There were 18 reports of visits in the past seven days (11/13 - 11/19), with 18 samples collected. Algal bloom conditions were observed by the samplers at six sites.

Satellite imagery for Lake Okeechobee and the Caloosahatchee and St. Lucie estuaries from 11/18 showed low bloom potential on less than 5% of Lake Okeechobee. No significant bloom potential was observed on the visible portions of either estuary.

Satellite imagery for the St. Johns River from 11/18 did not show any bloom potential on visible portions on Lake George or 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 11/16, South Florida Water Management District (SFWMD) staff collected one sample from the C43 Canal - S77 (upstream) and two samples from Lake Okeechobee - S308C (lakeside). All three samples were dominated by Microcystis aeruginosa. The C43 Canal - S77 (upstream) sample had no detectable cyanotoxins, while the two collected at Lake Okeechobee - S308C (lakeside) had 1.0 part per billion and trace (0.01 ppb) total microcystins, respectively.

On 11/16, Florida Department of Environmental Protection (DEP) staff collected samples at Harbor Isle Lake - Northwest Lodge and Harbor Isle Lake – Southern Lodge. Both samples were dominated by Microcystis aeruginosa and had 1.6 ppb and 2.2 ppb total microcystins, respectively.

On 11/17 and 11/18, SFWMD staff collected samples from Lake Okeechobee at KISSR0.0, L22, LOOS. POLESOUT, RITTA2 and LZ30. Total microcystin results follow each sample location name: KISSR0.0 (non-detect); L22 (non-detect); LOOS (trace, 0.48 ppb); POLESOUT (trace, 0.49 ppb); RITTA2 (non-detect) and LZ30 (non-detect). The sites were predominantly dominated by Microcystis aeruginosa.

On 11/19, DEP staff collected samples from Gator Lake - Six Mile Cypress, Lake Okeechobee - above S77 lock, Lake Okeechobee - S308 (lakeside) and Lake Anderson - NW side near outfall. Sample results are still pending.

On 11/19, Fish and Wildlife Conservation Commission (FWC) staff collected algal bloom identification samples from Indian River - Parrish Park, Banana River - S20 Slick Boat Ramp and Indian River - Eau Gallie Pier. Sample results are still pending.

**SUMMARY**

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, they 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 swim, wade or water intake can be toxic. Blue-green or Bisonch Rod. 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**

As of November 19

**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)

Florida Health.gov/
all-county-locations.html

**SALTWATER BLOOM**

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

**FRESHWATER BLOOM**

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

**OTHER PUBLIC HEALTH CONCERNS**

CONTACT DOH

(DOH county office)

FloridaDEP.gov/AlgalBloom

855-305-3903 (to report freshwater blooms)

800-636-0511 (fish kills)

MyFWC.com/RedTide

888-404-3922 (wildlife Alert)

Learn more about red tide or a fish kill

Observe an algal bloom in

**REPORT ALGAL BLOOMS**

FloridaDEP.gov/AlgalBloom

ProtectingFloridaTogether.gov

Protecting Florida Together

Protecting Florida Together.gov

Learn more about Florida’s Algal Bloom Monitoring and Response

visit our Water Quality website to check the current status and to receive updates.