There were 36 reports of visits in the past seven days (10/2 - 10/8), with 36 samples collected. Algal bloom conditions were observed by the samplers at 15 sites.

Satellite imagery for Lake Okeechobee and the Caloosahatchee and St. Lucie estuaries from 10/9 was heavily obscured by cloud cover but showed increased areas of low to high algal bloom potential on the lake compared to the 10/6 image. No bloom potential was observed on the visible portions of either estuary.

Satellite imagery for the St. Johns River from 10/7 was also heavily obscured by cloud cover over the lower portion of the river but did not show any significant bloom potential on Lake George or visible portions of 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 10/8 through 10/7, South Florida Water Management District staff collected samples from two control structures and Lake Okeechobee at the following stations. Cyanotoxin results are included in parentheses following each station name:

- St. Lucie Estuary: NES191 (non-detect);
- Lake Okeechobee: PALMOUT2 (non-detect); NES135 (non-detect).

On 10/5 through 10/7, South Florida Water Management District staff collected samples from two control structures and Lake Okeechobee at the following stations. Cyanotoxin results are included in parentheses following each station name:

- St. Lucie Estuary: NES191 (non-detect);
- Lake Okeechobee: PALMOUT2 (non-detect); NES135 (non-detect).

On 10/7, South Florida Water Management District staff collected samples from two control structures and Lake Okeechobee at the following stations. Cyanotoxin results are included in parentheses following each station name:

- St. Lucie Estuary: NES191 (non-detect);
- Lake Okeechobee: PALMOUT2 (non-detect).

On 10/6, Florida Department of Environmental Protection (DEP) staff collected a sample from Banana River-520 Slick Boat Ramp. Cyanotoxin identifications are being performed by FWC/FWRI (results pending). No cyanotoxins were detected (saxitoxin results still pending).

On 10/5, DEP staff collected a sample from Three Forks Marsh (2.8 miles south of boat ramp). Sample results are still pending.

Last Week

On 9/29, FWC/FWRI 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 FWC/FWRI (results pending). No cyanotoxins were detected (saxitoxin results still pending).

On 9/28, FWC/FWRI 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 FWC/FWRI (results pending). No cyanotoxins were detected (saxitoxin results still pending).

This is a high-level summary of the sampling events for the reported week. For all field visit and analytical results 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, 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. No blooms were detected in the two other samples.

DEP provided satellite imagery for the St. Johns River and the Indian River. No blooms were detected in the two other sites.

On 10/1, staff from the Florida Fish and Wildlife Conservation Commission and Wildlife Research Institute (FWC/FWRI) 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 FWC/FWRI (results pending). No cyanotoxins were detected (saxitoxin results still pending).

On 10/7, staff from the Florida Fish and Wildlife Conservation Commission and Wildlife Research Institute (FWC/FWRI) 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 FWC/FWRI (results pending). No cyanotoxins were detected (saxitoxin results still pending).

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On 10/7, DEP staff collected a sample from Three Forks Marsh (2.8 miles south of boat ramp). Sample results are still pending.

On 9/29, FWC/FWRI 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 FWC/FWRI (results pending). No cyanotoxins were detected (saxitoxin results still pending).

On 9/28, FWC/FWRI 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 FWC/FWRI (results pending). No cyanotoxins were detected (saxitoxin results still pending).

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