

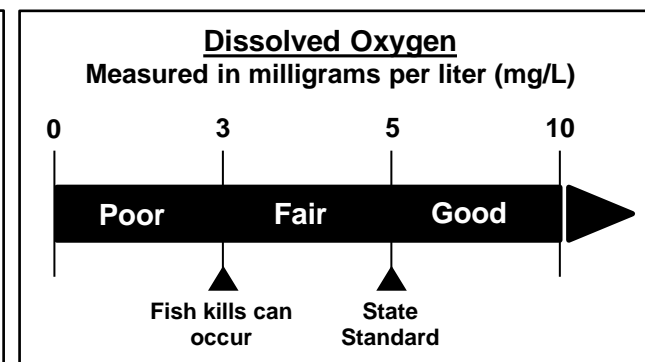
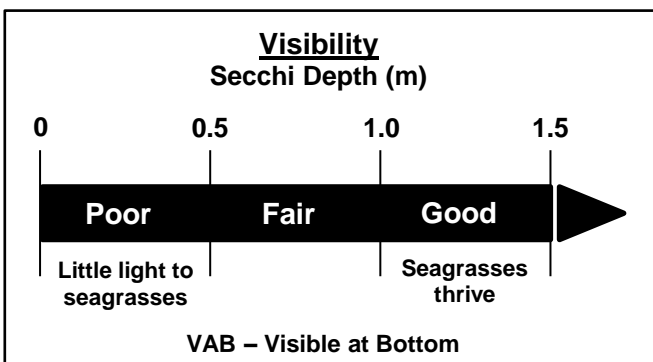
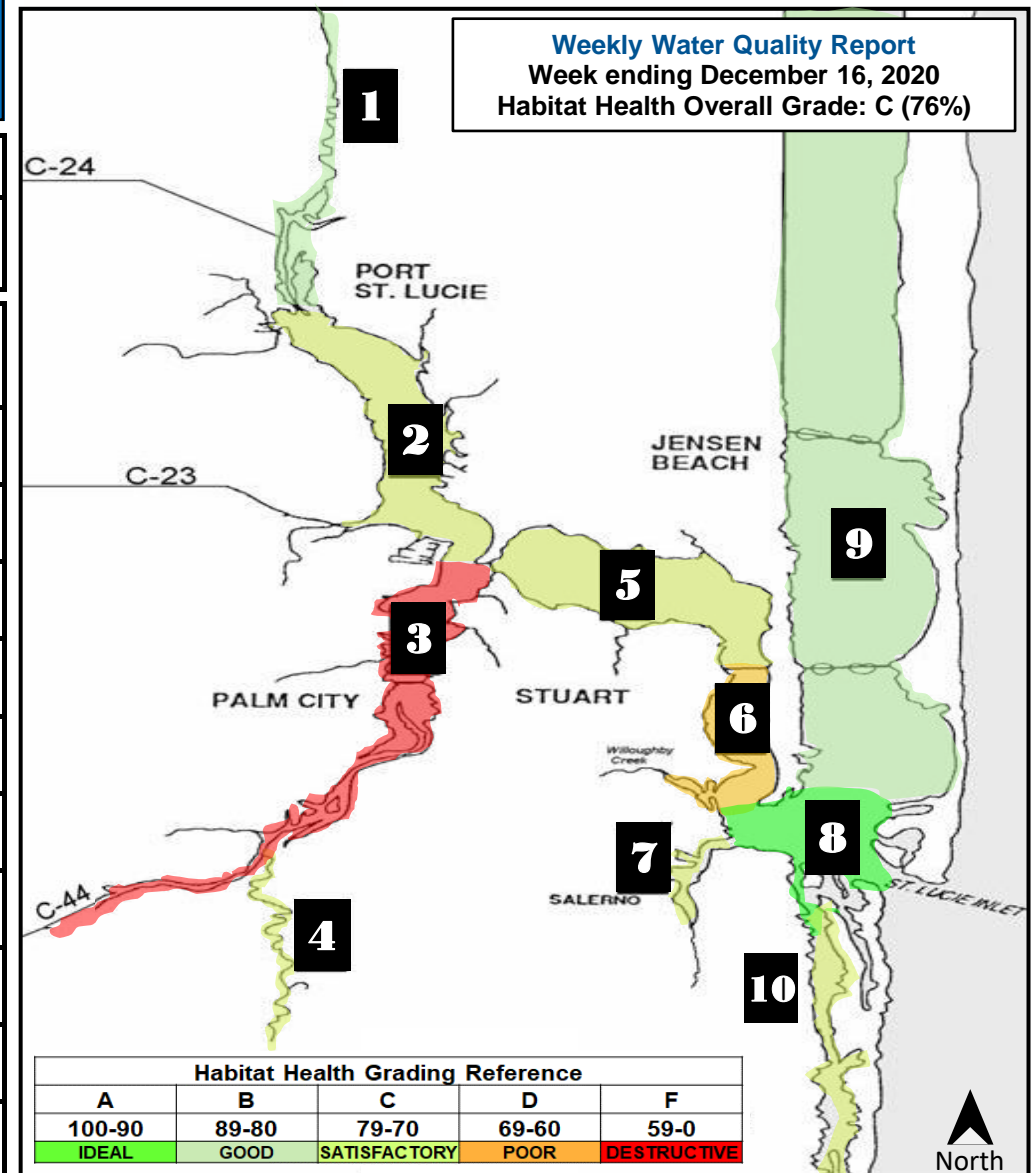
Florida Oceanographic Society Weekly Water Quality Report

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 12/10/20 to 12/16/2020	Posted: 12/17/2020		
Habitat Health Overall Grade:	76%	C	SATISFACTORY

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	66	7.4	0.7 Fair	4 Good	4.9 Fair	81%	B	Good
2	North Fork	2	70	7.8	1.1 Good	4 Poor	5.3 Good	77%	C	Satisfactory
3	South Fork	4	68	7.3	0.2 Poor	0 Poor	6.2 Good	56%	F	Destructive
4	Winding South Fork	2	67	7.3	0.7 Fair	1 Fair	4.5 Fair	71%	C	Satisfactory
5	Wide Middle River	3	70	7.7	2.1 Good	9 Poor	6.6 Good	77%	C	Satisfactory
6	Narrow Middle River	2	73	8.1	0.9 Fair	12 Poor	6.9 Good	66%	D	Poor
7	Manatee Pocket	2	71	7.7	1.5 Good	15 Poor	7.4 Good	77%	C	Satisfactory
8	Inlet Area	3	76	8.3	1.5 Good	31 Good	6.1 Good	97%	A	Ideal
9	Indian River Lagoon	4	74	8.2	1.4 Good	30 Fair	6.3 Good	87%	B	Good
10	Intracoastal Waterway South	1	72	7.6	1.6 Good	23 Poor	5.0 Good	77%	C	Satisfactory



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>).