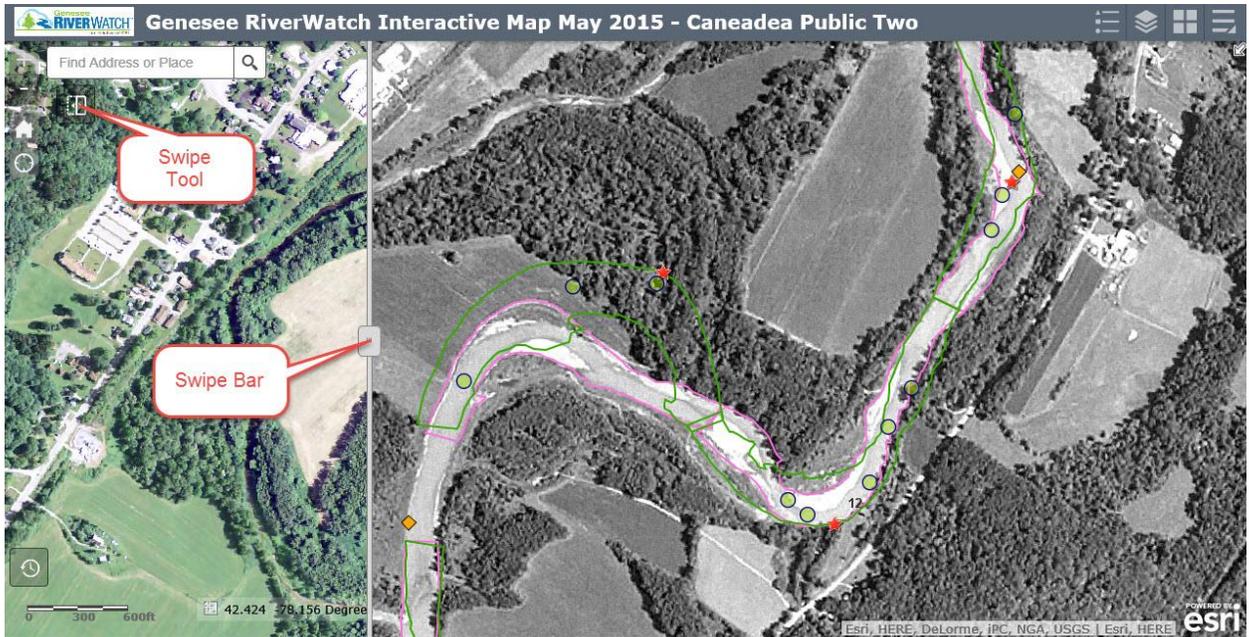
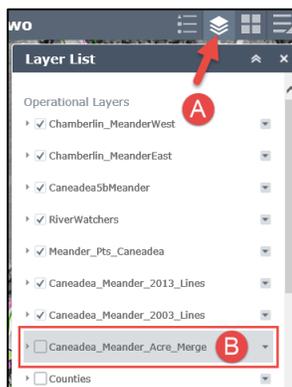


- **Note:** The analysis contained in this report is also viewable using our interactive Caneadea workgroup map (<http://tinyurl.com/pz9bnzy>) on our website. Viewing the interactive map will allow you to take a closer look.
- Use the Swipe tool (on this interactive map) to visually compare NAIP imagery from 2003 to 2013. (2013 imagery is in color and 2003 imagery is in black and white.) First click on the Swipe Tool, then use the Swipe Bar to drag the color 2013 layer over the black and white 2003 layer.



- Land area (in acres) lost or gained is highlighted on the interactive map (and in the screenshots below) are in yellow.

**Note:** on the interactive map, these areas are turned off by default to get a better view. They may be toggled on using the Layer List tool (A), as shown in the screenshot below. Check Caneadea\_Meander\_Acre\_Merge to activate this layer.

