

Weekly Water Quality Report

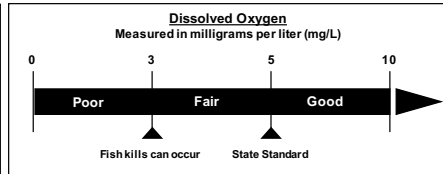
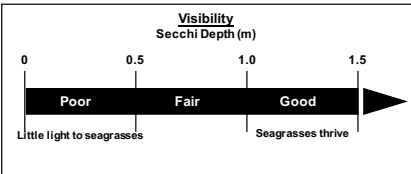
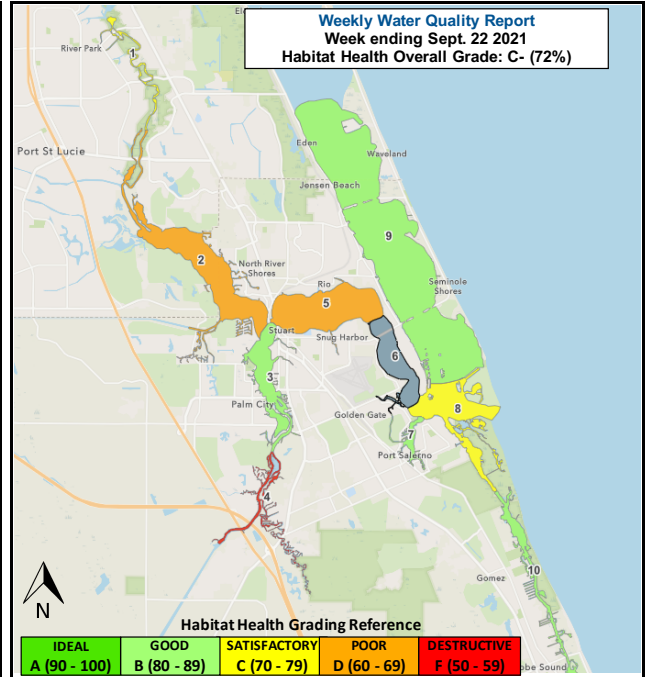
Data on water quality to assess habitat health in the St. Lucie Estuary and southern Indian River Lagoon is collected and provided by the Florida Oceanographic Society's Water Quality Understanding Estuary System Trends (WaterQUEST) program. For more information, past reports, or to support our water quality monitoring, visit www.floridaocean.org/water-quality.



WATERQUEST
WATER QUALITY UNDERSTANDING ESTUARY SYSTEM TRENDS
FLORIDA OCEANOGRAPHIC SOCIETY

Reporting Week: Sept. 16 2021 to Sept. 22 2021

HABITAT HEALTH OVERALL GRADE		SCORE		GRADE		STATUS		
		72%		C-		SATISFACTORY		
Zone	Location	# of Reports	Water Temp. (°C)	pH	Secchi Visibility (m)	Salinity (ppt)	Dissolved Oxygen (mg/L)	Score Grade Status
1	Winding North Fork	3	24	7.5	0.7 Fair	2 Fair	3.9 Fair	71% Satisfactory C
2	North Fork	3	30	7.8	0.9 Fair	1 Poor	4.4 Fair	61% Poor D
3	South Fork	5	29	7.7	0.5 Fair	2 Good	4.1 Fair	81% Good B
4	Winding South Fork	4	29	7.5	0.7 Fair	1 Poor	2.5 Poor	56% Destructive F
5	Wide Middle River	4	32	7.7	0.6 Fair	6 Poor	4.3 Fair	61% Poor D
6	Narrow Middle River	0			Data	Not	Available	
7	Manatee Pocket	2	28	7.9	1.4 Good	21 Fair	4.6 Fair	81% Good B
8	Inlet Area	4	28	8.1	1.1 Good	22 Poor	4.4 Fair	71% Satisfactory C
9	Indian River Lagoon	5	29	8.1	1.1 Good	29 Fair	4.4 Fair	81% Good B
10	Intracoastal Waterway South	1	29	7.6	1.0 Fair	30 Good	3.2 Fair	81% Good B



Zone	Salinity Measured in parts per thousand (ppt)		
	Poor	Fair	Good
1 & 4	< 1 or > 15	1 - 2 or 8 - 15	2 - 8
2 & 3	< 10	10 - 15 or > 25	15 - 25
5	< 15	15 - 20	> 20
6	< 20	20 - 25	> 25
7	< 20	20 - 27.5	> 27.5
8, 9, & 10	< 25	25 - 30	> 30

Disclaimer: The data above indicates changes in water quality parameters to evaluate habitat health. This map is not to be used to indicate current bacteria levels, nutrient levels, or the presence of harmful algae blooms. For up to date information on bacteria levels, visit the Florida Health Beaches Program (<http://www.floridahealth.gov/environmental-health/beach-water-quality/>). For up to date information on nutrients levels, visit ORCA Killroy (<http://api.killroydata.org/public/>) or HBOI LOBO (<http://fau.loboviz.com/>). For up to date information about algae blooms, visit the Florida DEP's algae bloom dashboard (<https://floridadep.gov/algabloom/>).