



# BLUE-GREEN ALGAL BLOOM WEEKLY UPDATE

## REPORTING NOVEMBER 27 - DECEMBER 3, 2020

### SUMMARY

There were 13 reports of visits in the past seven days (11/27 – 12/3), with 13 samples collected. Algal bloom conditions were observed by the samplers at two sites.

Satellite imagery for **Lake Okeechobee** and the **Caloosahatchee and St. Lucie estuaries** from 12/3 showed scattered low bloom potential on less than 5% of Lake Okeechobee, primarily along the western shore. No significant bloom potential was observed on the visible portions of either estuary.

Satellite imagery for the **St. Johns River** from 12/3 showed scattered low bloom potential on visible portions of **Lake George** and **the main stem of the St. Johns River**. 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).

On 11/30 – 12/1, Florida Department of Environmental Protection (DEP) staff collected samples at **Caloosahatchee River – Canal@SE26th**; **Indian River Lagoon – Cocoa Village Marina**; **Indian River Lagoon – North of Magnolia Point**; **Indian River Lagoon – North of SR 528 Bridge**; and **Indian River Lagoon – South of SR 528 Bridge**. No dominant algal taxon was observed in any of these samples and no cyanotoxins were detected.

On 12/2, St. Johns River Water Management District (SJRWMD) staff collected samples at **Banana River between NASA and 528 Causeways** and **North Indian River Lagoon – SW of 406 Causeway**. Results are still pending.

On 12/2, DEP staff collected samples at **Eau Gallie River – Ballard Park** and **Eau Gallie Causeway – Boat Ramp**. Results are still pending.

On 12/2, Collier County staff collected a sample at **Doctors Bay – Naples Park Shore**. The sample had no dominant algal taxon. Cyanotoxin results are still pending.

On 12/3, Florida Fish and Wildlife Conservation Commission staff collected samples at **Indian River – Parrish Park**, **Banana River – Slick Boat Ramp** and **Indian River – Eau Gallie Pier**. Results are still pending.

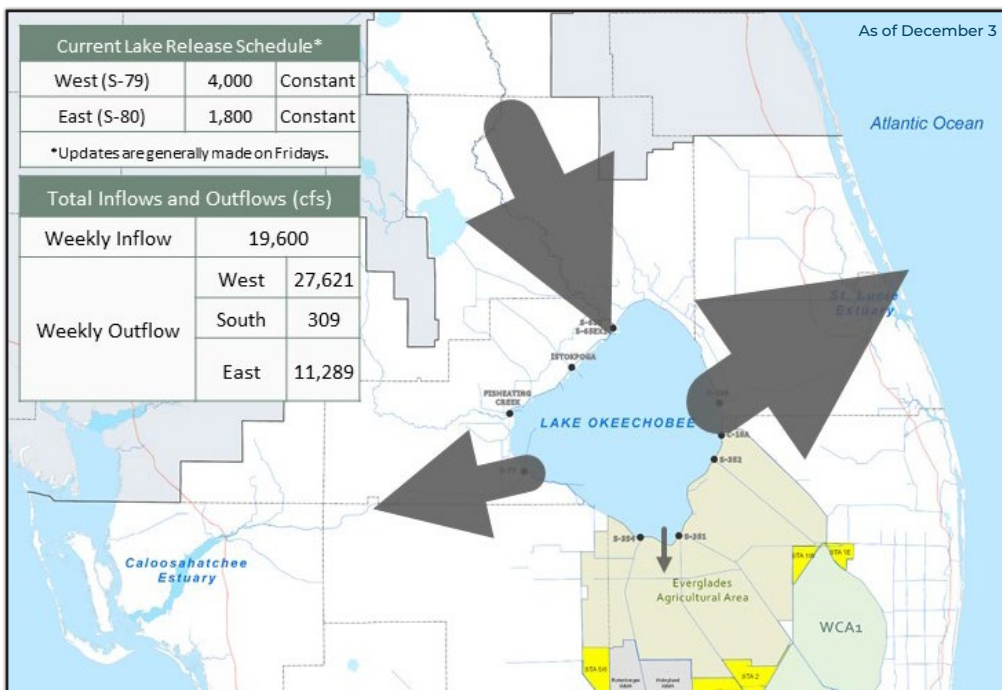
### Last Week

On 11/23, SJRWMD staff collected samples from **Stick Marsh-North**; **Blue Cypress Lake – Center**; **St. Johns River - Mandarin Point**; **Doctors Lake – Center**; and **St. Johns River - Shands Bridge**. None of the samples had a dominant algal taxon and no cyanotoxins were detected.