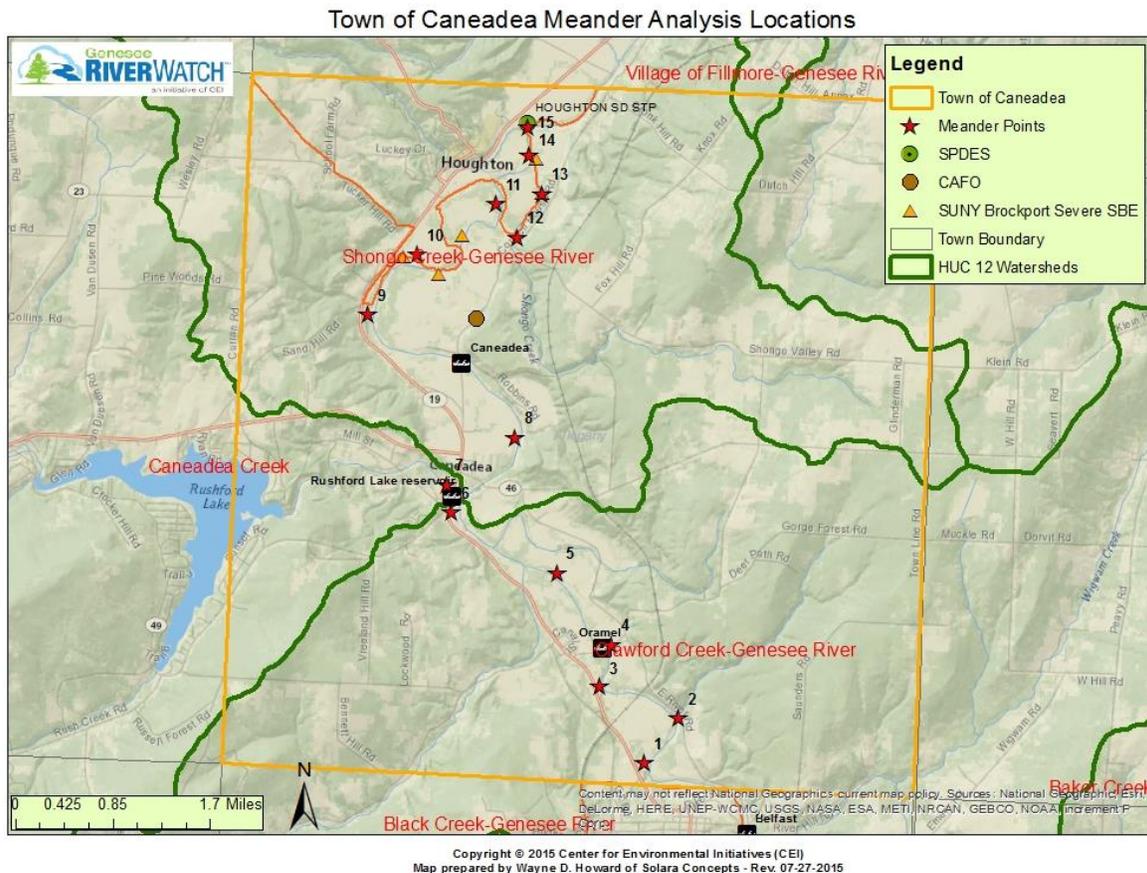


NAIP Orthoimagery data source: USGS Geospatial Data Gateway 2003 and 2013. See meta data at the end of this report. <https://gdg.sc.egov.usda.gov/>.

- The encode date for the 2013 layer is:  
 Start time: Friday, October 25, 2013 4:10:26 PM  
 Finish time: Friday, October 25, 2013 6:48:19 PM

The 2003 layer lists a process date of 200310 but not an encode date.

- Meander sites are indicated by red stars. The green lines indicate the meander for 2013 and the pink lines indicate the meander for 2003. The numbers for each yellow area are in acres. The green circles indicate pictures that were taken from our canoe trip. Click on them to see some of our photos!

