

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

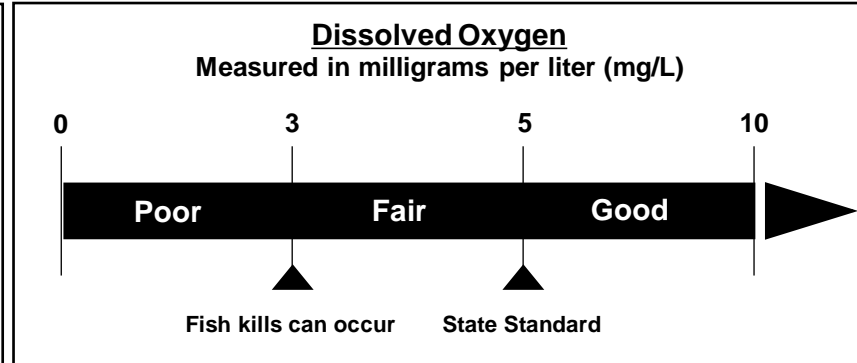
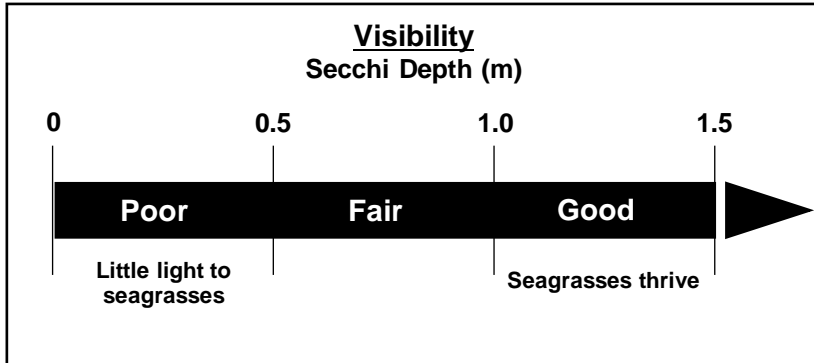
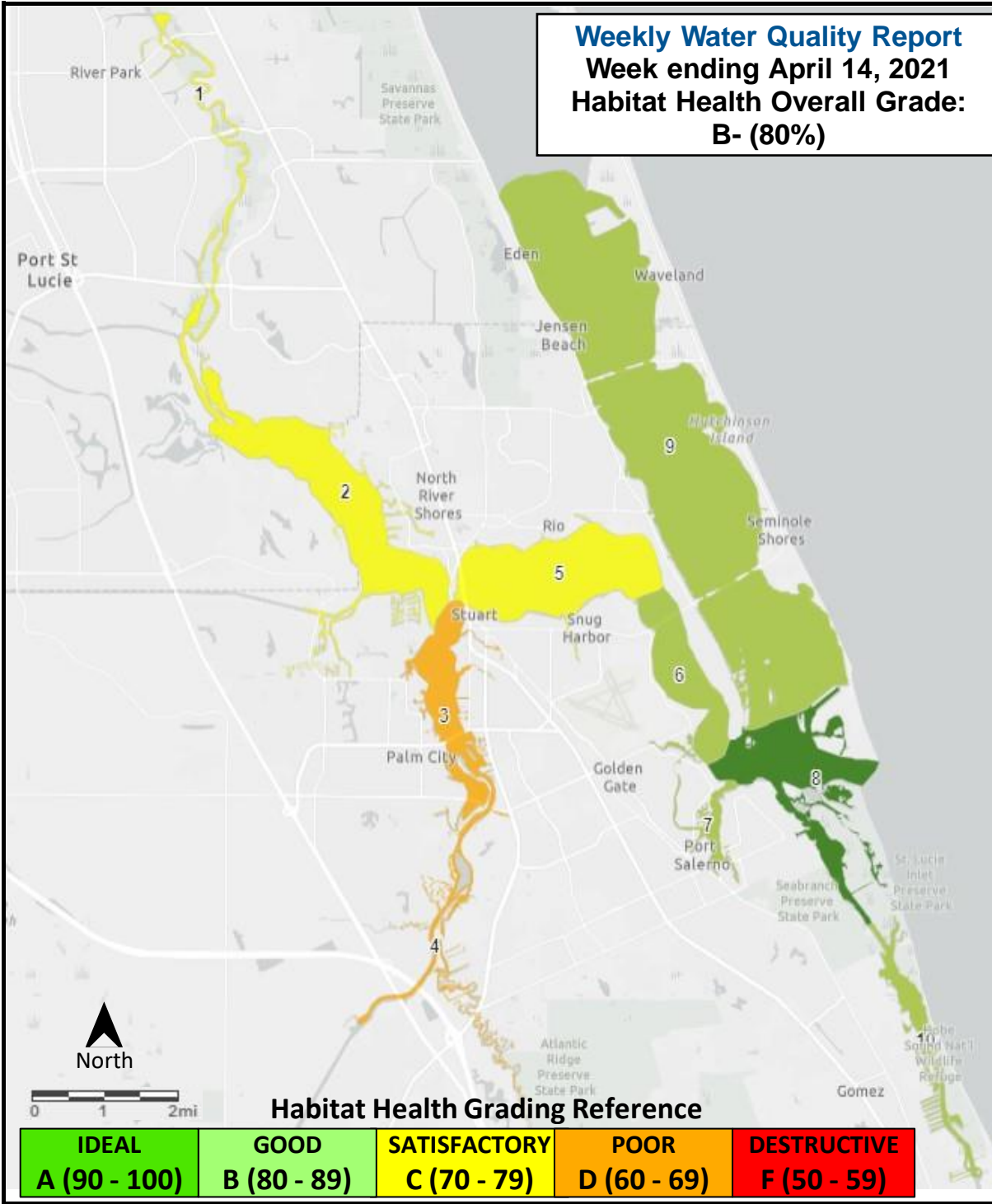


WATERQUEST

WATER QUALITY UNDERSTANDING ESTUARY SYSTEM TRENDS
FLORIDA OCEANOGRAPHIC SOCIETY

Reporting Week: 7-April 2021 to 14-April-2021

HABITAT HEALTH OVERALL GRADE		SCORE 80%		GRADE B-		STATUS GOOD		
Zone	Location	# of Reports	Water Temp. (oC)	pH	Secchi Visibility (M)	Salinity (ppt)	Dissolved Oxygen (mg/L)	Score Grade Status
1	Winding North Fork	3	21	7.4	0.6 Fair	2 Fair	5.1 Good	76% Satisfactory C
2	North Fork	3	23	8.2	0.8 Fair	10 Fair	6.7 Good	76% Satisfactory C
3	South Fork	5	23	8.0	0.6 Fair	6 Poor	6.6 Good	66% Poor D
4	Winding South Fork	2	24	7.8	0.5 Poor	1 Fair	5.4 Good	66% Poor D
5	Wide Middle River	4	24	8.0	0.8 Fair	17 Fair	5.8 Good	76% Satisfactory C
6	Narrow Middle River	2	24	8.1	1.0 Good	21 Fair	6.5 Good	87% Good B
7	Manatee Pocket	3	24	7.7	1.1 Good	26 Fair	5.4 Good	87% Good B
8	Inlet Area	3	25	8.4	1.1 Good	32 Good	6.2 Good	97% Ideal A
9	Indian River Lagoon	4	24	8.1	1.0 Fair	34 Good	6.5 Good	87% Good B
10	Intracoastal Waterway South	1	25	7.6	0.8 Fair	33 Good	4.3 Fair	81% Good B



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/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>).