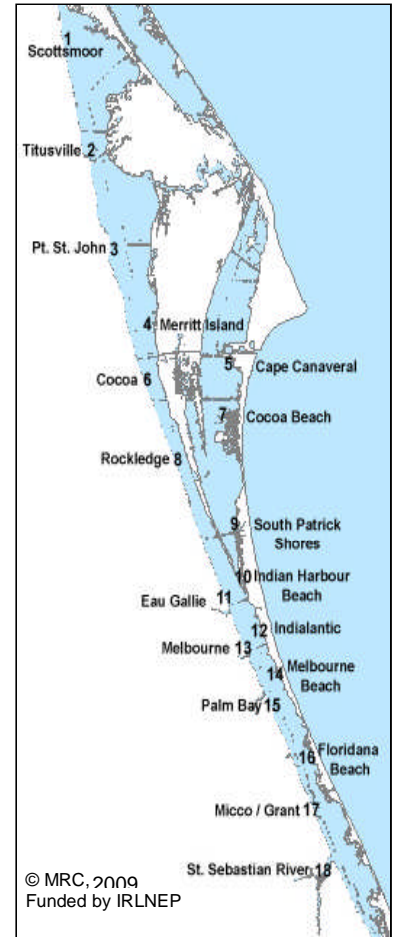


## Monthly Average of Weekly Water Quality Data August 25 – September 23, 2009

Location	Time	Water Temp (°F)	Water Clarity (ft)	Salinity (ppt)	pH	Dissolved Oxygen (mg/l)	Overall Condition
1 Scottsmeer	10:14	83	4.0 B	27.8 A	8.3 A	3.4 C	B
2 Titusville	11:45	87	5.7 A	24.5 B	8.4 A	5.2 B	B
3 Port St John	9:55	86	4.4 B	24.4 B	8.3 B	4.5 C	B
4 Merritt Island	8:05	84	VAB	23.4 B	8.5 D	5.6 B	C
5 Cape Canaveral	8:56	84	VAB	27.6 A	8.1 A	2.4 D	B
6 Cocoa	8:05	85	3.9 B	24.8 A	8.6 D	4.4 C	C
7 Cocoa Beach	2:01	87	3.0 C	27.5 A	8.5 D	5.8 B	C
8 Rockledge	8:36	85	6.2 A	23.6 B	8.3 A	3.9 C	B
9 South Patrick	6:45	82	VAB	23.6 B	8.1 A	2.6 D	C
10 Indian Harbour	8:10	84	3.6 C	20.0 B	8.0 C	4.0 C	C
11 Eau Gallie	11:15	90	3.8 B	24.0 B	7.9 C	4.9 C	C
12 Indialantic	11:35	87	2.3 D	19.1 C	7.9 C	5.4 B	C
13 Melbourne	9:16	88	4.4 B	19.6 C	7.8 C	4.0 C	C
14 Melbourne Beach	8:04	81	3.3 C	19.2 C	8.0 C	5.0 B	C
15 Palm Bay	8:20	88	VAB	24.6 B	8.0 C	4.0 C	C
16 Floridana Beach	9:28	87	2.6 C	27.9 A	8.3 A	4.8 C	B
17 Grant / Micco	7:30	83	VAB	29.1 A	8.1 A	4.7 C	B
18 Sebastian River	8:25	81	VAB	9.2	7.7	5.1 B	B



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
<b>Water Clarity (ft)</b>	< 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
<b>Salinity (ppt)</b>	<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
<b>pH</b>	< 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
<b>Dissolved Oxygen (mg/l)</b>	< 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

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