



BLUE-GREEN ALGAL BLOOM WEEKLY UPDATE

REPORTING FEBRUARY 28 - MARCH 5, 2020

SUMMARY

There were two reported site visits in the past seven days (2/28-3/5), with two samples collected. Algal bloom conditions were observed by the samplers at both sites.

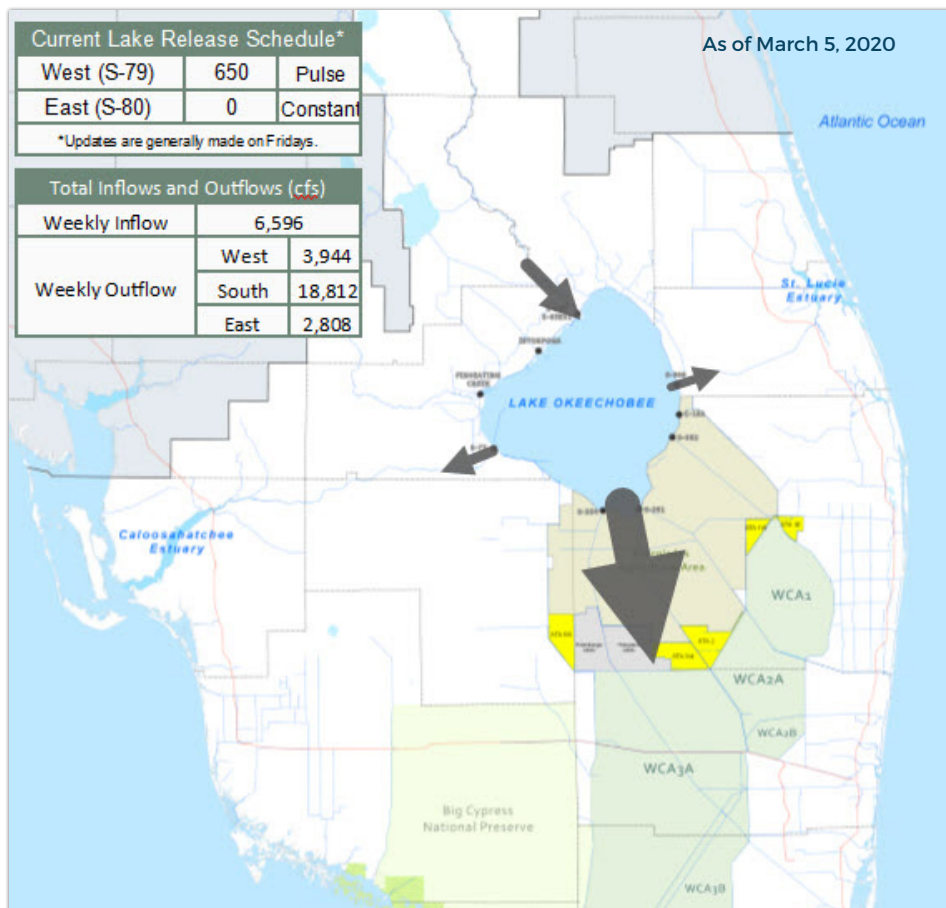
The most recent NOAA satellite imagery taken on 3/5 of Lake Okeechobee shows approximately 10% coverage of low to moderate bloom potential along the northwestern shores of the lake. No significant bloom potential was observed in the imagery for the Caloosahatchee Estuary, the St. Lucie River and the St. Johns River.

St. Johns River Water Management District staff collected a sample at Ocklawaha River-Moss Bluff (MBU) on 3/3. The sample was co-dominated by *Microcystis aeruginosa* and *Coelsphaerium dubium*. The sample had 2.1 parts per billion of total microcystins detected.

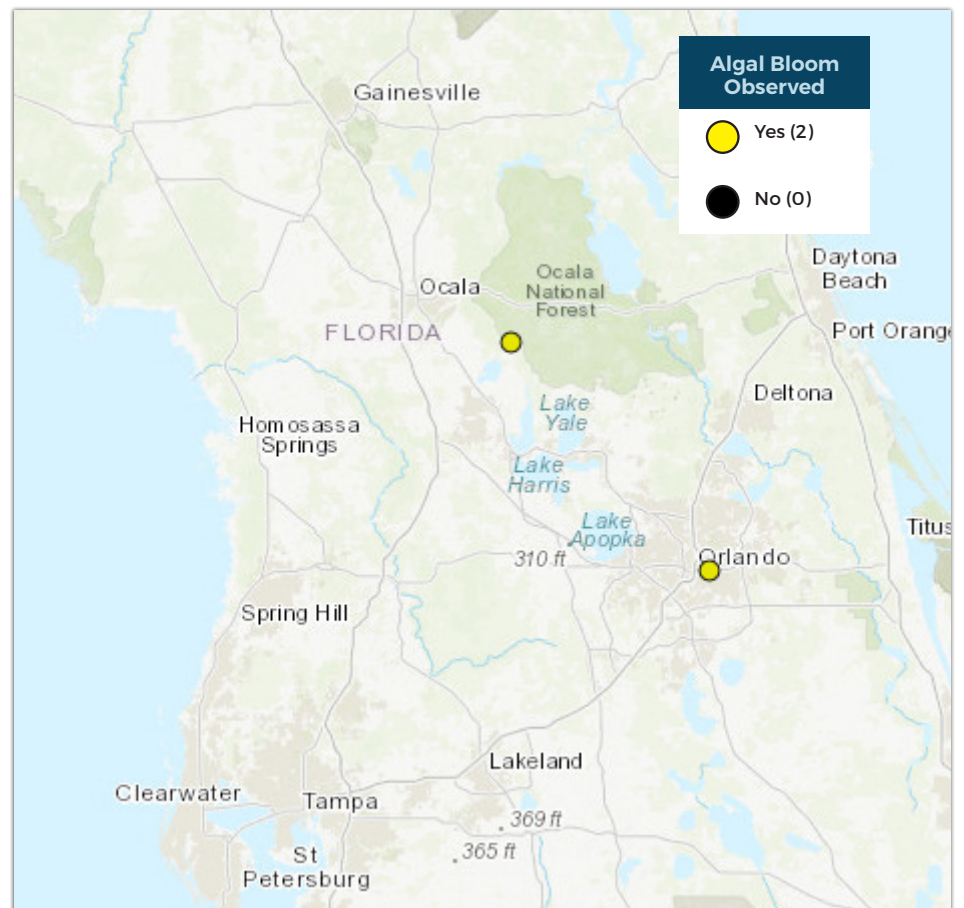
On 3/3, DEP staff collected samples at Lake Arnold. This sample was co-dominated by *Microcystis aeruginosa* and *Cylindrospermopsis raciborskii* and had only trace (1.8 parts per billion) of total microcystin detected.