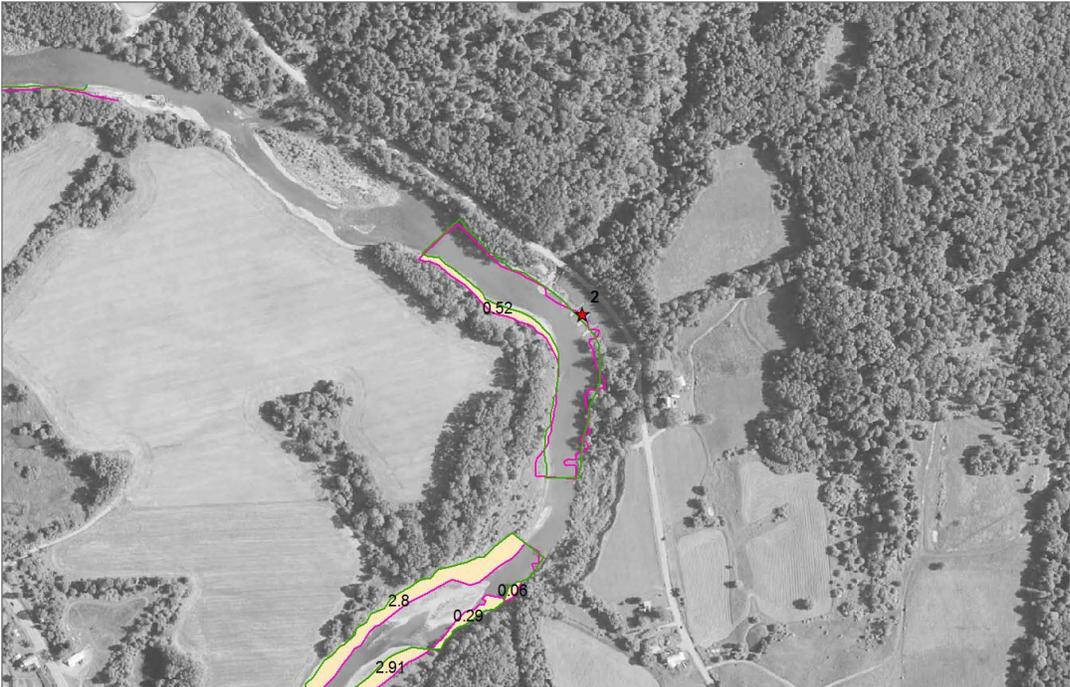


Below are screen shots from the online, interactive map.

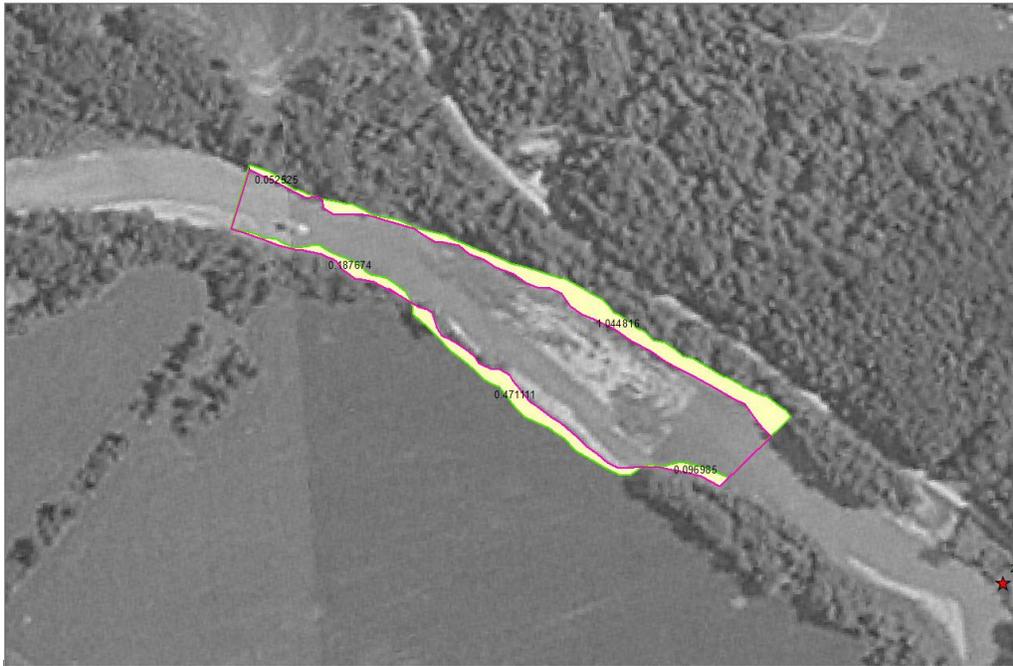
Site 1: The number of acres of land lost or gained are indicated below.



