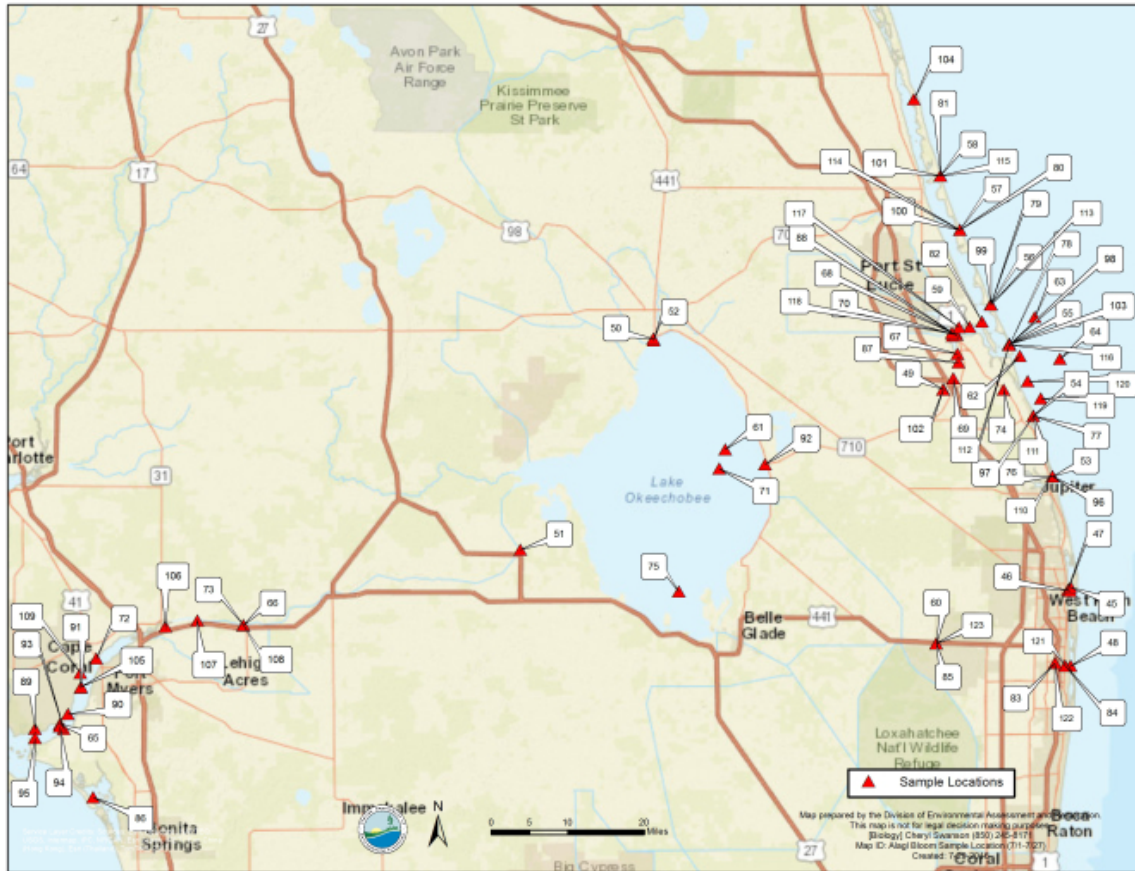


South Florida Algal Bloom Sampling Results – July



| Sample Date | Samples Collected By | Samples Analyzed By | Sampling Location (Latitude and Longitude) | Depth (Meters) | Algae ID (Type of Blue Green Algae) | Microcystin Toxin (measurement in micrograms per liter) |
|-----------------|----------------------|---------------------|--|----------------|--|---|
| 7/27/2016 (123) | FDEP | FDEP | Palm Beach County Flying Cow Road Bridge (N 26° 40' 58.05", W -80° 17' 53.83") | 0.25 | mixed algae; no dominant species in sample | not detected |
| 7/27/2016 (122) | FDEP | FDEP | Palm Beach County Lake Clarke Shores (N 26° 38' 58.8", W -80° 4') | 0.25 | mixed algae; no dominant species in sample | not detected |

