



BLUE-GREEN ALGAL BLOOM WEEKLY UPDATE

Reporting May 10 - May 16, 2019

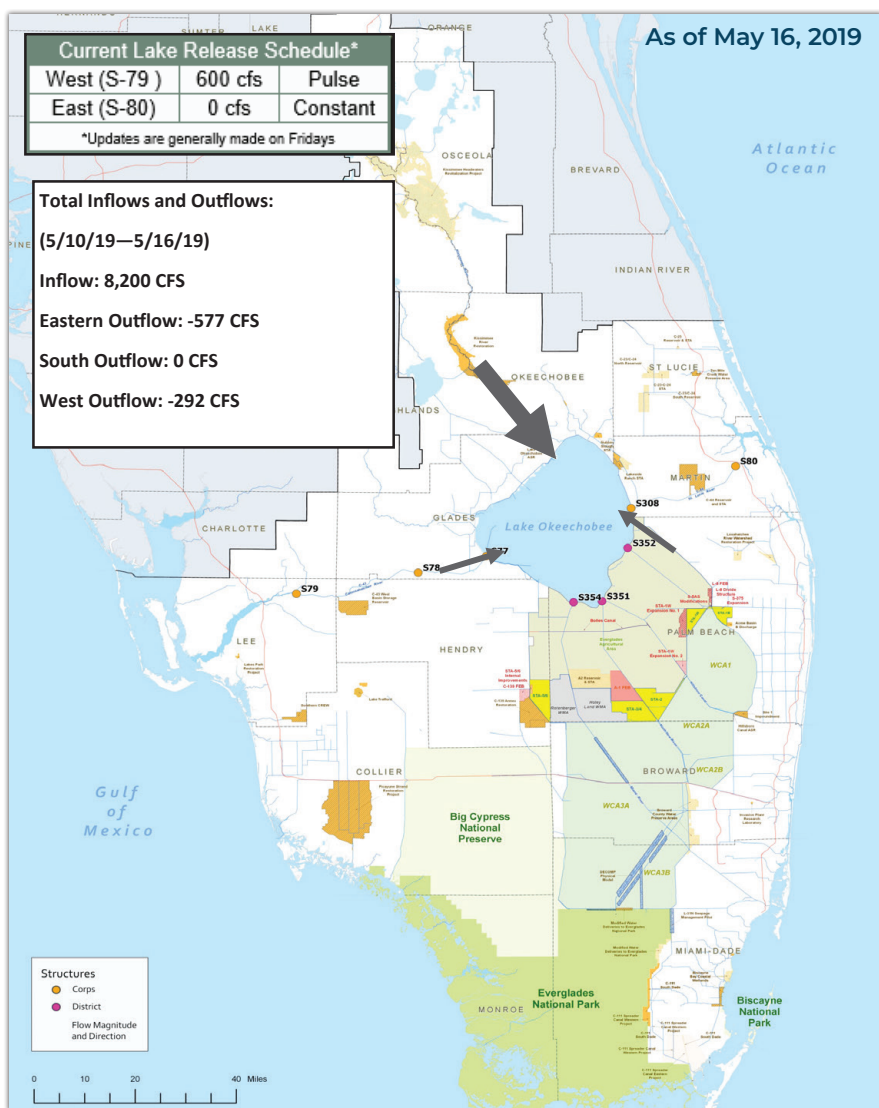
SUMMARY

There were 19 reported site visits in the past week (5/9-5/16) with 18 sites resulting in samples collected. Microcystin toxin was not detected in 14 of the samples; the remaining four are pending the results of analysis. Accumulation of algae was reported only at the Alva Boat Ramp in Lee County, the remaining site observations showed no significant accumulation.

