U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY
OPEN FILE REPORT 2006-1384
SHEET 32 OF 35 (BE)



<sup>4</sup>ETI Professionals, Lakewood, CO 2006

LAND

AREA OF THIS MAP

**USGS-NPS-NASA EAARL Bare Earth Topography** 

**Map Tile 656000e\_4502000n** 

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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

FURTHER READING
Brock, J.C., and Sallenger, Ashbury, 2001, Airborne topographic lidar mapping for coastal science and resource management:

Brock, J.C., Wright, C.W., Nayegandhi, Amar, Clayton, Tonya, Hansen, Mark, Longenecker, John, Gesch, Dean, and Crane, Michael, 2002, Initial results from a test of the NASA EAARL lidar in the Tampa Bay Region: Transactions of the Gulf

Wright, C.W. and Brock, J.C., 2002, EAARL: A lidar for mapping shallow coral reefs and other coastal environments, in the

May 20-22, 2002: Ann Arbor, MI, Veridian International Conferences, 1 computer optical disc.

Proceedings of the Seventh International Conference on Remote Sensing for Marine and Coastal Environments, Miami,

generated from the lidar data tile and incorporated into this map product.

U.S. Geological Survey Open File Report 01-46, p. 4

Coast Association of Geological Societies, v. 52, p. 89-98.