



## August 22, 2018 Red Tide Status Update

**Monday 8/20/2018**, sampling and analysis performed by FWC.

- Ft. De Soto Gulf Pier - Medium (lower end of the range)
- Bayboro Harbor in St. Petersburg- Not Present
- Pass-A-Grille at 37<sup>th</sup> Ave - Low
- Redington Beach (La Contessa Pier) - Low
- Clearwater Pass – Not Present
- Honeymoon Island – Not Present
- St. Joseph Sound (Howard Park) – Background

**Tuesday 8/21/2018**, sampling and analysis performed by Pinellas County.

- Ft. De Soto Gulf Pier – Low
- Ft. De Soto Ferry Pier on the Tampa Bay side – Medium (lower end of the range)
- John’s Pass – Not Present
- Gulfport – Background
- Redington Beach (La Contessa Pier) – Very Low
- Indian Shores – Very Low

**Tuesday 8/21/2018**, sampling and analysis performed by FWC

- Ft. De Soto Boat Ramp – Low
- Bunces Pass (mouth) - Low
- Lower Tampa Bay (Conception Key) – Background
- North Skyway Rest Area – Very Low

### Wednesday 8/22/2018

- Ft. De Soto Gulf Pier – Low
- Ft. De Soto Ferry Pier on the Tampa Bay side – Medium (middle of the range)
- Pass-A-Grille Beach – Low
- Pass-A-Grille Channel – Very Low
- John’s Pass – Low
- Gulfport – Very Low
- Redington Beach (La Contessa Pier) – Very Low
- Redington Shores – Not Present
- Indian Shores – Very Low
- Indian Rocks Beach - Low

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 ≥ 5,000 cells/L
LOW	> 10,000 - 100,000 cells/L	respiratory irritation; possible fish kills; probable detection of surface chlorophyll by satellites at upper range of cell abundance
MEDIUM	> 100,000 - 1,000,000 cells/L	respiratory irritation; probable fish kills; detection of surface chlorophyll by satellites
HIGH	> 1,000,000 cells/L	as above, plus water discoloration

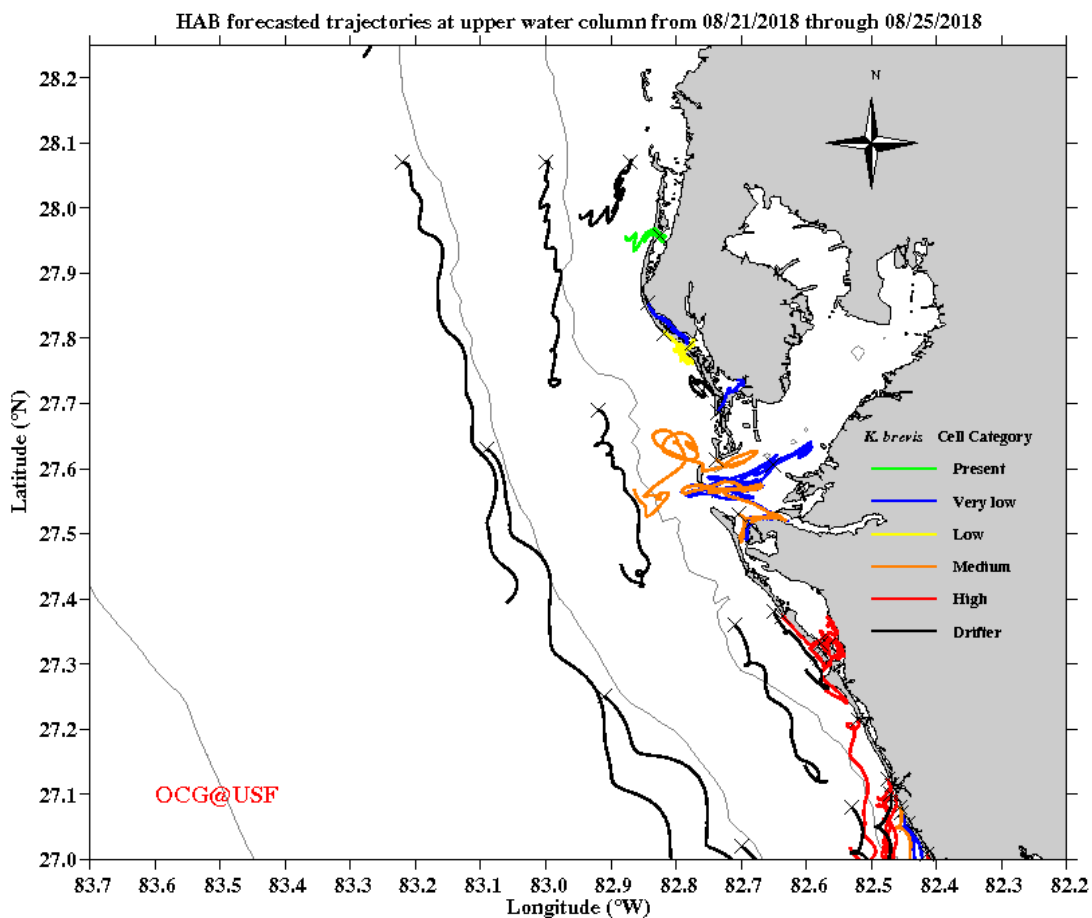
Pinellas County Environmental Management will be conducting additional monitoring to supplement FWC's current efforts. Reports will be updated daily or as soon as possible when monitoring results are available and will also be published to the [Pinellas County Environmental News Facebook Page](#).

