

## Red Tide Status - Florida East Coast

### September 4, 2026

**Present Status:** The red tide organism, *Karenia brevis*, was not observed in samples collected from Nassau, Duval, St. Johns, Flagler, Volusia, Brevard, Martin, Palm Beach, or Broward counties. No samples from Indian River, St. Lucie, or Miami-Dade counties were analyzed this week.

| County | Date Collected | Coastal or Offshore* | <i>Karenia brevis</i> Levels | Sample Depth (m) | Site Location                               | Collector |
|--------|----------------|----------------------|------------------------------|------------------|---------------------------------------------|-----------|
| Nassau | 08/27          | Coastal              | Not Present                  | 0.3              | St. Marys Inlet                             | GTMNERR   |
| Nassau | 08/31          | Coastal              | Not Present                  | 0.3              | St. Marys Inlet                             | GTMNERR   |
| Nassau | 09/01          | Coastal              | Not Present                  | 0.3              | Christopher Creek; SE of (Nassau River)     | GTMNERR   |
| Nassau | 09/01          | Coastal              | Not Present                  | 0.3              | Tiger Creek; NE of (St. Marys River)        | GTMNERR   |
| Duval  | 08/27          | Coastal              | Not Present                  | 0.3              | St. Johns Inland                            | GTMNERR   |
| Duval  | 08/27          | Coastal              | Not Present                  | 0.3              | Ft. George Inland                           | GTMNERR   |
| Duval  | 08/27          | Coastal              | Not Present                  | 0.3              | St. Johns Inlet                             | GTMNERR   |
| Duval  | 08/27          | Coastal              | Not Present                  | 0.3              | Ft. George Inlet                            | GTMNERR   |
| Duval  | 08/27          | Coastal              | Not Present                  | 0.3              | Nassau Inlet                                | GTMNERR   |
| Duval  | 08/31          | Coastal              | Not Present                  | 0.3              | St. Johns Inlet                             | GTMNERR   |
| Duval  | 08/31          | Coastal              | Not Present                  | 3                | Ft. George Inlet                            | GTMNERR   |
| Duval  | 08/31          | Coastal              | Not Present                  | 0.3              | Ft. George Inland                           | GTMNERR   |
| Duval  | 08/31          | Coastal              | Not Present                  | 0.3              | Nassau Inlet                                | GTMNERR   |
| Duval  | 08/31          | Coastal              | Not Present                  | 0.3              | St. Johns Inland                            | GTMNERR   |
| Duval  | 09/01          | Coastal              | Not Present                  | 0.3              | Tiger Point; W of (Edwards Creek)           | GTMNERR   |
| Duval  | 09/01          | Coastal              | Not Present                  | 0.3              | Waterville Road; NW of (Pumpkin Hill Creek) | GTMNERR   |