| | | | | | | |
|--------------------|------|--------------------------------|--|-------|--|--------------|
| | | | 27.2") | | | |
| 7/27/2016 (121) | FDEP | FDEP | Palm Beach County S155 (N 26° 38' 41.20", W -80° 3' 17.98") | 0.25 | mixed algae; no dominant species in sample | not detected |
| 7/25/2016 (120) | FDEP | FDEP | Martin County St. Lucie SE02 (N 27° 5' 43", W -80° 7' 31") | 0.25 | mixed algae; no dominant species in sample | not detected |
| 7/25/2016 (119) | FDEP | FDEP | Martin County St. Lucie Estuary SE11 (N 27° 12' 20", W -80° 6' 3") | 0.25 | mixed algae; no dominant species in sample | not detected |
| 7/26/2016 (118) | FDEP | FDEP | Martin County St. Lucie River-docks near Dyer Point (N 27° 12' 20", W -80° 16' 8") | 0.3 | mixed algae; no dominant species in sample | 1.5 l |
| 7/26/2016 (117) | FDEP | FDEP | Martin County St. Lucie River-Central Marine (N 27° 12' 55", W -80° 15' 18") | 0.3 | mixed algae; no dominant species in sample | 1.8 l |
| 7/25/2016 (116) | FDEP | FDEP | Martin County Bathtub Beach Reef Park (N 27° 11' 7", W -80° 9' 36") | 0.3 | mixed algae; no dominant species in sample | not detected |
| 7/26/2016 (115) | FWRI | FWRI - algal ID; FDEP - toxins | Martin County Ft. Pierce Inlet Beach (N 27° 28' 11", W 80° 17' 25") | 0.6 m | mixed algae; no dominant species in sample | not detected |
| 7/26/2016 (114) | FWRI | FWRI - algal ID; FDEP - toxins | Martin County Blind Creek Beach North (N 27° 22' 44", W 80° 15' | 0.6 m | mixed algae; no dominant species in sample | not detected |

| | | | | | | |
|--------------------|------|--------------------------------------|--|-------|--|--------------|
| | | | 12") | | | |
| 7/26/2016 (113) | FWRI | FWRI - algal ID; FDEP - toxins | St. Lucie County Jensen Beach (N 27° 15' 14", W 80° 11' 44") | 0.6 m | mixed algae; no dominant species in sample | not detected |
| 7/26/2016 (112) | FWRI | FWRI - algal ID; FDEP - toxins | St. Lucie County Bathtub Beach (N 27° 11' 13", W 80° 9' 36") | 0.6 m | mixed algae; no dominant species in sample | not detected |
| 7/26/2016 (111) | FWRI | FWRI - algal ID; FDEP - toxins | St. Lucie County Hobe Sound Beach (N 27° 3' 59", W 80° 6' 53") | 0.6 m | mixed algae; no dominant species in sample | not detected |
| 7/26/2016 (110) | FWRI | FWRI - algal ID; FDEP - toxins | Palm Beach County Coral Cove Beach (N 26° 57' 53", W 80° 4' 42") | 0.6 m | mixed algae; no dominant species in sample | not detected |
| 7/21/2016 (109) | FDEP | FDEP | Lee County N. Ft. Myers Canal on Caloosahatchee River (N 26° 37' 58.6776", W -81° 54' 49.8924") | 0.3 | mixed algae; no dominant species in sample | not detected |
| 7/21/2016 (108) | FDEP | FDEP | Lee County Alva Boat Ramp (N 29° 27' 54", W -82° 10' 39") | 0.3 | mixed algae; no dominant species in sample | not detected |
| 7/21/2016 (107) | FDEP | FDEP | Lee County Franklin Locks, upstream (N 26° 43' 16.0", W -81° 41' 35") | 0.3 | mixed algae; no dominant species in sample | not detected |
| 7/21/2016 (106) | FDEP | FDEP | Lee County Davis Boat Ramp (N 26° 42' 40.6080", W -81° | 0.3 | mixed algae; no dominant species in sample | not detected |

