

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

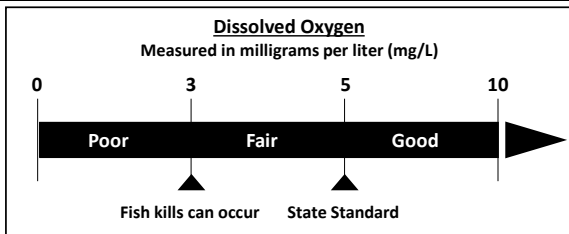
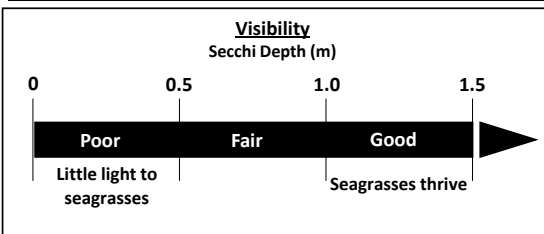
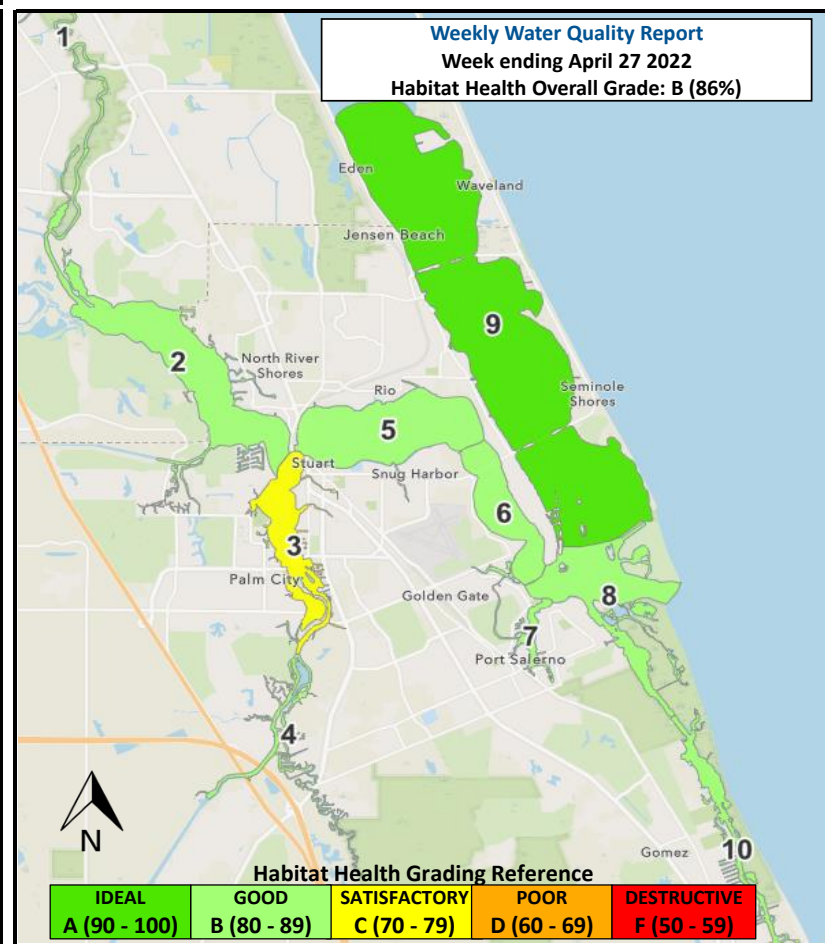


WATERQUEST

WATER QUALITY UNDERSTANDING ESTUARY SYSTEM TRENDS
FLORIDA OCEANOGRAPHIC SOCIETY

Reporting Week: April 21 2022 to April 27 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	22	8.1	0.9 Fair	4 Good	4.6 Fair	81% Good B
2	North Fork	4	28	8.0	0.7 Fair	18 Good	6.1 Good	87% Good B
3	South Fork	6	25	7.9	0.6 Fair	20 Fair	6.0 Good	76% Satisfactory C
4	Winding South Fork	5	25	7.9	0.9 Fair	6 Good	5.4 Good	87% Good B
5	Wide Middle River	5	26	7.9	0.8 Fair	26 Good	5.2 Good	87% Good B
6	Narrow Middle River	3	26	8.1	0.9 Fair	33 Good	5.9 Good	87% Good B
7	Manatee Pocket	3	27	7.9	0.9 Fair	31 Good	5.2 Good	87% Good B
8	Inlet Area	4	27	8.3	1.0 Fair	35 Good	5.3 Good	87% Good B
9	Indian River Lagoon	6	24	8.0	1.5 Good	36 Good	5.9 Good	97% Ideal A
10	Intracoastal Waterway South	2	27	8.0	1.0 Fair	38 Good	5.5 Good	87% 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 (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).