

Weekly Water Quality Report

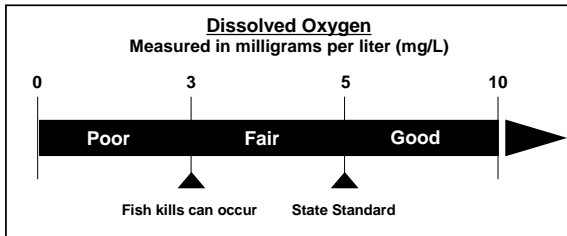
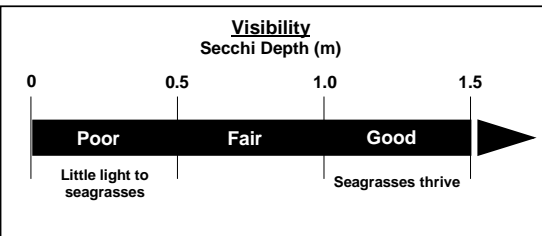
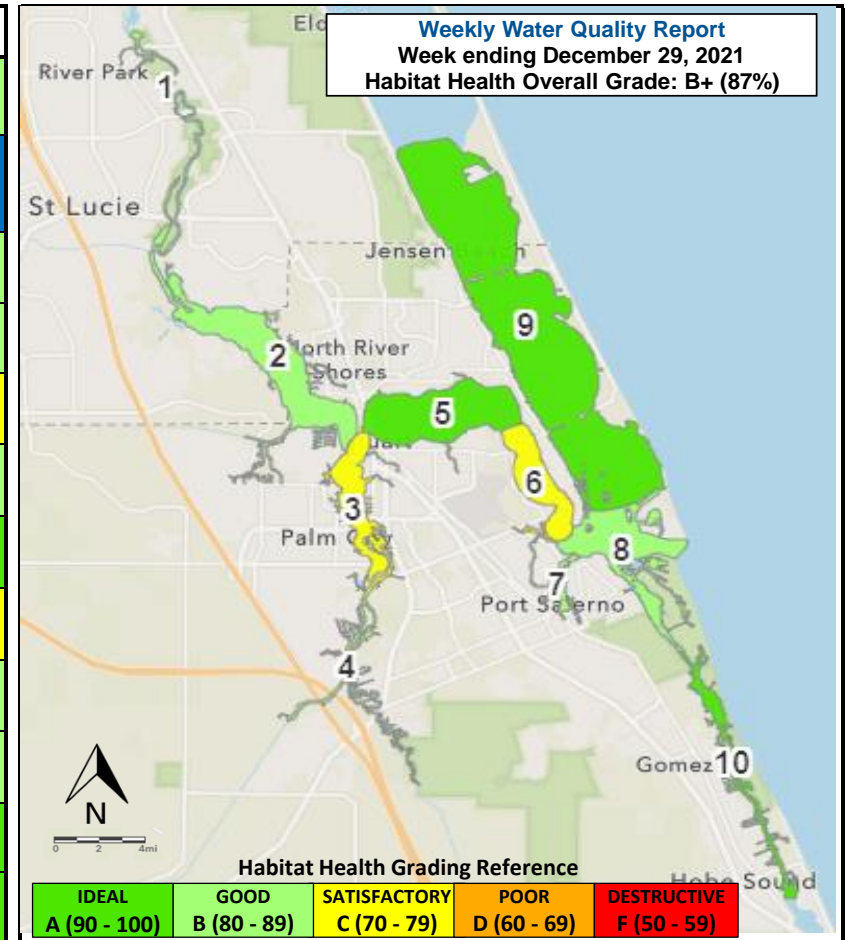
Data on water quality to assess habitat health in the St. Lucie Estuary and southern Indian River Lagoon is collected and provided by the Florida Oceanographic Society's Water Quality Understanding Estuary System Trends (WaterQUEST) program. For more information, past reports, or to support our water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



WATERQUEST
WATER QUALITY UNDERSTANDING ESTUARY SYSTEM TRENDS
FLORIDA OCEANOGRAPHIC SOCIETY

Reporting Week: December 23 2021 to December 29 2021

HABITAT HEALTH OVERALL GRADE		SCORE 87%		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	3	20	7.5	0.8 Fair	3 Good	5.4 Good	87% B Good
2	North Fork	5	23	8.0	1.1 Good	14 Fair	6.4 Good	87% B Good
3	South Fork	5	21	7.9	0.8 Fair	12 Fair	6.5 Good	76% C Satisfactory
4	Winding South Fork	5	21	7.6	0.9 Fair	3 Good	4.3 Fair	81% B Good
5	Wide Middle River	3	22	7.9	1.0 Good	21 Good	6.2 Good	97% A Ideal
6	Narrow Middle River	2	24	8.1	0.7 Fair	24 Fair	6.1 Good	76% C Satisfactory
7	Manatee Pocket	3	24	7.7	1.3 Good	25 Fair	4.5 Fair	81% B Good
8	Inlet Area	4	24	8.3	0.9 Fair	33 Good	5.7 Good	87% B Good
9	Indian River Lagoon	6	22	8.1	1.3 Good	33 Good	5.8 Good	97% A Ideal
10	Intracoastal Waterway South	3	23	7.8	1.2 Good	33 Good	5.1 Good	97% A Ideal



Zone	Salinity Measured in parts per thousand (ppt)		
	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/>).