| | | | | | | |
|--------------------|------|--------------------------------------|---|-----|--|--------------|
| | | | 45' 11.8440") | | | |
| 7/21/2016 (105) | FDEP | FDEP | Lee County Midpoint Bridge at Park (Four Mile Cove) (N 26° 36' 33.5880", W -81° 54' 45.8964") | 0.3 | mixed algae; no dominant species in sample | not detected |
| 7/19/2016 (104) | FDEP | FDEP | Indian River County Moorings Yacht Club beach (N 27° 35' 51.6300", W - 80° 20' 25.0332") | 0.3 | mixed algae; no dominant species in sample | not detected |
| 7/19/2016 (103) | FDEP | FDEP | Martin County Bathtub Beach Reef Park (N 27° 11' 12.1056", W - 80° 9' 37.0296") | 0.3 | mixed algae; no dominant species in sample | not detected |
| 7/19/2016 (102) | FDEP | FDEP | Martin County C44S80 (N 27° 6' 37", W -80° 17' 7") | 0.3 | mixed algae; no dominant species in sample | not detected |
| 7/19/2016 (101) | FWC | FWRI - algal ID; FDEP - toxins | St. Lucie County Ft. Pierce Inlet Beach (N 27° 28' 11", W 80° 17' 25") | 0.6 | mixed algae; no dominant species in sample | not detected |
| 7/19/2016 (100) | FWC | FWRI - algal ID; FDEP - toxins | St. Lucie County Blind Creek Beach North (N 27° 22' 44", W 80° 15' 12") | 0.6 | mixed algae; no dominant species in sample | not detected |
| 7/19/2016 (99) | FWC | FWRI - algal ID; FDEP - toxins | Martin County Jensen Beach (N 27° 15' 14", W 80° 11' 44") | 0.6 | mixed algae; no dominant species in sample | not detected |
| 7/19/2016 (98) | FWC | FWRI - algal ID; FDEP - | Martin County Bathtub Beach (N 27° 11' 13", W | 0.6 | mixed algae; no dominant species | not detected |

| | | | | | | |
|-------------------|------|--------------------------------------|--|-----|--|--------------|
| | | toxins | 80° 9' 36") | | in sample | |
| 7/16/2016 (97) | FWC | FWRI - algal ID; FDEP - toxins | Martin County Hobe Sound Beach (N 27° 3' 59", W 80° 6' 53") | 0.6 | mixed algae; no dominant species in sample | not detected |
| 7/19/2016 (96) | FWC | FWRI - algal ID; FDEP - toxins | Palm Beach County Coral Cove Beach (N 26° 57' 53", W 80° 4' 92") | 0.6 | mixed algae; no dominant species in sample | not detected |
| 7/18/2016 (95) | FDEP | FDEP | Lee County Shell Point (N 26° 31' 21.2520", W - 81° 59' 58.1640") | 0.3 | mixed algae; no dominant species in sample | not detected |
| 7/18/2016 (93) | FDEP | FDEP | Lee County Caloosahatchee River at Channel Marker 76 (N 26° 32' 32.8920", W - 81° 57' 8.5680") | 0.3 | mixed algae; no dominant species in sample | not detected |
| 7/18/2016 (92) | FDEP | FDEP | Martin County S308C (N 26° 59' 05", W -80° 37' 217") | 0.3 | mixed algae; no dominant species in sample | 1.4 l |
| 7/14/2016 (91) | FDEP | FDEP | Lee County Horton Park boat ramp (N 26° 36' 27.2880", W 81° 54' 48.096") | 0.3 | mixed algae; no dominant species in sample | not detected |
| 7/14/2016 (90) | FDEP | FDEP | Lee County Bernice Braden Park (N 26° 33' 48.8880", W 81° 56' 13.9560") | 0.3 | mixed algae; no dominant species in sample | 1.1 l |
| 7/14/2016 (89) | FDEP | FDEP | Lee County Cape Harbor Marina Dock (N 26° 32' 18.2040", W 81° 59' | 0.3 | mixed algae; no dominant species in sample | not detected |

