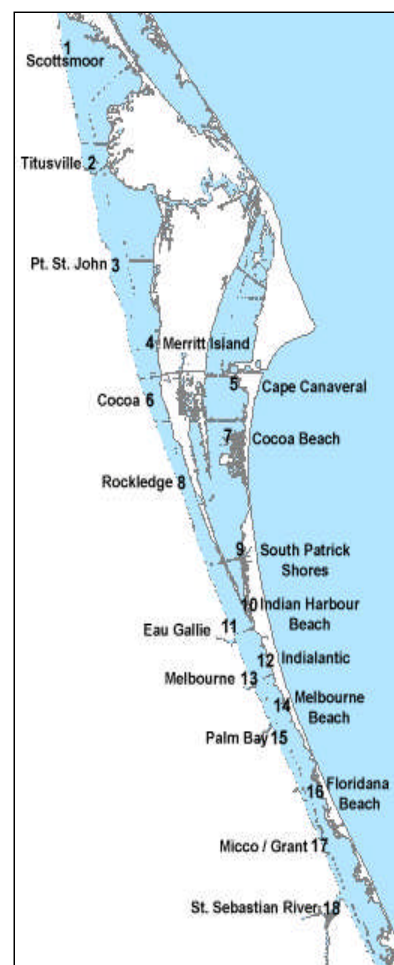


Monthly Average of Weekly Water Quality Data April 1 – April 22, 2008

Location	Time	Water Temp (°F)	Water Clarity (ft)	Salinity (ppt)	pH	Dissolved Oxygen (mg/l)	Overall Condition
1 Scottsmoor	10:35	75	3.2 C	35.0 A	8.3 A	4.8 C	B
2 Titusville	9:42	77	8.2 A	33.7 A	8.4 A	5.6 B	A
3 Port St John	9:15	74	VAB	28.5 A	8.2 A	5.9 B	A
4 Merritt Island	8:03	68	VAB	25.1 A	8.1 A	5.9 B	A
5 Cape Canaveral	9:20	74	VAB	25.4 A	8.2 A	6.2 A	A
6 Cocoa	8:33	72	5.3 A	25.9 A	8.2 A	6.7 A	A
7 Cocoa Beach	9:02	74	VAB	23.8 B	8.5 D	5.1 B	C
8 Rockledge	8:38	73	4.6 B	25.4 A	8.0 C	6.0 B	B
9 South Patrick	7:10	70	VAB	22.3 B	8.2 A	4.3 C	B
10 Indian Harbour	7:56	74	3.2 C	21.9 C	8.0 C	5.4 B	C
11 Eau Gallie	7:25	73	2.6 C	23.3 B	8.1 A	4.8 C	B
12 Indialantic	10:35	75	VAB	22.2 B	8.2 A	6.4 A	A
13 Melbourne	9:38	76	3.4 C	21.7 C	8.1 A	5.9 B	B
14 Melbourne Beach	8:13	75	VAB	22.8 B	8.1 A	5.0 B	B
15 Palm Bay	9:20	74	VAB	23.6 B	8.2 A	5.1 B	B
16 Floridana Beach	8:30	73	3.0 C	29.6 A	8.4 A	5.6 B	B
17 Grant / Micco	9:09	74	VAB	31.6 A	8.2 A	6.4 A	A
18 Sebastian River	8:53	74	VAB	6.7	7.6	6.0 A	A



Note. VAB = visible at bottom, A = excellent, B = good, C = fair, and F = bad.

What Letter Grades Mean

	F: bad	D: poor	C: fair	B: good	A: excellent
Water Clarity (ft)	< 1.5 no light for seagrass	1.5 – 2.5 little light for seagrass	2.6 – 3.5 modest light for seagrass	3.6 – 5.0 seagrass thrives	> 5.0 seagrass spread
Salinity (ppt)	<15.0 fish eggs & shellfish die	15.0 – 17.9 poor for fish & seagrass	18.0 – 21.9 fair for fish & seagrass	22.0 – 24.9 or > 35 good for fish & seagrass	25.0 – 35.0 ideal for fish & seagrass
pH	< 7.5 or > 8.8 harms sealife	8.5 – 8.8 abnormal	7.5 – 8.0 fresh water impacts	8.1 – 8.4 good for sealife	
Dissolved Oxygen (mg/l)	< 2.0 most fish & shellfish die	2.0 – 3.0 some fish die	3.1 – 4.9 fish stressed	5.0 – 6.0 good conditions for fish	> 6.0 ideal conditions for fish