



# BLUE-GREEN ALGAL BLOOM WEEKLY UPDATE

## REPORTING NOVEMBER 6 - NOVEMBER 12, 2020

### SUMMARY

There were four reports of visits in the past seven days (11/6 - 11/12) with four samples collected. Algal bloom conditions were observed by the samplers at one site.

Due to Tropical Storm Eta, there is no current satellite imagery for **Lake Okeechobee** and the **Caloosahatchee** and **St. Lucie** estuaries. Images from 11/6 were partially obscured by cloud cover and showed approximately 15% coverage of low to high algal bloom potential, predominantly on the western half of the lake, but these conditions have likely changed. No significant bloom potential was observed on the visible portions of either estuary.

No current satellite imagery is available for the **St. Johns River**. Satellite imagery for the **St. Johns River** from 11/7 did not show any bloom potential on **Lake George** or the **main stem of the St. Johns River**, but conditions may have changed. 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 11/12, Florida Department of Environmental Protection (DEP) staff collected samples at **Lake Okeechobee - Upstream of the S77 Structure** and at the **S308 Structure - Lakeside**. Results are still pending.

On 11/12, Florida Fish and Wildlife Conservation Commission (FWC) staff collected samples from **Indian River-Parrish Park Boat Ramp**, **Indian River Eau Gallie Pier** and **Banana River- 520 Slick Boat Ramp**. Algal identifications are being performed by the FWC's Fish and Wildlife Research Institute. Results are still pending.

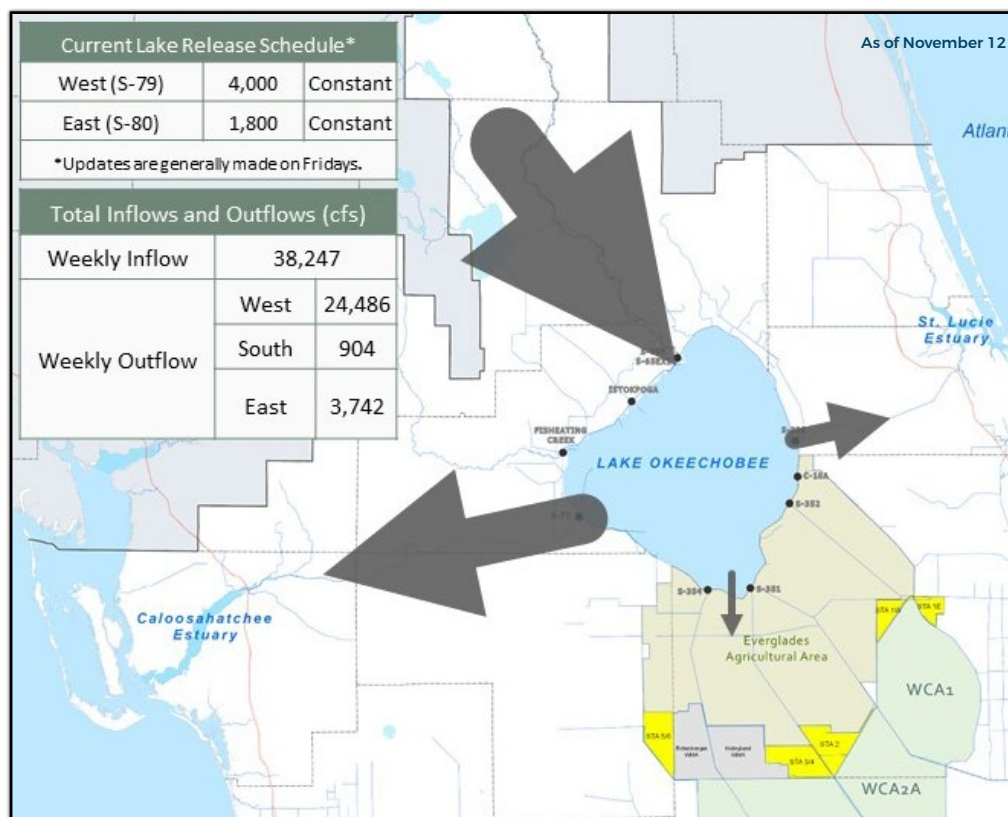
#### Last Week

On 11/5, DEP staff collected samples at **Lake Okeechobee - Upstream of the S77 Structure** and at the **S308 Structure - Lakeside**. Neither sample had a dominant algal taxon and no cyanotoxins were detected.