| | | | | | | |
|-------------------|-------|------|---|-----------------|--|---------------|
| | | | 57.1920") | | | |
| 7/13/2016 (88) | FDEP | FDEP | Martin County St. Lucie river 80m west of NW Dixie Hwy Bridge (N 27° 12' 10", W 80° 15' 42") | 0.3 | mixed algae; no dominant species in sample | not detected |
| 7/13/2016 (87) | FDEP | FDEP | Martin County S. Fork St. Lucie south of Veteran's Memorial Bridge (N 27° 9' 24", W 80° 15' 22") | 0.3 | mixed algae; no dominant species in sample | not detected |
| 7/13/2016 (86) | FDEP | FDEP | Lee County Estero Bay north of Coon Key (N 26° 25' 22", W 81° 53' 22") | Not provided | mixed algae; no dominant species in sample | not detected |
| 7/13/2016 (85) | SFWMD | FDEP | Palm Beach County Flying Cow Road Bridge (N 26° 40' 58.05", W 80° 17' 53.83") | 0.25 | mixed algae; no dominant species in sample | 22.6 |
| 7/13/2016 (84) | SFWMD | FDEP | Palm Beach County S155 (N 26° 38' 41.20", W 80° 3' 17.98") | 0.25 | mixed algae; no dominant species in sample | 36.2 |
| 7/13/2016 (83) | SFWMD | FDEP | Palm Beach County Lake Clarke Shores (N 26° 38' 58.8", W 80° 4' 27.2") | 0.25 | mixed algae; no dominant species in sample | not detected |
| 7/12/2016 (82) | FDEP | FDEP | Martin County Indian Riverside Park (N 27° 13' 29", W 80° 12' | 0 | Dominant taxon: Plectonema wollei | not collected |

| | | | | | | |
|-------------------|-------|--------------------------------------|--|-----|--|--------------|
| | | | 42") | | | |
| 7/12/2016 (81) | FWC | FWRI - algal ID; FDEP - toxins | St. Lucie County Ft. Pierce Inlet Beach (N 27° 28' 10", W 80° 17' 25") | 0.6 | mixed algae; no dominant species in sample | not detected |
| 7/12/2016 (80) | FWC | FWRI - algal ID; FDEP - toxins | St. Lucie County Blind Creek Beach North (N 27° 22' 44", W 80° 15' 12") | 0.6 | mixed algae; no dominant species in sample | not detected |
| 7/12/2016 (79) | FWC | FWRI - algal ID; FDEP - toxins | Martin County Jensen Beach (N 27° 15' 13", W 80° 11' 43") | 0.6 | mixed algae; no dominant species in sample | not detected |
| 7/12/2016 (78) | FWC | FWRI - algal ID; FDEP - toxins | Martin County Bathtub Beach (N 27° 11' 13", W 80° 9' 36") | 0.6 | mixed algae; no dominant species in sample | not detected |
| 7/12/2016 (77) | FWC | FWRI - algal ID; FDEP - toxins | Martin County Hobe Sound Beach (N 27° 3' 58", W 80° 6' 52") | 0.6 | mixed algae; no dominant species in sample | not detected |
| 7/12/2016 (76) | FWC | FWRI - algal ID; FDEP - toxins | Palm Beach County Coral Cove Beach (N 26° 57' 52", W 80° 4' 43") | 0.6 | mixed algae; no dominant species in sample | not detected |
| 7/12/2016 (75) | SFWMD | FDEP | Palm Beach County L007 (N 26° 46' 12", W -80° 47' 3.6") | 0.3 | Dominant taxon: Aphanizomenon flosaquae | not detected |
| 7/12/2016 (74) | SFWMD | FDEP | Martin County C44S80 (N 27° 6' 37", W -80° 17' 7") | 0.3 | mixed algae; no dominant species in sample | not detected |

