

North Carolina State Boundary, 2020 - NC Department of Transportation / NC Geodetic Survey

Feature Class



Tags

North Carolina, Boundary, County, County, Boundaries, Division, DOT Division

Summary

Base Mapping for State Boundary Polygon. This feature class allows the entire state to be viewed as one polygon.

Description

State Boundary Polygon as selected from the County Boundary feature class. Refer to the 'County Boundary as Lines' to find out the source of the lines using the field attribute for 'DESC'. Most of the lines currently are from the DOT county maps which originally come from USGS but might have been updated by the county parcel maps.

Credits

North Carolina Geodetic Survey, North Carolina Department of Transportation

Use limitations

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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) 1:150,000,000

[ArcGIS Metadata](#) ►

Topics and Keywords ▶

THEMES OR CATEGORIES OF THE RESOURCE boundaries

CONTENT TYPE Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS North Carolina, County, Division

THESAURUS ▶

TITLE User

PUBLICATION DATE 2021-02-15 00:00:00

Hide Thesaurus ▲

STRATUM KEYWORDS County

THESAURUS ▶

TITLE User

PUBLICATION DATE 2021-02-15 00:00:00

Hide Thesaurus ▲

THEME KEYWORDS Boundary, Boundaries, DOT Division

THESAURUS ▶

TITLE ISO 19115 Topic Category

PUBLICATION DATE 2021-02-15 00:00:00

Hide Thesaurus ▲

Hide Topics and Keywords ▲

Citation ▶

TITLE North Carolina State Boundary, 2020 - NC Department of Transportation / NC Geodetic Survey

PUBLICATION DATE 2021-02-15 00:00:00

PRESENTATION FORMATS digital map

[Hide Citation ▲](#)

Citation Contacts ▶

RESPONSIBLE PARTY

INDIVIDUAL'S NAME Steven Kaufman

ORGANIZATION'S NAME North Carolina Geodetic Survey

CONTACT'S POSITION GIS Manager

CONTACT'S ROLE originator

CONTACT INFORMATION ▶

PHONE

VOICE 919-733-3836

FAX 919-733-4407

ADDRESS

TYPE

DELIVERY POINT 4105 Reedy Creek Road

DELIVERY POINT 4298 MSC, Raleigh, NC 27699-4298

CITY Raleigh

ADMINISTRATIVE AREA NC

POSTAL CODE 27607

COUNTRY US

E-MAIL ADDRESS steve.kaufman@ncdps.gov

[Hide Contact information ▲](#)

[Hide Citation Contacts ▲](#)

Resource Details ▶

DATASET LANGUAGES English (UNITED STATES)

DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

STATUS on-going

SPATIAL REPRESENTATION TYPE vector

CREDITS

North Carolina Geodetic Survey, North Carolina Department of Transportation

ARCGIS ITEM PROPERTIES

NAME BoundaryStateNCPolygon

Hide Resource Details ▲

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -84.422111

EAST LONGITUDE -75.416034

SOUTH LATITUDE 33.730557

NORTH LATITUDE 36.617257

EXTENT

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

EXTENT

DESCRIPTION

publication date

EXTENT

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

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 406832.628358

* EAST LONGITUDE 3052480.022092

* SOUTH LATITUDE 34987.950232

* NORTH LATITUDE 1043624.415895

* EXTENT CONTAINS THE RESOURCE Yes

Hide Extents ▲

Resource Points of Contact ►

POINT OF CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

PHONE

VOICE 919.707.2165

FAX 919.707.2210

ADDRESS

TYPE

DELIVERY POINT 4101 Capital Boulevard

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ADMINISTRATIVE AREA North Carolina

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HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

Hide Contact information ▲

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[Hide Resource Points of Contact ▲](#)

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

[Hide Resource Maintenance ▲](#)

Resource Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

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SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

ADDITIONAL RESTRICTIONS

Standard Technical Controls

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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 3048.0060960121918

Z ORIGIN 0

Z SCALE 1

M ORIGIN 0

M SCALE 1

XY TOLERANCE 0.0032808333333333331

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 BoundaryStateNCPolygon

* OBJECT TYPE composite

* OBJECT COUNT 0

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME BoundaryStateNCPolygon

* FEATURE TYPE Simple

* GEOMETRY TYPE Polygon

* HAS TOPOLOGY FALSE

* FEATURE COUNT 0

* 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

Features have been checked for completeness. There are no measurement, precision, spatial, or data schema standards assigned to this data set.

