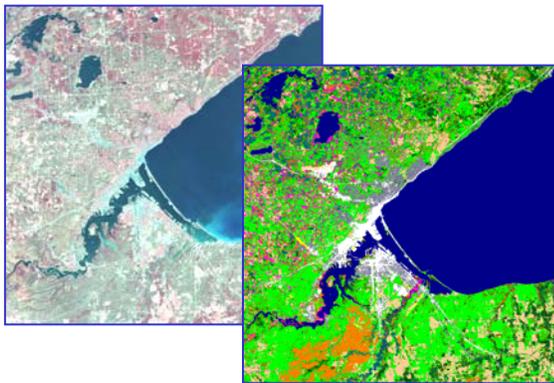


# Coastal Great Lakes Land Cover

[www.csc.noaa.gov/landcover/](http://www.csc.noaa.gov/landcover/)

The National Oceanic and Atmospheric Administration (NOAA) Coastal Services Center has developed land cover and change data for the entire coastal zone of the U.S. Great Lakes. The land cover data were developed for 2000, along with retrospective land cover for 1995, in order to identify changes in the landscape.



2001 Landsat Enhanced Thematic Mapper (ETM) satellite imagery (left) and land cover data (right) of Duluth, Minnesota, and Superior Wisconsin. The colors represent different land cover classes: greens for forested areas, pinks for wetlands, oranges for scrub/shrub, and white and gray for developed.

These land cover and land cover change products are designed to assist coastal zone managers in their decision-making processes. These regional data sets can be used to monitor urban sprawl and changes to natural resources, inventory wetland and wildlife habitat, and develop trend analyses.

## Project Specifics

NOAA awarded contracts to private industry specialists to develop these land cover change products. Products were analyzed and interpreted according to NOAA's Coastal Change Analysis Program (C-CAP) guidelines for distinguishing major land cover classes and change. NOAA participated in the initial ground sampling and product evaluations and performed the accuracy field assessment for the final products. NOAA's overall accuracy requirement for land cover data is 85 percent.

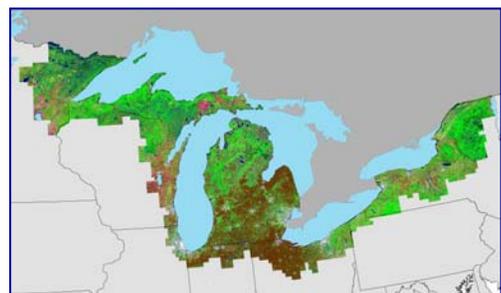
## Data Availability

- All land cover products are available for download on the Center's Web site, [www.csc.noaa.gov/crs/lca/locate.html](http://www.csc.noaa.gov/crs/lca/locate.html)
- Users can download seamless data for any area of interest

## For more information:

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Land cover data were derived from the Landsat Thematic Mapper (1995) and Landsat Enhanced Thematic Mapper (2000), covering an area of approximately 154,000 square miles.



Areas with land cover data were mapped as part of NOAA's Great Lakes land cover mapping project.

