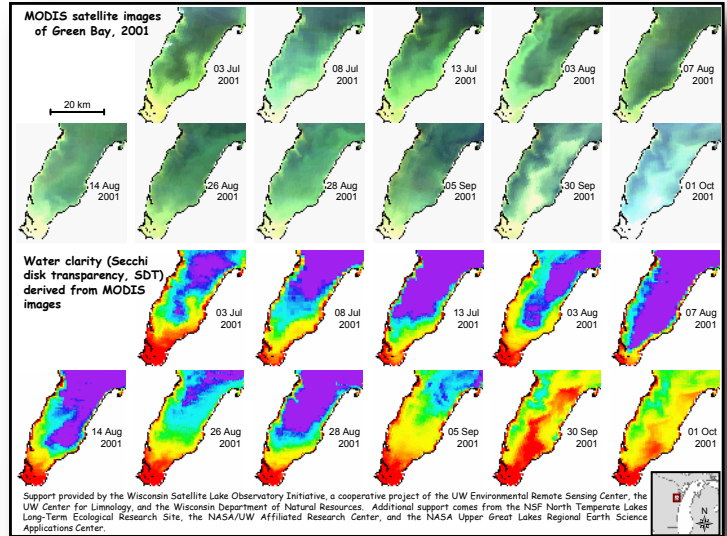
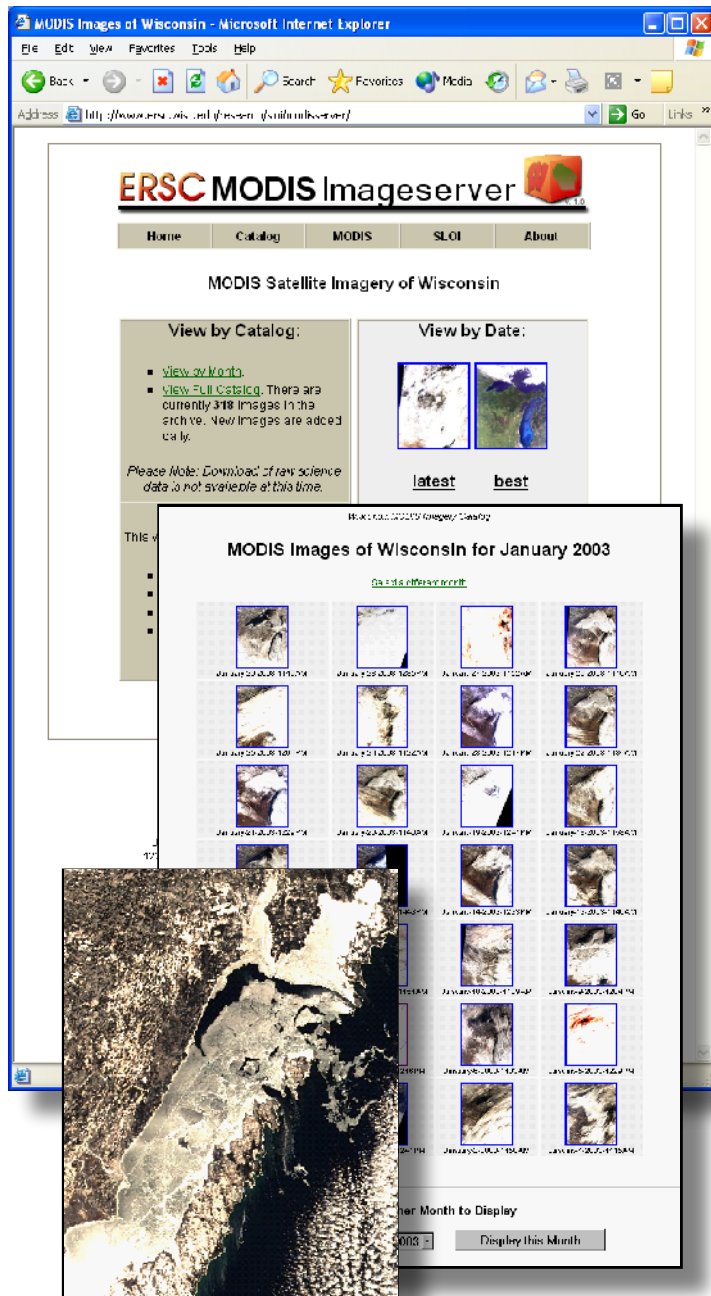


ERSC MODIS ImageServer

Daily automated image processing system

The University of Wisconsin-Madison's Space Science and Engineering Center receives direct-broadcast MODIS data from NASA's Terra and Aqua satellites on a daily basis through a roof-mounted tracking facility. Scientists at ERSC receive and process daily MODIS imagery for Wisconsin- and Upper Great Lakes-specific applications and make the derivative products available for full-resolution preview and download through the Internet.

The chief advantages of the MODIS sensor for environmental monitoring are its broad area coverage and high temporal frequency.



Researchers at ERSC use MODIS imagery to track changes in lake water clarity. Frequent systematic acquisition of the data by the ERSC MODIS ImageServer processing system enables monitoring of rapid changes previously beyond standard monitoring capabilities.



Downloadable daily true-color GeoTIFF product are projected in the standard Wisconsin Transverse Mercator (WTM) format and can be incorporated easily into cartographic products

The ERSC image processing software developed to generate daily Wisconsin products works for any region of the globe. Our scientists routinely process imagery (acquired from NASA data centers) for research sites throughout the world.



<http://www.ersc.wisc.edu/modis>