| County    | Date Collected | Coastal or Offshore* | <i>Karenia brevis</i> Levels | Sample Depth (m) | Site Location                                      | Collector |
|-----------|----------------|----------------------|------------------------------|------------------|----------------------------------------------------|-----------|
| St. Johns | 08/31          | Coastal              | Not Present                  | 0.3              | North Point Road; W of (Tolomato River)            | FDACS     |
| St. Johns | 08/31          | Coastal              | Not Present                  | 0.3              | Capos Island; N of (Tolomato River)                | FDACS     |
| St. Johns | 08/31          | Coastal              | Not Present                  | 0.3              | Mid-Salt Run                                       | FDACS     |
| St. Johns | 08/31          | Coastal              | Not Present                  | 0.3              | Vilano Beach Point; S of (St. Augustine Inlet)     | FDACS     |
| St. Johns | 09/02          | Coastal              | Not Present                  | 0.5              | Guana River Dam; NE of (Guana Lake)                | GTMNERR   |
| Flagler   | 08/30          | Coastal              | Not Present                  | 0.5              | 15th Street South; E of                            | CS        |
| Flagler   | 08/30          | Coastal              | Not Present                  | 0.5              | Moody Boulevard Bridge; N of (Matanzas River)      | CS        |
| Volusia   | 08/31          | Coastal              | Not Present                  | 0.3              | East Halifax Avenue; S of (Mosquito Lagoon)        | FDACS     |
| Volusia   | 08/31          | Coastal              | Not Present                  | 0.3              | Deadmans Cove (Mosquito Lagoon)                    | FDACS     |
| Volusia   | 08/31          | Coastal              | Not Present                  | 0.3              | Cedar Island; N of (Cedar Creek)                   | FDACS     |
| Volusia   | 08/31          | Coastal              | Not Present                  | 0.3              | Cedar Island; S of (Mosquito Lagoon)               | FDACS     |
| Brevard   | 08/31          | Coastal              | Not Present                  | 0.2              | Port St. John Boat Ramp (Indian River)             | FWRI-FIM  |
| Brevard   | 08/31          | Coastal              | Not Present                  | 0.2              | Geiger Point; Melbourne Causeway at (Indian River) | FWRI-FIM  |
| Brevard   | 08/31          | Coastal              | Not Present                  | 0.2              | Ramp Road Park Boat Ramp (Banana River)            | FWRI-FIM  |
| Brevard   | 08/31          | Coastal              | Not Present                  | 0.2              | 520 Slick Boat Ramp (Banana River)                 | FWRI-FIM  |
| Brevard   | 08/31          | Coastal              | Not Present                  | 0.2              | Kelly Park (Banana River)                          | FWRI-FIM  |
| Brevard   | 08/31          | Coastal              | Not Present                  | 0.5              | Diamond Bay (Banana River)                         | MRC       |
| Brevard   | 08/31          | Coastal              | Not Present                  | 0.2              | Eau Gallie Pier (Indian River)                     | FWRI-FIM  |

| County     | Date Collected | Coastal or Offshore* | <i>Karenia brevis</i> Levels | Sample Depth (m) | Site Location                            | Collector |
|------------|----------------|----------------------|------------------------------|------------------|------------------------------------------|-----------|
| Brevard    | 08/31          | Coastal              | Not Present                  | 0.2              | Parrish Park Boat Ramp (Indian River)    | FWRI-FIM  |
| Brevard    | 08/31          | Coastal              | Not Present                  | 0.2              | NASA Causeway; SE side of (Indian River) | FWRI-FIM  |
| Brevard    | 09/01          | Coastal              | Not Present                  | 0.5              | Ballyshannon Street; E of                | MRC       |
| Brevard    | 09/01          | Coastal              | Not Present                  | 0.5              | Macfarlane Street; W of (Indian River)   | MRC       |
| Martin     | 08/28          | Coastal              | Not Present                  | 0.3              | Stuart Causeway (Indian River)           | NOAA-PMN  |
| Palm Beach | 08/31          | Coastal              | Not Present                  | 0.5              | Jupiter Inlet (Loxahatchee River)        | MRC       |
| Broward    | 08/27          | Coastal              | Not Present                  | 1                | Deerfield Beach Fishing Pier             | BCEPCRD   |
| Broward    | 08/27          | Coastal              | Not Present                  | 1                | Pompano Beach Fisher Family Pier         | BCEPCRD   |
| Broward    | 08/27          | Coastal              | Not Present                  | 1                | Dania Beach Fishing Pier                 | BCEPCRD   |

\*Coastal samples, including all estuarine samples, are collected within 1 mile of the coastline. Offshore samples are collected 1 or more miles from the coastline.

