

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



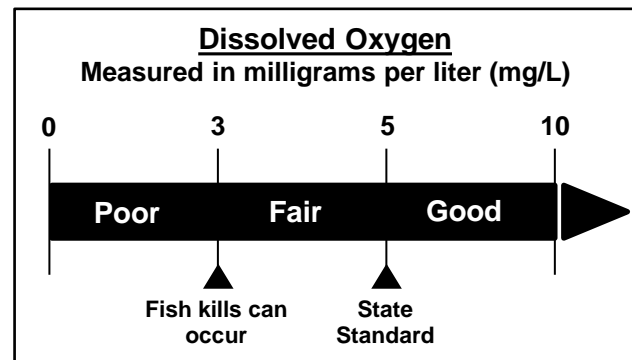
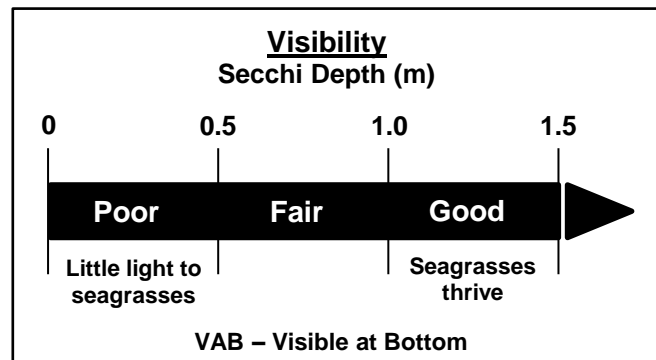
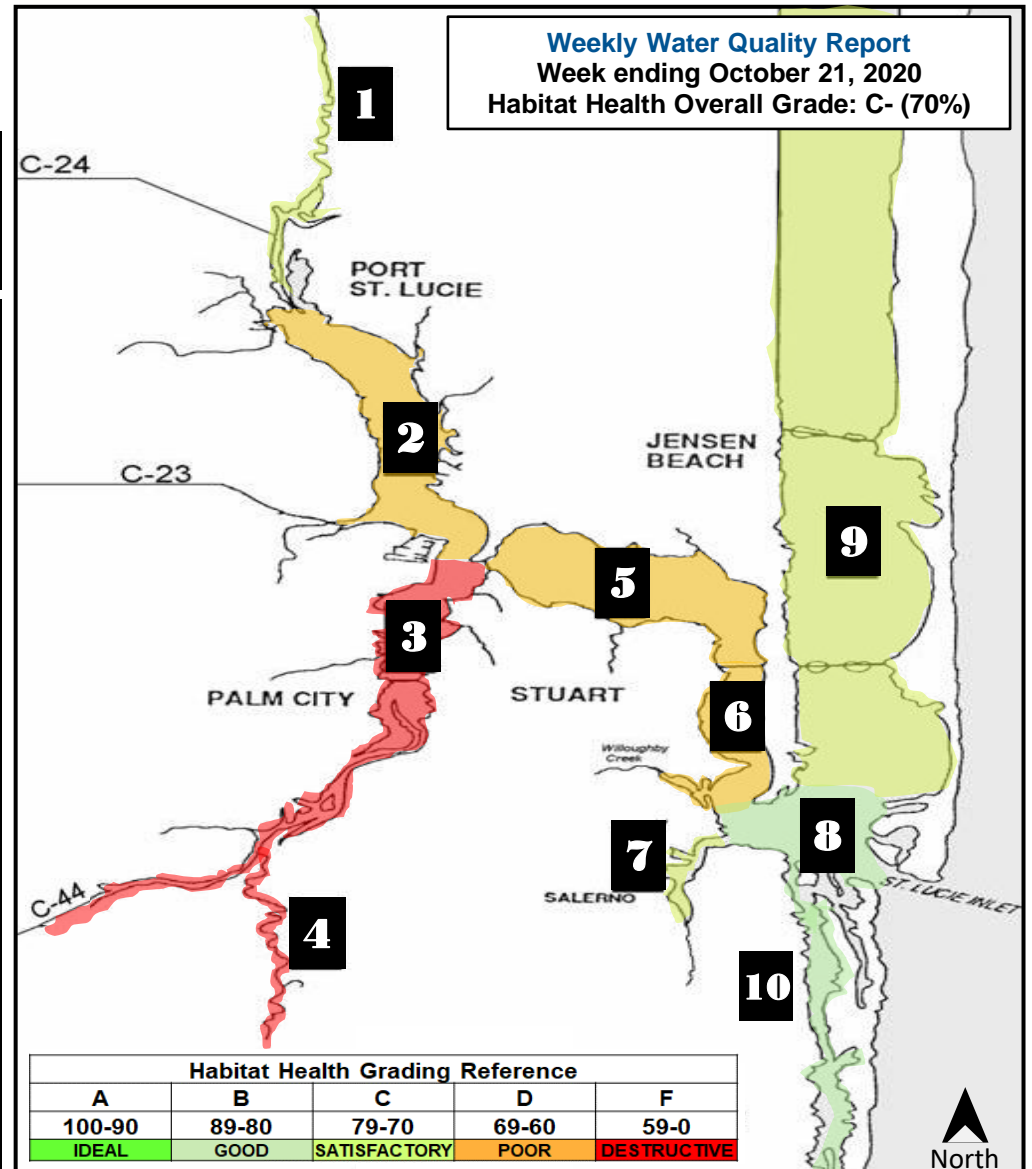
Weekly Water Quality Report
Week ending October 21, 2020
Habitat Health Overall Grade: **C- (70%)**

Reporting Week: 10/15/2020 to 10/21/2020

Posted: 10/22/2020

Habitat Health Overall Grade: 70% C- POOR

Zone	Location	# of Reports	Water Temp. (°F)	pH	Visibility (Secchi) Meters	Salinity (ppt)	Dissolved Oxygen (mg/L)	Score	Grade	Status
1	Winding North Fork	2	75	7.3	0.7 Fair	0 Poor	3.6 Fair	61%	D	Poor
2	North Fork	2	80	7.7	0.7 Fair	1 Poor	5.0 Good	66%	D	Poor
3	South Fork	5	80	7.5	0.5 Poor	0 Poor	4.0 Fair	51%	F	Destructive
4	Winding South Fork	2	80	7.1	0.6 Fair	0 Poor	3.0 Poor	56%	F	Destructive
5	Wide Middle River	2	80	7.7	0.5 Fair	5 Poor	5.8 Good	66%	D	Poor
6	Narrow Middle River	1	79	8.1	1.0 Good	22 Fair	5.5 Good	87%	B	Good
7	Manatee Pocket	2	77	7.3	0.9 Fair	5 Poor	6.9 Good	66%	D	Poor
8	Inlet Area	3	81	8.1	1.2 Good	30 Good	5.9 Good	97%	A	Ideal
9	Indian River Lagoon	4	78	8.1	0.7 Fair	27 Fair	5.6 Good	76%	C	Satisfactory
10	Intracoastal Waterway South	0			Data	Not	Available			



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>).