North Carolina County Boundary Arcs, 2019 - NC Department of Transportation / NC Geodetic Survey

SDE Feature Class

Tags

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

Summary

Base Mapping for County Boundary Lines. This feature class allows lines to be symbolized with the standard county line pattern.

Description

The North Carolina Geodetic Survey developed the GIS data set, County Boundaries, surveyed to facilitate planning, siting and impact analysis in the 100 individual counties of North Carolina. This file shows some of the boundaries of counties which have a completed boundary survey, but the majority of lines have not been surveyed. Also, some boundaries cannot be surveyed in cases where boundaries are coincident with river centers. 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   2020-02-17

  Hide Thesaurus ▲

STRATUM KEYWORDS   County

  THESAURUS   ▶

  TITLE   User

  PUBLICATION DATE   2020-02-17   00:00:00

  Hide Thesaurus ▲

THEME KEYWORDS   DOT Division, Boundary

  THESAURUS   ▶

  TITLE   ISO 19115 Topic Category

  PUBLICATION DATE   2020-02-17   00:00:00

  Hide Thesaurus ▲

Hide Topics and Keywords ▲

Citation ▶

TITLE   North Carolina County Boundary Arcs, 2019 - NC Department of Transportation / NC Geodetic Survey

PUBLICATION DATE   2020-02-17

PRESENTATION FORMATS   digital map
FGDC GEOSPATIAL PRESENTATION FORMAT   vector digital data

Hide Citation ▲

Citation Contacts ▶

RESPONSIBLE PARTY

ORGANIZATION'S NAME   NC-DOT GIS

CONTACT'S ROLE   originator

Hide Citation Contacts ▲

Resource Details ▶

DATASET LANGUAGES   English (UNITED STATES)

DATASET CHARACTER SET   utf8 - 8 bit UCS Transfer Format

STATUS   under development
SPATIAL REPRESENTATION TYPE   vector

* PROCESSING ENVIRONMENT   Version 6.2 (Build 9200) ; Esri ArcGIS 10.5.1.7333

CREDITS
     North Carolina Geodetic Survey, North Carolina Department of Transportation

ARCGIS ITEM PROPERTIES

NAME   BoundaryCountyArc

* SIZE   9.224

Hide Resource Details ▲

Extents ▶

EXTENT

DESCRIPTION

     publication date

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

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   both

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 Resource Points of Contact ▲

Resource Maintenance ▶

RESOURCE MAINTENANCE

UPDATE FREQUENCY   annually

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   3048.0060960121928

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",36.16
666666666666],PARAMETER["Latitude_Of_Origin",33.75],UNIT["Foot_US",0.3048006096012192],AUTHO
RITY["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   BoundaryCountyArc

* OBJECT TYPE   composite

* OBJECT COUNT   302

Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES   ▶

FEATURE CLASS NAME   BoundaryCountyArc

* FEATURE TYPE   Simple

* GEOMETRY TYPE   Polyline

* HAS TOPOLOGY   FALSE

* FEATURE COUNT   302

* SPATIAL INDEX   TRUE

* LINEAR REFERENCING   FALSE

Hide ArcGIS Feature Class Properties ▲

Data Quality ▶

SCOPE OF QUALITY INFORMATION ▶

RESOURCE LEVEL dataset

DATA QUALITY REPORT - CONCEPTUAL CONSISTENCY ▶

MEASURE DESCRIPTION

Tests for integrity have not been performed.

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.

