

# North Carolina State and County Boundary with Shoreline, 2021 - NC Department of Transportation / NC Geodetic Survey

SDE Feature Class



## Tags

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

## Summary

Base Mapping for County Boundary Polygons with Shoreline. This feature class allows polygons to be symbolized with the major sea level hydrography shown in the same layer.

## Description

County Boundary as Polygons which were combined with a generalized version of the USGS 1:100,000 hydrography for the sounds and the outer bands. 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

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.

## Extent

**West** -84.422109    **East** -75.055735

**North** 36.617254    **South** 33.491764

## 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 Division, North Carolina, County

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 DOT Division, Boundary

THESAURUS ▶

TITLE ISO 19115 Topic Category

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

*Hide Thesaurus ▲*

*Hide Topics and Keywords ▲*

## Citation ▶

TITLE North Carolina State and County Boundary with Shoreline, 2021 - NC Department of Transportation / NC Geodetic Survey

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

PRESENTATION FORMATS digital map

FGDC GEOSPATIAL PRESENTATION FORMAT vector digital data

*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](mailto: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 BoundaryCountyShoreline

*Hide Resource Details ▲*

## Extents ▶

### EXTENT

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

WEST LONGITUDE -84.422109

EAST LONGITUDE -75.055735

SOUTH LATITUDE 33.491764

NORTH LATITUDE 36.617254

### EXTENT

#### DESCRIPTION

Date data was obtained from State Authoritative Rail and Highway (SARAH) database.

#### TEMPORAL EXTENT

DATE AND TIME 2018-11-12

### EXTENT

#### GEOGRAPHIC EXTENT

##### BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

\* WEST LONGITUDE -84.422109

\* EAST LONGITUDE -75.055735

\* NORTH LATITUDE 36.617254

\* SOUTH LATITUDE 33.491764

\* EXTENT CONTAINS THE RESOURCE Yes

#### EXTENT IN THE ITEM'S COORDINATE SYSTEM

\* WEST LONGITUDE 406832.628358

\* EAST LONGITUDE 3158392.499899

\* SOUTH LATITUDE -52051.558431

\* NORTH LATITUDE 1043624.415895

\* EXTENT CONTAINS THE RESOURCE Yes

*Hide Extents ▲*

## Resource Points of Contact ►

#### 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 ►

##### PHONE

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FAX 919-733-4407

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CITY Raleigh

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*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 3048.0060960121918

Z ORIGIN 0

Z SCALE 1

M ORIGIN 0

M SCALE 1

XY TOLERANCE 0.100000000000000002

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 BoundaryCountyShoreline

- \* OBJECT TYPE composite
- \* OBJECT COUNT 128

*Hide Vector ▲*

#### ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME BoundaryCountyShoreline

- \* FEATURE TYPE Simple
- \* GEOMETRY TYPE Polygon
- \* HAS TOPOLOGY FALSE
- \* FEATURE COUNT 128
- \* 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 - CONCEPTUAL CONSISTENCY ▶

MEASURE DESCRIPTION

Tests for integrity have not been performed.

*Hide Data quality report - Conceptual consistency ▲*

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 - 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 ▲*

DATA QUALITY REPORT - ABSOLUTE EXTERNAL POSITIONAL ACCURACY ▶

DIMENSION **horizontal**

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 ▲](#)

[Hide Data Quality ▲](#)

## Lineage ►

### PROCESS STEP ►

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

#### DESCRIPTION

Data was downloaded from NCGS and converted 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

TYPE both

DELIVERY POINT 4101 Capital Blvd.

CITY Raleigh

ADMINISTRATIVE AREA North Carolina

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS [gishelp@ncdot.gov](mailto: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

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

CONTACT INFORMATION ▶

PHONE

VOICE 919.707.2165

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ADDRESS

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Phone or e-mail.

