

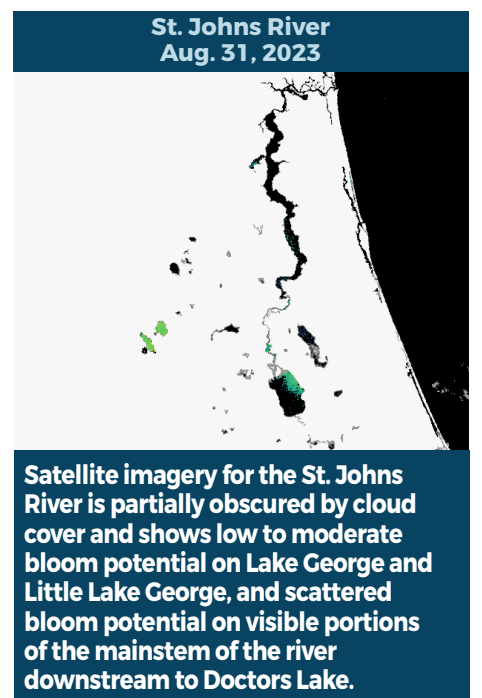
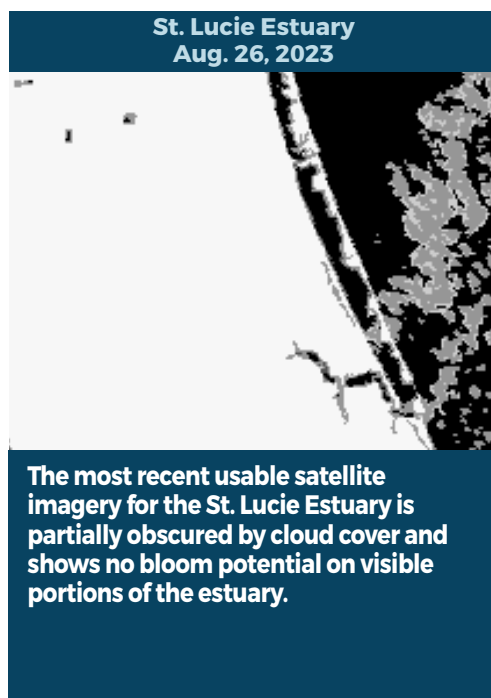
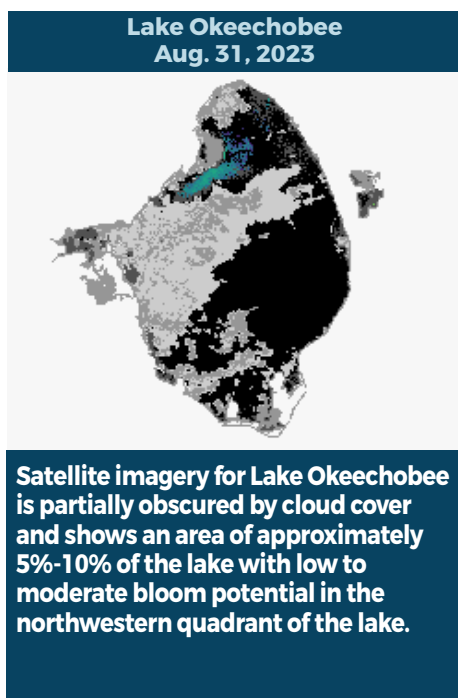
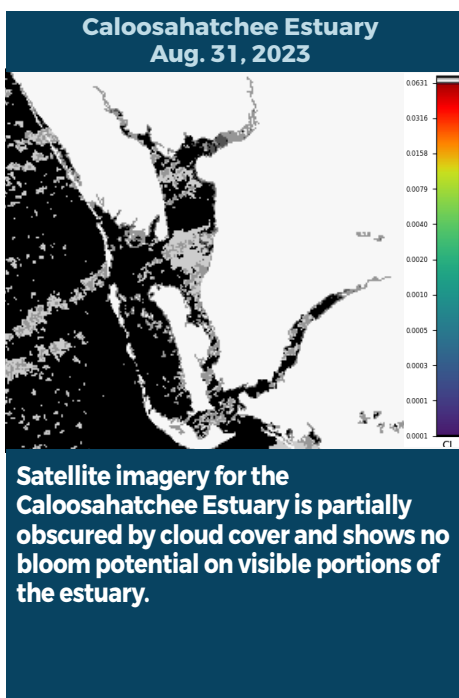


BLUE-GREEN ALGAL BLOOM WEEKLY UPDATE

REPORTING AUGUST 25 - AUGUST 31, 2023

Satellite imagery provided by NOAA - Images are impacted by cloud cover.

