

Maintenance

Update frequency not planned

Maintenance contact - originator

Organization's name North Carolina Department of Transportation - EAU Mitigation and Modeling Unit

Contact's position Environmental Program Consultant

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Metadata Constraints

Security constraints

Classification unclassified

Classification system None

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Thumbnail and Enclosures

Thumbnail

Thumbnail type

Image file