

**Snapshot Day Data 10/14/10
PHYSICAL PARAMETERS**

RM Site Time	Air Temp. °C	Air Temp. °F	Weather Today	Weather Last 3 days	clouds	Wind MPH	Wind Kts	Wind Beaufort	Wind Direction - from	water	Water Temp °C	Water Temp °F	Chlorophyll Visual Assessment	Turbidity	Turbidity technique
RM 300															
6:00 AM	0	32	dry	cold dry							6	42	0.1		
RM 200															
9:30 AM	11	51.8	dry	sunny cool	clear, light cirrus, some contrails			2		calm, fast	10	50	0.3		
RM 153															
10:15 AM	11	51.8	dry	dry, cool nights, warm days	partly	1 to 3	1 to 3	1	NE	calm	14.5	58.5	0.7	23.4 cm	turbidity tube
10:45 AM	17	62.6									15	59			
11:12 AM	15	59									13	56			
RM 144															
10-11 AM	9.44	49			mostly	slight breeze				calm	10	50		6 JTU	LaMotte
RM 138															
10:15 AM	12	53.6	sunny	cool some rain	few						14	57.2	0.1 X 1	41 cm	turbidity tube
10:45 AM	14	57.2									18	64.4	0.3 X3	66.2	
11:00 AM	17	62.6									18	64.4	0.7 X3	75	
11:15 AM	16	61.7									18	64.4	1.0 X 2	80	
11:30 AM	18	64.4									18	64.4		60	
11:45 AM	18	64.4									18	64.4		11.2	
RM 133															
10:00 AM	10	50	very foggy early	typical fall	mostly clear			2	S	calm	14.4	57.9		20 JTU	small site tube
10:30 AM	10	50									13.9	57	0.3		
11:15 AM	10	50						4	S	choppy	14.7	58.5			

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<i>Rm 127</i>																
3:45 PM	20	68		60 degree days	overcast			1.5		NW		14	58	5.0 (sand in it)	60 JTU	small site tube
4:15 PM	15	60	sprinkles	30 at night								14	58		60	
<i>Rm 115</i>																
9:45 AM	7.9	46.2	fog to	lovely	mostly		0			calm		13	56	0.7		
10:30 AM	9.7	49.4	part sun				3			SE		14.2	57.5			
11:00 AM	11.2	52					3			SE		14.5	58.1		20 JTU	sm site tube
<i>RM 105</i>																
11:40 AM	13.8	57	Heavy AM fog	like today	partly		1.3		1 S	calm		13	55.4	1.0	41 cm	turbidity tube
12:45 PM	21.7	71										14	57.2			
1:30 PM												16	61.7			
<i>Rm 102</i>																
10:45 AM	12	57	light win	rain	partly		2			S	choppy	15	60	1.0	68.8 cm	turbidity tube
12:30 PM	19	62														
<i>RM 96.5</i>																
9:00 AM			AM clear, PM cloud	clear last 2, heavy rain 3 days ago	partly	1 to 3	1 to 3		1	choppy		11.9	53.5		24.1 NTU	NTU - turbidimeter
10:30 AM	17	64										15.6	60			
12:45 PM												21.1	70	1.0		
<i>RM 92</i>																
10:00 AM	12	53.6	no rain	cold, dry	AM part cloudy		1 to 3		1 S	calm		12	53.6		50 JTU	Sight tube
10:45 AM	15	59										13.8	56.84	1.0		
11:30 AM												13.3	55.94		60	
12:30 PM	12	53.6			PM cloudy		3 to 5					13.3	55.94		80	
<i>RM 87</i>																
10:00 AM	12	64	heavy fd	fair	clouds		1 to 3		1 E	calm		14	57	0.7	50 JTU	sigh tube
11:00 AM	15	56										14	57		23 cm	turbidity tube
12:00 PM	16	61										15	60			
<i>RM 84.5</i>																
10:00 AM	15	60			partly		1 to 3	1 to 2	S	calm						