*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

POSTAL CODE 27604

COUNTRY US

E-MAIL ADDRESS [gishelp@ncdot.gov](mailto: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 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 [BoundaryCountyShoreline](#) ►

\* TYPE Feature Class

\* ROW COUNT 0

DEFINITION

Polygon data representing North Carolina shoreline boundaries.

DEFINITION SOURCE

NCDOT

FIELD WATER ►

\* ALIAS WATER

\* DATA TYPE String

\* WIDTH 1

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Water type Ocean, Sound, Land

*Hide Field WATER ▲*

FIELD DOTDivisionID ►

\* ALIAS DOTDivisionID

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 5

\* SCALE 0

*Hide Field DOTDivisionID ▲*

FIELD DOTDistrictID ►

\* ALIAS DOTDistrictID

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 5

\* SCALE 0

*Hide Field DOTDistrictID ▲*

FIELD NAME ►

\* ALIAS NAME

\* DATA TYPE String

\* WIDTH 15

\* PRECISION 0

\* SCALE 0

FIELD DESCRIPTION

Name of the county

*Hide Field NAME ▲*

FIELD UpperCountyName ►

\* ALIAS UpperCountyName

\* DATA TYPE String

\* WIDTH 15

\* PRECISION 0

\* SCALE 0

*Hide Field UpperCountyName ▲*

FIELD DIV\_NBR ►

\* ALIAS DIV\_NBR

\* DATA TYPE SmallInteger

\* WIDTH 2

\* PRECISION 5

\* SCALE 0

*Hide Field DIV\_NBR ▲*

#### FIELD FIPS ▶

- \* ALIAS FIPS
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* SCALE 0

#### FIELD DESCRIPTION

Federal FIPS code from 1 to 199 for each county but not the same order as the DOT-CODE because it puts McDowell County is before 4 counties (Macon, Madison, Martin, & Mecklenburg)

*Hide Field FIPS ▲*

#### FIELD CNTY\_NBR ▶

- \* ALIAS CNTY\_NBR
- \* DATA TYPE SmallInteger
- \* WIDTH 2
- \* PRECISION 5
- \* SCALE 0

*Hide Field CNTY\_NBR ▲*

#### FIELD CountyName ▶

- \* ALIAS CountyName
- \* DATA TYPE String
- \* WIDTH 15
- \* PRECISION 0
- \* SCALE 0

*Hide Field CountyName ▲*

#### 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 [DSTRCT\\_NBR](#) ▶

- \* ALIAS [DSTRCT\\_NBR](#)
- \* DATA TYPE [SmallInteger](#)
- \* WIDTH [2](#)
- \* PRECISION [5](#)
- \* SCALE [0](#)

[Hide Field DSTRCT\\_NBR](#) ▲

FIELD [SAP\\_CNTY\\_NBR](#) ▶

- \* ALIAS [SAP\\_CNTY\\_NBR](#)
- \* DATA TYPE [SmallInteger](#)
- \* WIDTH [2](#)
- \* PRECISION [5](#)
- \* SCALE [0](#)

[Hide Field SAP\\_CNTY\\_NBR](#) ▲

FIELD [SapCountyId](#) ▶

- \* ALIAS [SapCountyId](#)
- \* DATA TYPE [String](#)
- \* WIDTH [3](#)
- \* PRECISION [0](#)
- \* SCALE [0](#)

[Hide Field SapCountyId](#) ▲

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 BoundaryCountyShoreline](#) ▲

[Hide Fields](#) ▲

## Metadata Details ►

METADATA LANGUAGE English (UNITED STATES)

METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

METADATA IDENTIFIER B4542C12-5FA6-46FE-BAD0-838D657F02CB

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 2019-01-03 13:22:39

LAST MODIFIED IN ARCGIS FOR THE ITEM 2021-12-14 15:43:10

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2021-12-14 15:43:10

[Hide Metadata Details ▲](#)

## 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 ►

#### 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

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[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

## Metadata Maintenance ►

### MAINTENANCE

UPDATE FREQUENCY annually

[Hide Metadata Maintenance ▲](#)

## 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 ▲](#)