Site 2:



**Site 2B (between sites 2 and 3)**



**Site 3:**



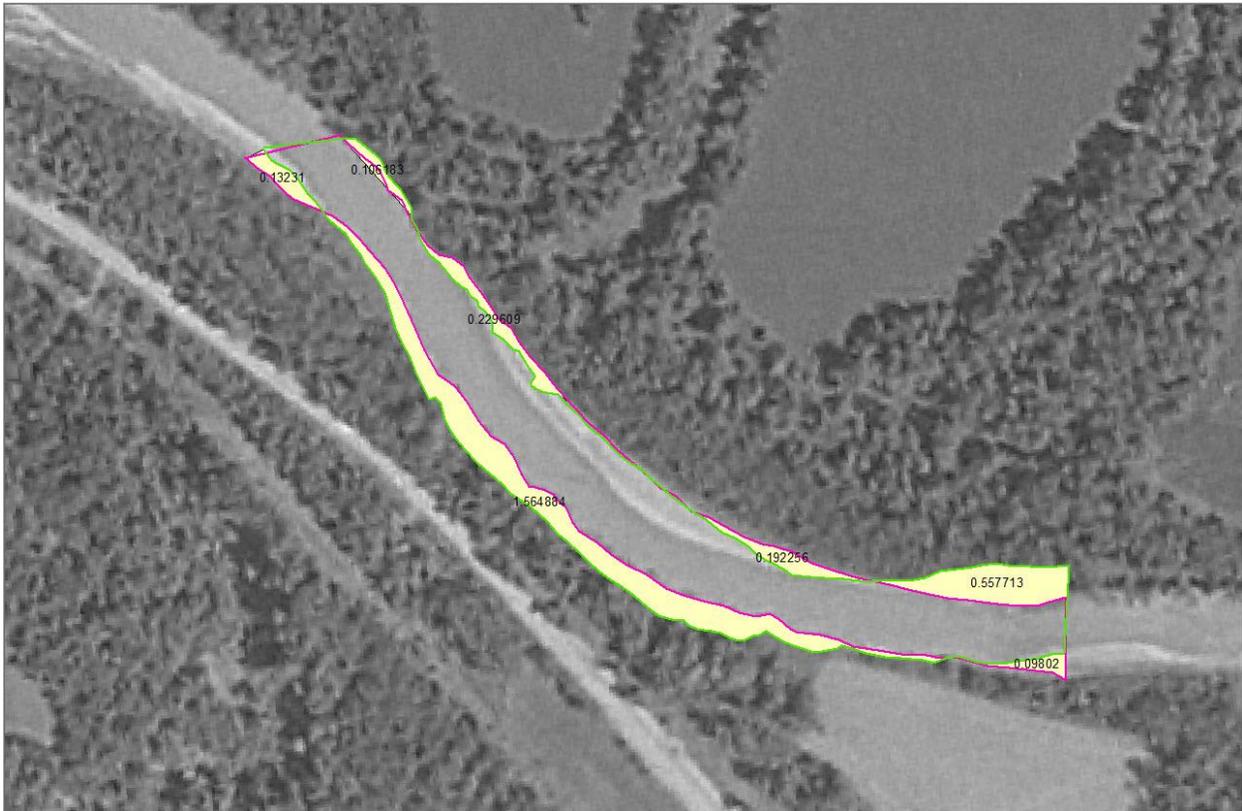
Site 4:



Site 5:



**Site 5B (between Sites 5 and 6):**



**Site 6 and 7:**



Site 8:



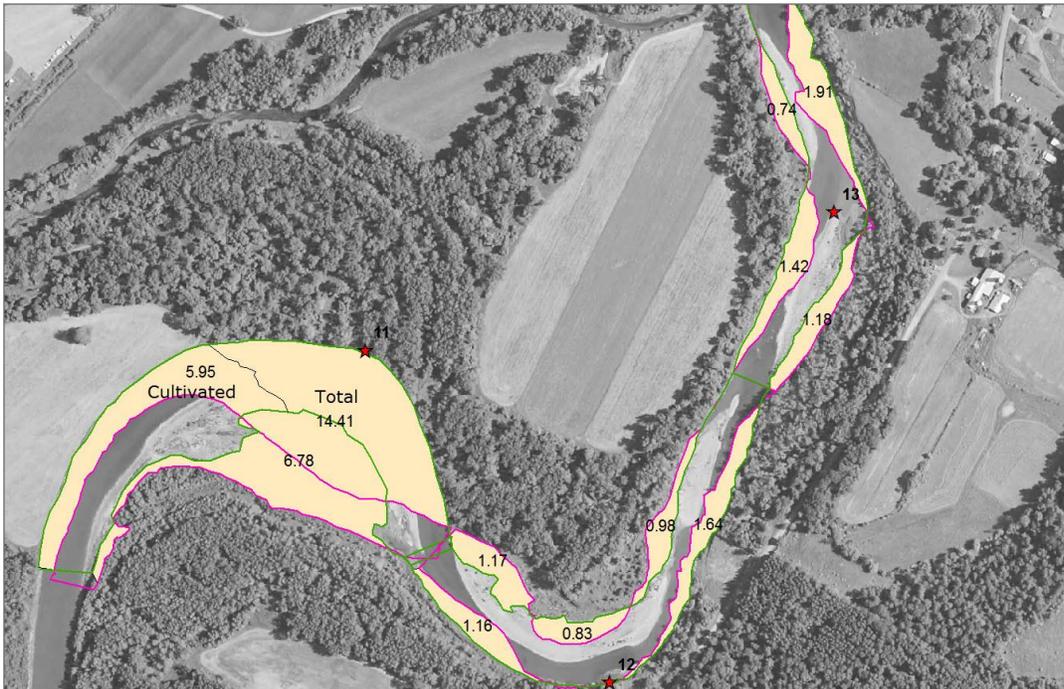
Site 9:



