Conditions: A bloom of the cyanobacteria, *Microcystis* has been identified in Maumee Bay, around Catawba Island and the Bass Islands

Analysis: Imagery and field observations indicate a large *Microcystis* bloom in western Lake Erie. According to field samples, low-high concentrations of *Microcystis* were observed throughout the western basin in Maumee Bay and to the northeast. Cloudy imagery (not shown here, but appears black in imagery) prevents an analysis of extent in this region. Another large patch is observed around Catawba Island and to the west to Locust Point, with patchy blooms around the Bass Islands. Imagery is also flagging an area hugging the northwest coast north of Maumee Bay. A single sample indicates medium concentrations and therefore the bloom may extend to this area. Sampling is recommended. Transport indicates that the Catawba bloom may extend further into the lake by August 22, with little eastward movement.

-Tomlinson, Wynne