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10:30 AM	21	64											2.0		
10:45 AM	21	64								13	56				
11:45 AM	24	72								18	64				
1:00 AM	21	64												9 cm	turbidity tube
<i>Rm 78</i>															
9:44 AM	10	40	no rain	rain, cod	whispy	< 1		N	choppy	14	57	0.4	30.2 cm	turbidity tube	
<i>RM 76 MHCM</i>															
10:00 AM	8.9	48	no rain	windy	partly			2	calm			0.3			
11:00 AM	14.44	58													
12:30 PM	16.7	62								17	62		40 JTU	sight tube	
2:00 PM	17.2	63								18	64				
<i>RM 76 WP</i>															
1:00 PM	18.4	65.12	no rain		partly				S	calm	15.2	59.25	1.0	43 cm	turbidity tube
<i>RM 61 E</i>															
			dense fog to clear skies		dense cloud in PM										
10:15 AM	10	50						1	SW	15.6	60		60 JTU	small site tube	
10:45 AM										15.6	60		40 JTU		
<i>RM 58</i>															
9:30 AM			pM over	rain	partly			0		15.5	59.9				
10:30 AM	11	52								15.7	60.3	0.1	37.5 JTU	JTU sight tube	
11:45 AM										18.1	64.6				
12:30 PM										18.5	65.3				
<i>RM 57</i>															
10:00 AM			AM dry	rain	partly			1	NW	15.5	60	0.0	31.5 cm	turbidity tube	
11:30 AM	20	68													
1:00 PM										18	64				
<i>Rm 55</i>															
9:15 AM	12	55	cool	sunny	partly		4 to 6	2	NW	calm	15.3	61		25	JTU sight tube
10:00 AM	10	50													
10:45 AM	9	49													
<i>RM 53</i>															
9:15 AM	10	50	no rain	cool, fog	partly		1.5 to 2			14	58.5	1.0	18 inches	secchi	
10:15 AM	12.8	55								15.5	62	0.5			
11:15 AM	12.2	54							NW	17.5	63	1.0			
12:00 PM	16.7	62							S	17	61	1.0			
<i>RM 41</i>															
10:30 AM	17.3	63.14	no rain	clear, co	partly		0 to 5		NW	18.6	65.48		26.9 cm	turbidity tube	
11:00 AM										18.5	65.3		27		
12:15 PM										19	66.2		32		
<i>RM 39.5</i>														Secchi	Turbidity tu

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11:00 AM	18	64.4	calm AM	sun, rain	partly		1 to 5	1 to 3	SW	calm AM	15	65	0.4	53.3 cm	33 cm
11:30 AM	20	68					13 to 19	fluctuated			20	70	0.1	61.5	45
11:45 AM	24	75.2					gusts								
12:00 PM										PM chop	20	70	0.3	63.5	35
1:00 PM	26	78.8	windy PM										0.3	68.5	35
2:00 AM	20	68							S				0.2	61	30
<i>RM 35</i>															
8:30 AM	5	41	no rain	rain	partly		4 to 6	2	N		16.66	62			
9:30 AM	10.5	51												43 cm	turbidity tube
10:30 AM											16.66	62			
11:45 AM											21	69			
<i>RM 32</i>															
10:30 AM	16.6	62	sunny	rain	clear			1	W	periodic					
11:00 AM	17.8	64								chop				13 JTU	sight tube
11:30 AM	18.3	65									21	69.8			
12:00 PM	19.4	67									20.2	68.36			
<i>RM 31 BRS</i>															
10:15 AM	12.88	55.2	increasing clouds	rain	mostly		2 to 5			choppy	17.62	63.7		0	sight tube
11:15 AM											19	66.2	1.0	40 JTU	
12:00 PM											19.15	66.5	0.3	40 JTU	
1:15 AM	14.46	58									18	64			
<i>RM 31 NMS</i>															
9:30 AM	16	64	no rain		partly		9		NW		15	59			
10:00 AM											15.3	60.2		31 cm	turbidity tube
11:00 AM											20	68		30 cm	
<i>RM 30.5</i>															
9:00 AM	7.2	45	dry	rain	clear		1 to 3	1	NW	calm					
10:00 AM	15.55	60									15.5	59.9			
11:00 AM	18.3	65									16	60.8		45.72 cm	secchi
<i>RM 28 UNES</i>															
10:15 AM	15.55	60	dry with clouds increasing		partly		2		N		17.22	63			
11:15 AM	20.55	69					1		SE		17.22	63		36.5 cm	turbidity tube
12:00 PM	17.77	64					5		SE		18.16	64.7		37.3	
<i>RM 28 NHS</i>															
10:00 AM											16.4	61	1.0		
1:00 PM											17.6	64		21 cm	secchi

