

Martin County Projects Update

July 2, 2019

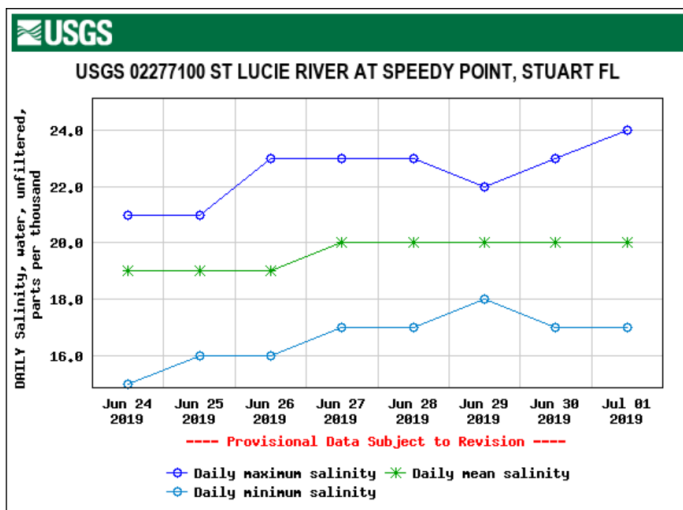
(Update provided by Dianne Hughes, Senior Ecosystem Specialist)

Lake Okeechobee stage: 11.32 ft
Previous day: 11.33 ft
One week ago: 11.28 ft
(1965-2007 avg for today): 13.41 ft

Total Structure/Creek Inflows: 2184 cfs
Total Structure Outflow: 93 cfs

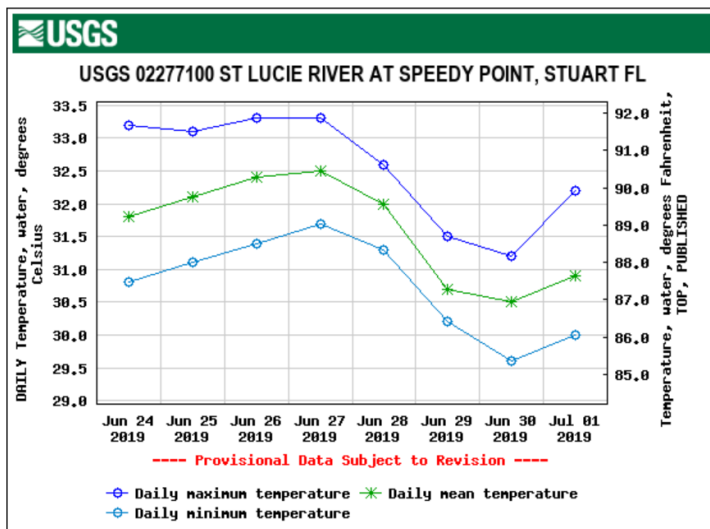
There are currently no flows coming from Lake Okeechobee to the estuary. Blue green algae have been reported in the lake on the upstream side of the S-308 structure. Martin County has received an average of 1 inch of rainfall with a maximum of ~3 inches over the past 7 days. No blue green algae have 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 decreased with the rains over the weekend and the mean temperature for the middle estuary is ~88°

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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 river sites. DOH tests on Mondays and results are generally available by Thursday.

Sample Date	Roosevelt Bridge (1)	Sandsprit Park (2)	Leighton Park (3)	Stuart Sandbar (5)
6/24/2019	10	10	10	10
6/19/2019	Not sampled	Not sampled	31	Not sampled
6/17/2019	10	10	111	20
6/10/2019	42	20	20	10
6/3/2019	10	10	53	10