Hide Data quality report - Completeness omission ▲

DATA QUALITY REPORT - CONCEPTUAL CONSISTENCY ▶

MEASURE DESCRIPTION

Tests for integrity have not been performed.

Hide Data quality report - Conceptual consistency ▲

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY ▶

MEASURE DESCRIPTION

Data were collected using various methods of varying accuracy. Majority of data was obtained from NC Department of Transportation that included scaled data from USGS quadrangles as well as some ground survey information. North Carolina Geodetic Survey verified and updated any of the lines that have been surveyed and approved by the respective counties.

Hide Data quality report - Absolute external positional accuracy ▲

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY ▶

MEASURE DESCRIPTION

N/A

Hide Data quality report - Absolute external positional accuracy ▲

DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY ▶

MEASURE DESCRIPTION

There are no measurement, precision, spatial, or data schema standards assigned to this data set.

Hide Data quality report - Quantitative attribute accuracy ▲

Hide Data Quality ▲

Lineage ▶

PROCESS STEP ▶

WHEN THE PROCESS OCCURRED 2021-02-15 00:00:00

DESCRIPTION

Data was converted from NCGS to a Feature Class using Python code. Code is not provided but it basically builds polygons and joins basic attributes for all county.

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE processor

CONTACT INFORMATION ▶

PHONE

VOICE 919.707.2165

FAX 919.707.2210

ADDRESS

DELIVERY POINT 4101 Capital Boulevard

CITY Raleigh

ADMINISTRATIVE AREA North Carolina

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS gishelp@ncdot.gov

HOURS OF SERVICE

8am to 5pm, M-F

CONTACT INSTRUCTIONS

Phone or e-mail.

Hide Contact information ▲

Hide Process step ▲

PROCESS STEP ►

WHEN THE PROCESS OCCURRED 2021-02-15 00:00:00

DESCRIPTION

Process metadata for publication

PROCESS CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE processor

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Hide Process step ▲

Hide Lineage ▲

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE distributor

CONTACT INFORMATION ►

PHONE

VOICE 919.707.2165

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CONTACT INSTRUCTIONS

Phone or e-mail.

Hide Contact information ▲

TRANSFER OPTIONS

ONLINE SOURCE

LOCATION <https://connect.ncdot.gov/resources/gis/Pages/GIS-Data-Layers.aspx>

Hide Distributor ▲

DISTRIBUTION FORMAT

NAME Feature Class

VERSION 10.5.1

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT [BoundaryStateNCPolygon ►](#)

* TYPE Feature Class

* ROW COUNT 0

DEFINITION

Polygon data representing all North Carolina state boundary.

DEFINITION SOURCE

NCDOT

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.

Hide Field Shape ▲

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.

Hide Field OBJECTID ▲

FIELD Shape.STArea() ►

- * ALIAS Shape.STArea()
- * DATA TYPE Double
- * WIDTH 0
- * PRECISION 0
- * SCALE 0

Hide Field Shape.STArea() ▲

FIELD Shape.STLength() ►

- * ALIAS Shape.STLength()
- * DATA TYPE Double
- * WIDTH 0
- * PRECISION 0
- * SCALE 0

Hide Field Shape.STLength() ▲

Hide Details for object BoundaryStateNCPolygon ▲

Hide Fields ▲

Metadata Details ►

METADATA LANGUAGE English (UNITED STATES)

METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

METADATA IDENTIFIER A90AE51E-AD99-4B2F-9629-4A77F95558AB

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset

SCOPE NAME dataset

LAST UPDATE 2020-12-29

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

STANDARD OR PROFILE USED TO EDIT METADATA ISO19139

CREATED IN ARCGIS FOR THE ITEM 2018-01-12 12:45:40

LAST MODIFIED IN ARCGIS FOR THE ITEM 2020-12-29 16:30:57

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2020-12-29 14:21:27

[Hide Metadata Details ▲](#)

Metadata Contacts ►

METADATA CONTACT

ORGANIZATION'S NAME North Carolina Department of Transportation Geographic Information Systems Unit

CONTACT'S POSITION GIS Help Desk

CONTACT'S ROLE point of contact

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[Hide Metadata Contacts ▲](#)

Metadata Maintenance ►

MAINTENANCE

UPDATE FREQUENCY as needed

[Hide Metadata Maintenance ▲](#)

Metadata Constraints ►

LEGAL CONSTRAINTS

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CLASSIFICATION SYSTEM None

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Hide Metadata Constraints ▲

Thumbnail and Enclosures ▶

THUMBNAIL

THUMBNAIL TYPE JPG

Hide Thumbnail and Enclosures ▲