

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 volunteers for the Florida Oceanographic Society's Water ecoSystem Surveys (FLOWSS) community science program. For more information, past reports, or to support our water quality monitoring, visit www.floridaocean.org/water-quality

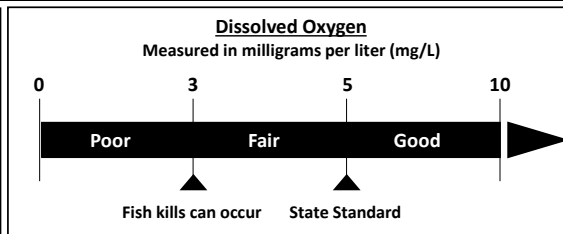
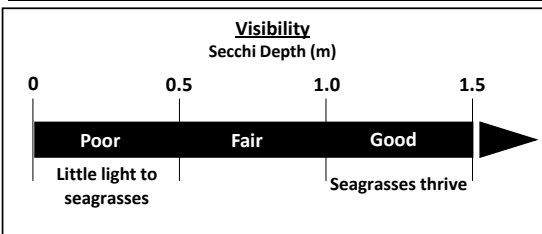
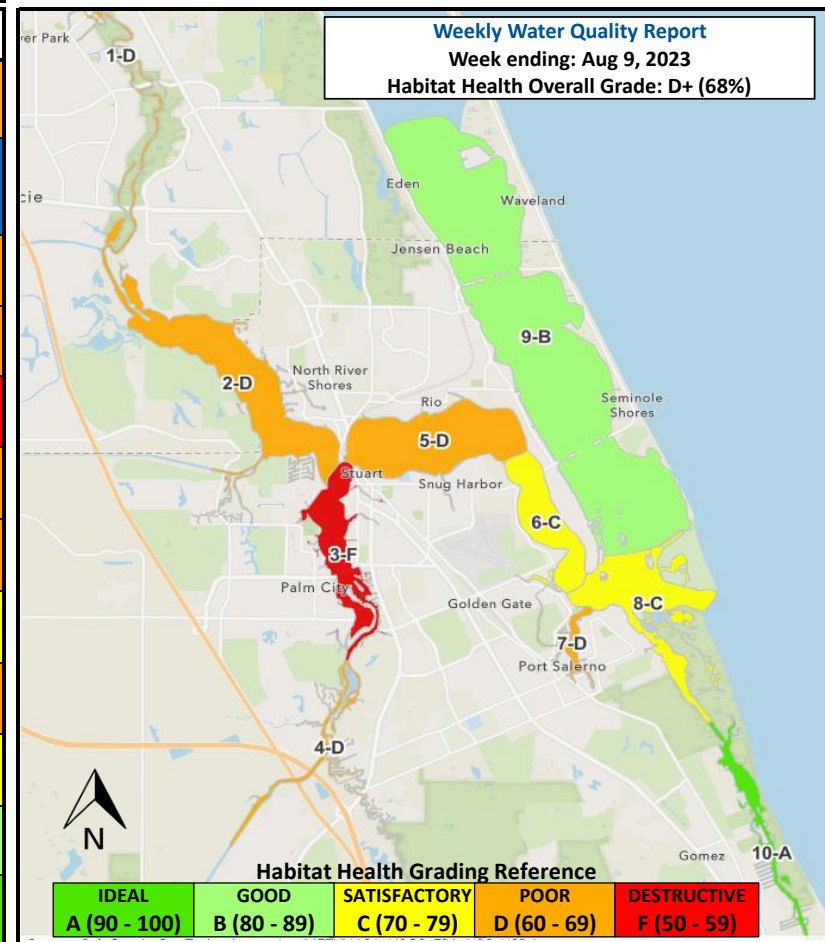


FLOWSS
FLORIDA OCEANOGRAPHIC
WATER ECOSYSTEM SURVEYS



Reporting Week: August 3, 2023 to August 9, 2023

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	2	25	7.4	0.6 Fair	0.0 Poor	3.9 Fair	61% D Poor
2	North Fork	2	32	7.5	0.8 Fair	0.0 Poor	4.3 Fair	61% D Poor
3	South Fork	4	30	7.6	0.5 Poor	1.5 Poor	3.3 Fair	51% F Destructive
4	Winding South Fork	5	31	7.2	0.5 Fair	0.6 Poor	3.3 Fair	61% D Poor
5	Wide Middle River	4	32	7.8	0.5 Fair	7.5 Poor	3.6 Fair	61% D Poor
6	Narrow Middle River	1	30	7.8	1.0 Good	12.0 Poor	5.5 Good	77% C Satisfactory
7	Manatee Pocket	2	32	7.4	1.0 Fair	15.5 Poor	4.7 Fair	61% D Poor
8	Inlet Area	3	30	8.0	0.8 Fair	27.0 Fair	4.6 Fair	71% C Satisfactory
9	Indian River Lagoon	6	30	8.0	1.1 Good	29.5 Fair	4.3 Fair	81% B Good
10	Intracoastal Waterway South	1	34	7.9	1.1 Good	33.0 Good	3.5 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 found on this report is collected by citizen scientists who volunteer their time and effort for the FOS FLOWSS program. Although the data is screened, it comes with no warranties regarding the completeness, accuracy or reliability and is intended for educational and outreach use only. 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.ifron.org/?health).