



BLUE-GREEN ALGAL BLOOM WEEKLY UPDATE

Reporting May 17 - May 23, 2019

SUMMARY

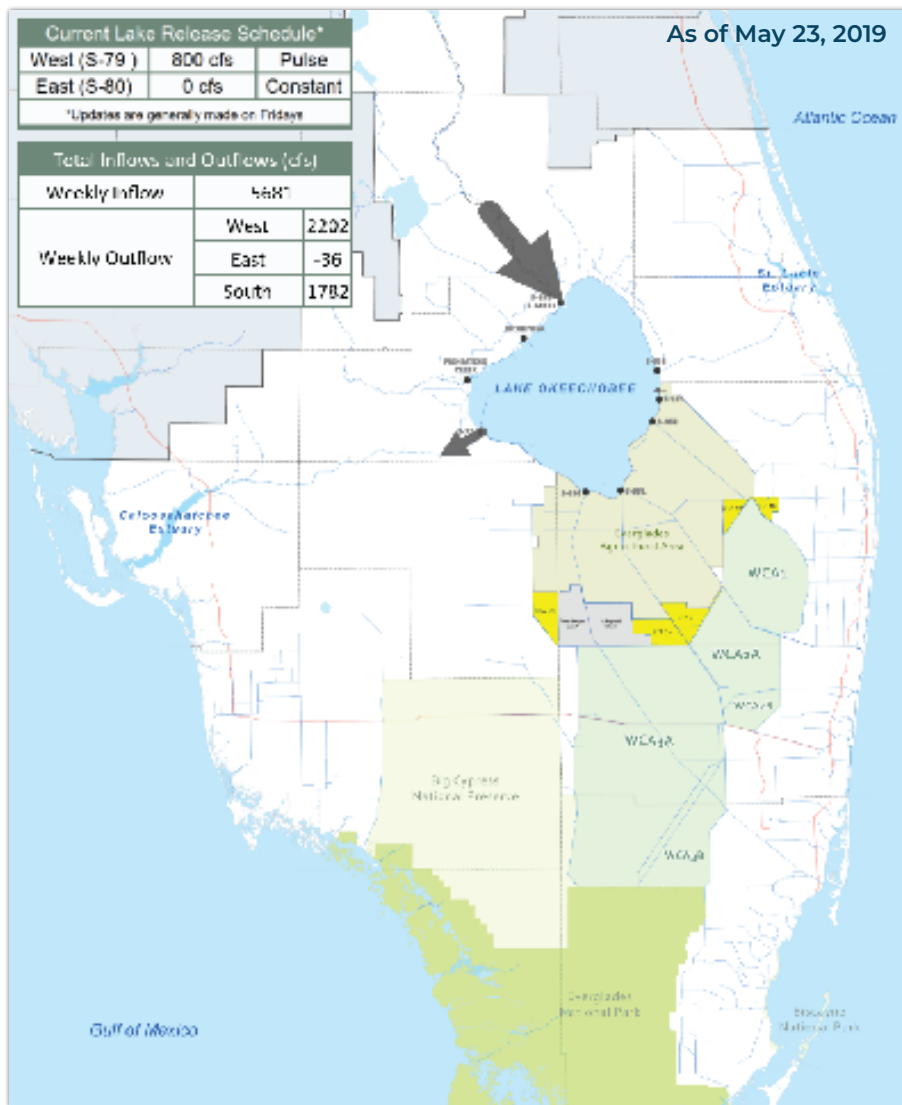
There were 22 reported site visits in the past week (5/17-5/23) with 22 sites resulting in samples collected. Microcystin toxins were detected in seven of the samples; six samples are pending the results of analysis.

Accumulation of algae continues to be reported at the Alva Boat Ramp in Lee County, with new observations at the Franklin Locks and Davis Boat Ramp. 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). Filamentous blue-green algae is still being reported along the coast of SW Florida, but it is less prevalent than previous weeks. No toxins have been detected by the DEP Laboratory in any of the filamentous blue-green algae samples collected to date.

