



August 21, 2018 Red Tide Status Update

Monday 8/20/2018, FWC collected samples in St. Petersburg at Bayboro Harbor and reported that no *K. brevis* was observed.

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

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](#).

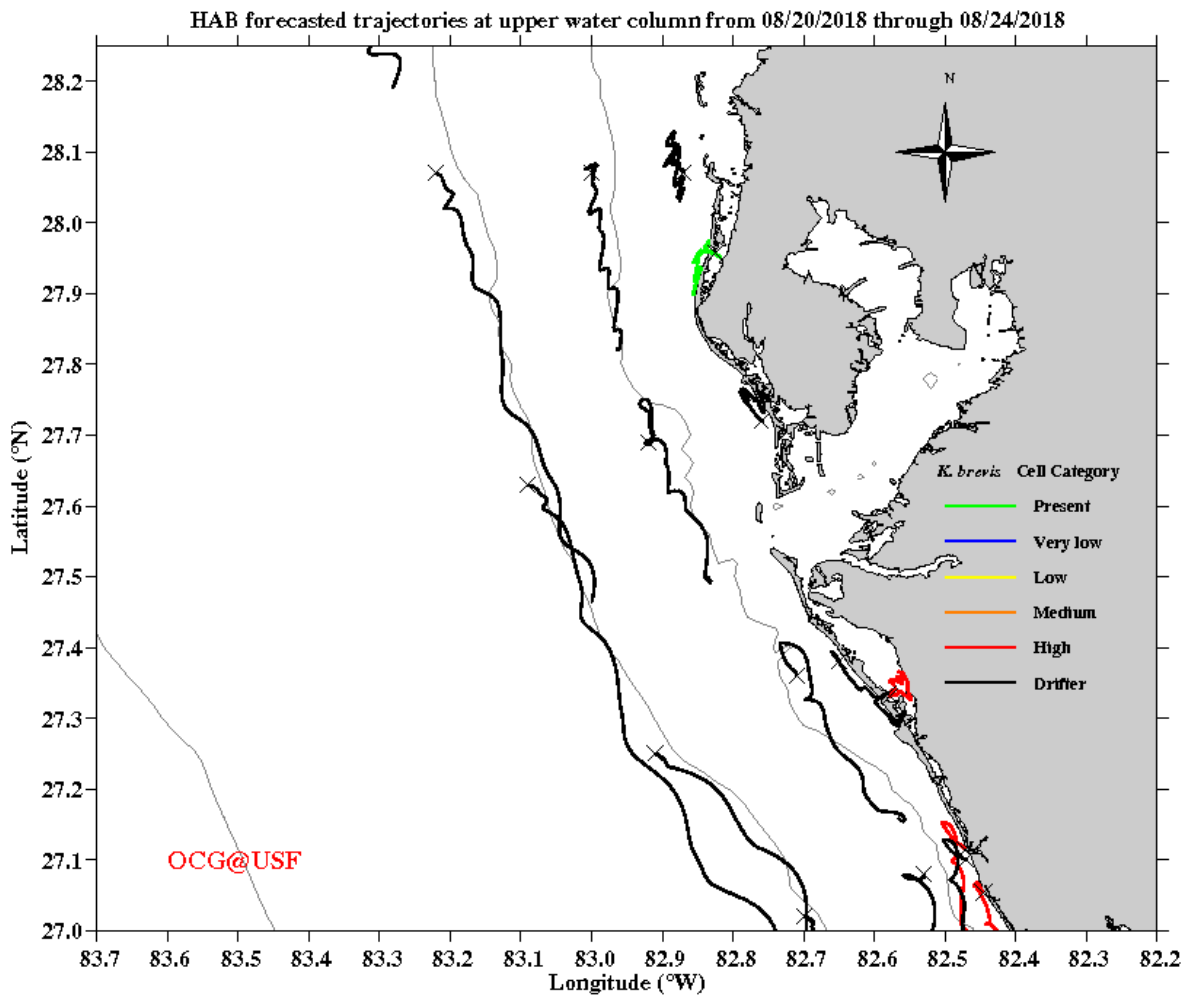
Key for Results (Source FWC Website)

