North Carolina Transportation Division Boundaries, 2021 - NC Department of Transportation / NC Geodetic Survey

SDE Feature Class

Tags

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

Summary

Base Mapping for NCDOT Division Boundary Polygons. This feature class allows 14 division polygons to be symbolized.

Description

North Carolina Dept. of Transportation Division Polygons 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   2022-02-14   00:00:00

  Hide Thesaurus ▲

STRATUM KEYWORDS   County

  THESAURUS   ►

    TITLE   User

    PUBLICATION DATE   2022-02-14   00:00:00

  Hide Thesaurus ▲

THEME KEYWORDS   Boundary, DOT Division, Boundaries

  THESAURUS   ►

    TITLE   ISO 19115 Topic Category

    PUBLICATION DATE   2022-02-14   00:00:00

  Hide Thesaurus ▲

Hide Topics and Keywords ▲

Citation ►

TITLE   North Carolina Transportation Division Boundaries, 2021 - NC Department of Transportation / NC
Geodetic Survey

PUBLICATION DATE 2022-02-14 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   4298 MSC, Raleigh, NC 27699-4298

DELIVERY POINT   4105 Reedy Creek Road

CITY   Raleigh

ADMINISTRATIVE AREA   NC

POSTAL CODE   27607

COUNTRY   US

E-MAIL ADDRESS   steve.kaufman@ncdps.gov

CONTACT INSTRUCTIONS

http://www.ncgs.state.nc.us

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

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   BoundaryDOTDivision

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

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.

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POINT OF CONTACT

INDIVIDUAL'S NAME Steven Kaufman

ORGANIZATION'S NAME North Carolina Geodetic Survey

CONTACT'S POSITION GIS Manager

CONTACT'S ROLE point of contact

CONTACT INFORMATION ►

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CONTACT INSTRUCTIONS

http://www.ncgs.state.nc.us

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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CONSTRAINTS

LIMITATIONS OF USE

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   BoundaryDOTDivision

* OBJECT TYPE   composite

* OBJECT COUNT   14

Hide Vector ▲

ARCGIS FEATURE CLASS PROPERTIES   ▶

FEATURE CLASS NAME   BoundaryDOTDivision

* FEATURE TYPE   Simple

* GEOMETRY TYPE   Polygon

* HAS TOPOLOGY   FALSE

* FEATURE COUNT   14

* 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

Various sources with varying degree of accuracy have been used over time to create/update this dataset. NCDOT used best available information at the time of editing.

Hide Data quality report - Absolute external positional accuracy ▲

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY ▶

MEASURE DESCRIPTION

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 - 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   2022-02-14   00:00:00

DESCRIPTION

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

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

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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 Process step ▲

PROCESS STEP   ▶

WHEN THE PROCESS OCCURRED   2022-02-14   00:00:00

DESCRIPTION

Review and Prep 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

CONTACT INFORMATION   ▶

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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 ►

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FAX   919.707.2210

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AVAILABLE FORMAT
NAME   Shape File

VERSION   10.5.1

TRANSFER OPTIONS
ONLINE SOURCE

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

Hide Distribution ▲

Fields ▶

DETAILS FOR OBJECT BoundaryDOTDivision ▶

* TYPE   Feature Class

* ROW COUNT   14

Polygon data representing all North Carolina Division boundaries.

NCDOT

FIELD DIV_NBR ▶

* ALIAS   DIV_NBR

* DATA TYPE   SmallInteger

* WIDTH   2

* PRECISION   5

* SCALE   0

Hide Field DIV_NBR ▲

FIELD DOTDivisionID ▶

* ALIAS   DOTDivisionID

* DATA TYPE   SmallInteger

* WIDTH   2

* PRECISION   5

* SCALE   0

Hide Field DOTDivisionID ▲

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 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 BoundaryDOTDivision ▲

Hide Fields ▲

Metadata Details ▶

METADATA LANGUAGE English (UNITED STATES)

METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

METADATA IDENTIFIER 49AE0BE5-37E2-4FC3-8F0A-427BBC8EE69A

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

LAST UPDATE 2021-12-09

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 12:45:25
  LAST MODIFIED IN ARCGIS FOR THE ITEM 2021-12-14 15:39:25

  AUTOMATIC UPDATES
    HAVE BEEN PERFORMED Yes

    LAST UPDATE 2021-12-14 15:39:25

Metadata Contacts ▶

METADATA CONTACT

INDIVIDUAL'S NAME Steven Kaufman

ORGANIZATION'S NAME   North Carolina Geodetic Survey

CONTACT'S POSITION   GIS Manager

CONTACT'S ROLE   point of contact

CONTACT INFORMATION   ▶

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COUNTRY   US

E-MAIL ADDRESS   steve.kaufman@ncdps.gov

CONTACT INSTRUCTIONS

http://www.ncgs.state.nc.us

Metadata Maintenance ▶

MAINTENANCE

UPDATE FREQUENCY annually

Hide Metadata Maintenance ▲

Metadata Constraints ►

LEGAL CONSTRAINTS

LIMITATIONS OF USE

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SECURITY CONSTRAINTS

CLASSIFICATION unclassified

CLASSIFICATION SYSTEM None

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Hide Metadata Constraints ▲

Thumbnail and Enclosures ►

THUMBNAIL

THUMBNAIL TYPE JPG

Hide Thumbnail and Enclosures ▲