

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

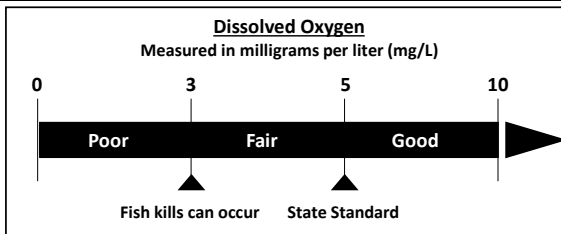
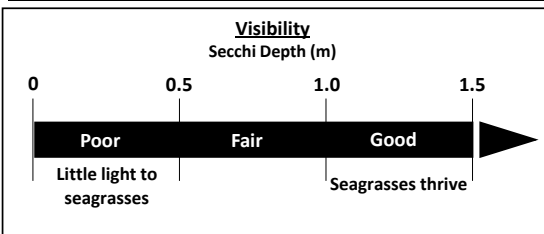
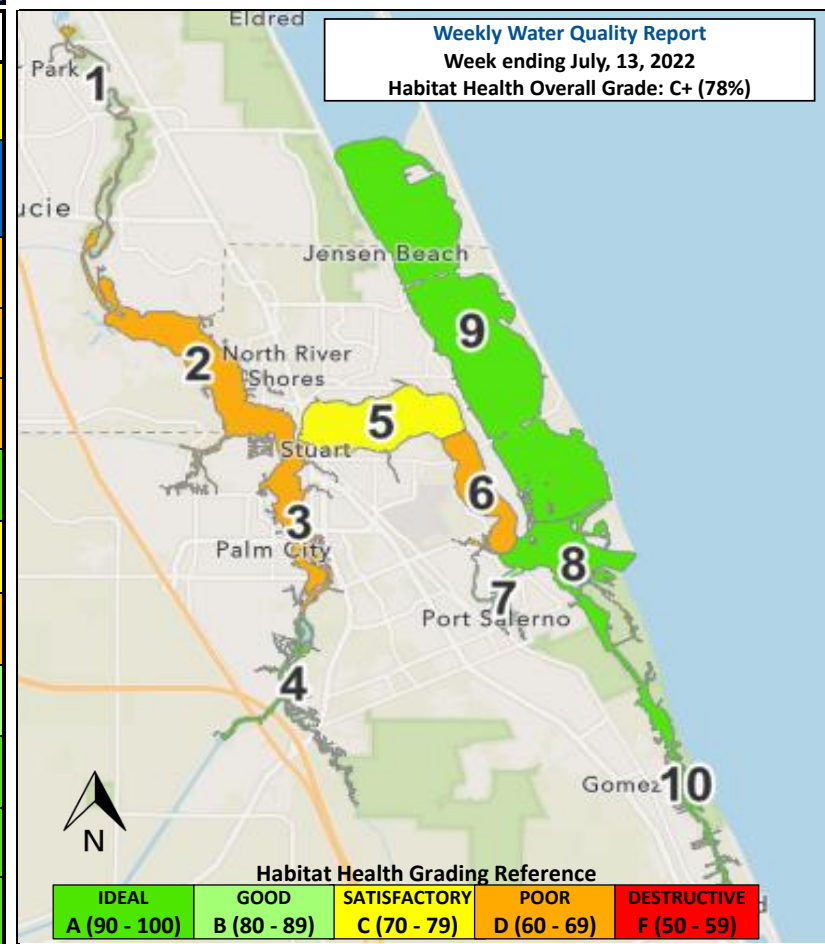


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Reporting Week: July 07 2022 to July 13 2022

HABITAT HEALTH OVERALL GRADE		SCORE 78%		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	3	26	7.4	0.8 Fair	0 Poor	5.2166667 Fair	66% D Poor
2	North Fork	6	31	7.9	0.6 Fair	5 Poor	4.9 Fair	61% D Poor
3	South Fork	5	30	7.7	0.6 Fair	8 Good	4.3 Fair	61% D Poor
4	Winding South Fork	2	31	7.8	1.1 Good	5 Good	4.4 Fair	92% A Ideal
5	Wide Middle River	3	30	7.7	0.9 Fair	18 Fair	3.5 Fair	71% C Satisfactory
6	Narrow Middle River	2	31	7.8	0.9 Fair	16 Poor	4.9 Fair	61% D Poor
7	Manatee Pocket	3	32	8.1	0.5 Fair	28 Good	5.6 Good	87% B Good
8	Inlet Area	3	27	8.3	1.5 Good	31 Good	5.1 Good	97% A Ideal
9	Indian River Lagoon	5	29	8.0	2.0 Good	33 Good	4.3 Fair	92% A Ideal
10	Intracoastal Waterway South	3	32	8.0	1.5 Good	35 Good	4.3 Fair	92% A Ideal



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 (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 (www.irlon.org/?health). For up to date information about algae blooms, visit the Florida DEP's algae bloom dashboard (www.floridadep.gov/algalbloom).