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.

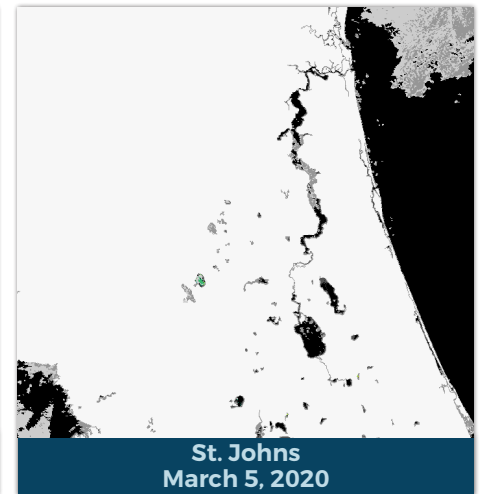
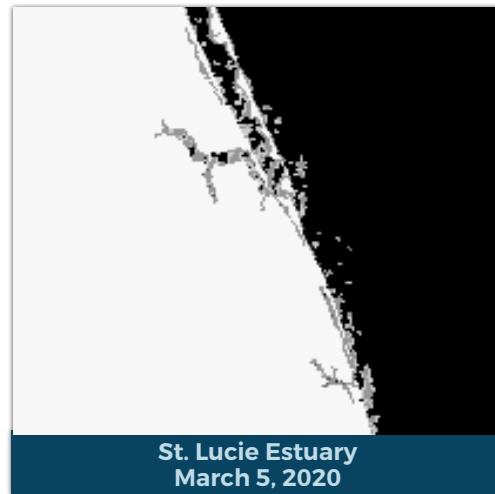
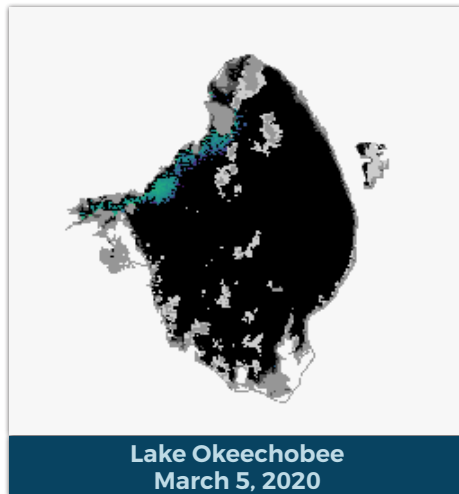
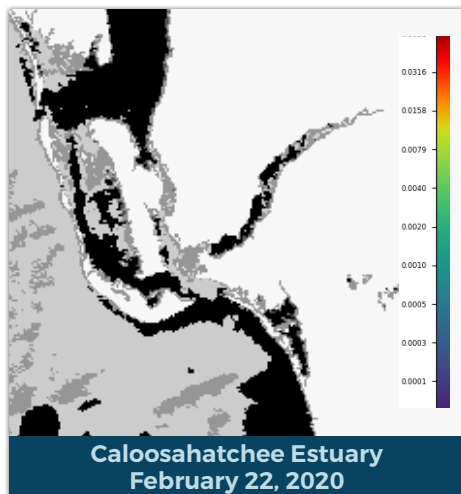
LAKE OKEECHOBEE OUTFLOWS



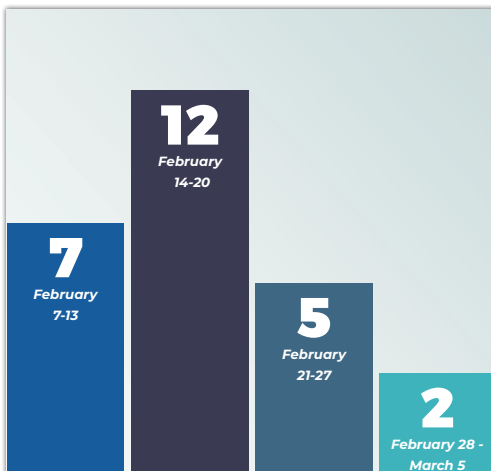
SITE VISITS FOR BLUE-GREEN ALGAE



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