

Martin County Projects Update

May 29, 2019

(Update provided by Dianne Hughes, Senior Ecosystem Specialist)

Lake Okeechobee stage: 10.95 ft

Previous day: 10.99 ft

One week ago: 11.20 ft

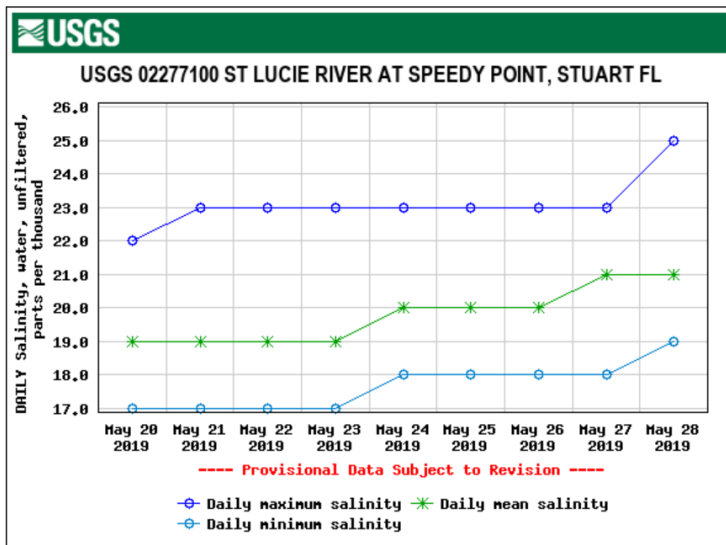
(1965-2007 avg for today): 13.14 ft

Total Structure/Creek Inflows: 357 cfs

Total Structure Outflow: 2383 cfs

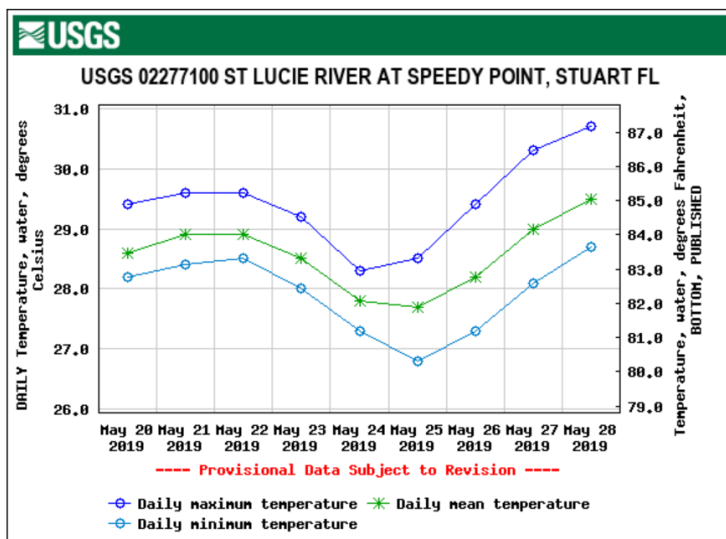
There are currently no flows coming from the Lake to the estuary. Blue green algae have been reported in the Lake near Pahokee. No blue green algae have been observed or reported in the St. Lucie River or Estuary for the past week.

Current Salinities:



Surface salinities averages are currently in the preferred salinity range.

Current Temperatures:



Temperatures have increased in the estuary and the mean temperatures 85° F or 29.5° C.

Martin County Projects Update

May 29, 2019

(Update provided by Dianne Hughes, Senior Ecosystem Specialist)

Enterococcus:

GOOD =	0 to 35 cfu Enterococcus / 100 ml river water
MODERATE =	36 to 70 cfu Enterococcus/100ml river water
POOR =	71 or more cfu Enterococcus / 100 ml river water
Note: Prior to 1/1/2016, Poor = 104 or more cfu Enterococcus / 100 ml river water On 10/17/16 lab analysis method changed to EnteroAlert 9210	

Enterococcus levels are in the good range at all 4 sites.

Sample Date	Roosevelt Bridge (1)	Sandsprit Park (2)	Leighton Park (3)	Stuart Sandbar (5)
5/20/2019	10	10	20	10
5/15/2019	53	Not sampled	10	Not sampled
5/13/2019	111	20	406	10
5/8/2019	Not sampled	Not sampled	10	Not sampled
5/6/2019	10	20	560	10