

## CurrituckNCDOTFlyoverImage.sid

**Data format:** Raster Dataset - MrSID

**File or table name:** CurrituckNCDOTFlyoverImage.sid

**Coordinate system:** Lambert Conformal Conic

**Theme keywords:** Roads.

**Abstract:** FEMA-DR-1969 - Currituck County tornado imagery flown by NCDOT Photogrammetry Unit

### FGDC and ESRI Metadata:

- [Identification Information](#)
- [Data Quality Information](#)
- [Spatial Data Organization Information](#)
- [Spatial Reference Information](#)
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Metadata elements shown with blue text are defined in the Federal Geographic Data Committee's (FGDC) [Content Standard for Digital Geospatial Metadata \(CSDGM\)](#). Elements shown with green text are defined in the [ESRI Profile of the CSDGM](#). Elements shown with a green asterisk (\*) will be automatically updated by ArcCatalog. ArcCatalog adds hints indicating which FGDC elements are mandatory; these are shown with gray text.

### Identification Information:

#### Citation:

##### Citation information:

**Originators:** NC DOT Photogrammetry Unit

##### \*Title:

CurrituckNCDOTFlyoverImage.sid

\***File or table name:** CurrituckNCDOTFlyoverImage.sid

**Publication date:** 20110428

**Publication time:** Unknown

\***Geospatial data presentation form:** raster digital data

#### Description:

##### Abstract:

FEMA-DR-1969 - Currituck County tornado imagery flown by NCDOT Photogrammetry Unit

##### Purpose:

To collect information for NCDOT debris and system management following the severe storms and tornados on April 16, 2011.

**Supplemental information:**

This is a Preliminary Georeferenced Image (PGI). Mosaic was Ortho-rectified using direct GPS/IMU georeferencing without surveyed ground control. 100' gridded LiDAR data was used as the elevation data source. Mosaic has not been edited, some image distortion and mismatches may be found, particularly along roads and bridges. There is also haze in the mosaic due to the flying height and prevailing weather conditions during imagery acquisition.

**\*Language of dataset:** en

**Time period of content:****Time period information:****Single date/time:**

**Calendar date:** 20110425

**Time of day:** unknown

**Currentness reference:**

ground condition

**Status:**

**Progress:** Complete

**Maintenance and update frequency:** None planned

**Spatial domain:****Bounding coordinates:**

**\*West bounding coordinate:** -75.856975

**\*East bounding coordinate:** -75.794125

**\*North bounding coordinate:** 36.132820

**\*South bounding coordinate:** 36.081819

**Local bounding coordinates:**

**\*Left bounding coordinate:** 2928589.047000

**\*Right bounding coordinate:** 2946589.047000

**\*Top bounding coordinate:** 881959.470000

**\*Bottom bounding coordinate:** 863959.470000

**Keywords:****Theme:**

**Theme keywords:** Roads.

**Theme keyword thesaurus:** ISO 19155

**Place:**

**Place keywords:** North Carolina, Currituck County

**Place keyword thesaurus:** none

**Access constraints:** none

**Use constraints:**

none

**Point of contact:****Contact information:****Contact person primary:**

**Contact person:** Keith Johnston, PE, PLS

**Contact organization:** NCDOT Photogrammetry Unit

**Contact position:** State Photogrammetric Engineer

**Contact address:**

**Address type:** mailing address

**Address:**

1585 Mail Service Center

**City:** Raleigh

**State or province:** NC

**Postal code:** 27699-1585

**Country:** USA

**Contact voice telephone:** 919-707-7093

**Contact facsimile telephone:** 919-707-7090

**Contact electronic mail address:** kjohnston@ncdot.gov

**Data set credit:**

NC DOT Photogrammetry Unit

\***Native dataset format:** Raster Dataset

\***Native data set environment:**

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 3; ESRI ArcCatalog  
9.3.1.4000

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## Data Quality Information:

**Lineage:**

**Process step:**

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## Spatial Data Organization Information:

\***Direct spatial reference method:** Raster

**Raster object information:**

\***Image format:** MrSID

\***Number of bands:** 3

\***Row count:** 24000

\***Column count:** 24000

\***Vertical count:** 1

\***Cell size X direction:** 0.750000

\***Cell size Y direction:** 0.750000

\***Bits per pixel:** 8

\***Pyramid layers:** TRUE

\***Image colormap:** FALSE

\***Compression type:** Wavelet (MG3)

- \***Raster object type:** Pixel
- \***Raster display type:** pixel codes
- \***Raster origin:** Upper Left

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## Spatial Reference Information:

### Horizontal coordinate system definition:

#### Coordinate system name:

- \***Projected coordinate system name:** NAD83 / North Carolina [ftUS]
- \***Geographic coordinate system name:** GCS\_North\_American\_1983

### Planar:

#### Map projection:

- \***Map projection name:** Lambert Conformal Conic

#### Lambert conformal conic:

- \***Standard parallel:** 36.166667
- \***Standard parallel:** 34.333333
- \***Longitude of central meridian:** -79.000000
- \***Latitude of projection origin:** 33.750000
- \***False easting:** 2000000.000000
- \***False northing:** 0.000000

#### Planar coordinate information:

- \***Planar coordinate encoding method:** row and column

#### Coordinate representation:

- \***Abscissa resolution:** 0.750000
- \***Ordinate resolution:** 0.750000
- \***Planar distance units:** survey feet

### Geodetic model:

- \***Horizontal datum name:** North American Datum of 1983
- \***Ellipsoid name:** Geodetic Reference System 80
- \***Semi-major axis:** 6378137.000000
- \***Denominator of flattening ratio:** 298.257222

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## Distribution Information:

### Distributor:

#### Contact information:

##### Contact organization primary:

Contact organization: NC DOT Photogrammetry Unit

##### Contact address:

Address type: mailing address

##### Address:

1585 Mail Service Center

City: Raleigh

State or province: NC

Postal code: 27603

**Country:** USA

**Contact voice telephone:** 919-707-7093

**Resource description:** Available upon request from NC DOT Photogrammetry Unit

**Distribution liability:**

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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**Metadata Reference Information:**

\***Metadata date:** 20110429

\***Language of metadata:** en

**Metadata contact:**

**Contact information:**

**Contact organization primary:**

**Contact person:** Keith Johnston, PE, PLS

**Contact organization:** NCDOT Photogrammetry Unit

**Contact position:** State Photogrammetric Engineer

**Contact address:**

**Address type:** mailing address

**Address:**

1585 Mail Service Center

**City:** Raleigh

**State or province:** NC

**Postal code:** 27699-1585

**Contact voice telephone:** 919-707-7093

\***Metadata standard name:** FGDC Content Standards for Digital Geospatial Metadata

\***Metadata standard version:** FGDC-STD-001-1998

\***Metadata time convention:** local time

**Metadata extensions:**

\***Online linkage:** <http://www.esri.com/metadata/esriprof80.html>

\***Profile name:** ESRI Metadata Profile

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