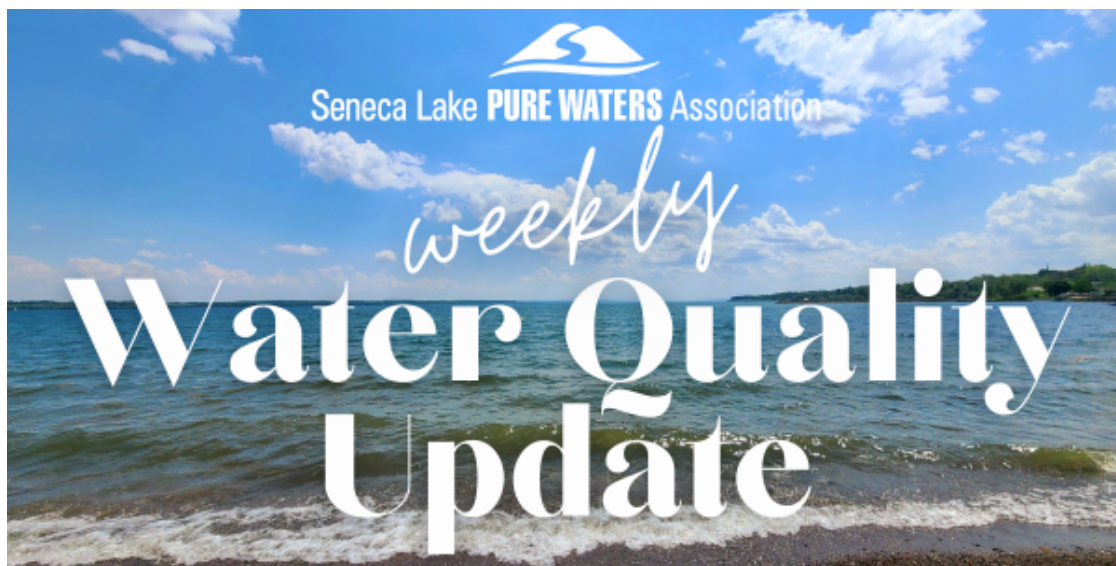




Lake Conditions at a Glance

- Surface Temperature (Aug. 7): 76.3°F
- Dissolved Oxygen (Aug. 7): 120% in the upper layer (≈25 ft)
- Lake Level (Aug. 7): 445.67 ft
- HAB Reports (Aug. 1–7): None reported

Data from [Finger Lakes Institute's real-time monitoring buoy](#), Pure Waters volunteers, and [NOAA](#).

This Week on Seneca Lake



Photo by Kelly Blackhurst

As we get deeper into the final summer months, we're monitoring Seneca Lake's seasonal changes closely. This week, surface water temperature had a sharp one-day rise after a cooler-than-normal summer so far. Dissolved oxygen in the upper water column measured unusually high, likely tied to strong algal photosynthetic activity during the recent warm, sunny stretch. Lake level sits at just below the lower end of the summer target range of 445.7 feet. No harmful algal blooms (HABs) have been confirmed on Seneca Lake this week, though DEC data show 62 confirmed reports across the Finger Lakes region between July 24 and Aug. 4, with active blooms this week on Canandaigua, Cayuga, Owasco, and Keuka lakes.

Looking ahead, the combination of rapidly warming water, elevated dissolved oxygen, and a below-target lake level are conditions worth watching as we move deeper into August, historically the peak window for HAB activity in the Finger Lakes. While Seneca has stayed clear so far, the surrounding lakes' bloom activity is a reminder that conditions can shift quickly with wind and water movement. This is also the first of Pure Waters' new weekly water quality updates, launched this week to give the community more frequent, timely reporting through the rest of the season. We encourage everyone on the lake to sign up for our HAB text alerts, avoid any water showing discoloration or surface scum, and report anything unusual to info@senecalake.org.

[Sign Up For Lake Alerts Here](#)

Share Your View of Seneca Lake

Have a favorite photo from the lake this week? We'd love to feature it in an upcoming Water Quality Update. Email it to info@senecalake.org

From Around the Watershed



Understanding Invasive Species in Seneca Lake

Join us August 19 for our next free [Seneca Lake Deep Dive webinar](#) featuring Laurel Williams of the Finger Lakes PRISM. Learn how invasive aquatic plants are monitored, why they



Keeping Pollution Out of Seneca Lake

Our annual [Sediment, Nutrient, and Pollution Reduction](#) (SNPR) is underway, supporting projects that reduce erosion, improve stormwater

matter, and what they mean for the future of our lakes.

management, and keep pollution out of Seneca Lake before it reaches the water.

Register today.

[Learn More & Donate](#)

Seneca Lake HAB Watch

Warm weather means HAB season is here. Staying informed and reporting suspicious blooms helps protect yourself, your family, your pets, and Seneca Lake.

