**Data Inventory**

1. Elevation Survey Points. Shapefiles of surveyed elevation points. Elevations are in meters relative to the NAVD88 datum, GEOID12A. Elevation surveys were conducted between 2014 and 2018.

1.1. Crosswicks

* crosswicks.cpg; crosswicks.dbf, crosswicks.prj, crosswicks.sbn, crosswicks.sbx, crosswicks.shp, crosswicks.shx; point shapefile.
* Data Type: Shapefile Feature Class
* Geometry Type: Point
* Coordinates have Z values: Yes
* Coordinates have measures: Yes
* Geographic Coordinate System: GCS\_WGS\_1984
* Datum: D\_WGS\_1984
* Prime Meridian: Greenwich
* Angular Unit: Degree
* Fields:
* **FID** – object identifier
* **Shape** – Point ZM
* **Latitude** – decimal degrees
* **Longitude** - decimal degrees
* **orthoht-m** – elevation in meters relative to the NAVD88 datum, processed using GEOID 12A
* data collected 28 April 2017

1.2. Dividing Creek

* dividing.cpg; dividing.dbf, dividing.prj, dividing.sbn, dividing.sbx, dividing.shp, dividing.shx; point shapefile.
* Data Type: Shapefile Feature Class
* Geometry Type: Point
* Coordinates have Z values: Yes
* Coordinates have measures: Yes
* Geographic Coordinate System: GCS\_WGS\_1984
* Datum: D\_WGS\_1984
* Prime Meridian: Greenwich
* Angular Unit: Degree
* Fields:
* **FID** – object identifier
* **Shape** – Point ZM
* **Field 4** – latitude decimal degrees
* **Field 5** – longitude decimal degrees
* **Field 7** – elevation in meters relative to the NAVD88 datum, processed using GEOID 12A
* data collected 24 April 2018

1.3. Maurice River

* maurice.cpg; maurice.dbf, maurice.prj, maurice.sbn, maurice.sbx, maurice.shp, maurice.shx; point shapefile.
* Data Type: Shapefile Feature Class
* Geometry Type: Point
* Coordinates have Z values: Yes
* Coordinates have measures: Yes
* Geographic Coordinate System: GCS\_WGS\_1984
* Datum: D\_WGS\_1984
* Prime Meridian: Greenwich
* Angular Unit: Degree
* Fields:
* **FID** – object identifier
* **Shape** – Point ZM
* **Elevation** – elevation in meters relative to the NAVD88 datum, processed using GEOID 12A
* data collected = 17 July 2015

1.4. Dennis Creek

* dennis.cpg; dennis.dbf, dennis.prj, dennis.sbn, dennis.sbx, dennis.shp, dennis.shx; point shapefile.
* Data Type: Shapefile Feature Class
* Geometry Type: Point
* Coordinates have Z values: Yes
* Coordinates have measures: Yes
* Geographic Coordinate System: GCS\_WGS\_1984
* Datum: D\_WGS\_1984
* Prime Meridian: Greenwich
* Angular Unit: Degree
* Fields:
* **FID** – object identifier
* **Shape** – Point ZM
* **Elevation** – elevation in meters relative to the NAVD88 datum, processed using GEOID 12A
* data collected = 16 July 2015

1.5. Reedy Creek

* reedy.cpg; reedy.dbf, reedy.prj, reedy.sbn, reedy.sbx, reedy.shp, reedy.shx; point shapefile.
* Data Type: Shapefile Feature Class
* Geometry Type: Point
* Coordinates have Z values: Yes
* Coordinates have measures: Yes
* Geographic Coordinate System: GCS\_WGS\_1984
* Datum: D\_WGS\_1984
* Prime Meridian: Greenwich
* Angular Unit: Degree
* Fields:
* **FID** – object identifier
* **Shape** – Point ZM
* **Latitude** – decimal degrees
* **Longitude** - decimal degrees
* **orthoht-m** – elevation in meters relative to the NAVD88 datum, processed using GEOID 12A
* data collected = 7 November 2016

