

Florida Oceanographic Society 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: 09/24/2020 to 09/30/2020

Posted: 10/01/2020

Habitat Health
Overall Grade:

72%

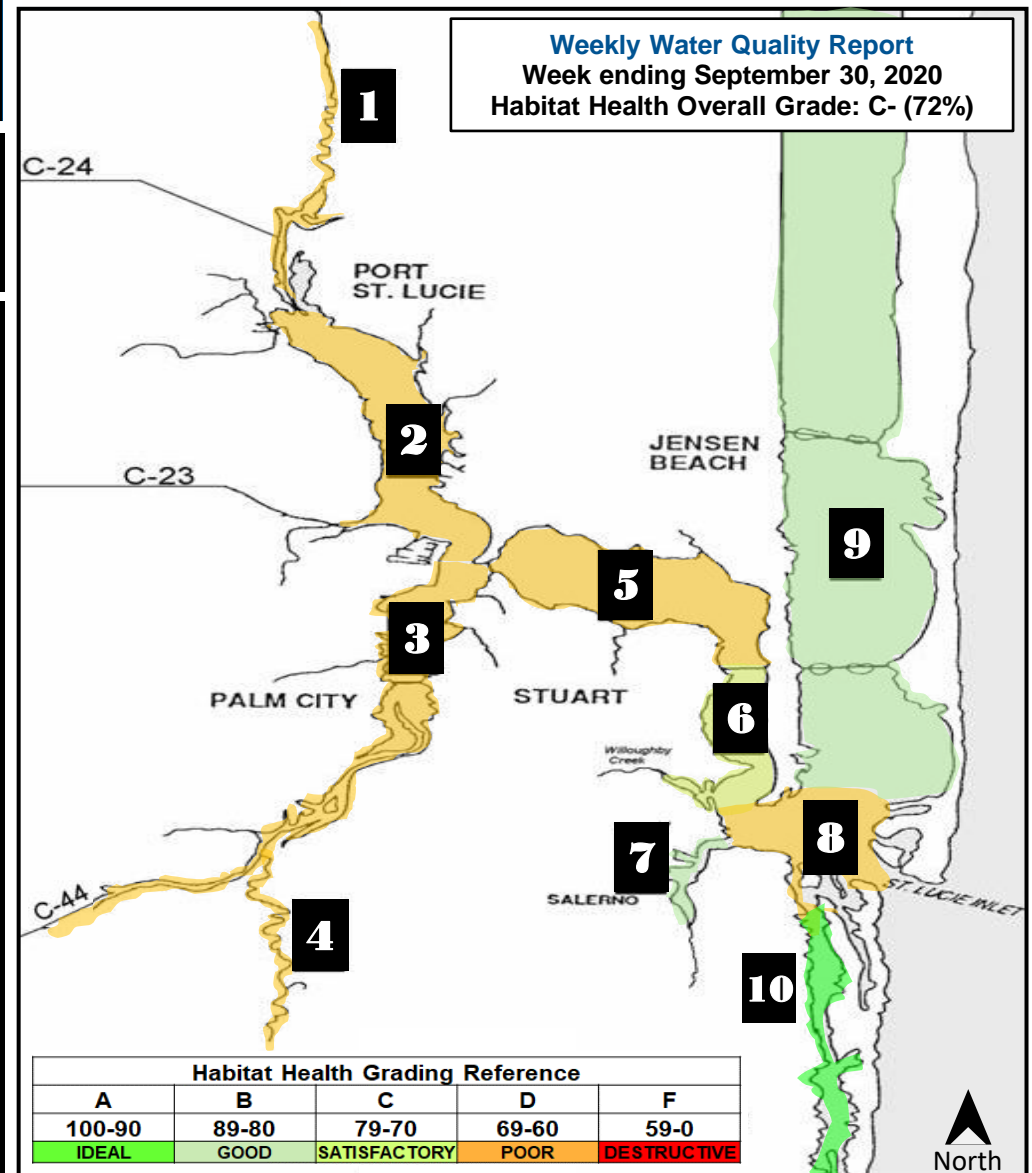
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SATISFACTORY

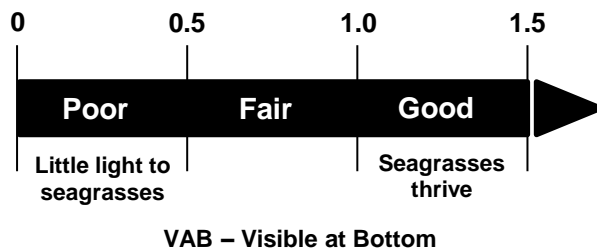
Zone	Location	# of Reports	Water Temp. (°F)	pH	Visibility (Secchi) Meters	Salinity (ppt)	Dissolved Oxygen (mg/L)	Score	Grade
1	Winding North Fork	2	77	7.3	0.7 Fair	0 Poor	4.1 Fair	61% Poor	D
2	North Fork	1	86	7.8	0.9 Fair	2 Poor	3.9 Fair	61% Poor	D
3	South Fork	5	82	7.6	0.6 Fair	2 Poor	3.5 Fair	61% Poor	D
4	Winding South Fork	2	84	7.3	0.8 Fair	1 Fair	2.4 Poor	66% Poor	D
5	Wide Middle River	2	84	7.9	0.6 Fair	9 Poor	5.2 Good	66% Poor	D
6	Narrow Middle River	2	82	8.2	1.1 Good	15 Poor	5.3 Good	77% Satisfactory	C
7	Manatee Pocket	2	81	8.0	1.2 Good	20 Fair	5.6 Good	87% Good	B
8	Inlet Area	2	85	8.2	0.9 Fair	22 Poor	4.8 Fair	61% Poor	D
9	Indian River Lagoon	3	82	7.9	0.9 Fair	30 Good	5.0 Good	87% Good	B
10	Intracoastal Waterway South	1	80	7.6	1.3 Good	30 Good	4.7 Fair	92% Ideal	A



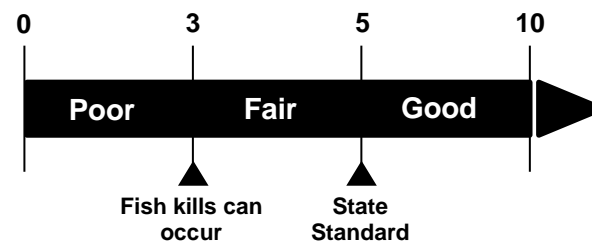
WaterQUEST
WATER QUALITY UNDERSTANDING ESTUARY SYSTEM TRENDS
FLORIDA OCEANOGRAPHIC SOCIETY



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

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/>).