This map is not intended for use in navigation.

**Project Description**

The Northern Florida Keys Reef Tract map was produced as a collaborative effort between the U.S. Geological Survey (USGS), the National Park Service (NPS), and the National Aeronautics and Space Administration (NASA). The aims of the project were to produce a topographic map of the Northern Florida Keys Reef Tract, to enable the monitoring of coastal and nearshore habitats, and to enable the monitoring of ecological and geological change within National Seashores. This product is based on data from an innovative airborne lidar instrument under development at the NASA Wallops Flight Facility.

**Data Description**

Data were generated from the lidar data tile and incorporated into this map product. Data were organized as 2 km by 2 km data tiles in 32-bit floating-point integer GeoTIff format. Contour line and hillshade layers produce 1-meter resolution raster images that can be easily ingested into a Geographic Information System (GIS). The data resulting in about one laser sounding per square meter. The data were processed by the USGS FISC St. Petersburg Center to result in a 240 m swath for each flightline. Data collection occurred with approximately 50% overlap between flightlines.

**Further Reading**


**Map Location and Corresponding 2X2 Kilometer Data Tile Index**

- Northern Florida Keys Reef Tract
- USGS-NPS-NASA EAARL Submarine (ST) Topography
- Map Tile 578000e_2800000n_17z

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