

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: 10/01/2020 to 10/07/2020

Posted: 10/08/2020

Habitat Health
Overall Grade:

65%

D

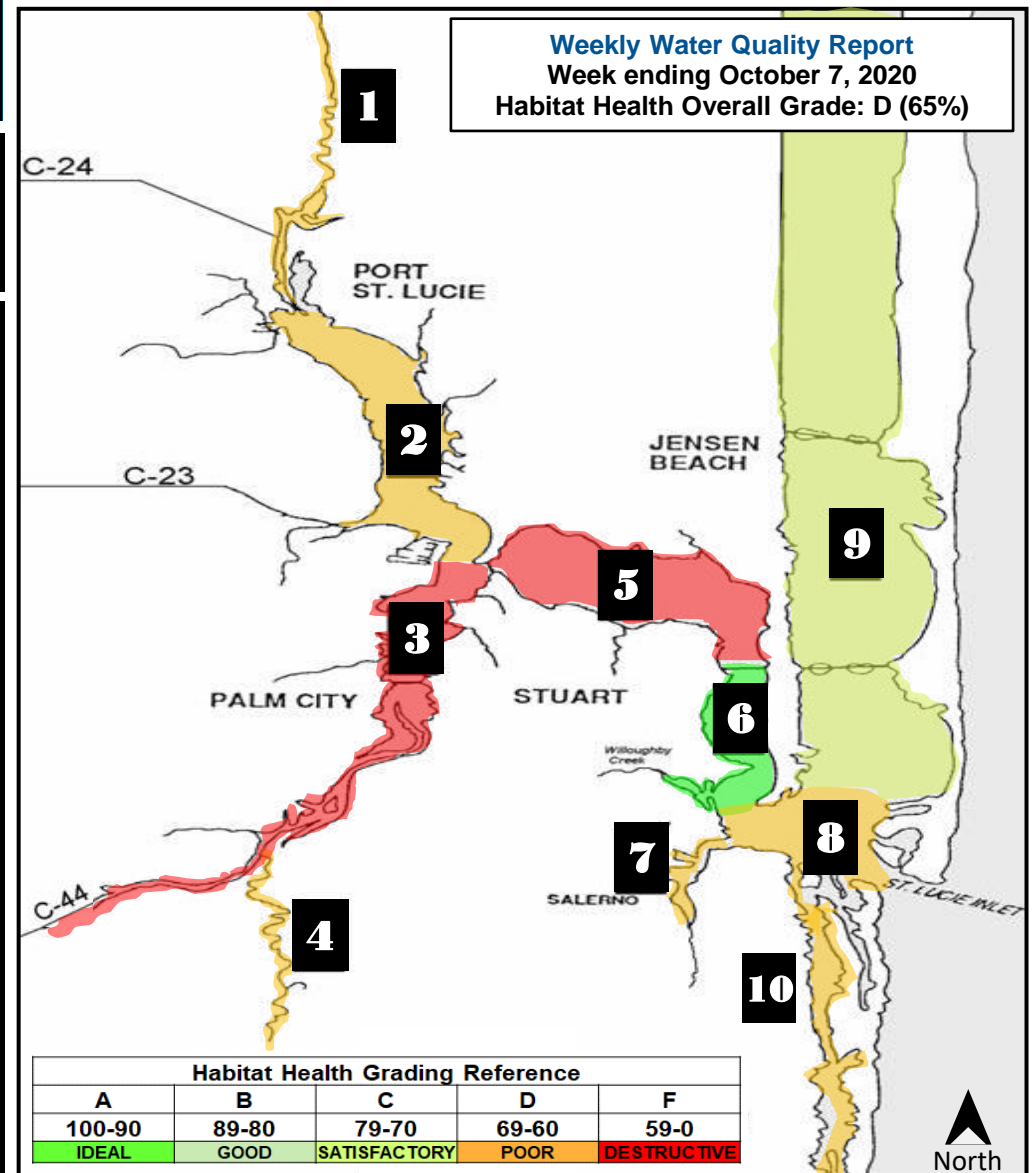
POOR

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	7.4	0.7 Fair	0 Poor	3.2 Fair	61% Poor	D
2	North Fork	2	82	7.3	0.8 Fair	0 Poor	4.0 Fair	61% Poor	D
3	South Fork	5	81	7.3	0.5 Poor	0 Poor	3.5 Fair	51% Destructive	F
4	Winding South Fork	1	81	7.4	0.5 Fair	0 Poor	3.0 Fair	61% Poor	D
5	Wide Middle River	2	81	7.5	0.4 Poor	1 Poor	5.4 Good	56% Destructive	F
6	Narrow Middle River	1	82	8.1	1.0 Good	25 Good	4.1 Fair	92% Ideal	A
7	Manatee Pocket	1	82	7.1	0.8 Fair	2 Poor	7.1 Good	66% Poor	D
8	Inlet Area	2	84	8.2	0.8 Fair	12 Poor	5.0 Fair	61% Poor	D
9	Indian River Lagoon	3	82	7.9	1.1 Good	24 Poor	6.0 Good	77% Satisfactory	C
10	Intracoastal Waterway South	1	82	7.4	0.9 Fair	16 Poor	3.9 Fair	61% Poor	D

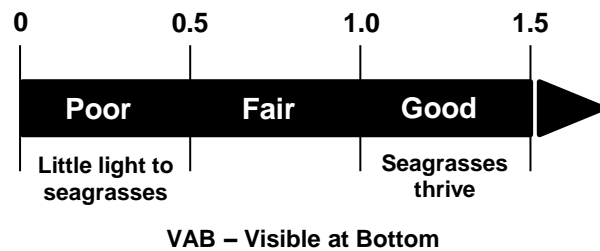


WaterQUEST
WATER QUALITY UNDERSTANDING ESTUARY SYSTEM TRENDS
FLORIDA OCEANOGRAPHIC SOCIETY

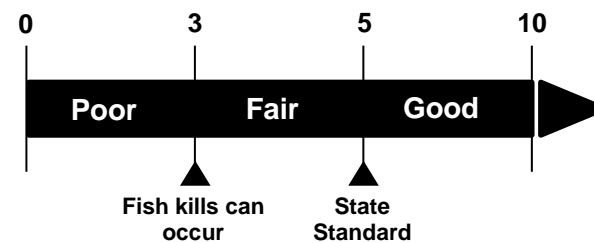
Weekly Water Quality Report
Week ending October 7, 2020
Habitat Health Overall Grade: D (65%)



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/>).