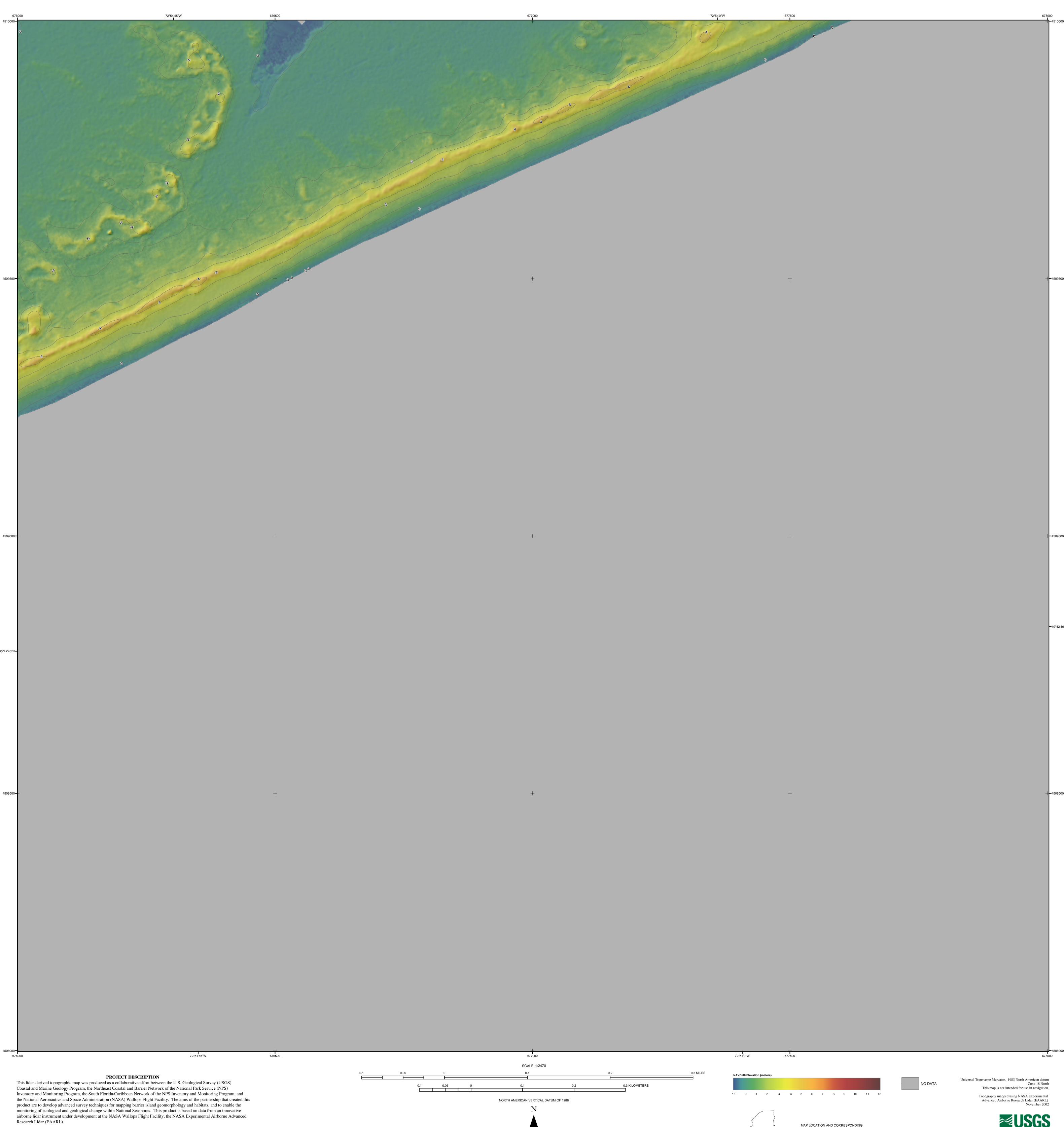
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The laser soundings used to create this map were collected during November 2002 by the NASA EAARL system mounted on a Cessna 310 aircraft. The EAARL uses a 'waveform-resolving' green laser capable of mapping submarine and subaerial (land) topography in a single overflight. The EAARL system is typically flown at 300 m altitude AGL, resulting in a 240 m swath for each flightline. 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 Center for Coastal and Watershed Studies to produce 1-meter resolution raster images that can be easily ingested into a Geographic Information System (GIS). The data were organized as 2 km by 2 km data tiles in 32-bit floating-point integer GeoTiff format. Contour line and hillshade layers were generated from the lidar data tile and incorporated into this map product.

DATA DESCRIPTION

FURTHER READING

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Michael, 2002, Initial results from a test of the NASA EAARL lidar in the Tampa Bay Region: Transactions of the Gulf Coast Association of Geological Societies, v. 52, p. 89-98. Wright, C.W. and Brock, J.C., 2002, EAARL: A lidar for mapping shallow coral reefs and other coastal environments, in the

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Map Tile 676000e_4510000n

John C. Brock¹, C. Wayne Wright², Matt Patterson³, Amar Nayegandhi⁴, and Judd Patterson³, ¹USGS Center for Coastal and Watershed Studies, St. Petersburg, FL ²NASA Wallops Flight Facility, Wallops Is., VA ³NPS South Florida/Caribbean Network Inventory and Monitoring Program, Miami, FL ⁴ETI Professionals, Lakewood, CO