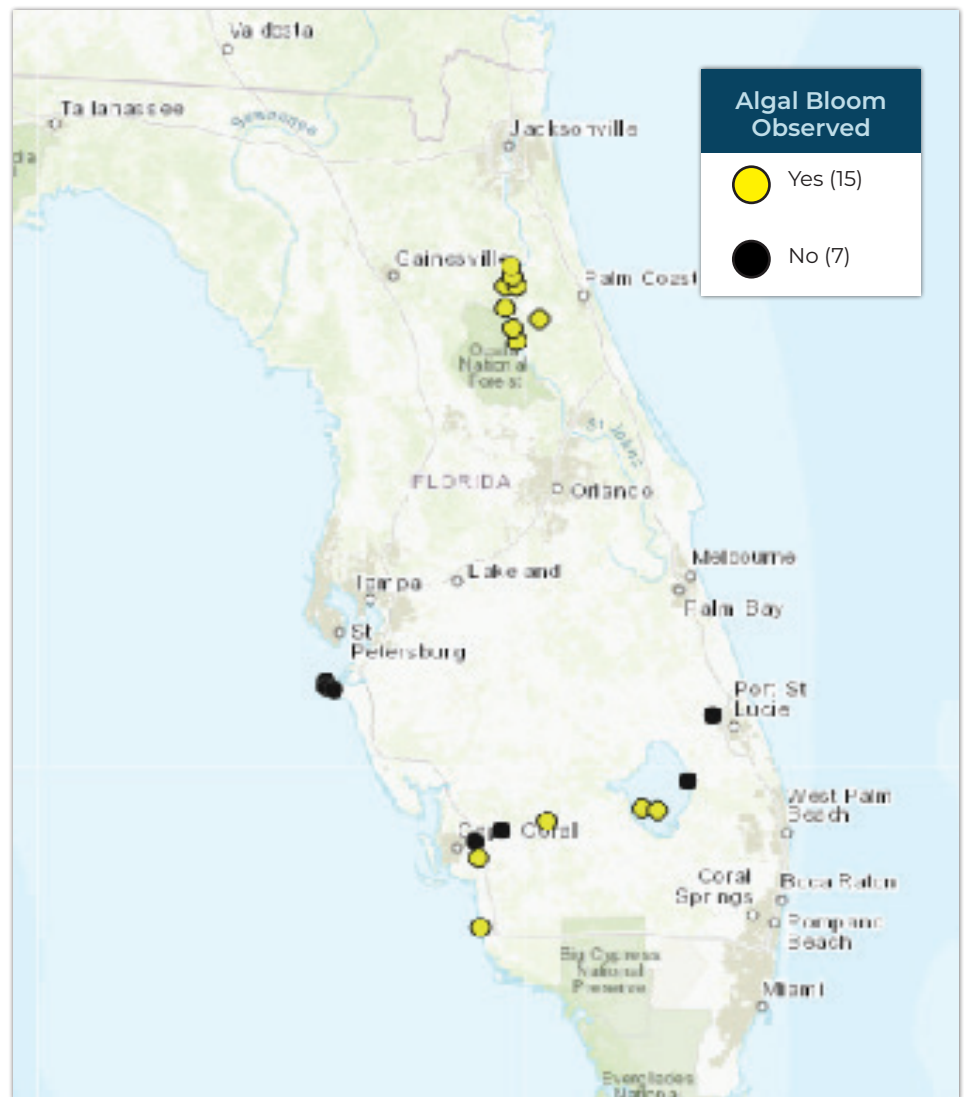
Seven samples were collected by SJRWMD staff on the St. John's River in locations between Lake George north to Palatka. Analytical results for these samples are pending. A bloom of *Microcystis aeruginosa* was reported in Crescent Lake for the first time this year. DOH received a call from a citizen regarding a dog that died after swimming in Lake Broward (Putnam County), but neither DEP nor SJRWMD had not received any reports of algae in Lake Broward. DEP staff will perform a site visit early next week.

Lake Okeechobee NOAA satellite imagery for 5/20/2019 showed algae clearly visible on the south side of Lake Okeechobee. Bloom potential indicates that approximately 1/3 of the Lake may have blue-green algae present. DEP field staff collected algal samples from the affected area on 5/22/2019. Satellite imagery of the estuaries indicates that no significant blue-green algae is present.

