Conditions: There is a bloom of Microcystis.

Analysis: Microcystis is still blooming in Western Lake Erie. The concentrations, particularly on the surface have been greatly reduced since last week. This is most likely as a result of increased wind stress the last few days. The increased wind stress has caused mixing and much of the biomass is likely to be subsurface (> 1 meter) and hence not likely to be visible by satellite. Forecast wind stress is low and water temperatures are still warm, therefore, the bloom biomass is expected to resurface over the weekend.

The forecast is for westward transport, however it is likely that any westward transport will be overwhelmed by resurfacing cells.

-Wynne