| | | | | | | |
|-------------------|-------|------|--|-----|--|--------------|
| 7/12/2016 (73) | FDEP | FDEP | Lee County Alva Boat Ramp at Josephine Street (N 26° 42' 50", W -81° 36' 21") | 0.3 | mixed algae; no dominant species in sample | 1.3 l |
| 7/12/2016 (72) | FDEP | FDEP | Lee County North Shore Park (N 26° 39' 27.0432", W -81° 53' 1.3344") | 0.3 | mixed algae; no dominant species in sample | not detected |
| 7/11/2016 (71) | SFWMD | FDEP | Martin County L004 (N 26° 58' 40", W -80° 42' 29") | 0.3 | mixed algae; no dominant species in sample | 3.6 l |
| 7/11/2016 (70) | FDEP | FDEP | Martin County St. Lucie River 30M east of SW Ashby Ln docks (N 27° 12' 3.3102", W -80° 16' 2.4086") | 0.3 | mixed algae; no dominant species in sample | 1.8 l |
| 7/11/2016 (69) | FDEP | FDEP | Martin County St. Lucie, South Fork (N 27° 7' 46.77", W -80° 15' 57.420") | 0.3 | mixed algae; no dominant species in sample | 4.6 |
| 7/7/2016 (68) | SFWMD | FDEP | Martin County St. Lucie Estuary- SE03 (N 27° 12' 10", W -80° 15' 33") | 0.3 | mixed algae; no dominant species in the sample | not detected |
| 7/7/2016 (67) | SFWMD | FDEP | Martin County St. Lucie Estuary- SE08B (N 27° 10' 14", W -80° 15' 28") | 0.3 | mixed algae; no dominant species in the sample | not detected |
| 7/7/2016 (66) | FDEP | FDEP | Lee County Alva Boat Ramp (N 26° 42' 47.5914", W -81° | 0.3 | mixed algae; no dominant species in the sample | not detected |

| | | | | | | |
|-------------------|-------|--------------------------------------|--|-----------------|--|--------------|
| | | | 36' 23.328") | | | |
| 7/7/2016 (65) | FDEP | FDEP | Lee County Cape Coral Yacht Club (N 26° 32' 33.4314", W -81° 57' 8.4954") | 0.3 | mixed algae; no dominant species in the sample | 1 |
| 7/7/2016 (64) | FWC | FWRI - algal ID; FDEP - toxins | Ocean Sample West 400 Artificial Reef (N 27° 9' 44.1", W - 80° 3' 51.480") | 0.6 | mixed algae; no dominant species in the sample | not detected |
| 7/7/2016 (63) | FWC | FWRI - algal ID; FDEP - toxins | Ocean Sample Upside down Barge wreck (N 27° 13' 56.8920", W -80° 6' 42.840") | 0.6 | mixed algae; no dominant species in the sample | not detected |
| 7/7/2016 (62) | FWC | FWRI - algal ID; FDEP - toxins | Ocean Sample Whistle Buoy (N 27° 10' 2.280", W -80° 8' 24.720") | 0.6 | mixed algae; no dominant species in the sample | not detected |
| 7/6/2016 (N/A) | OUA | GreenWater Laboratories | Okeechobee Utility Authority Old Intake - after ozone (not provided) | not provided | not analyzed | not detected |
| 7/6/2016 (61) | SFWMD | FDEP | Martin County S308C, Port Mayaca Lakeside Lower (N 26° 59' 095", W -80° 37' 288") | 0.3 | Dominant taxon: Planktolyngbya limnetica | 1.4 l |
| 7/6/2016 (60) | SFWMD | FDEP | Palm Beach County C51 at Flying Cow Rd. Bridge (N 26° 40' 58.01", W - 80° 17' 53.96") | 0.25 | mixed algae; no dominant species in the sample | 6.3 |