DATA QUALITY REPORT - QUANTITATIVE ATTRIBUTE ACCURACY ▶

MEASURE DESCRIPTION

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

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY ▶

DIMENSION   horizontal

MEASURE DESCRIPTION

Data were collected using various methods of varying accuracy. Majority of data was obtained from NC Department of Transportation that inculded 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   ▶

DIMENSION   vertical

MEASURE DESCRIPTION

N/A

Hide Data quality report - Absolute external positional accuracy ▲

Hide Data Quality ▲

Lineage ▶

PROCESS STEP   ▶

WHEN THE PROCESS OCCURRED   2020-02-17

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

INDIVIDUAL'S NAME   GIS Help Desk

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

CONTACT'S ROLE   processor

CONTACT INFORMATION   ▶

PHONE

VOICE   919.707.2165

FAX   919.707.2210

ADDRESS

TYPE

DELIVERY POINT   4101 Capital Boulevard

CITY   Raleigh

ADMINISTRATIVE AREA   NC

POSTAL CODE   27604

COUNTRY   US

E-MAIL ADDRESS   gishelp@ncdot.gov

HOURS OF SERVICE

8 am to 5 pm, M-F

Hide Contact information ▲

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

FAX   919.707.2210

ADDRESS

TYPE   both

DELIVERY POINT   4101 Capital Boulevard

CITY   Raleigh

ADMINISTRATIVE AREA   North Carolina

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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 Distributor ▲

DISTRIBUTION FORMAT
NAME   Feature Class

VERSION   10.5.1

Hide Distribution ▲

Fields ▶

DETAILS FOR OBJECT BoundaryCountyArc ▶

* TYPE   Feature Class

* ROW COUNT   302

DEFINITION

Name

DEFINITION SOURCE

NC DOT

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 ►

* 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 CountyLef ►

* ALIAS   CountyLef

* DATA TYPE   String

* WIDTH   255

* PRECISION   0

* SCALE   0

Hide Field CountyLef ▲

FIELD CountyRig ►

* ALIAS   CountyRig

* DATA TYPE   String

* WIDTH   255

* PRECISION   0

* SCALE   0

Hide Field CountyRig ▲

FIELD Shape.STLength() ►

* ALIAS   Shape.STLength()

* DATA TYPE   Double

* WIDTH   0

* PRECISION   0

* SCALE   0

Hide Field Shape.STLength() ▲

Hide Details for object BoundaryCountyArc ▲

ENTITY AND ATTRIBUTE OVERVIEW

County boundary arcs

ENTITY AND ATTRIBUTE DETAIL CITATION
North Carolina Geodetic Survey and NCDOT

Hide Overview Description ▲

Hide Fields ▲

Metadata Details ►

METADATA LANGUAGE   English (UNITED STATES)

METADATA CHARACTER SET   utf8 - 8 bit UCS Transfer Format

METADATA IDENTIFIER   2DAD365A-FA7D-4D0C-B600-DFA8D59F133E

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

* LAST UPDATE   2020-01-08

ARCGIS METADATA PROPERTIES
METADATA FORMAT   ArcGIS 1.0

STANDARD OR PROFILE USED TO EDIT METADATA   ISO19139

METADATA STYLE   FGDC CSDGM Metadata

CREATED IN ARCGIS FOR THE ITEM   2019-12-12   09:32:04
LAST MODIFIED IN ARCGIS FOR THE ITEM   2020-01-08   10:40:16

AUTOMATIC UPDATES
HAVE BEEN PERFORMED   Yes

LAST UPDATE   2020-01-08   10:40:16

Hide Metadata Details ▲

Metadata Contacts ►

METADATA CONTACT

INDIVIDUAL'S NAME   GIS Help Desk

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   ▶

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CONTACT INSTRUCTIONS

Phone or e-mail.

Hide Contact information ▲

Hide Metadata Contacts ▲

Metadata Maintenance   ▶

MAINTENANCE

UPDATE FREQUENCY   annually

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Metadata Constraints ▶

SECURITY CONSTRAINTS

CLASSIFICATION   unclassified

CLASSIFICATION SYSTEM   None

LIMITATIONS OF USE

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Hide Metadata Constraints ▲

Thumbnail and Enclosures ▶

THUMBNAIL

THUMBNAIL TYPE   JPG

Hide Thumbnail and Enclosures ▲