Conditions: A large *Microcystis* bloom persists in Western Lake Erie.

Analysis: Satellite imagery from Tuesday (9/27/2011) indicates a large *Microcystis* bloom continues to transport to the east of Catawba Island and concentrate to the south and east of Pelee Island. An intensification of the bloom has also been remotely observed and may be the result of a sustained low wind stress that allowed for the predicted resurfacing of submerged cells.

The bloom is forecast to continue an eastern transport in to the weekend and may impact the Cleveland shore. Wind stress is forecast to remain at or below 0.10 Pa and subsurface mixing of cells is not predicted to occur. However, water temperature begins to dip below 20 C and may result in a de-intensification of the bloom.

- Briggs, Wynne