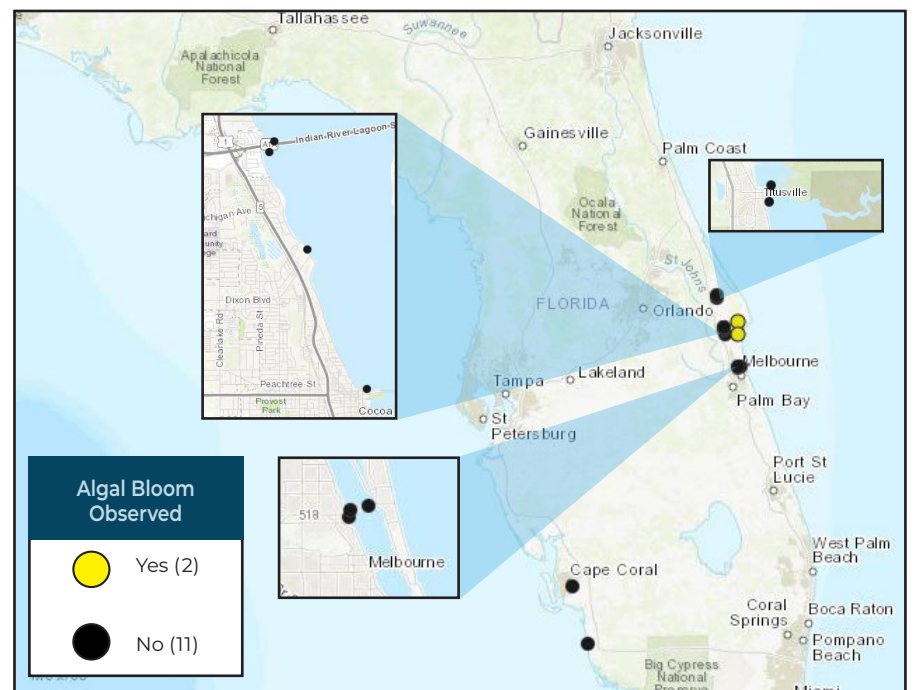
On 11/23, DEP staff visited **Canal 400 Meters South of 30th Street on Palm Drive**; however, no bloom was observed and no sample was collected.

*This is a high-level summary of the sampling events for the reported week. For all field visit and analytical result details, please refer 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 to stay out of water where algae is visibly present as specks, mats or water is discolored pea-green, blue-green or brownish-red. Additionally, pets or livestock should not come into contact with the algal bloom-impacted water, or the algal bloom material or fish on the shoreline.*

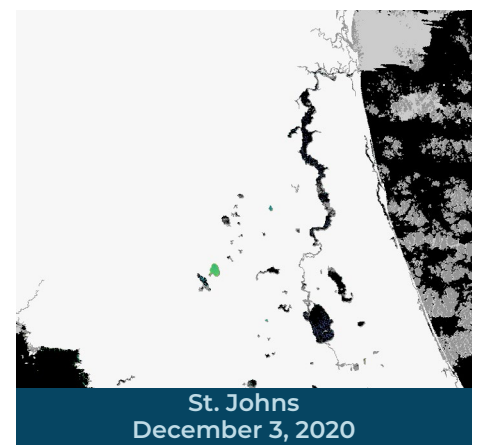
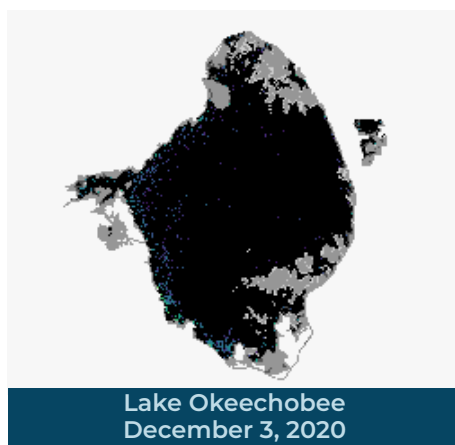
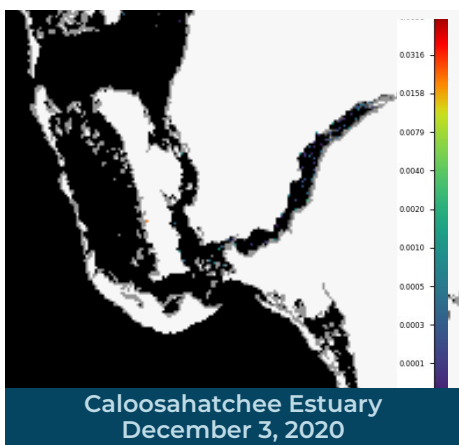
### LAKE OKEECHOBEE OUTFLOWS



### SITE VISITS FOR BLUE-GREEN ALGAE



Satellite Imagery provided by NOAA - Images are impacted by cloud-cover



### REPORTS FROM HOTLINE



### 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](http://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](http://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](http://FloridaDEP.gov/AlgalBloom)

Learn more about Florida's Algal Bloom Monitoring and Response visit our [Water Quality](http://WaterQuality) website to check the current status and to receive updates.

PROTECTING TOGETHER  
[ProtectingFloridaTogether.gov](http://ProtectingFloridaTogether.gov)