Universal Transverse Mercator - 1983 North American Datum - Zone 18 North
Topography mapped using NASA Experimental Advanced Airborne Research Lidar (EAARL) April 2005. This map is not intended for use in navigation.

For each flightline, the laser soundings used to create this map were collected during April 2005 by the NASA EAARL system mounted on a U.S. Geological Survey, FISC, St. Petersburg, FL. Data collection occurred with approximately 50% overlap between flightlines, resulting in about one laser sounding per square meter. The data were processed by the USGS FISC (Florida Integrated Science Center) office, St. Petersburg, FL. Contour line and hillshade layers were generated from the Lidar data tile and incorporated into this map product. The laser soundings used to create this map were collected during April 2005 by the NASA EAARL system mounted on a U.S. Geological Survey, FISC, St. Petersburg, FL. Data collection occurred with approximately 50% overlap between flightlines, resulting in about one laser sounding per square meter. The data were processed by the USGS FISC (Florida Integrated Science Center) office, St. Petersburg, FL. Contour line and hillshade layers were generated from the Lidar data tile and incorporated into this map product.

The National Aeronautics and Space Administration (NASA) Wallops Flight Facility. The aim of the partnership that created this product is to develop an automated process for capturing coastal geomorphology and habitats, and to enable the monitoring of ecological and geological change within National Seashores. This product is based on data from an innovative airborne topographic Lidar mapping system that provides detailed topographic information at high resolution. The system is typically flown at 300 m altitude AGL, resulting in a 240 m swath width and a 2x2 km data tile index.

Further Reading

Colombian National Historical Park
USGS-NPS-NASA EAARL First Surface (FS) Lidar Topography
Map Tile 362000e_4120000n

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NO DATA

NORTH AMERICAN VERTICAL DATUM OF 1988
CONTOUR INTERVAL IS 5 METERS