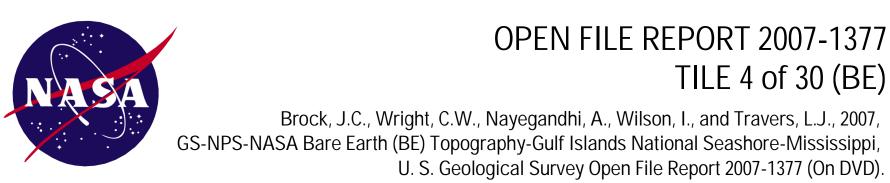
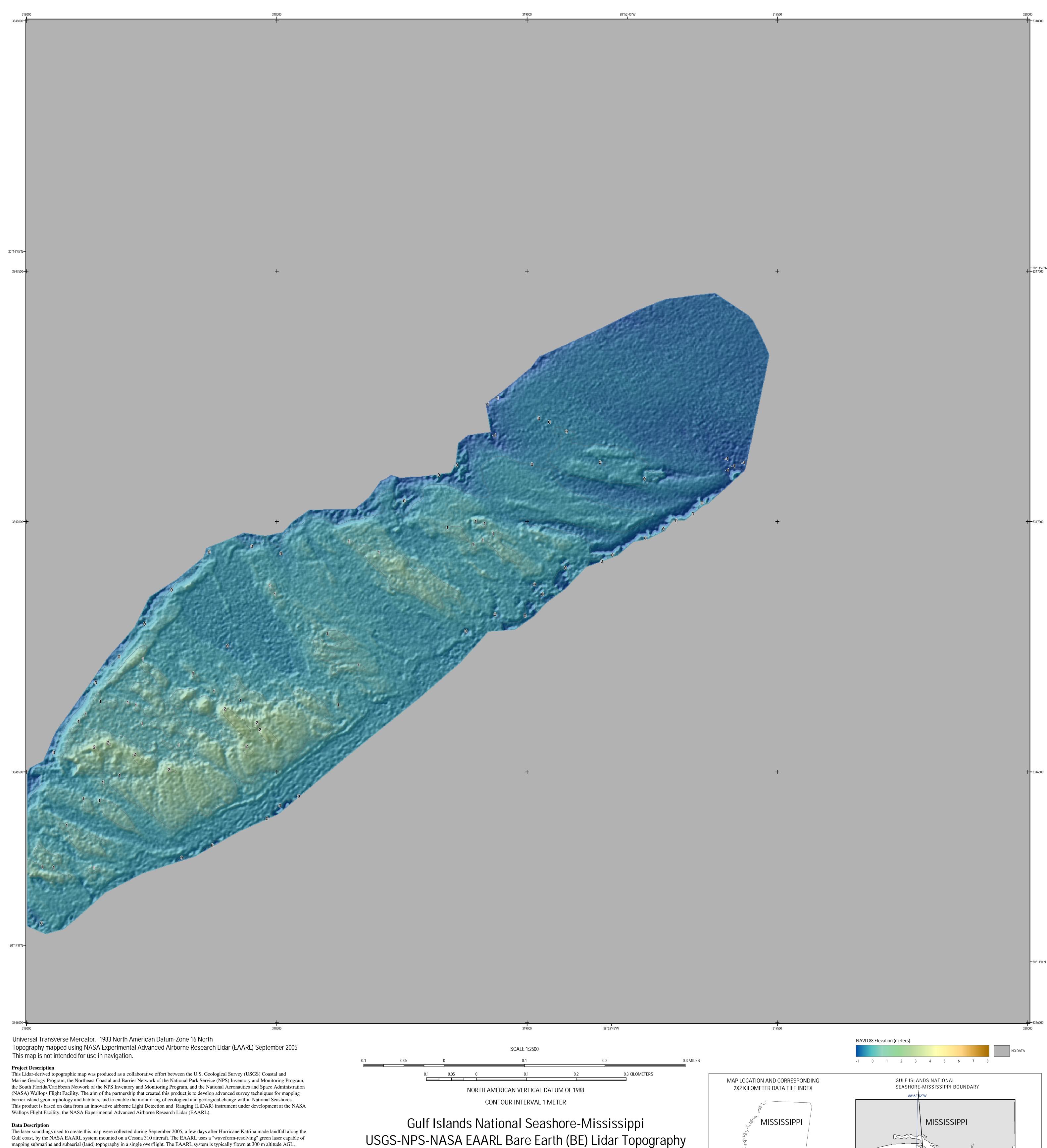
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Further Reading

tile and incorporated into this map product.

U.S. Geological Survey Open File Report 01-46, p. 4. Brock, J.C., Wright, C.W., Nayegandhi, A., Clayton, T., Hansen, M., Longenecker, J., Gesch, D., and Crane, M., 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,

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 FISC (Florida Integrated Science Center) office, St. Petersburg, FL 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

Wright, C.W. and Brock, J.C., 2002, EAARL: A Lidar for mapping shallow coral reefs and other coastal environments, in the Proceedings of the Seventh International Conference on Remote Sensing for Marine and Coastal Environments, Miami, May 20-22, 2002: Ann Arbor, MI, Veridian International Conferences, 1 computer optical disc.

Nayegandhi, A., Brock, J.C., Wright, C.W., OConnell, M.J., 2006, Evaluating a small footprint, waveform-resolving lidar over coastal vegetation communities, Photogrammetric Engineering and Remote Sensing, Vol. 72, No. 12. pp. 1407-1417.

Brock, J.C., and Sallenger, A., 2001, Airborne topographic Lidar mapping for coastal science and resource management:

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East Ship Island

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