**Site 10:**



**Site 11, 12 and 13:**



**Site 14 and 15:**



**Meta data: Identification\_Information:**

**Citation:**

**Citation\_Information:**

**Originator: USDA/FSA - Aerial Photography Field Office**

**Title: USDA-FSA-APFO NAIP MrSID Mosaic**

**Description:**

**Purpose: This digital imagery serves as a base for Farm Service Center GIS applications and is used to administer USDA commodity support programs and conservation planning.**

**Time\_Period\_of\_Content:**

**Time\_Period\_Information:**

**Single\_Date/Time:**

**Calendar\_Date: 2013**

**Status:**

**Progress: In Work**

**Spatial\_Domain:**

**Bounding\_Coordinates:**

**West\_Bounding\_Coordinate: -78.30931**

**East\_Bounding\_Coordinate: -77.72296**

**North\_Bounding\_Coordinate: 42.52166**

**South\_Bounding\_Coordinate: 41.99837**

**Keywords:**

**Theme:**

**Theme\_Keyword\_Thesaurus: Standard for Geospatial Dataset File Naming**

**Theme\_Keyword: Digital Orthophoto, DOQ, NAIP**

**Place:**

**Place\_Keyword\_Thesaurus: GNIS**

**Place\_Keyword: New York**

**Place\_Keyword: Allegany**

**Use\_Constraints:**

**The U.S. Department of Agriculture, Service Center Agencies should be acknowledged as the data source in products derived from these data.**

**This data set is not designed for use as a primary regulatory tool in permitting or citing decisions, but may be used as a reference source. This information may be interpreted by organizations, agencies, units of government, or others based on needs; however, they are responsible for the appropriate application. Federal, State, or local regulatory bodies are not to reassign to the Service Center Agencies any authority for the decisions that they make. The Service Center Agencies will not perform any evaluations of these data for purposes related solely to State or local regulatory programs.**

**Photographic or digital enlargement of these data to scales greater than at which they were originally mapped can cause misinterpretation of the data. Digital data files are periodically updated, and users are responsible for obtaining the latest version of the data.**

**Point\_of\_Contact:**

**Contact\_Information:**

**Contact\_Organization\_Primary:**

**Contact\_Organization:** Aerial Photography Field Office

**Contact\_Address:**

**Address:** 2222 W. 2300 South

**City:** Salt Lake City

**State\_or\_Province:** Utah

**Postal\_Code:** 84119

**Data\_Quality\_Information:**

**Lineage:**

**Source\_Information:**

**Source\_Citation:**

**Citation\_Information:**

**Originator:**

**USDA-FSA-APFO**

**Publication\_Date:** 2013

**Title:** USDA-APFO National Agricultural Inventory Project

**Source\_Scale\_Denominator:** 12,000

**Process\_Step:**

**Process\_Description:** No post processing was done on these files. Files were received from USDA, Aerial Photography Field Office (<http://www.apfo.usda.gov>).