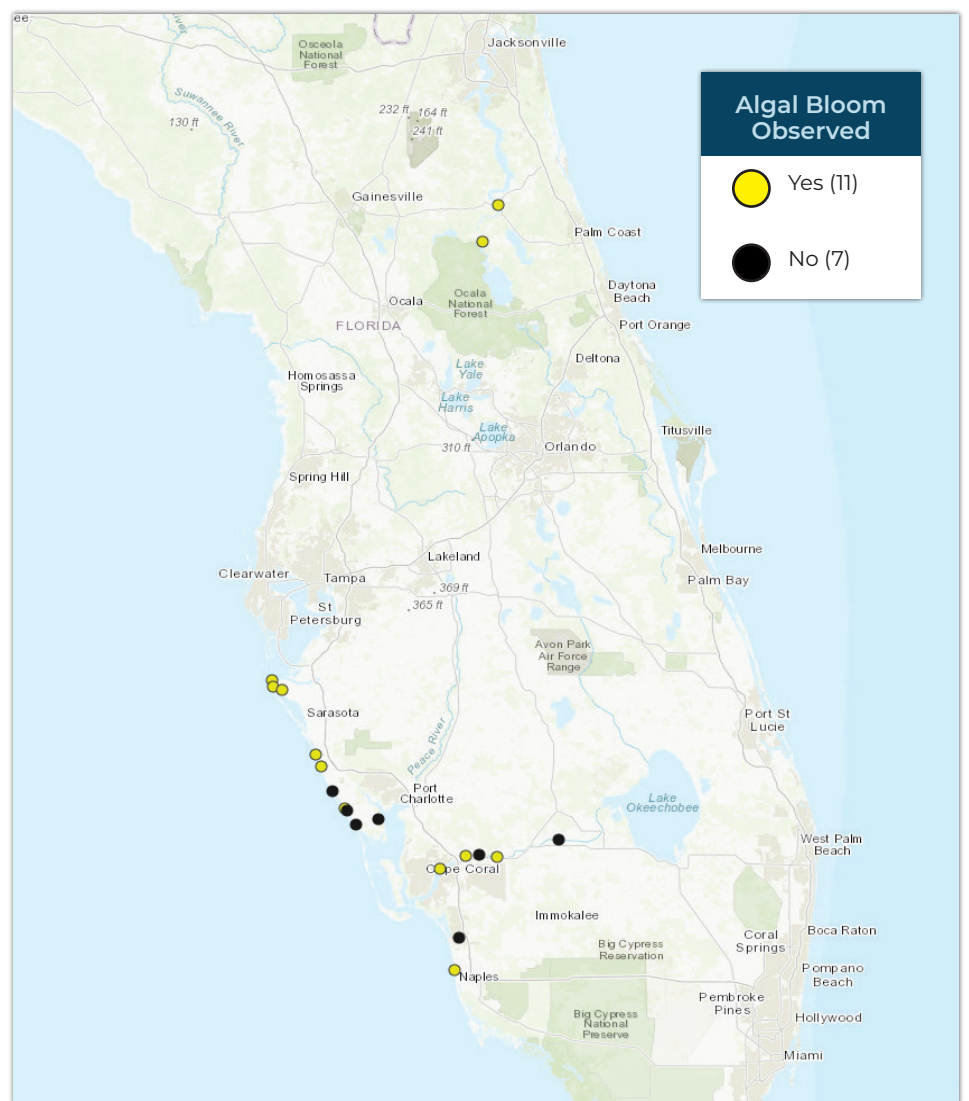
Blue green algae continues to be reported by USACE lock operators upstream and downstream of the S-79/Franklin lock (west of Lake Okeechobee) and at the S-308 structure (east of Lake Okeechobee). Additionally, the bloom on the St. John's River identified in previous weeks persists from Lake George to County Road 208. There has also been accumulation of floating filamentous blue-green algae along the shoreline of the intercoastal waterways of Manatee, Sarasota, and Charlotte counties. DEP field observations indicate that conditions may be improving, with less algal accumulation visible.

Lake Okeechobee field observations by SFWMD staff on 5/15/19 indicated that NOAA satellite imagery for that day may have been over predictive of the amount of algae on the lake. The SFWMD is coordinating with NOAA to gain a better understanding of the difference between the satellite imagery and field observations.