**Note:** BCEPCRD = Broward County Environmental Planning and Community Resilience Division; CS = Community Scientist; FDACS = Florida Department of Agriculture and Consumer Services; FWRI-FIM = FWRI-Fisheries Independent Monitoring; GTMNERR = Guana Tolomato Matanzas National Estuarine Research Reserve; MRC = Marine Resource Council; NOAA-PMN = National Oceanic and Atmospheric Administration - Phytoplankton Monitoring Network

## Key for Results

| Description            | <i>Karenia brevis</i> abundance | Possible effects ( <i>Karenia brevis</i> only)                                                                                                               |
|------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NOT PRESENT-BACKGROUND | 0 - 1,000 cells/L               | no effects anticipated                                                                                                                                       |
| VERY LOW               | > 1,000 - 10,000 cells/L        | possible respiratory irritation; shellfish harvesting closures when cell abundance equals or exceeds 5,000 cells/L                                           |
| LOW                    | > 10,000 - 100,000 cells/L      | respiratory irritation; shellfish harvesting closures; possible fish kills; probable detection of chlorophyll by satellites at upper range of cell abundance |
| MEDIUM                 | > 100,000 - 1,000,000 cells/L   | respiratory irritation; shellfish harvesting closures; probable fish kills; detection of surface chlorophyll by satellites                                   |
| HIGH                   | > 1,000,000 cells/L             | as above, plus water discoloration                                                                                                                           |

## Red Tide-Related Hotlines and Information Sources

### Latest Red Tide Status Report by Phone

Call (866) 300-9399 at anytime from anywhere to hear a recording about red tide conditions throughout the state. FWRI updates the recording each Friday by 5 p.m. Standard calling charges apply.

## Fish and Wildlife Hotlines and Reporting Contacts

### [FWRI Fish Kill Hotline](#)

The FWC's Fish and Wildlife Research Institute (FWRI) maintains this hotline through a federally funded project to survey fish-related diseases and mortalities.

Call (800) 636-0511 (toll-free) to report fish kills, diseased fish, or fish with other abnormalities. Leave a detailed report and contact information on the recorded message. A biologist will contact the caller, usually the following workday, if more information is needed. Please do not call the FWRI Fish Kill Hotline to request dead fish cleanup; local municipalities are responsible for dead fish cleanup, usually only on public beaches.

### [FWC Wildlife Alert Hotline:](#) (888) 404-3922 (toll-free)

If you find a dead, sick, or injured manatee or sea turtle, or you would like to report a wildlife law violation, please call FWC's 24-hour Wildlife Alert Number.

## Hotlines and Reporting Sites for Effects on Humans

**Florida Poison Information Center:** (800) 222-1222 (toll-free)

If you would like to report health issues related to exposure to red tide, please call the Florida Poison Information Center at 800-222-1222. Additional information on the health effects of Florida red tide can be found on the [Florida Department of Health](#) website.

## Shellfish Harvesting Closures

To protect public health, the Fish and Wildlife Research Institute's Harmful Algal Bloom (HAB) group closely monitors the status of *K. brevis* on Florida's coasts, providing technical support to the Florida Department of Agriculture and Consumer Services (FDACS), the agency that regulates approved shellfish harvesting areas. Before harvesting in Florida waters, determine open or closed status by visiting the Department's [Division of Aquaculture](#) website or calling a field office.

## Information Sources

**Mote Marine Laboratory's** [Beach Conditions Reporting System](#) provides up-to-date information about the effects of red tide on Florida Gulf coast beaches, including reports of dead fish, respiratory irritation among beachgoers, water color, and wind direction. The site also provides information on red drift algae and rip currents.

At the **University of South Florida (USF) College Of Marine Science**, the [Collaboration for the Prediction of Red Tides](#) uses [forecast models](#) to track and predict harmful algal blooms (HABs) in the southeastern United States and reports current conditions. Experimental products include *Karenia* flag maps of bloom locations and 4.5-day HAB trajectory forecasts. The center is a cooperative venture with the FWC.

**The National Oceanic and Atmospheric Administration (NOAA)** uses satellite imagery, field observations, and buoy data to assess harmful algal blooms. A report of regional conditions and additional information appears on the [Gulf Coast Harmful Algal Bloom Forecast](#) website.

[Outreach and social media products](#) about red tide in Florida are available for viewing and download.

Report prepared by Mary Harper, FWC/FWRI, St. Petersburg, (727) 896-8626.