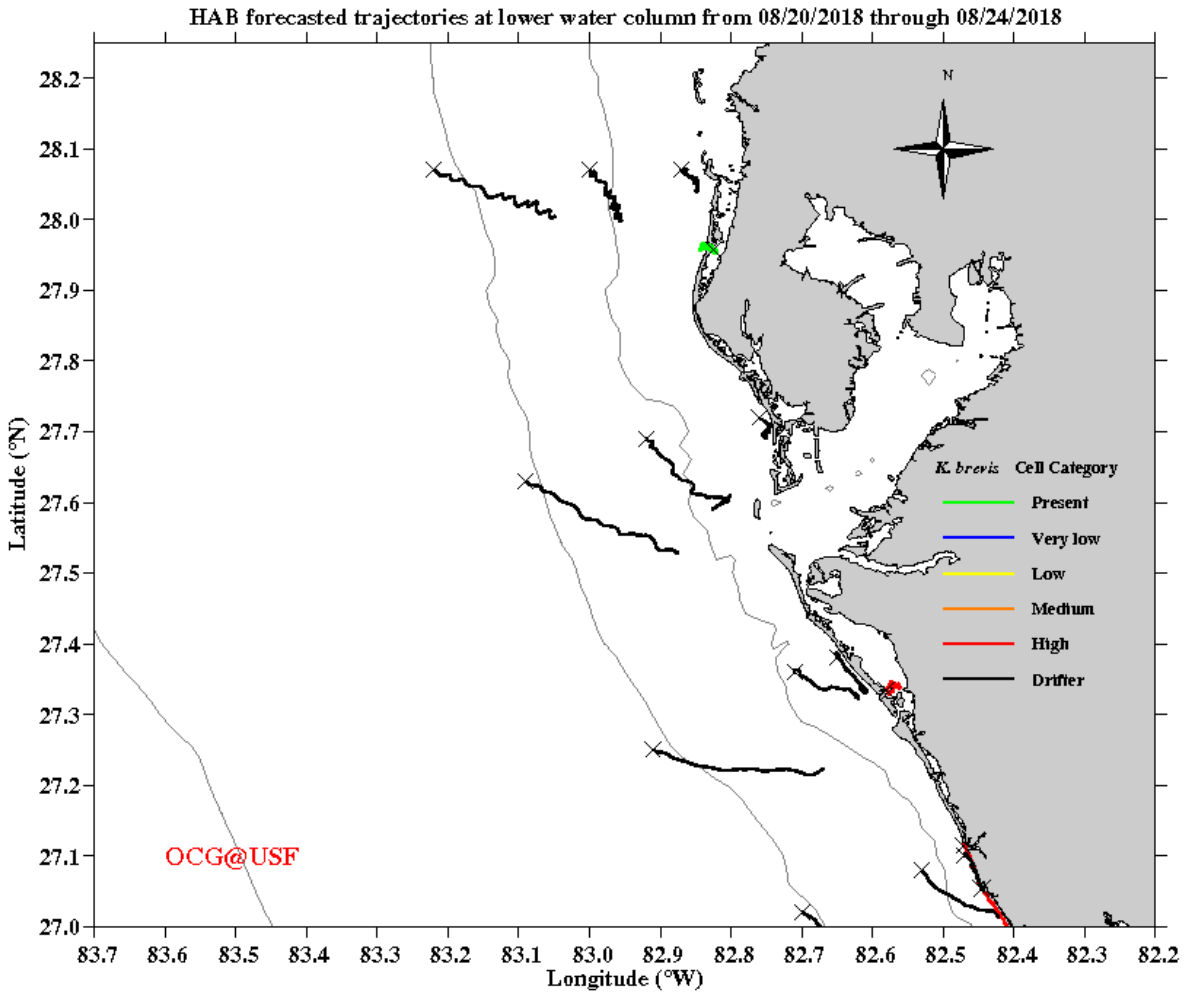
Description	<i>Karenia brevis</i> cells/liter	Possible Effects (<i>K. brevis</i> only)
NOT PRESENT - BACKGROUND	background levels of 1,000 cells or less	None anticipated
VERY LOW	>1,000 to 10,000	Possible respiratory irritation; shellfish harvesting closures > 5,000 cells/L
LOW	>10,000 to 100,000	Respiratory irritation, possible fish kills and bloom chlorophyll probably detected by satellites at upper limits
MEDIUM	>100,000 to 1,000,000	Respiratory irritation and probable fish kills
HIGH	>1,000,000	As above plus discoloration

Parks and Conservation Resources staff are monitoring conditions at County Parks along the Gulf and in Tampa Bay. No red tide bloom conditions were observed today.

USF's current 5 day trajectory: Upper water column; southerly movement of inshore currents. Lower water column; southeast-onshore movement.

Current images are shown below and can be observed at 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/>