

Detailed information on following pages

**Tuesday 9/04/2018**, collected and analyzed by Pinellas County.

Fort De Soto Gulf Pier – Medium (low end of range)  
Fort De Soto Ferry Pier – Medium (low end of range)  
Pass-A-Grill Beach – Medium (low end of range)  
Gulfport Pier – Not Present  
Redington Beach at La Contessa Pier – Not Present  
Sunset Beach Treasure Island – Low (*updated 9/5/2018*)  
Sunshine Beach south of John's Pass – Medium (low end of range)  
Madeira Beach – Very Low  
Redington Shores - Background  
Indian Rocks Beach – Not Present

**Wednesday 9/05/2018**, collected and analyzed by Pinellas County.

Fort De Soto Gulf Pier – Medium (low end of range)  
Fort De Soto Ferry Pier – Medium  
Pass-A-Grill Beach – Very Low  
Gulfport Pier – Very Low  
Redington Beach at La Contessa Pier – Low  
Sunset Beach Treasure Island – Medium  
Sunshine Beach south of John's Pass – Medium  
Madeira Beach – Medium (low end of range)  
Redington Shores – Very Low  
Indian Rocks Beach – Low

**Thursday 9/06/2018**, collected and analyzed by Pinellas County.

Fort De Soto Gulf Pier – Not Present (very strong incoming tide)  
Fort De Soto Ferry Pier – Medium  
Pass-A-Grill Beach – Low  
Gulfport Pier – Low  
Redington Beach at La Contessa Pier – Very Low  
Sunset Beach Treasure Island – Low  
Sunshine Beach south of John's Pass – Medium  
Madeira Beach – Low  
Redington Shores – Not Present  
Indian Rocks Beach – Low

**Friday 9/07/2018**, collected and analyzed by Pinellas County.

Fort De Soto Gulf Pier – Low  
Fort De Soto Ferry Pier – Low  
Pass-A-Grill Beach – Not Present  
Gulfport Pier – Very Low  
Redington Beach at La Contessa Pier – Medium  
Sunset Beach Treasure Island – Low  
Sunshine Beach south of John's Pass – Medium  
Madeira Beach – Low

Redington Shores – Not Present

Indian Rocks Beach – Low

\*Clearwater Pass (new location added 9/7/2018) - High

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 $\geq$ 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

### Monitoring Updates:

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](#).

### Park Updates:

Parks and Conservation Resources staff are monitoring conditions at County Parks along the Gulf and in Tampa Bay. For information on other beaches visit <https://visitbeaches.org/>

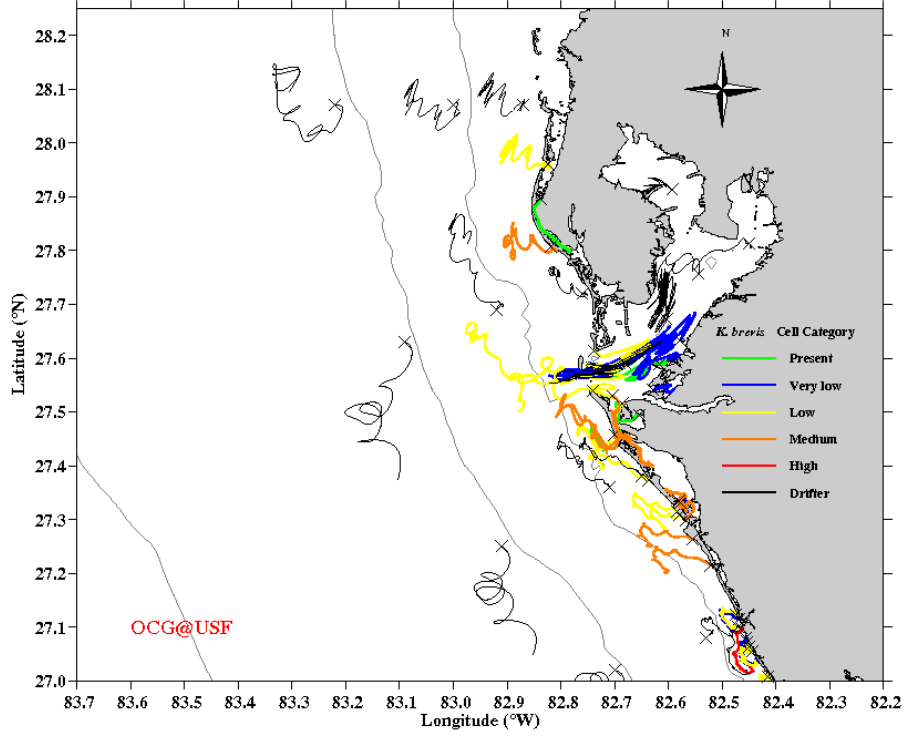
- Fred Howard Park – No red tide conditions observed.
- Sand Key Park – Small number of dead bait fish observed in Clearwater Pass along the north end of the park otherwise no red tide conditions observed at the beach area.
- Ft. De Soto – No red tide conditions observed.

### Currents:

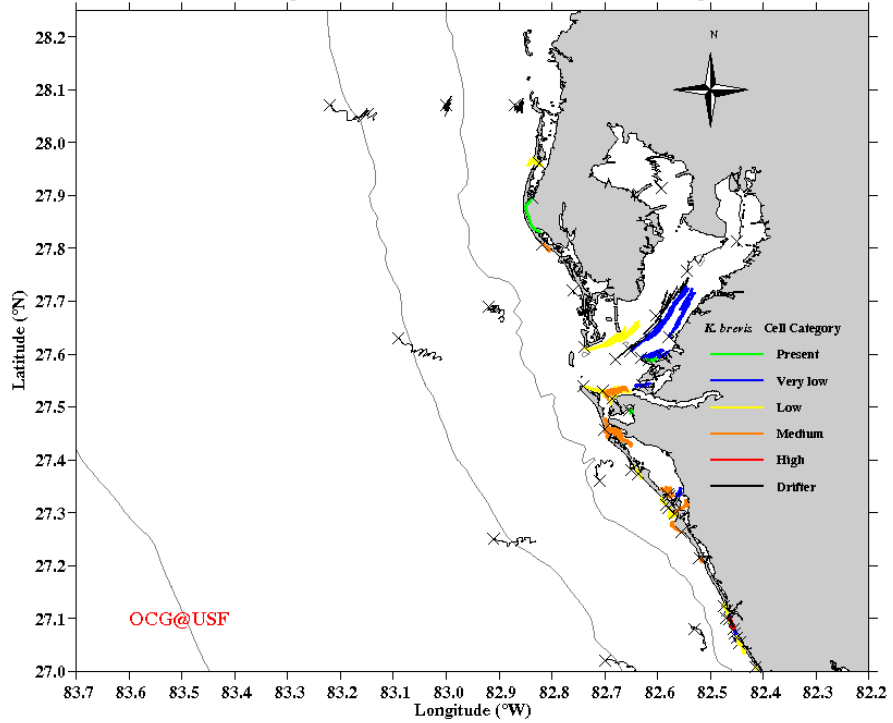
USF's current 5 day trajectory predicts net northwestern movement of surface waters and net southeastern transport of subsurface waters in most areas over the next three days.

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)

HAB forecasted trajectories at upper water column from 09/06/2018 through 09/10/2018



HAB forecasted trajectories at lower water column from 09/06/2018 through 09/10/2018



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/>