

Weekly Water Quality Report

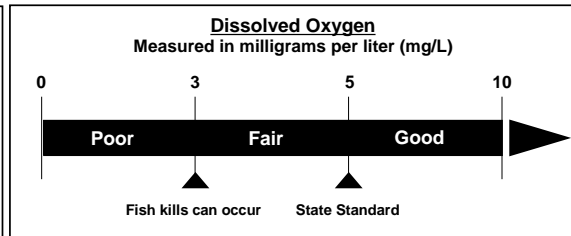
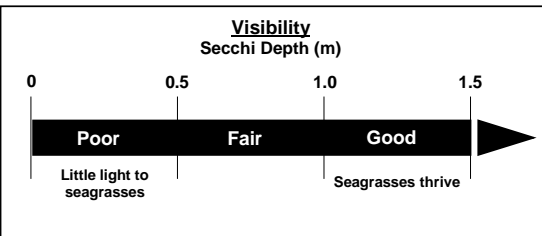
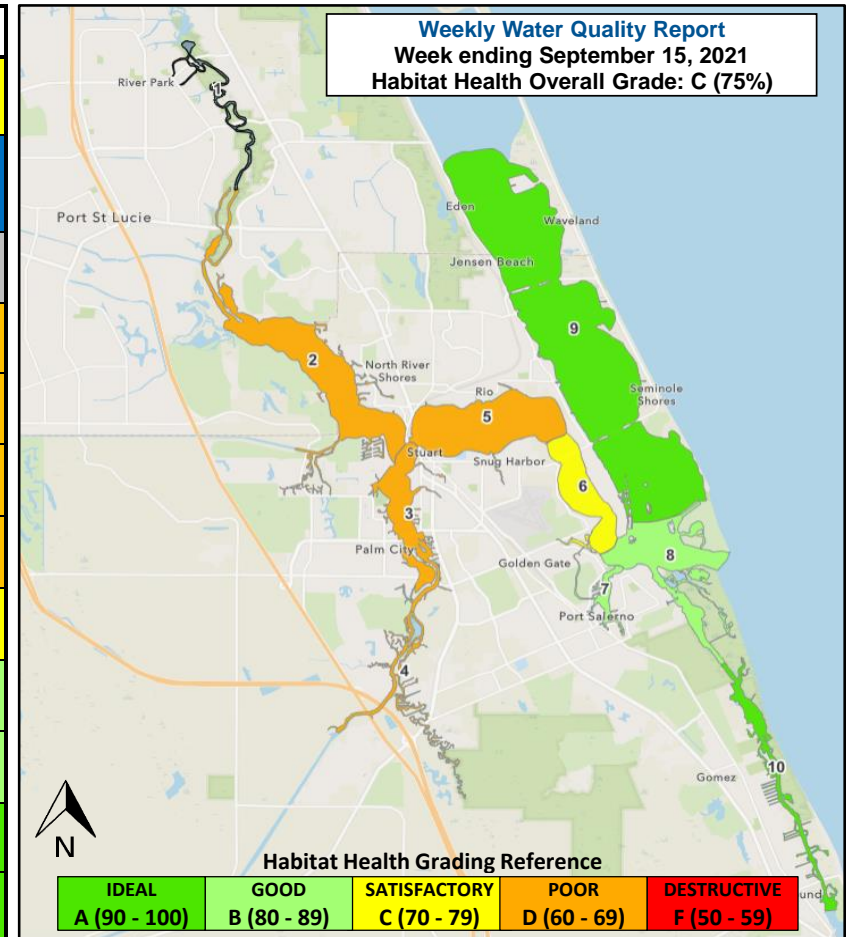
Data on water quality to assess habitat health in the St. Lucie Estuary and southern Indian River Lagoon is collected and provided by the Florida Oceanographic Society's Water Quality Understanding Estuary System Trends (WaterQUEST) program. For more information, past reports, or to support our water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



WATERQUEST
 WATER QUALITY UNDERSTANDING ESTUARY SYSTEM TRENDS
 FLORIDA OCEANOGRAPHIC SOCIETY

Reporting Week: September 9 2021 to September 15 2021

HABITAT HEALTH OVERALL GRADE		SCORE 75%		GRADE C		STATUS 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	0			Data	Not	Available		
2	North Fork	2	31	7.9	0.8 Fair	1 Poor	5.3 Good	66% Poor	D
3	South Fork	5	29	7.7	0.4 Poor	1 Fair	4.0 Fair	61% Poor	D
4	Winding South Fork	4	30	7.7	0.7 Fair	0 Poor	3.5 Fair	61% Poor	D
5	Wide Middle River	3	30	7.6	0.6 Fair	4 Poor	4.0 Fair	61% Poor	D
6	Narrow Middle River	1	30	8.3	0.7 Fair	24 Fair	4.7 Fair	71% Satisfactory	C
7	Manatee Pocket	3	29	7.9	1.1 Good	21 Fair	5.3 Good	87% Good	B
8	Inlet Area	4	30	8.2	1.1 Good	26 Fair	4.0 Fair	81% Good	B
9	Indian River Lagoon	5	29	8.2	1.1 Good	31 Good	4.2 Fair	92% Ideal	A
10	Intracoastal Waterway South	3	30	7.8	1.2 Good	33 Good	4.2 Fair	92% Ideal	A



Salinity
 Measured in parts per thousand (ppt)

Zone	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 Kilroy (<http://api.kilroydata.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/>).