A value of 0.004 is nominally equivalent to approximately 20-30 ug/L chlorophyll a of cyanobacteria, and 0.06 would be in the 300-500 ug/L chlorophyll a range. Please keep in mind that bloom potential is subject to change due to rapidly changing environmental conditions or satellite inconsistencies (i.e., wind, rain, temperature or stage).



SUMMARY

There were 10 reported harmful algal bloom (HAB) response or HAB routine site visits in the past seven days with 10 samples collected. Algal bloom conditions were observed by samplers at three of the sites.

On 8/28, Florida Department of Environmental Protection staff collected eight HAB response samples. Dominant algal taxa and cyanotoxin results follow each waterbody name.

- **Little Half Moon Lake - South:** No dominant algal taxon; trace level (0.27 parts per billion [ppb]) microcystins detected.
- **Park Lake - W Shore:** *Microcystis aeruginosa*; trace level (0.35 ppb) microcystins detected.
- **Coral Gables Canal - at Blue Road:** No dominant algal taxon; no cyanotoxins detected.
- **Caloosahatchee River - Saturn Canal:** No dominant algal taxon; no cyanotoxins detected.
- **South Fork New River - Rio Nuevo A Condo:** *Microcystis aeruginosa* and *Microcystis wesenbergii* co-dominant; trace level (0.64 ppb) microcystins detected.
- **Loxahatchee River - SE County Line Road Bridge:** No dominant algal taxon; no cyanotoxins detected.
- **Lake George - North:** *Microcystis aeruginosa*; no cyanotoxins detected.
- **Caywood Pond - SW Dock:** No dominant algal taxon; no cyanotoxins detected.

On 8/29-8/31, St. Johns River Water Management District (SJRWMD) collected two routine HAB monitoring samples.

- **Lake Monroe - Center:** No dominant algal taxon; no cyanotoxins detected.
- **Lake Washington - Center:** Results pending.

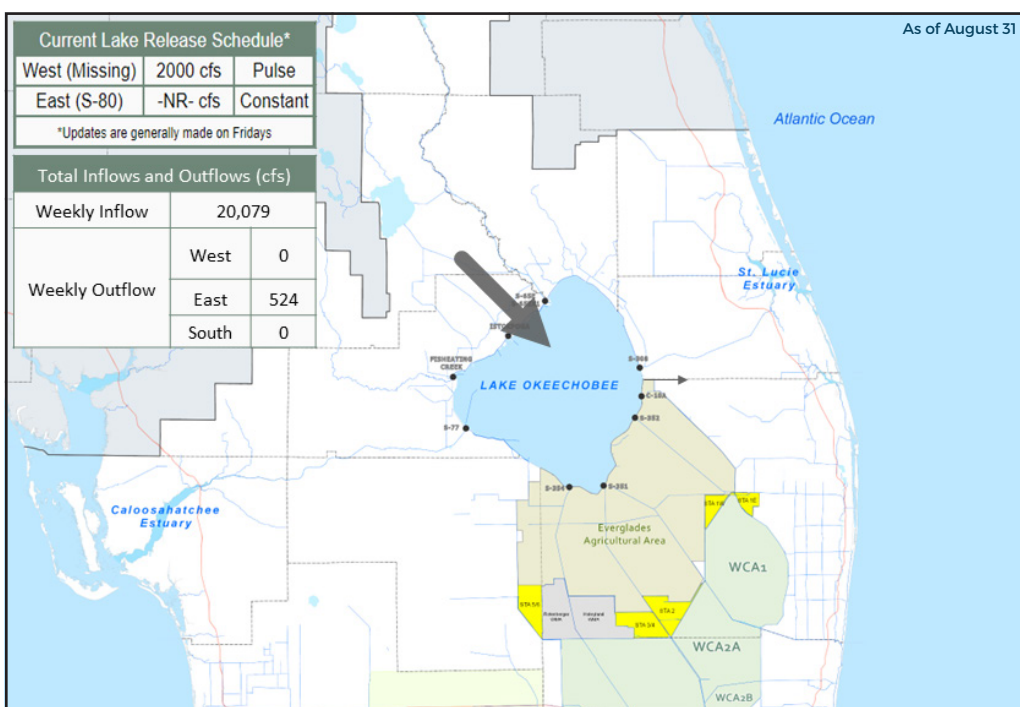
Pending Results from Last Week

On 8/21-8/24, SJRWMD collected a HAB response at **Doctors Lake - Pace Island dock**. The sample was co-dominated by *Microcystis aeruginosa* and *Cylindrospermopsis raciborskii* and had a trace level (0.29 ppb) microcystins detected.

