

**Snapshot Day Data 10/02/07  
PHYSICAL PARAMETERS**

<b>RM Site Time</b>	<b>Air Temp. °C</b>	<b>Air Temp. °F</b>	<b>Wind MPH</b>	<b>Wind Kts</b>	<b>Wind Beaufort</b>	<b>Wind Direction - from</b>	<b>Water Temp °C</b>	<b>Water Temp °F</b>	<b>Chlorophyll Visual Assessment</b>	<b>Turbidity</b>	<b>Turbidity technique</b>
<i>RM 300</i>				4							
9:45 AM	15.5	60					15.2	59.4		unlimited	turbidity tube
10:05 AM							15.4	59.7	nr	unlimited	
<i>RM 152</i>										48 cm	turbidity tube
<i>RM 145</i>											
11:45 AM		70							0.3		
1:09 PM	22	71		7 to 10		N			0.3		
<i>RM 133</i>											
10:30 AM		65			4		19.8	67.6	0.01	nr	
11:15 AM		67					19.8	67.6			
<i>Rm 127</i>											
3:29 PM	26	79			4	S	24	75.2	2		
3:55 PM							24.5	76.1			
4:23 PM	24	75					24.2	75.5		50	JTU sight tube
<i>Rm 124</i>											
9:40 AM									0.4	6.6	
10:22 AM	17				3		15		0.3	6.6	JTU site tube
10:30 AM	17						18				- averages
11:45 AM									0.3	13.3	recorded of
12:30 PM					4				0.1	13.3	3 readings
<i>RM 115</i>											
9:57 AM	17.6	63.8					20.6	69	0.3		
10:45 AM	21	68		5		S	20.5	68.9			
11:00 AM			15								
11:45 AM							20.7			0	JTU site tube
<i>Rm 112</i>											
11:00 AM	19	66		7 to 16	3 to 4	SW					
11:34 AM	23	73								150 cm	secchi of dock
12:20 PM									1.5		
2:24 PM							22	71.6			

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<i>Rm 103</i>												
10:15 AM		65		4 to 2			20.1					
10:47 AM							20.9					
11:20 AM							20.3		0.3			
12:30 PM		72					21			123 cm	secchi	
<i>RM 96.5</i>												
9:01 AM							18	66.2		5.87	NTU - turbidimeter	(average of 3 readings)
9:22 AM	15	60		4 to 6		S						
1:00 PM							22	71.6				
<i>RM 92</i>												
9:05 AM									0.1	20	JTU Sight tube	
10:22 AM	20.6	69				1 variable						
10:45 AM							21.13	70				
11:50 AM							22.8	73				
<i>RM 87</i>												
10:30 AM	18	64					20	68				
12:30 PM	22	72		1 to 3		SSE	21	70		25 cm	turbidity tube	
1:30 PM									0.3			
<i>RM 84.5</i>												
9:06 AM	16											
9:44 AM	16						20	68	2			
10:02 AM	16									74.3 cm	secchi	
10:39 AM	21						20	68		46 cm		
10:56 AM	21						22	72				
11:20 AM	22									48.6 cm		
11:43 AM	22						24	75				
1:00 PM	22						23	73		15 cm		
1:33 PM	23						24	75				
2:05 PM	26									37 cm		
<i>Rm 78</i>												
10:23 AM	16						21		0.5	43.8 cm	turbidity tube	
12:08 PM	23			1 to 3		S						
<i>RM 76</i>												
10:07 AM	17.5	59.1		1 to 3		1			0.3			