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<i>RM 25E</i>															
9:00 AM	17	64	no rain		partly	4-7 km		2	N						
10:00 AM										16	60.8		40 JTU	site tube	
11:45 AM								4							
<i>RM 25W</i>															
9:30 AM	15	59	sunny	cool & windy	partly		8	3	N		16.5	61.7	4.0	19.8 cm	turbidity tube
10:00 AM	14	57.2					7.5	3	N				1.5	30.2	
10:30 AM	14.9	58.8					4	2	N		17.2	62.96	3.5	21.9	
11:00 AM	16.5	61.7					2.75	1	NW		18.5	65.3	1.8	27.5	
11:30 AM	22	71.6					1	1	NE				1.5	28.2	
12:30 PM	19	66			mostly		7	3	SE		17.5	63.5	2.0	15.6	
1:00 AM	19	66.2					5	2	SE				3.0	17.6	
1:30 AM	17	62.6					6	2	SE		17.6	63.68	2.0	26	
1:45 AM	18.5	65.3					3	1	SE					22	
<i>RM 18.5 Alpine</i>															
11:00 AM	21	69.8		rain	partly			4	S		16.5	61.7	0.5	50 cm	turbidity tube
12:00 PM	22	71.6									18.0	64.4			
<i>RM 18.5 CW</i>															
9:30 AM			sunny	rain	few		4 to 6	4							
10:30 AM							13 to 19 gusts				10.0	50		39 cm	secchi
11:00 AM								2			14.4	58			
2:00 PM														45 cm	
<i>RM 18 Bec & SB</i>															
9:45 AM	15	59	no rain				4 to 7	2	S	calm	16.5	61.7	0.7	34.13 cm	turbidity tube
10:00 AM	20	68							N		16.5	61.7		(marsh area)	
11:00 AM	17	62							NE		17	63	0.2		
11:30 AM	19	66.2							E		17	63			
4:22 PM	19	66	rain	sunny	overcast	1 to 3	1 to 3	1			17.8	64.03	0.5	71.54	secchi (off bo
<i>RM 13</i>															
10:15 AM	18.8	65.84	no rain		cloudy	6.7	5.82	2	NE		17.6	63.7	0.5	40.6 cm	turbidity tube
11:30 AM	18.3	64.94									18.1	64.5			
12:30 PM	16.6	61.88									18.2	64.8			
<i>RM 5</i>															
10:00 AM			sunny	cooling	cloudy					choppy	19	65	0.1	40 JTU	site tube
<i>RM 4.1</i>															
12:20 PM	16	61	dry	storms	mostly						24	75.2			
<i>RM 4 P84</i>															
11:15 AM	14.4	58	no rain	rain	mostly	4 to 7		2	N	calm	20	68		20 JTU	site tube
<i>RM2.5 CS_NYCSWCD</i>															
9:30 AM	16	60.8									16	60.8			
11:00 AM	19	66.2									17	62			

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12:15 PM	19	66.2									17	62			
1:40 AM	20	68									17	62			
<i>RM 2.5 CS_Wallerstein</i>															
11:15 PM	10	50		cool, rain	partly						18	64.4			
12:15 PM	11	51.8									19	66.2			
<i>RM 2</i>															
11:10 AM	17.4	63.3				7.75		2			15.5	59.9		47 cm	turbidity tube
<i>RM -1 GI</i>															
3:00 PM	18	64	cool, breezy	rain, wind	cumulu	2.4		1 N	choppy		18	64	0.3	102.1	turbidity tube
<i>RM -7 FW</i>															
10:00 AM	18.25	63.5	wind	wind, rain	cloudy		9 to 13	3 to 4	SE	choppy	20	68	0.0	63.7 cm	turbidity tube
11:00 AM	17.5	26													
<i>RM -9 BB</i>															
12:04 PM	21	70	no rain		partly					calm	21.33	70.39	0.0		
1:04 PM	20	68								choppy					
<i>RM -11 BP</i>															
11:30 AM	19.7	67.5		60s	mostly	9.7		3 SE			17	65	0.0	83.4	turbidity tube
12:30 PM	18	65									18	65			
<i>Harlem 13</i>															
10:40 AM	18.7	65.8	sunny	rain	partly		16.8	3			20	68	1.0 to 2.0	99.06	50 JTU
4:45 PM	12.8	55	rain	rain	overcast						17.7	64	0.5	54 cm	turbidity tube
<i>Harlem 12</i>															
11:43 AM	18.3	65	clear	warm	partly						16.67	62	0.5	80.20 cm	turbidity tube
1:31 PM														50.3	
<i>Bronx 8.5</i>															
10:00 AM	10	48	no rain	windy	100%					calm	15	59			
<i>Bronx 8</i>															
11:30 AM	17.2	63	no rain	windy	cloudy					calm	12	53.6		100 cm	secchi
<i>East RM 4.5</i>															
12:00 PM	20	68			cloudy			1 E			21	69.8		48 cm	turbidity tube
12:30 PM	23	73.4						2 E							
<i>East RM4</i>															
11:30 AM	19	66.2	cool, breezy	lots rain	partly			2 South			18	64.4		58 cm	turbidity tube
<i>East RM1E</i>															
11:00 AM	18	64.4	cloudy		partly						18	64.4	0.3		
11:30 AM	16	60.8									16.7	62			
<i>East RM 0.5 SS</i>															
11:00 AM	20	68	cool	rain	mostly			2 E	choppy		19	67	0.3	92.5 cm	turbidity tube
11:45 AM	25	77									20	68			