

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: 10/08/2020 to 10/14/2020

Posted: 10/15/2020

Habitat Health
Overall Grade:

63%

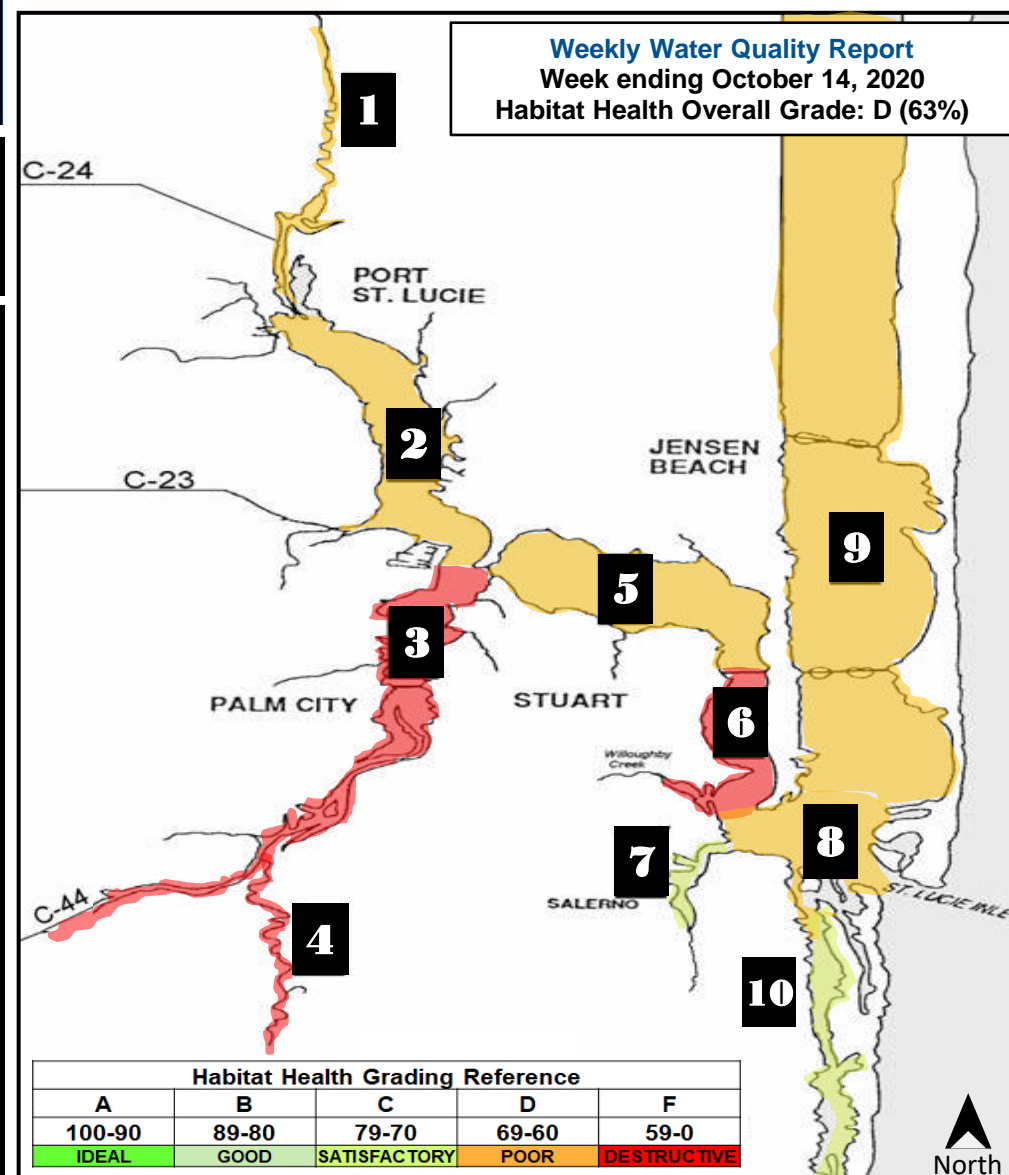
D

POOR

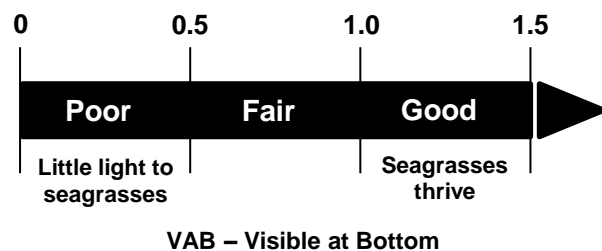
Zone	Location	# of Reports	Water Temp. (°F)	pH	Visibility (Secchi) Meters	Salinity (ppt)	Dissolved Oxygen (mg/L)	Score	Grade
1	Winding North Fork	2	78	6.9	0.6 Fair	0 Poor	3.0 Fair	61% Poor	D
2	North Fork	1	82	7.4	0.6 Fair	0 Poor	3.4 Fair	61% Poor	D
3	South Fork	5	82	7.3	0.5 Poor	1 Poor	3.2 Fair	51% Destructive	F
4	Winding South Fork	2	84	7.1	0.6 Fair	0 Poor	2.7 Poor	56% Destructive	F
5	Wide Middle River	2	83	7.6	0.6 Fair	5 Poor	4.3 Fair	61% Poor	D
6	Narrow Middle River	1	86	7.8	0.8 Fair	0 Poor	NoData	59% Destructive	F
7	Manatee Pocket	1	82	7.3	1.1 Good	6 Poor	6.5 Good	77% Satisfactory	C
8	Inlet Area	3	84	8.2	0.9 Fair	24 Poor	5.1 Good	66% Poor	D
9	Indian River Lagoon	3	84	8.1	0.8 Fair	21 Poor	5.5 Good	66% Poor	D
10	Intracoastal Waterway South	2	85	7.6	1.2 Good	22 Poor	4.1 Fair	71% Satisfactory	C



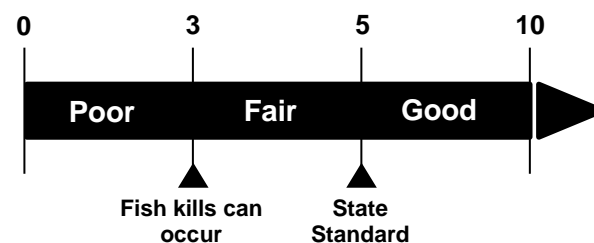
WaterQUEST
WATER QUALITY UNDERSTANDING ESTUARY SYSTEM TRENDS
FLORIDA OCEANOGRAPHIC SOCIETY



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/algalbloom>).