

MTRI Developmental Harmful and Nuisance Algal Bloom Map

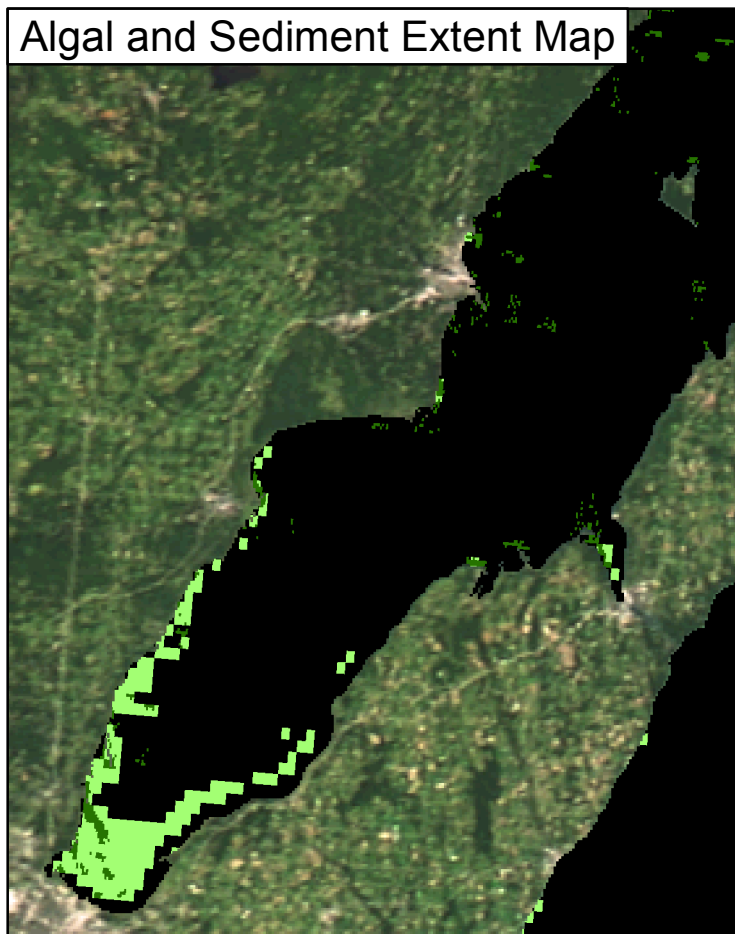
MichiganTech
Research Institute



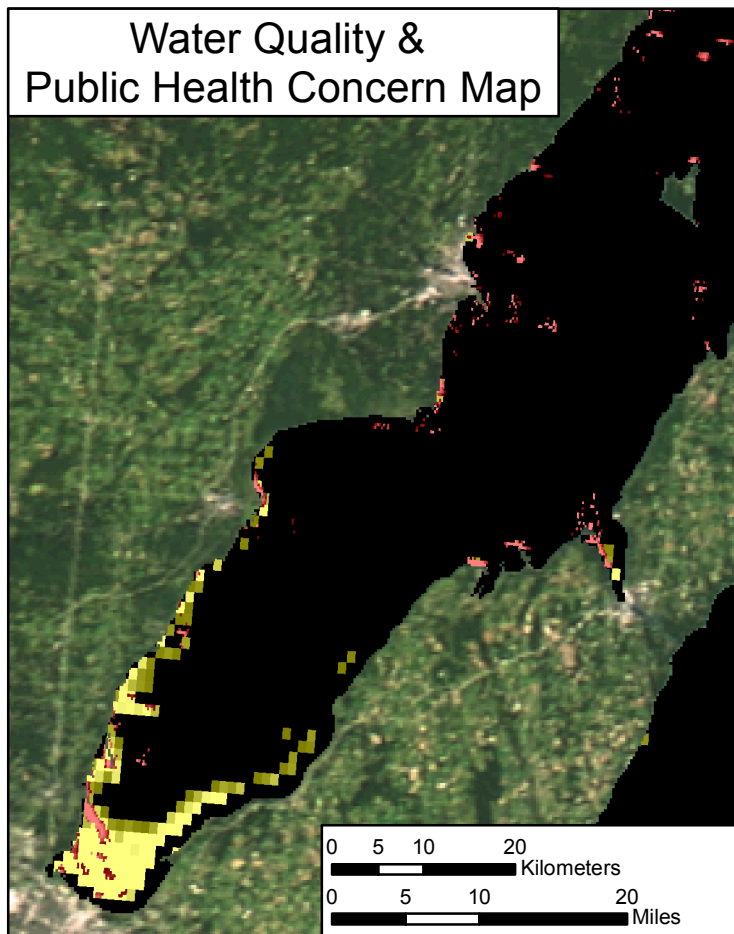
Green Bay
September 7, 2014



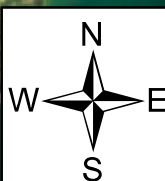
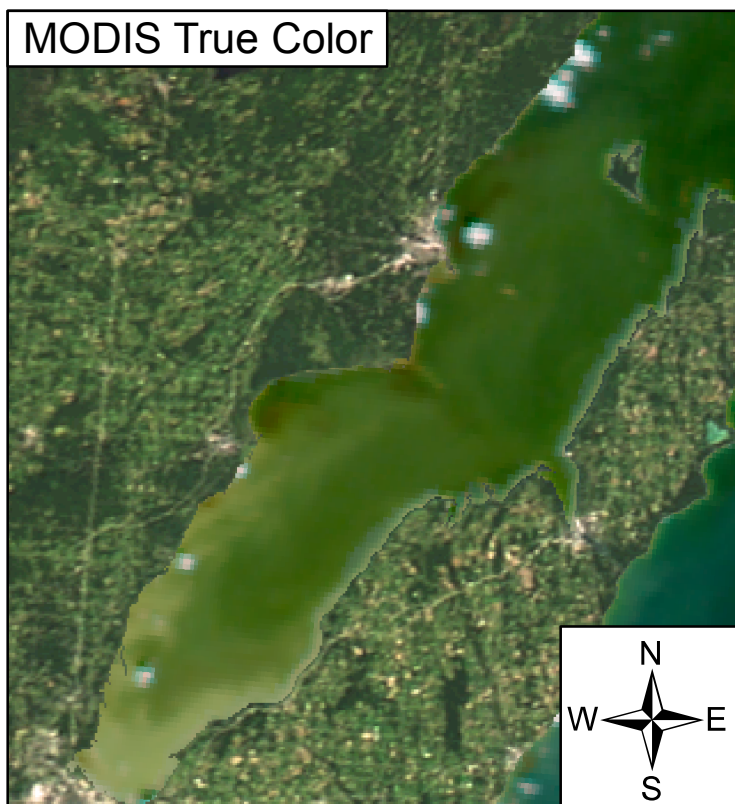
Algal and Sediment Extent Map



Water Quality & Public Health Concern Map



MODIS True Color



Area

 Surface Algal Mat 62.63 Sq. Km.

 High Algal Concentration: (Chlorophyll > 20 µg/L) 134 Sq. Km.

 Heavy Sediment Plume N/A Sq. Km.

 Higher Concern Possible HAB Related Public Health Concern: (microcystin assumed > 20 µg/L based on surface scum analysis and historical observations Water Temp > 18°C)
 Lower Concern Detected Area: 62.63 Sq Km.

 Higher Concern Possible HAB Related Water Quality Concern: (Chlorophyll > 20 µg/L Water Temp > 18°C)
 Lower Concern Detected Area: 134 Sq Km.