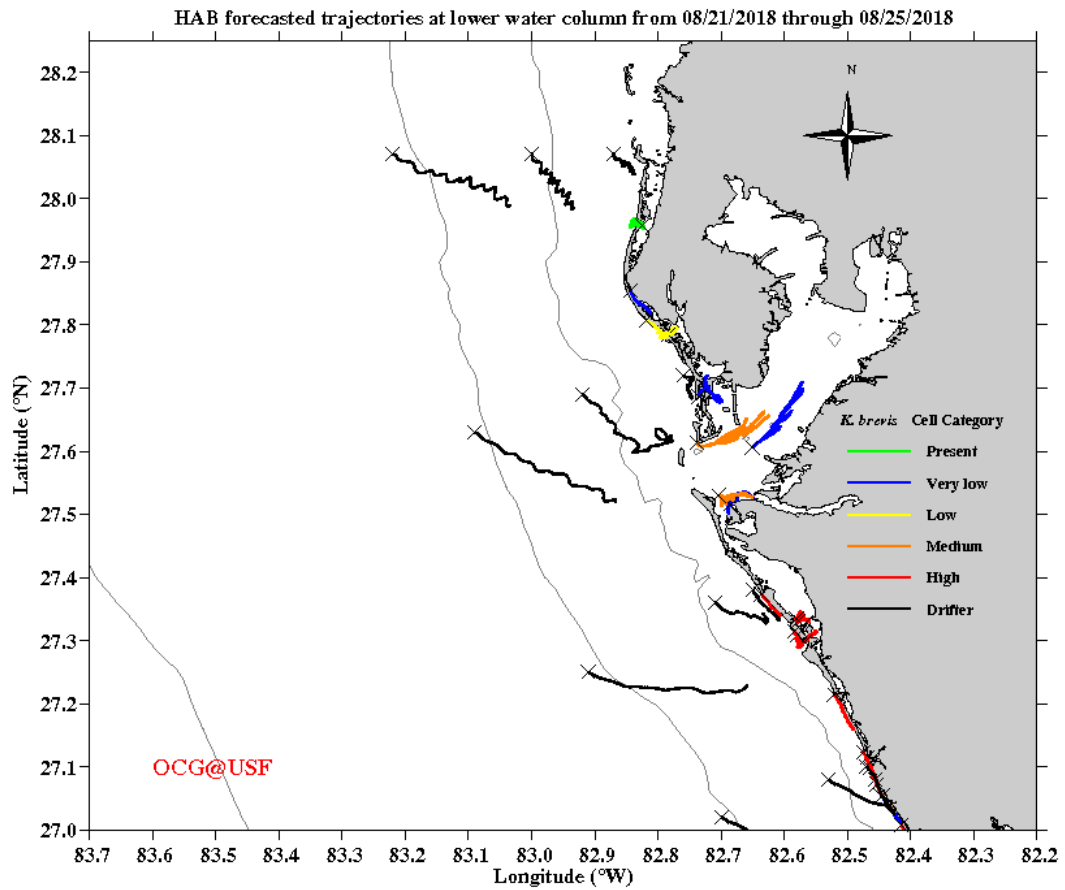
Parks and Conservation Resources staff are monitoring conditions at County Parks along the Gulf and in Tampa Bay.

- Fred Howard Park – No red tide conditions observed
- Sand Key Park – No red tide conditions observed
- Ft. De Soto Gulf beaches - A few dead fish have been seen floating under and past the Gulf Pier. On the north tip eels, pinfish and other small fish are washing up in relatively small numbers this morning and afternoon. All of the fish were severely decayed.

USF's current 5 day trajectory predicts net southern movement of surface waters and net southeastern transport of subsurface waters over the next three days.

Current images are shown below and can be observed at [http://ocgweb.marine.usf.edu/hab\\_tracking/HAB\\_trajectories.html](http://ocgweb.marine.usf.edu/hab_tracking/HAB_trajectories.html)





There are several links on our [website](#) to other agencies monitoring the red tide situation including:

FWC: <http://myfwc.com/REDTIDESTATUS>

Mote Marine: <http://coolgate.mote.org/beachconditions/>