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12:25 PM	22.5	72.5										
1:00 PM						21.6	71		40	JTU sight tube		
<i>RM 61 E</i>												
9:30 AM			0	0								
10:05 AM	20	68				21.5	71.5					
10:57 AM	21	71				24	72					
11:37 AM	21	71	7 to 10	3 to 4								
12:40 PM	22	72				21.5	71					
1:15-2:00 PM	22	72	4 to 6	2		24	74.5					
<i>RM 61 W</i>												
1:30-3:00 PM	24			4		22		0.5	47 cm	turbidity tube		
									43 cm			
									39 cm			
<i>RM 58</i>												
9:30 AM	16	60	4 to 6	S		22.2	72					
10:20 AM						22.8	73	2	56.7	JTU sight tube		
11:40 AM	23	74				23.4	74					
12:30 PM						21.9	71					
<i>Rm 55</i>												
9:45 AM	15	60		1		11.5	52.7					
10:15 AM						10.8	51.5					
10:45 AM						10.7	51.2					
11:15 AM	22	73		3		11.5	52.7	0.1	80 cm	turbidity tube		
<i>RM 41</i>												
11:39 AM						24.5						
11:55 AM	28.4		1 to 3	W/SW		24.7						
12:30 PM									6.4	NTU meter		
<i>RM 39.5</i>												
10:45 AM						18						
11:15 AM						20						
11:50 AM						20		1.5				
12:20 PM						22						
<i>RM 36</i>												
9:20 AM						21	69					
10:40 AM						22	72	0.1				
11:35 AM						21	70					

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12:40 PM						24	75				
<i>RM 32</i>											
11:55 AM	22	72									
12:35 PM		74		4 to 6 (no units)	NNE						
12:03 PM						23	71				
12:10 PM						21.5	70.8				
12:33 PM						24	76				
									10 JTU		
12:18 PM									0.1		
<i>RM 28</i>											
9:30 AM		74		1		18.2 ramp	0.1 at Nya	60 cm (floa	secchi		
						16.4 top	0.9 at Hud	59 cm (floa	secchi		
						17.9 bottom		55 cm (Roc	secchi		
								53 cm (Roc	secchi		
<i>RM 25E</i>											
10:15 AM	20			2	N						
12:00 PM	25										
9:30 AM						20					
10:50 AM						24					
11:30 AM						23					
12:30 PM						24.5					
10:30 AM									0.6		
11:00 AM								59.9 cm	long site tubes		
9:45 AM								40 JTU	short site tubes		
<i>RM 25W</i>											
10:30 AM	25			0.7	0.5						
11:02 AM	24			1.1	2	E					
11:23 AM				nr	1	E					
11:39 AM				nr	0.5						
12:30 PM				1.3	1						
12:38 PM	28										
1:00 PM	29.5					E					
1:20 PM	30			1.9	5	E					
10:35 AM							18				
11:05 AM							17.5	63.5			
11:42 AM							17				

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12:45 PM						18						
1:25 AM						18						
12:45 PM						18.38						
10:30 AM						17.33						
11:10 AM						17.45						
11:50 AM						18						
12:56 PM						18						
1:30 PM						18						<b>Piermont 2nd Sample</b>
10:20 AM									27 cm	long site tube	27.4 cm	
11:39 AM									23.9 cm	long site tube	24.7 cm	
10:48 AM									22.1 cm	long site tube	26.2 cm	
11:06 AM									29.8 cm	long site tube	26.9 cm	
11:31 AM									34.6 cm	long site tube	26 cm	
11:36 AM									36.5 cm	long site tube	35.1 cm	
11:50 AM									36.83 cm	long site tube	34.2 cm	
12:44 PM									31.9 cm	long site tube	29.8 cm	
12:50 PM									32.06 cm	long site tube	31.0 cm	
1:09 PM									26.15 cm	long site tube	33.4 cm	
10:24 AM									25 JTU	small site tube		
11:05 AM									25 JTU	small site tube		
11:27 AM									30 JTU	small site tube		
12:33 PM									20 JTU	small site tube		
1:15 PM									30 JTU	small site tube		
10:30 AM									50 cm	secchi disk		
11:00 AM									62 cm	secchi disk		
11:30 AM									80 cm	secchi disk		
12:40 PM									52 cm	secchi disk		
1:10 PM									40 cm	secchi disk		
10:28 AM									1.0			
10:45 AM									0.4			
10:53 AM									1.5			
11:14 AM									1.5			
11:34 AM									1			
11:42 AM									0.8			