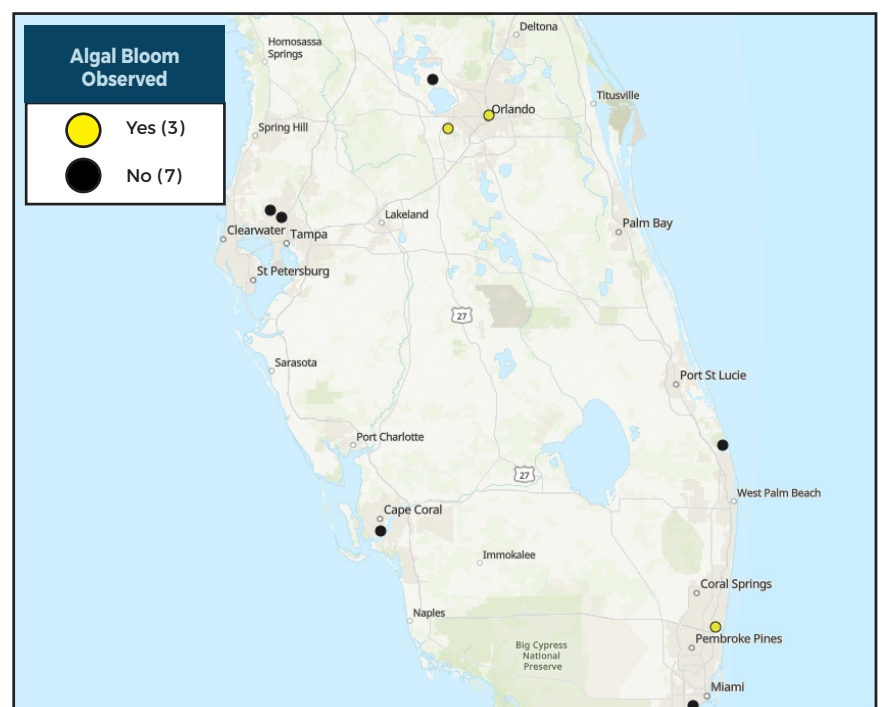
Results for completed analyses are available at FloridaDEP.gov/AlgalBloom.

This is a high-level summary of the sampling events for the reported week. For all field visit and analytical result details, please refer to the complete algal bloom map with data table by clicking the "Field and Lab Details" Quick Link from the Algal Bloom Dashboard. Different types of blue-green algal bloom species can look different and have different impacts. However, regardless of species, many types of blue-green algae can produce toxins that can make you or your pets sick if swallowed or possibly cause skin and/or eye irritation due to contact. We advise staying out of water where algae is visibly present as specks or mats or where water is discolored pea-green, blue-green or brownish-red. Additionally, pets or livestock should not come into contact with algal bloom-impacted water or with algal bloom material or fish on the shoreline.

LAKE OKEECHOBEE OUTFLOWS



SITE VISITS FOR BLUE-GREEN ALGAE



SIGN-UP FOR UPDATES

To receive personalized email notifications about blue-green algae and red tide, visit

PROTECTING TOGETHER
ProtectingFloridaTogether.gov

REPORT PUBLIC HEALTH ISSUES

HUMAN ILLNESS

Florida Poison Control Centers can be reached 24/7 at 800-222-1222
(DOH provides grant funding to the Florida Poison Control Centers)

OTHER PUBLIC HEALTH CONCERNS

CONTACT DOH
(DOH county office)
FloridaHealth.gov/
all-county-locations.html

REPORT ALGAL BLOOMS

SALTWATER BLOOM

- Observe stranded wildlife or a fish kill.
- Information about red tide and other saltwater algal blooms.

CONTACT FWC
800-636-0511 (fish kills)
888-404-3922 (wildlife Alert)
MyFWC.com/RedTide

FRESHWATER BLOOM

- Observe an algal bloom in a lake or freshwater river.
- Information about blue-green algal blooms.

CONTACT DEP
855-305-3903
(to report freshwater blooms)
FloridaDEP.gov/AlgalBloom