

MTRI Developmental Harmful and Nuisance Algal Bloom Map

MichiganTech
Research Institute
www.mtri.org

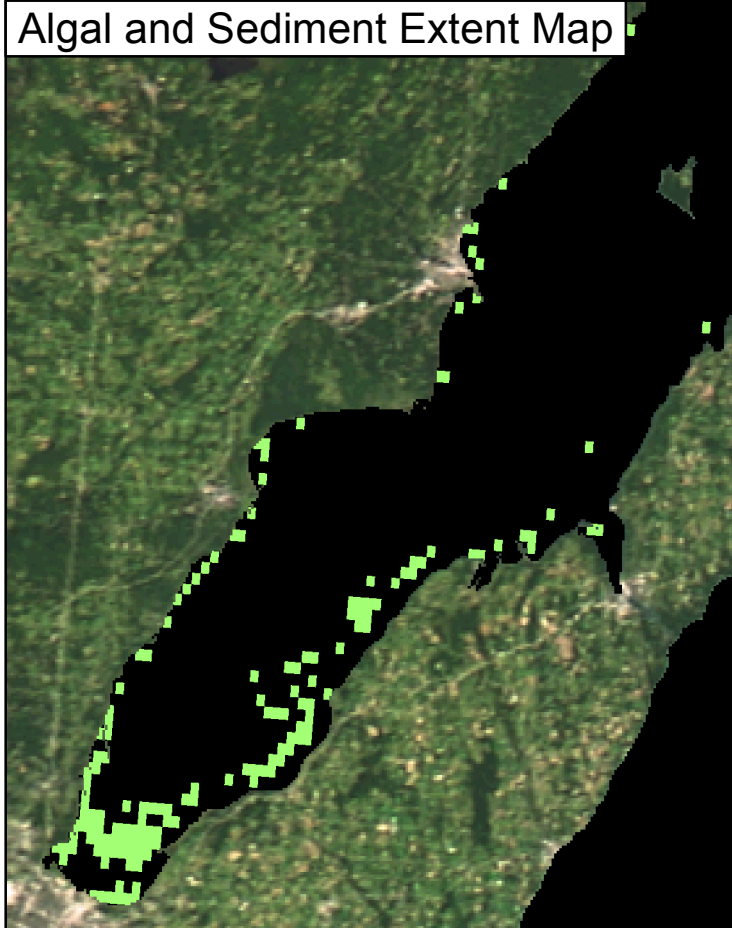
great lakes
observing system



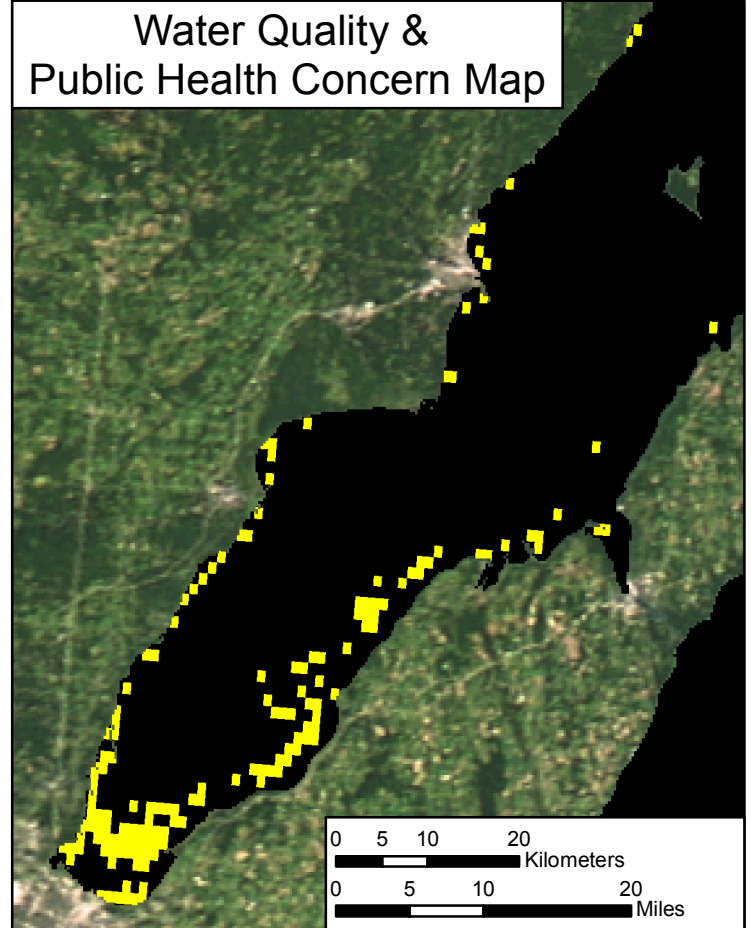
Green Bay
August 12, 2017



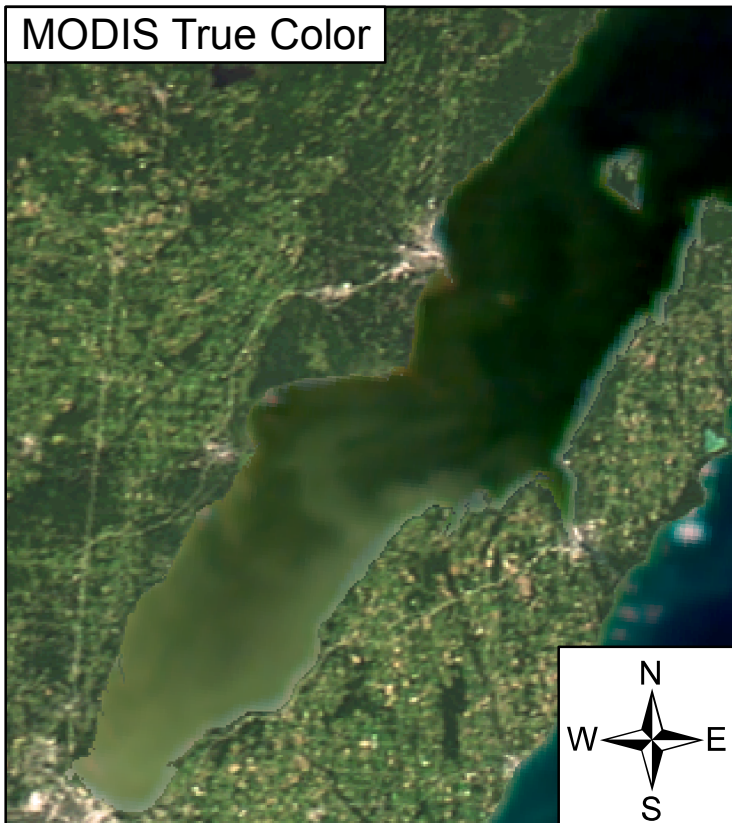
Algal and Sediment Extent Map









Water Quality & Public Health Concern Map



MODIS True Color



Area

	Surface Algal Mat	N/A Sq. Km.
	High Algal Concentration: (Chlorophyll > 20 µg/L)	153.94 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: N/A Sq. Km.
	Higher Concern	Possible HAB Related Water Quality Concern: (Chlorophyll > 20 µg/L Water Temp > 18°C)
	Lower Concern	Detected Area: 153.94 Sq. Km.