| | | | | | | |
|------------------|-------|--------------------------------------|---|-----|--|--------------|
| 7/6/2016 (59) | FDEP | FDEP | Martin County St. Lucie River - 50m from shore between NE Anchorage Dr. and NE Glass Dr. (N 27° 12' 57", W -80° 14' 7") | 0.3 | mixed algae; no dominant species in the sample | 7.3 |
| 7/6/2016 (58) | FWC | FWRI - algal ID; FDEP - toxins | St. Lucie County Ft. Pierce Inlet Beach (N 27° 28' 29", W 80° 17' 25") | 0.5 | mixed algae; no dominant species in sample | not detected |
| 7/6/2016 (57) | FWC | FWRI - algal ID; FDEP - toxins | St. Lucie County Blind Creek Beach North (N 27° 22' 43", W 80° 15' 12") | 0.5 | mixed algae; no dominant species in sample | not detected |
| 7/6/2016 (56) | FWC | FWRI - algal ID; FDEP - toxins | Martin County Jensen Beach (N 27° 15' 12", W 80° 11' 41") | 0.5 | mixed algae; no dominant species in sample | not detected |
| 7/6/2016 (55) | FWC | FWRI - algal ID; FDEP - toxins | Martin County Bathtub Beach (N 27° 11' 13", W 80° 9' 37") | 0.5 | mixed algae; no dominant species in sample | not detected |
| 7/6/2016 (54) | FWC | FWRI - algal ID; FDEP - toxins | Martin County Hobe Sound Beach (N 27° 4' 0", W 80° 6' 53") | 0.5 | mixed algae; no dominant species in sample | not detected |
| 7/6/2016 (53) | FWC | FWRI - algal ID; FDEP - toxins | Palm Beach County Coral Cove Beach (N 26° 57' 51", W 80° 4' 42") | 0.5 | mixed algae; no dominant species in sample | not detected |
| 7/5/2016 (52) | SFWMD | FDEP | Okeechobee County Lake Okeechobee Interior (N 27° 11' 21", W -80° 49' | 0.3 | Dominant taxon: Dolichospermum circinale | not detected |

| | | | | | | |
|------------------|-------|------|--|--------------|---|--------------|
| | | | 32") | | | |
| 7/5/2016 (51) | SFWMD | FDEP | Glades County S-77 Structure (N 26° 50' 26.82", W -81° 5' 0.68") | 0.3 | mixed algae; no dominant species in the sample | not detected |
| 7/5/2016 (50) | SFWMD | FDEP | Okeechobee County Lake Okeechobee Rim Canal (N 27° 11' 46.8", W -80° 49' 56.9") | 0.3 | mixed algae; no dominant species in the sample | not detected |
| 7/5/2016 (49) | SFWMD | FDEP | Martin County St. Lucie Lock, C44 S80 (N 27° 6' 39", W -80° 17' 4") | 0.3 | Co-dominant taxa: Microcystis aeruginosa and Dolichospermum circinale | 86 |
| 7/5/2016 (48) | FDEP | FDEP | Palm Beach County C-51 Canal at Lake Worth Lagoon (N 26° 38' 40", W -80° 2' 40") | 0.3 | mixed algae; no dominant species in the sample | not detected |
| 7/1/2016 (47) | FDEP | FDEP | Palm Beach County Peanut Island West (N 26° 46' 25.1954", W -80° 2' 58.2176") | not provided | mixed algae; no dominant species in the sample | not analyzed |
| 7/1/2016 (46) | FDEP | FDEP | Palm Beach County Peanut Island East (N 26° 46' 17.652", W -80° 2' 36.6") | not provided | mixed algae; no dominant species in the sample | not analyzed |
| 7/1/2016 (45) | FDEP | FDEP | Palm Beach County Peanut Island North (N 26° 46' 38.784", W -80° | not provided | mixed algae; no dominant species in the sample | not analyzed |

| | | | | | | |
|--|--|--|--------------|--|--|--|
| | | | 2' 39.5160") | | | |
|--|--|--|--------------|--|--|--|