

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



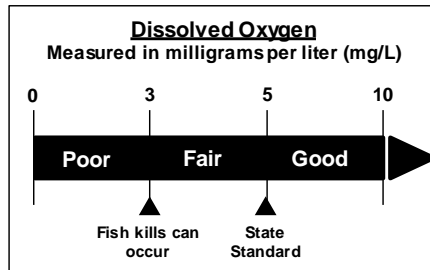
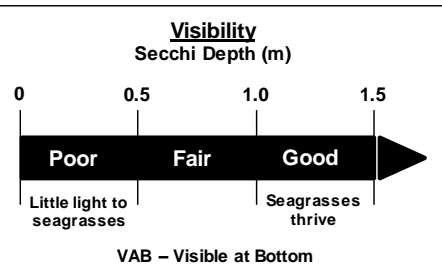
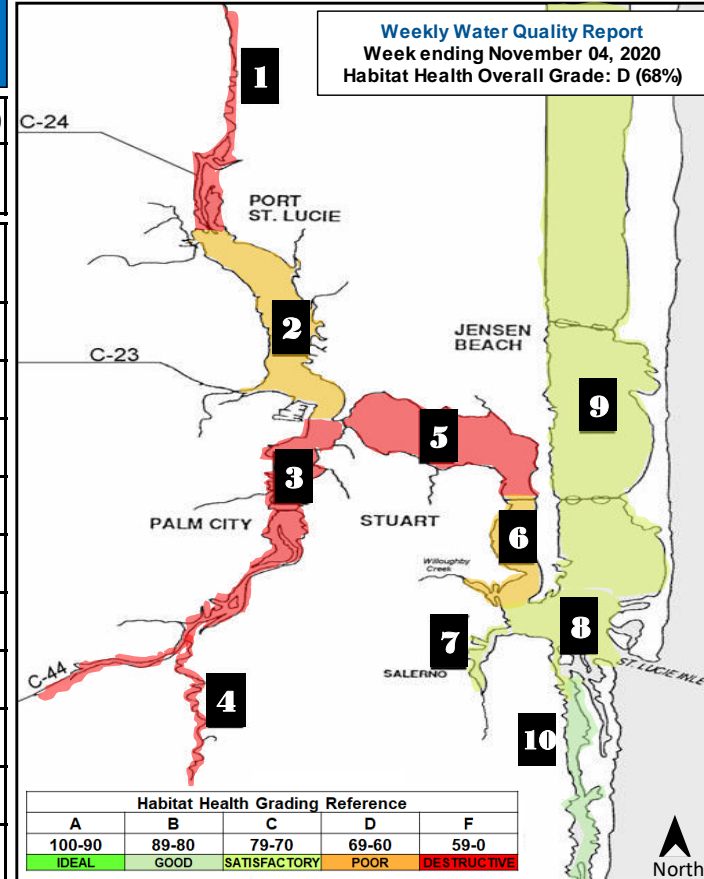
WATERQUEST
WATER QUALITY UNDERSTANDING ESTUARY SYSTEM TRENDS
FLORIDA OCEANOGRAPHIC SOCIETY

Reporting Week 10/29/20 to 11/4/2020

Posted: 11/05/2020

Habitat Health Overall Grade: 68% D+ 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	3	74	7.3	0.6 Fair	2 Fair	4.0 Fair	71%	C	Satisfactory
2	North Fork	2	77	7.6	0.7 Fair	0 Poor	4.7 Fair	61%	D	Poor
3	South Fork	2	75	7.5	0.4 Poor	0 Poor	5.1 Good	56%	F	Destructive
4	Winding South Fork	2	79	7.1	0.6 Fair	1 Poor	2.9 Poor	56%	F	Destructive
5	Wide Middle River	3	78	7.9	0.4 Poor	3 Poor	5.6 Good	56%	F	Destructive
6	Narrow Middle River	1	82	8.3	0.7 Fair	16 Poor	5.5 Good	66%	D	Poor
7	Manatee Pocket	1	77	7.7	1.0 Good	11 Poor	8.7 Good	77%	C	Satisfactory
8	Inlet Area	2	76	8.3	0.9 Fair	28 Fair	6.4 Good	76%	C	Satisfactory
9	Indian River Lagoon	4	74	8.0	0.6 Fair	26 Fair	6.3 Good	76%	C	Satisfactory
10	Intracoastal Waterway South	1	81	7.6	1.3 Good	25 Fair	4.7 Fair	81%	B	Good



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://fa.loboviz.com/>). For up to date information about algae blooms, visit the Florida DEP's algae bloom dashboard (<https://floridadep.gov/algabloom/>).