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11:53 AM									1			
12:46 PM									0.5			
12:53 PM									0.7			
1:20 PM									2			
<i>RM 18</i>												
9:30 AM	20	68	4 to 6	2		21	70	2.0				
10:05 AM						22.5	72.5	5.0	24.13 cm	turbidity tube		
11:00 AM	23	73.4				22.5	72.5	2.0	32.2 cm	turbidity tube		
<i>Harlem 14</i>												
10:40 AM	18.3	65		2 NW		21.6		1.0 to 2.0	23.58 cm	turbidity tube		
11:31 AM	24.9	71										
<i>Harlem 13</i>												
12:30 PM	23.35					23			5 JTU	site tube		
4:05 PM								0.3	20 JTU	site tube		
<i>RM 13</i>												
9:57 AM	25	77	1.8	1 NE		21.4	70.5	0.5	25.7 cm	turbidity tube		
10:35 AM	24	75				21.5	70.6					
11:50 AM						22.7	72.8					
12:20 PM						22.8	73					
<i>Harlem RM 12</i>												
									18 inches	turbidity tube		
									12 inches			
									12 inches			
<i>RM 7 LGH</i>												
1:00 PM	25	7 to 20										
1:36 PM						21.67						
1:54 PM						21.33		0.1 to 0.3				
<i>RM 7 BB</i>												
10:00 AM		70	1 to 3					0.3				
11:12 AM						18.3	65		2.5 ft.	secchi		
12:12 PM						18.3	65		2.5 ft	secchi		
12:40 PM						18.3	65		2.5 ft	secchi		
1:00 PM		74	4 to 6			18.3	65	0.5	2.5 ft	secchi		
1:20 PM						18.3	65					
<i>RM 5.5</i>												
11:00 AM		70				22		0.1	40 JTU	site tube		

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<i>RM 4 P84</i>													
10:20 AM	25				6-Apr	N							
11:40 AM	25												
9:30 AM								21					
10:22 AM								20	68				
10:51 AM								20	68				
11:15 AM								20	68				
11:48 AM								20	68				
11:45 AM										74.53cm	turbidity tube		
<i>RM2.5 CS_NYCSWCD</i>													
9:30 AM								20.5					
1:30 PM								20.5					
<i>RM 2.5 CS_Calhoun</i>													
10:00 AM	26		breezy					20		>60 cm	not specified		
10:30 AM	25							20		>60 cm			
10:45 AM	30							21		>60 cm			
11:00 AM	24							21		>60 cm			
<i>RM 2.5 CS_Wallerstein</i>													
9:15 AM	26		4 to 6					21		nr			
2:00 PM	23							23		>60 cm	not specified		
<i>RM 2</i>													
11:10 AM		74.65	4 to 6					22.5		75.3 cm	turbidity tube		
<i>East RM4</i>													
11:03 AM	23.3	73.9			2	South		22.6	72.6				
11:15 AM	23.6	74.6								16.5 cm	secchi disk		
<i>East RM1E</i>													
9:30 AM		85								0			
11:00 AM		70						21		0.1-0.3			
1:30 PM								21		0			
2:30 PM		80						24		0.1			
<i>East RM1W</i>													
10:20 AM		68						21	70		11 ft		
11:00 AM								21	70				
11:15 AM		70						21	79.8	0.3	11 ft	turbidity tube	
<i>East RM.5 SS</i>													
10:30 AM	20	68	1 to 3			S				0.3	nr		

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12:35 PM	21	69										
10:55 AM							22					
11:27 AM							22					
11:52 AM							23					
<i>East RM4 GP</i>												
10:47 AM	28	81		6 to 11		S				430 cm	secchi	
1:10 PM							22			600 cm	secchi	
12:52 PM									0.1	705 cm	secchi	
												Note: Strong current, hard to drop
										AVG=578 c		
<i>RM -7 FW</i>												
11:20 AM	23	73.4		4 to 6		S			nr			
11:44 AM	24.5	76										
10:50 AM							19	66				
10:57 AM							19	66				
11:00 AM							19	66		.85 m	nr	
11:16 AM							21	70				
<i>RM -11 BP</i>												
10:11 AM	22		6 to 9	8		ESE	20.5					
10:20 AM	22											
10:37 AM										54 cm	sight tube	
										44.6 cm	sight tube	
										69.2cm	sight tube	
10:55 AM									0.1			