MTRI Developmental Harmful and Nuisance Algal Bloom Map

MichiganTech Research Institute
www.mtri.org

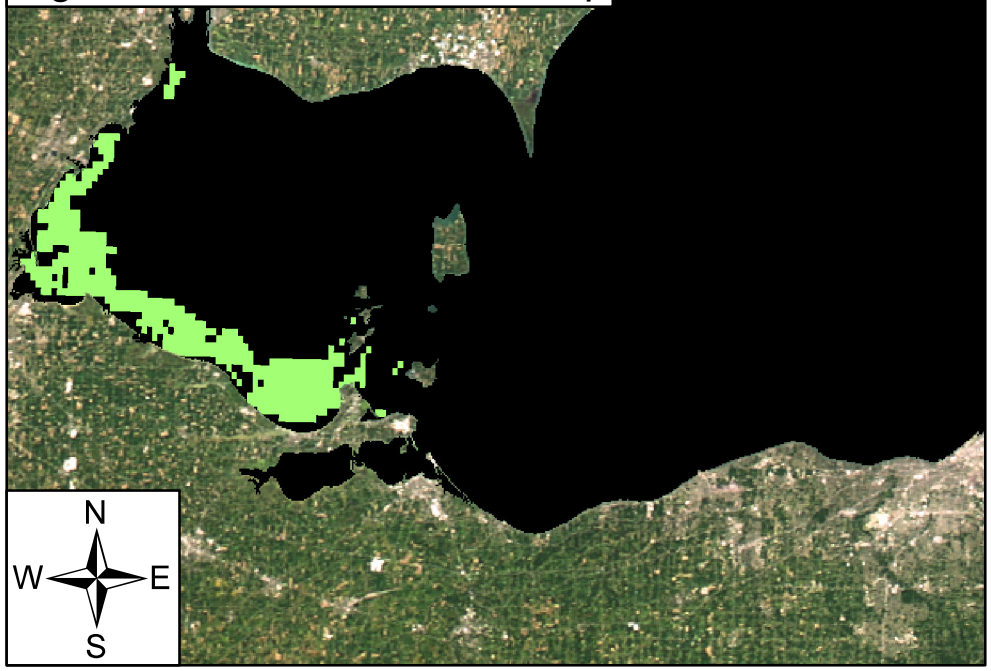
great lakes observing system

June 11, 2017
Lake Erie

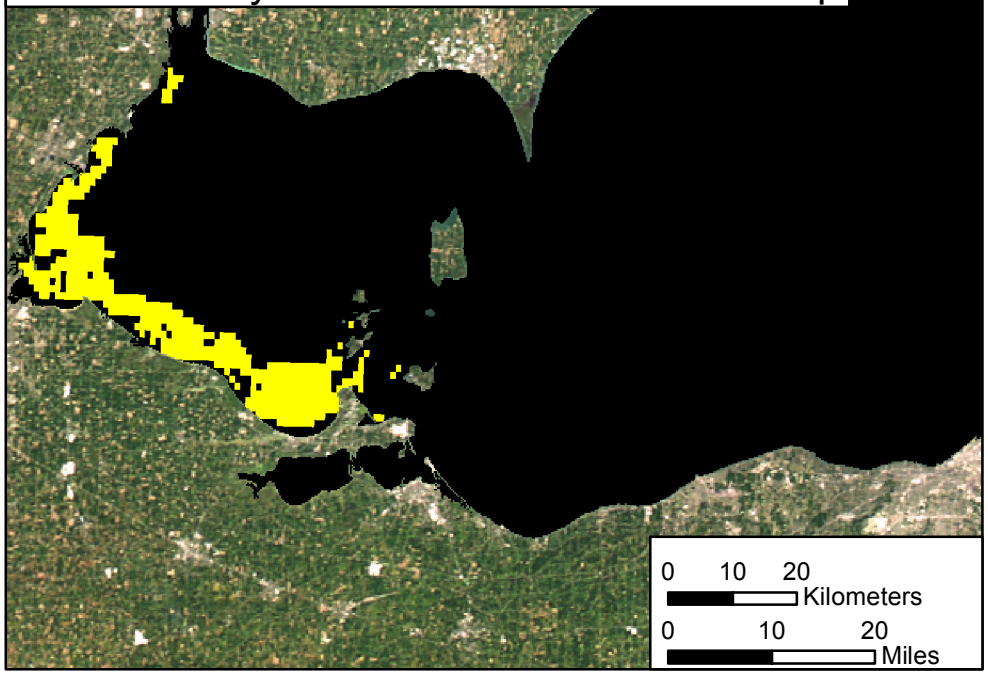
GLERL

Great Lakes RESTORATION

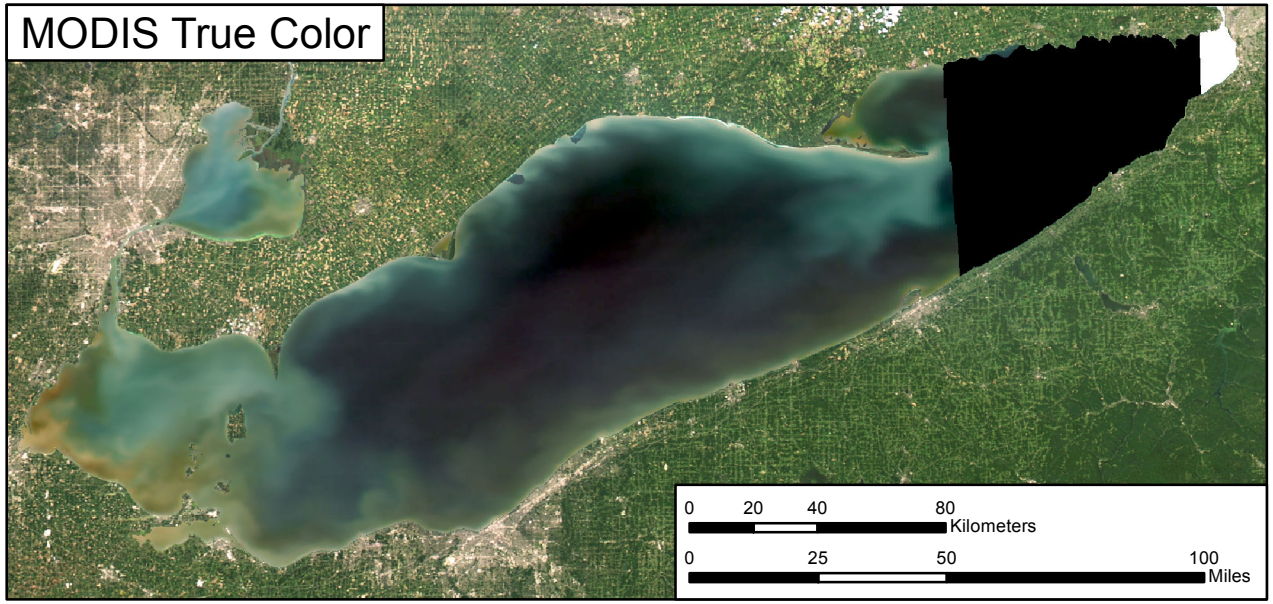
Algal and Sediment Extent Map



Water Quality & Public Health Concern Map



MODIS True Color



Area

Surface Algal Mat Area:	N\A Sq Km.
High Algal Concentration Area:	126.31 Sq Km.

Higher Concern / Lower Concern

Possible HAB Related Public Health Concern: (microcystin assumed > 20 µg/L based on surface scum analysis and historical observations, Water Temp > 18°C)

Detected Area: N\A Sq Km.

Higher Concern / Lower Concern

Possible HAB Related Water Quality Concern: (Chlorophyll > 20 µg/L, Water Temp > 18°C)

Detected Area: 126.31 Sq Km.

Document Path: J:\project\HABs_GLRI\WorkingDir\2017_HABs_CPA_Data\HAB Maps\WBLE\20170611_WBLE_HABs.mxd