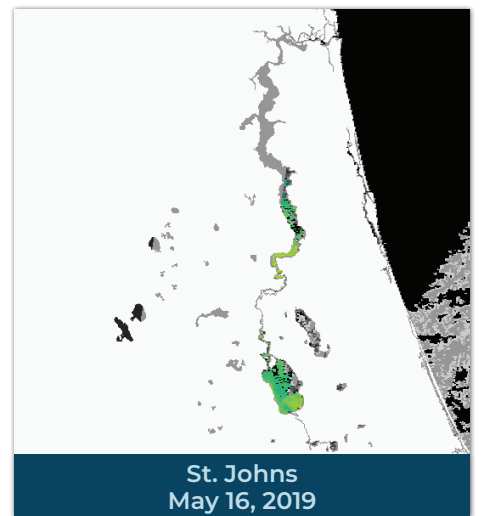
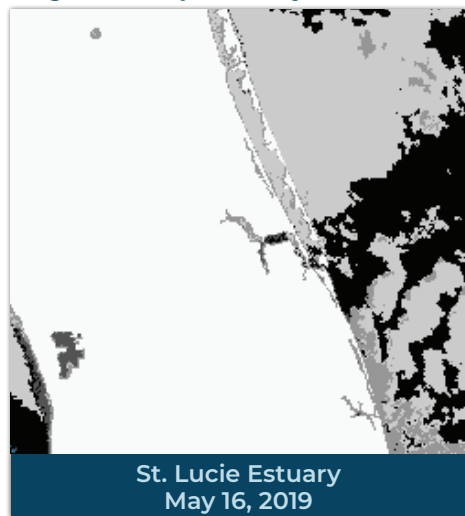
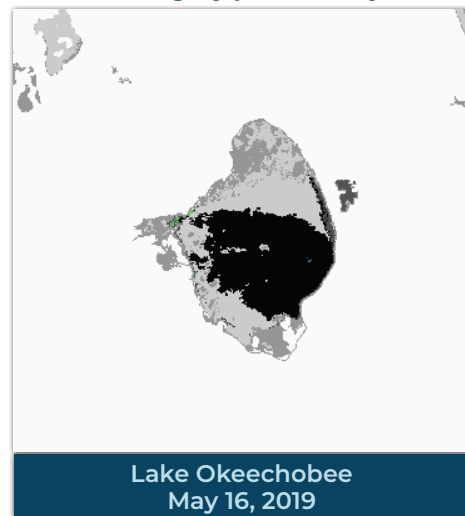
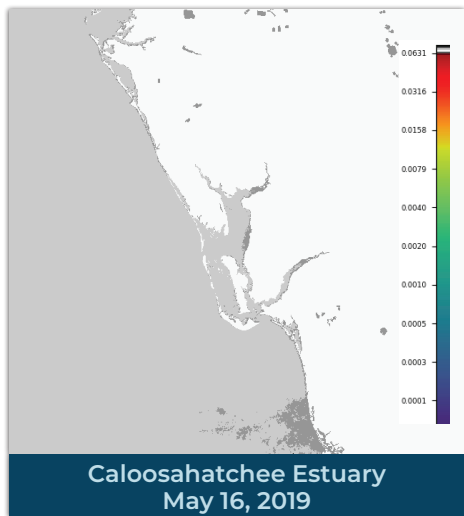
LAKE OKEECHOBEE OUTFLOWS



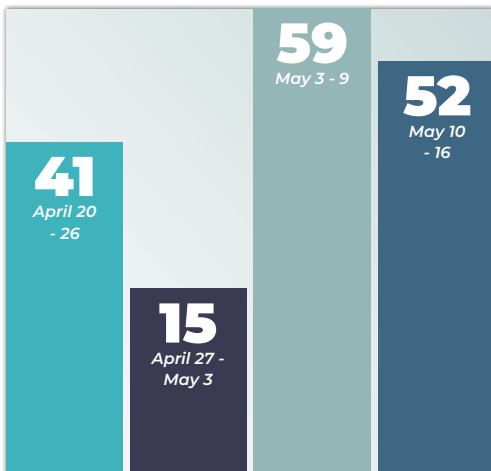
SITE VISITS FOR BLUE-GREEN ALGAE



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



REPORTS FROM HOTLINE



REPORT PUBLIC HEALTH ISSUES

HUMAN ILLNESS

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

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