What to Look For

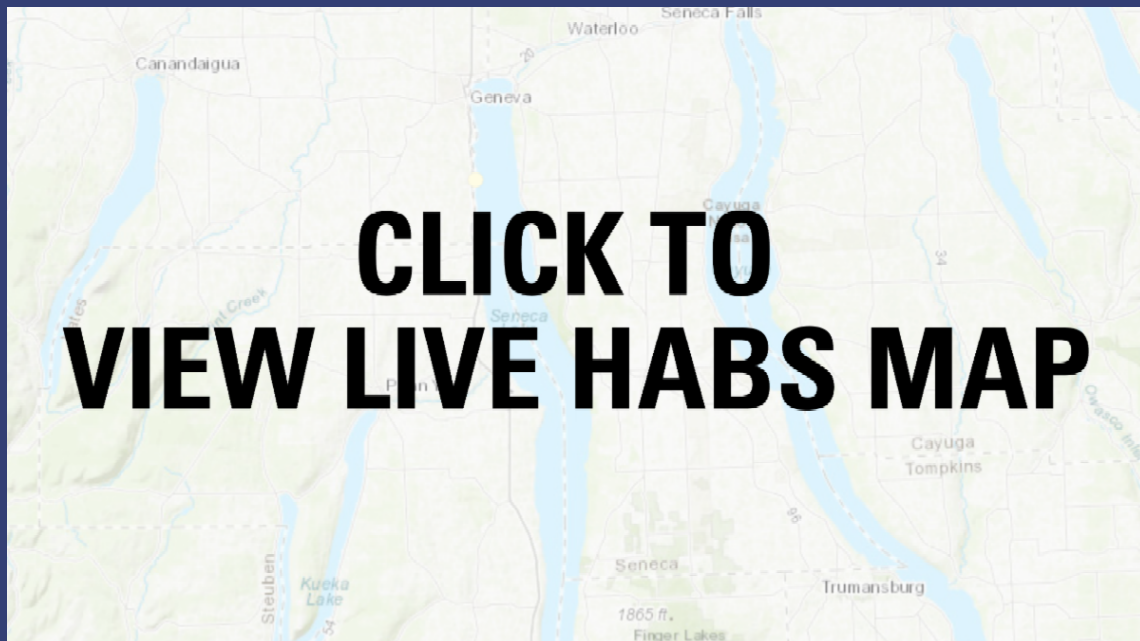
HABs often appear as:

- Pea soup, spilled paint, or surface scum
- Bright green or blue-green water
- Green streaks or swirling mats
- Blooms collecting along shorelines or in quiet coves

If You See a Suspected Bloom

- Stay out: Keep yourself and pets out of the water.
- Take photos: Capture clear photos and note the location.
- Report it: Submit a report to [NYSDEC](#) and email your photos to senecahabs@senecalake.org.

Remember: Conditions can change quickly. If in doubt, stay out.

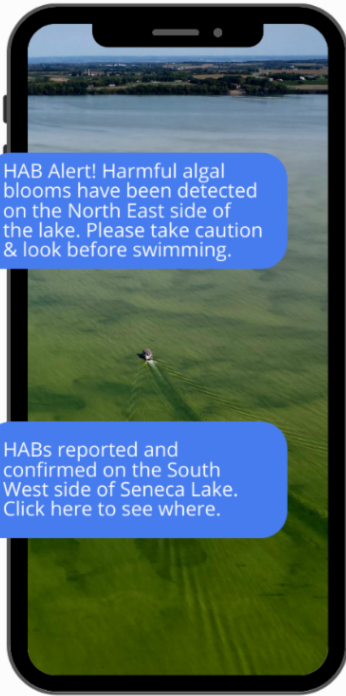




HAB Alert! Harmful algal blooms have been detected on the North East side of the lake. Please take caution & look before swimming.



HABs reported and confirmed on the South West side of Seneca Lake. Click here to see where.



Sign up for Seneca Lake Alerts!

Do you want to know immediately when the first HABS occur on Seneca Lake?

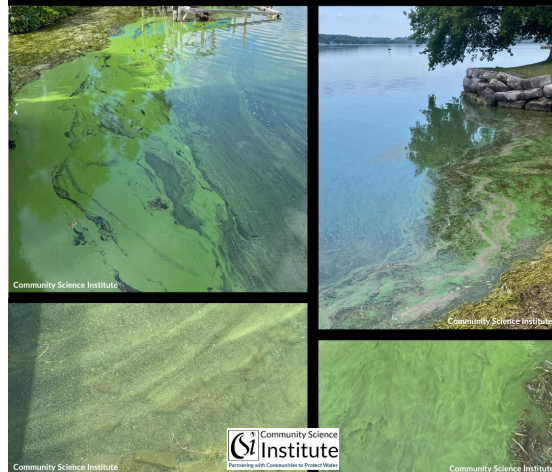
Sign up for our Seneca Lake alert and you'll receive text alerts when there are possible hazardous conditions on Seneca, including HABs.

Subscribe here:
www.senecalake.org/lakealerts

THE FOLLOWING **ARE** HARMFUL ALGAL BLOOMS



THE FOLLOWING **ARE** HARMFUL ALGAL BLOOMS



Help Protect Seneca Lake

Every donation, membership, and volunteer hour helps protect the water quality of Seneca Lake through science, restoration, education, and community action.

[Donate](#) | [Become a Member](#) | [Volunteer](#)



Seneca Lake Pure Waters Association | P.O. Box 247 | Geneva, NY 14456 US

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