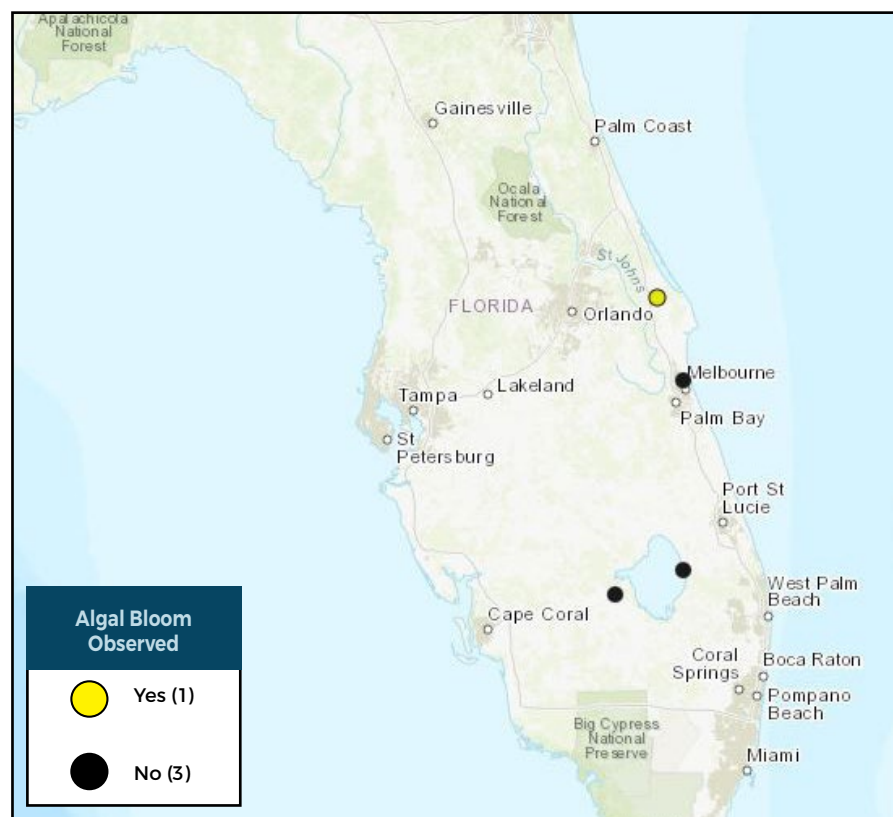
On 11/5, FWC staff collected algal bloom identification samples from **Indian River - Parrish Park**, **Banana River - 520 Slick Boat Ramp** and **Indian River - Eau Gallie Pier**. All three samples were dominated by nanocyanobacteria. No toxin samples were collected due to consecutive non-detects associated with this bloom. Additional toxin samples will be collected on upcoming sampling trips to determine if conditions have changed.

*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.*

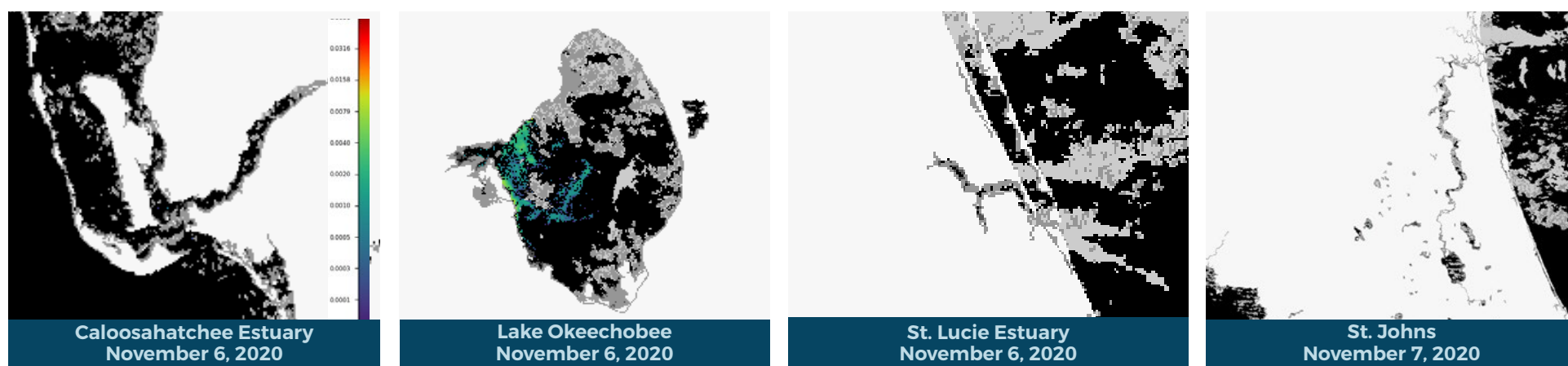
### LAKE OKEECHOBEE OUTFLOWS



### 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

### 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

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

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