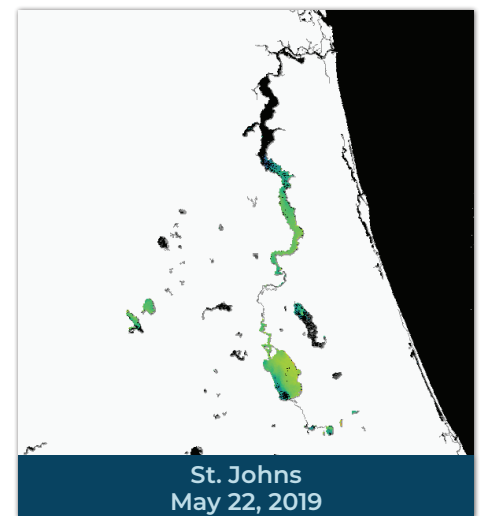
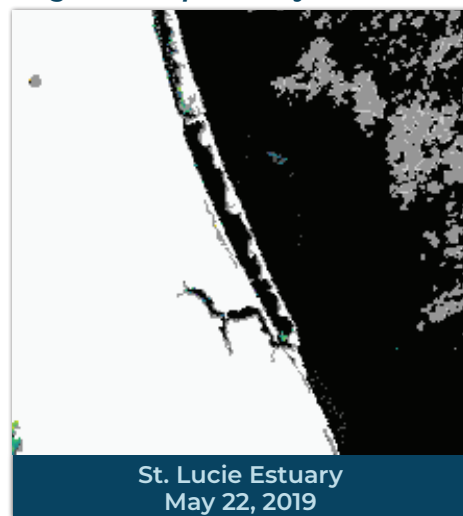
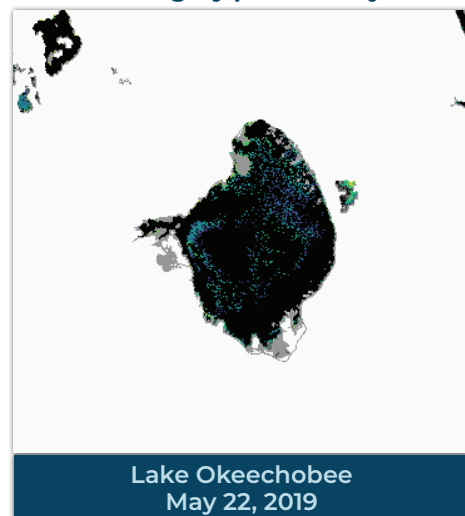
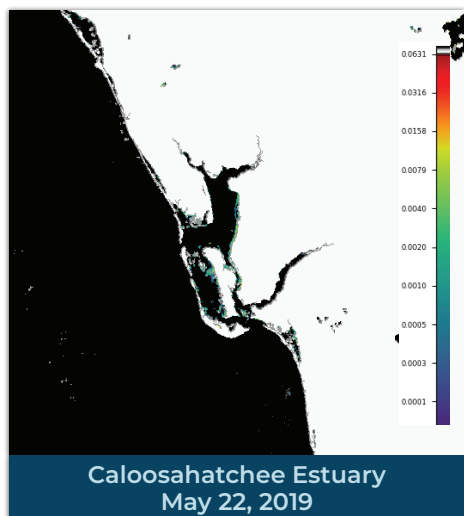
LAKE OKEECHOBEE OUTFLOWS



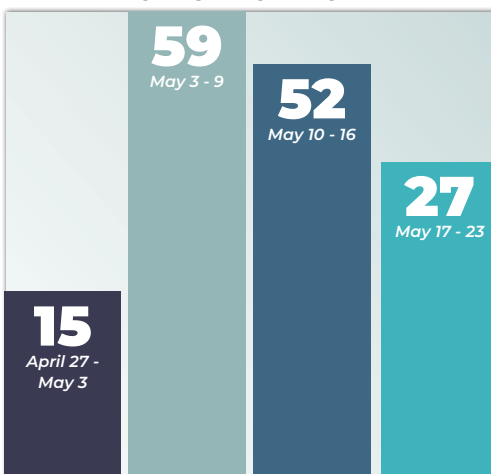
SITE VISITS FOR BLUE-GREEN ALGAE



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