

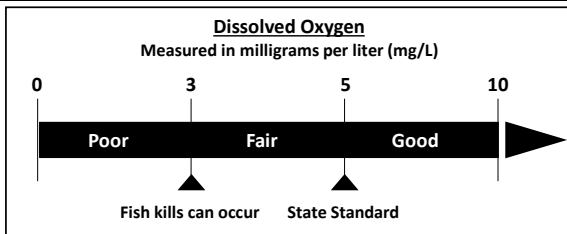
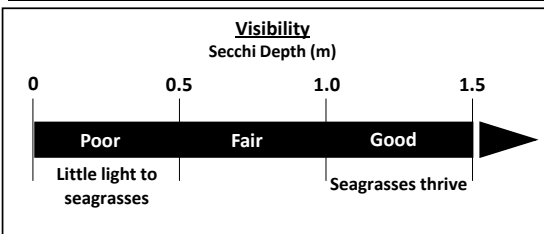
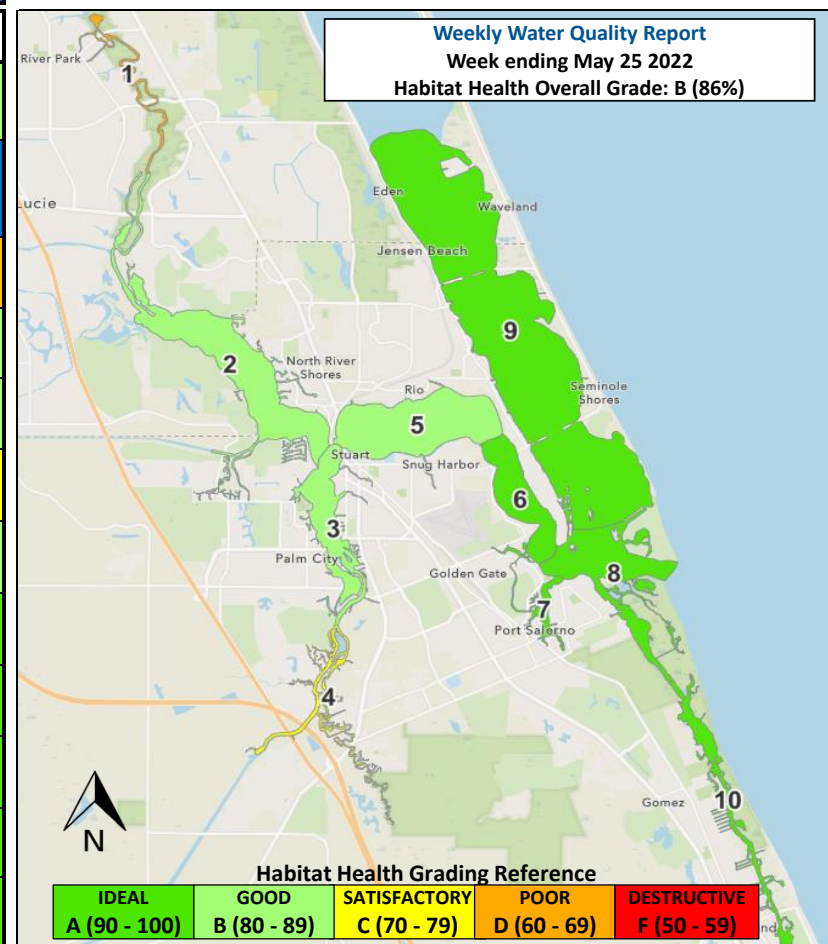
Weekly Water Quality Report

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



Reporting Week: May 19 2022 to May 25 2022

HABITAT HEALTH OVERALL GRADE		SCORE 86%		GRADE B		STATUS GOOD		
Zone	Location	# of Reports	Water Temp. (°C)	pH	Secchi Visibility (m)	Salinity (ppt)	Dissolved Oxygen (mg/L)	Score Grade Status
1	Winding North Fork	2	24	7.5	1.0 Fair	0 Poor	6.1 Fair	66% D Poor
2	North Fork	3	29	8.0	0.9 Fair	20 Good	5.0 Fair	81% B Good
3	South Fork	5	28	7.9	0.5 Fair	17 Fair	4.5 Fair	81% B Good
4	Winding South Fork	5	29	7.7	0.8 Fair	10 Fair	4.2 Fair	71% C Satisfactory
5	Wide Middle River	5	28	7.9	0.7 Fair	27 Good	5.3 Good	87% B Good
6	Narrow Middle River	4	29	8.1	1.2 Good	32 Good	5.1 Good	97% A Ideal
7	Manatee Pocket	3	30	8.1	1.1 Good	30 Good	4.4 Fair	92% A Ideal
8	Inlet Area	4	28	8.3	1.2 Good	35 Good	5.0 Fair	92% A Ideal
9	Indian River Lagoon	5	28	8.0	1.2 Good	34 Good	5.6 Good	97% A Ideal
10	Intracoastal Waterway South	2	31	7.9	1.1 Good	37 Good	5.7 Good	97% 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/algabloom).