**Process\_Date:** 201310

**Spatial\_Reference\_Information:**

**Horizontal\_Coordinate\_System\_Definition:**

**Planar:**

**Grid\_Coordinate\_System:**

**Grid\_Coordinate\_System\_Name:** Universal Transverse Mercator

**Universal\_Transverse\_Mercator:**

**UTM\_Zone\_Number:** 17

**Transverse\_Mercator:**

**Scale\_Factor\_at\_Central\_Meridian: 0.9996**

**Longitude\_of\_Central\_Meridian: -81**

**Latitude\_of\_Projection\_Origin: 0.0**

**False\_Easting: 500000.0**

**False\_Northing: 0.0**

**Geodetic\_Model:**

**Horizontal\_Datum\_Name: North American Datum of 1983 (NAD83)**

**Ellipsoid\_Name: GRS1980**

**Semi-major\_Axis: 6378137.0**

**Denominator\_of\_Flattening\_Ratio: 298.257222101**

**Entity\_and\_Attribute\_Information:**

**Overview\_Description:**

**Entity\_and\_Attribute\_Overview:**

Each pixel contains an 8-bit gray-scale value. For color-infrared and natural color a digital number from 0 to 255 is assigned to each pixel and that number refers to a color look-up table which contains the RGB red, blue and green values, each from 0 to 255, for that digital number. Areas where the rectification process is incomplete due to incomplete data (i.e., lack of elevation data, gaps), are represented with the numeric value of 0.

**Entity\_and\_Attribute\_Detail\_Citation: raster data**

**Distribution\_Information:**

**Distribution\_Liability:**

Although these data have been processed successfully on a computer system at the U.S. Department of Agriculture, no warranty expressed or implied is made by the Service Center Agencies regarding the utility of the data on any other system, nor shall the act of distribution constitute any such warranty. The U.S. Department of Agriculture will warrant the delivery of this product in computer readable format, and will offer appropriate adjustment of credit when the product is determined unreadable by correctly adjusted computer input peripherals, or when the physical medium is delivered in damaged condition. Request for adjustment of credit must be made within 90 days from the date of this shipment from the ordering site.

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these data sets. The U.S. Department of Agriculture prohibits discrimination in all its programs and activities on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, sexual orientation, or marital or family status. (Not all prohibited bases apply to all programs.)

**Standard\_Order\_Process:**

**Digital\_Form:**

**Digital\_Transfer\_Information:**

**Format\_Name:** MrSID

**Metadata\_Reference\_Information:**

**Metadata\_Date:** 05/06/2015

**Metadata\_Standard\_Name:** SCI Minimum Compliance Metadata

**Metadata\_Standard\_Version:** SCI Std 003-02

**2003:**

**Identification\_Information:**

**Citation:**

**Citation\_Information:**

**Originator:** USDA/FSA - Aerial Photography Field Office

**Title:** USDA-FSA-APFO NAIP MrSID Mosaic

**Description:**

**Purpose:** This digital imagery serves as a base for Farm Service Center GIS applications and is used to administer USDA commodity support programs and conservation planning.

**Time\_Period\_of\_Content:**

**Time\_Period\_Information:**

**Single\_Date/Time:**

**Calendar\_Date:** 2003

**Status:**

**Progress:** Complete

**Spatial\_Domain:**

**Bounding\_Coordinates:**

**West\_Bounding\_Coordinate:** -78.30931

**East\_Bounding\_Coordinate: -77.72296**

**North\_Bounding\_Coordinate: 42.52166**

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**Contact\_Organization: Aerial Photography Field Office**

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**Source\_Scale\_Denominator: 12,000**

**Process\_Step:**

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**Planar:**

**Grid\_Coordinate\_System:**

**Grid\_Coordinate\_System\_Name: Universal Transverse Mercator**

**Universal\_Transverse\_Mercator:**

**UTM\_Zone\_Number: 17**

**Transverse\_Mercator:**

**Scale\_Factor\_at\_Central\_Meridian: 0.9996**

**Longitude\_of\_Central\_Meridian: -81**

**Latitude\_of\_Projection\_Origin: 0.0**

**False\_Easting: 500000.0**

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**Geodetic\_Model:**

**Horizontal\_Datum\_Name: North American Datum of 1983 (NAD83)**

**Ellipsoid\_Name: GRS1980**

**Semi-major\_Axis: 6378137.0**

**Denominator\_of\_Flattening\_Ratio: 298.257222101**

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**Entity\_and\_Attribute\_Overview:**

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**Entity\_and\_Attribute\_Detail\_Citation: raster data**

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**Distribution\_Liability:**

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**Standard\_Order\_Process:**

**Digital\_Form:**

**Digital\_Transfer\_Information:**

**Format\_Name: MrSID**

**Metadata\_Reference\_Information:**

**Metadata\_Date: 05/06/2015**

**Metadata\_Standard\_Name: SCI Minimum Compliance Metadata**

**Metadata\_Standard\_Version: SCI Std 003-02**