1.6. Island Beach

* island\_beach.cpg; island\_beach.dbf, island\_beach.prj, island\_beach.sbn, island\_beach.sbx, island\_beach.shp, island\_beach.shx; point shapefile.
* Data Type: Shapefile Feature Class
* Geometry Type: Point
* Coordinates have Z values: Yes
* Coordinates have measures: Yes
* Geographic Coordinate System: GCS\_WGS\_1984
* Datum: D\_WGS\_1984
* Prime Meridian: Greenwich
* Angular Unit: Degree
* Fields:
* **FID** – object identifier
* **Shape** – Point ZM
* **Field 1** – longitude in decimal degrees
* **Field 2** – latitude in decimal degrees
* **Field 3**– elevation in meters relative to the NAVD88 datum, processed using GEOID 12A
* data collected = 10 November 2016

1.7. Channel Creek

* channelcreek.cpg; channelcreek.dbf, channelcreek.prj, channelcreek.sbn, channelcreek.sbx, channelcreek.shp, channelcreek.shx; point shapefile.
* Data Type: Shapefile Feature Class
* Geometry Type: Point
* Coordinates have Z values: Yes
* Coordinates have measures: Yes
* Geographic Coordinate System: GCS\_WGS\_1984
* Datum: D\_WGS\_1984
* Prime Meridian: Greenwich
* Angular Unit: Degree
* Fields:
* **FID** – object identifier
* **Shape** – Point ZM
* **Field 4** – elevation in meters relative to the NAVD88 datum, processed using GEOID 12A
* data collected from the western part of the study area 28 July 2015
* data collected from the eastern part of the study area 3 August 2016

2. *Metadata for the DEMs*

2.1. Crosswicks Creek

* Crosswicks\_2015\_metadata.html; Crosswicks\_2015\_metadata.xml; 2015 USGS CoNED Toobathy DEM

2.2. Dividing Creek

* Dividing\_2015\_metadata.html; Dividing\_2015\_metadata.xml; 2015 USGS CoNED Toobathy DEM

2.3. Maurice River

* Maurice\_2015\_metadata.html; Maurice\_2015\_metadata.xml; 2015 USGS CoNED Toobathy DEM

2.4. Dennis Creek

* Dennis\_2014\_metadata.html; Dennis \_2014\_metadata.xml; 2014 NOAA Topobathy DEM: Post-Sandy
* Dennis\_2015\_metadata.html; Dennis \_2015\_metadata.xml; 2015 USGS CoNED Toobathy DEM

2.5. Reedy Creek

* Reedy\_2014\_metadata.html; Reedy\_2014\_metadata.xml; 2014 NOAA Topobathy DEM: Post-Sandy
* Reedy\_2015\_metadata.html; Reedy \_2015\_metadata.xml; 2015 USGS CoNED Toobathy DEM

2.6. Island Beach

* Island\_Beach\_2013\_metadata.html; 2013 USACE NCMP Topobathy LiDAR
* Island\_Beach\_2014\_metadata.html; IslandBeach\_2014\_metadata.xml; 2014 NOAA Topobathy DEM: Post-Sandy
* Island\_Beach\_2015\_metadata.html; IslandBeach\_2015\_metadata.xml; 2015 USGS CoNED Toobathy DEM

2.7. Channel Creek

* Channel\_Creek\_2010\_metadata.html; 2010 ARRA
* ChannelCreek\_2014\_metadata.html; ChannelCreek\_2014\_metadata.xml; 2013 USACE NCMP Topobathy LiDAR ChannelCreek\_2014\_metadata.html; ChannelCreek\_2014\_metadata.xml; 2014 NOAA Topobathy DEM: Post-Sandy
* IslandBeach\_2015\_metadata.html; IslandBeach\_2015\_metadata.xml; 2015 USGS CoNED Toobathy DEM