

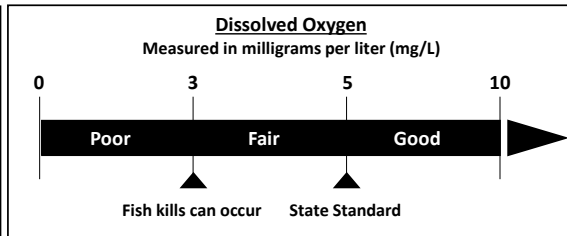
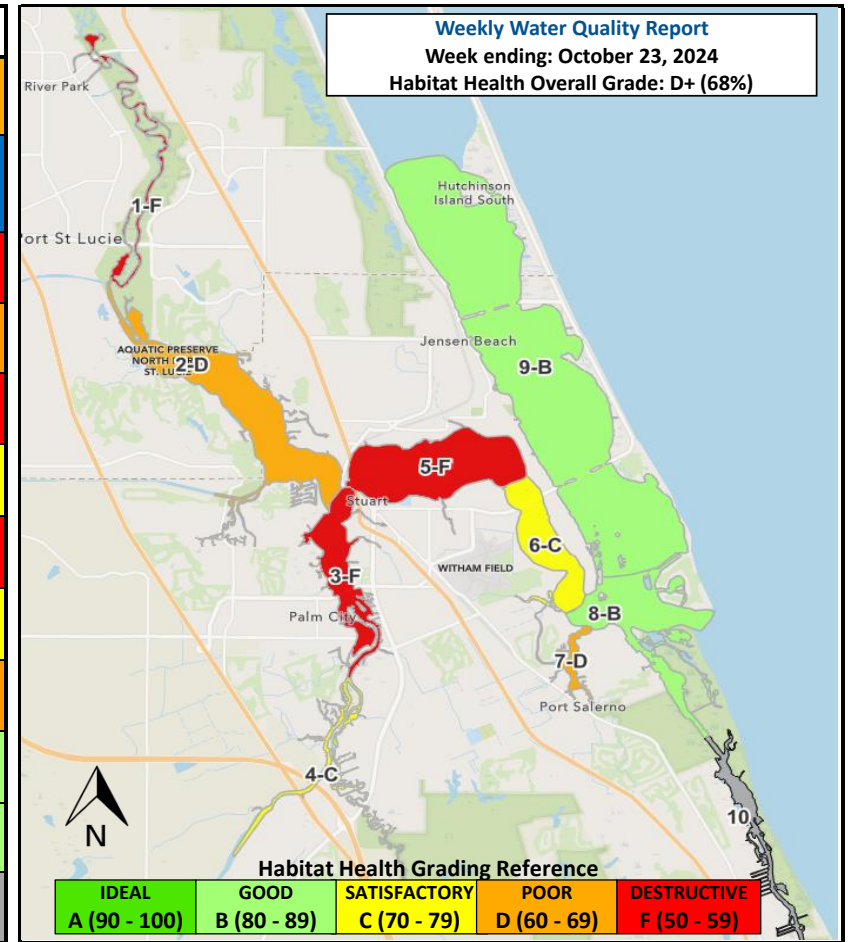
Weekly Water Quality Report

Data on water quality to assess habitat health in the St. Lucie Estuary and southern Indian River Lagoon is collected and provided by volunteers for the Florida Oceanographic Society's Water ecoSystem Surveys (FLOWSS) community science program. For more information, past reports, or to support our water quality monitoring, visit www.floridaocean.org/water-quality



Reporting Week: October 17th, 2024 to October 23rd, 2024

| HABITAT HEALTH OVERALL GRADE | | SCORE 68% | | GRADE D+ | | STATUS POOR | | |
|------------------------------|-----------------------------|--------------|------------------|----------|-----------------------|----------------|-------------------------|--------------------|
| Zone | Location | # of Reports | Water Temp. (°C) | pH | Secchi Visibility (m) | Salinity (ppt) | Dissolved Oxygen (mg/L) | Score Grade Status |
| 1 | Winding North Fork | 1 | 27 | 7.2 | 0.7 Fair | 0.0 Poor | 2.9 Poor | 56% F Destructive |
| 2 | North Fork | 3 | 26 | 7.5 | 0.7 Fair | 0.7 Poor | 5.3 Good | 66% D Poor |
| 3 | South Fork | 5 | 23 | 7.5 | 0.4 Poor | 1.4 Poor | 5.0 Fair | 51% F Destructive |
| 4 | Winding South Fork | 1 | 25 | 7.2 | 0.5 Fair | 1.0 Fair | 4.4 Fair | 71% C Satisfactory |
| 5 | Wide Middle River | 3 | 26 | 7.7 | 0.4 Poor | 4.7 Poor | 6.6 Good | 56% F Destructive |
| 6 | Narrow Middle River | 2 | 26 | 7.9 | 1.1 Good | 12.5 Poor | 5.7 Good | 77% C Satisfactory |
| 7 | Manatee Pocket | 4 | 27 | 7.5 | 0.8 Fair | 10.0 Poor | 7.5 Good | 66% D Poor |
| 8 | Inlet Area | 2 | 21 | 8.2 | 0.7 Fair | 33.0 Good | 7.2 Good | 87% B Good |
| 9 | Indian River Lagoon | 5 | 25 | 8.0 | 1.4 Good | 27.2 Fair | 7.0 Good | 87% B Good |
| 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 found on this report is collected by citizen scientists who volunteer their time and effort for the FOS FLOWSS program. Although the data is screened, it comes with no warranties regarding the completeness, accuracy or reliability and is intended for educational and outreach use only. 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 (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 (www.irlon.org/?health).