

Weekly Water Quality Report

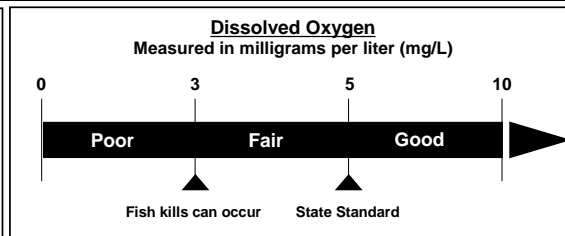
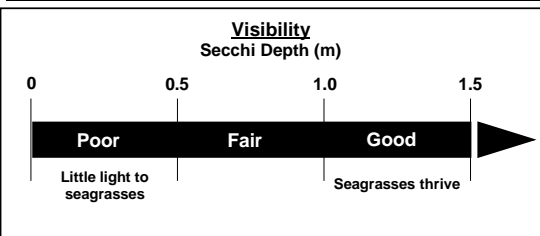
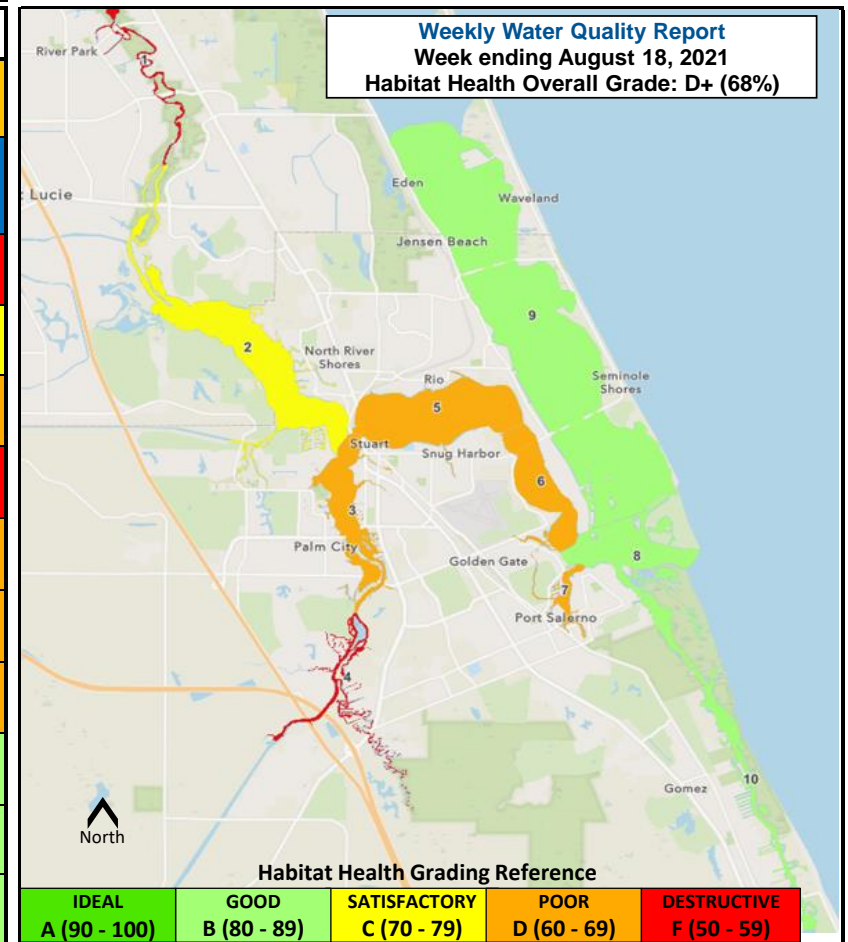
Data on water quality to assess habitat health in the St. Lucie Estuary and southern Indian River Lagoon is collected and provided by the Florida Oceanographic Society's Water Quality Understanding Estuary System Trends (WaterQUEST) program. For more information, past reports, or to support our water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



WATERQUEST
WATER QUALITY UNDERSTANDING ESTUARY SYSTEM TRENDS
FLORIDA OCEANOGRAPHIC SOCIETY

Reporting Week: August 12 2021 to August 18 2021

HABITAT HEALTH OVERALL GRADE		SCORE 68%		GRADE D+		STATUS POOR		
Zone	Location	# of Reports	Water Temp. (°C)	pH	Secchi Visibility (m)	Salinity (ppt)	Dissolved Oxygen (mg/L)	Score Grade Status
1	Winding North Fork	1	30	7.5	0.2 Poor	0 Poor	3.2 Fair	51% Destructive F
2	North Fork	3	31	7.7	1.2 Good	0 Poor	4.7 Fair	71% Satisfactory C
3	South Fork	5	29	7.5	0.4 Poor	1 Fair	4.3 Fair	61% Poor D
4	Winding South Fork	3	31	7.8	0.7 Fair	1 Poor	2.9 Poor	56% Destructive F
5	Wide Middle River	3	29	7.6	0.6 Fair	3 Poor	3.7 Fair	61% Poor D
6	Narrow Middle River	3	28	7.7	0.7 Fair	10 Poor	5.6 Good	66% Poor D
7	Manatee Pocket	3	30	7.9	0.8 Fair	11 Poor	4.1 Fair	61% Poor D
8	Inlet Area	3	30	8.3	1.1 Good	27 Fair	5.6 Good	87% Good B
9	Indian River Lagoon	6	30	8.1	1.2 Good	27 Fair	5.5 Good	87% Good B
10	Intracoastal Waterway South	2	31	7.9	0.9 Fair	35 Good	4.1 Fair	81% Good B



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/>).