Weekly Water Quality Report

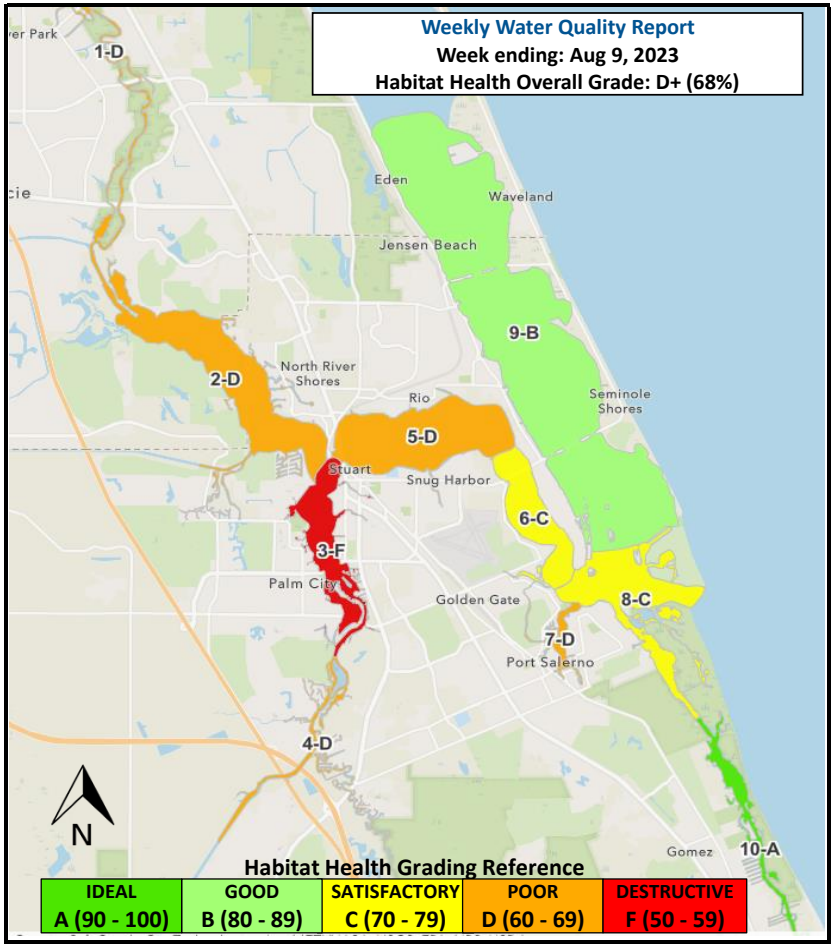
Data on water quality to assess habitat health in the St. Lucie Estuary and southern Indian River Lagoon is collected and provided by volunteers for the Florida Oceanographic Society's Water ecoSystem Surveys (FLOWSS) community science program. For more information, past reports, or to support our water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

FLOWSS
FLORIDA OCEANOGRAPHIC
WATER ECOSYSTEM SURVEYS

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

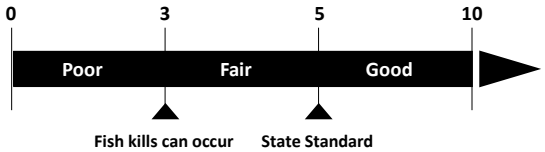
HABITAT HEALTH OVERALL GRADE	SCORE	GRADE	STATUS
	68%	D+	POOR

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



Visibility
Secchi Depth (m)

Dissolved Oxygen
Measured in milligrams per liter (mg/L)



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