

**A Day in the Life of the Hudson
PHYSICAL PARAMETERS 10/8/09**

RM Site Time	Air Temp. °C	Air Temp. °F	Wind MPH	Wind Kts	Wind Beaufort	Wind Direction - from	Water Temp °C	Water Temp °F	Chlorophyll Visual Assessment	Turbidity cm	JTU	NTU	Turbidity technique
RM 182													
11:00 AM	16				2		12						
RM 153										48 cm			
10:15 AM	14	62					14	59					
10:45 AM				2	1		20	62		51.5			turbidity tube
11:00 AM							13.5	53.67	0.5	33			
11:15 AM							18	60	2	40.9			
11:30 AM	14	62		4	2	NE	15	57	0.1	54.45			
RM 144													
8:30-10:00 AM	13.83						13.4			37.7	8.1		Turbidity tube & JTU sight
RM 138													
10:30 AM	16.67	62			2				0.3	44.4			turbidity tube
11:15 AM	17.2	63			3		15.5	60	0.4	59.4			
11:45 AM										63			
RM 133													
10:45 AM	10	50			6	N	15.4	59.5					
11:15 AM							15	59					
12:30 PM							15.4	59.5					
Rm 127													
3:45 PM	18	65		1.5		NW	18	64	0.5				
4:00 PM							18	64		60			JTU site tube
RM 115					4				0.1	13.3			
9:45 AM	15		3 to 4			NW	15	58					
10:30 AM	16			7			16	61					
11:15 AM			3 to 5				16	60					
Rm 103							20.7			0			JTU site tube
10:15 AM													
11:15 AM	19	65			2		15			87.1			secchi
12:15 AM	18	60					15		0.7	88.1			
12:45 PM							18		0.7	106.9			
RM 96.5		72							0	84.6			
9:45 AM													
10:15 AM	10.56	51		4	2	E	15	59	1		60.6		NTU - turbidimeter (average of 3 readings)
11:40 AM							17	69					
RM 92							15	66					
11:30 AM													
1:45 PM	21	70			3	N	15.5	60	0.1	75			JTU Sight tube

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11:30 AM	15	59												
12:30 PM														
RM 53	16	61		7.5	8	N	17.5	63			62.3	test kit		
9:30 AM														
10:30 AM	12.78	55	6 to 12	7 to 10	3	N/NW	18	64.4	1					
11:30 AM	16	61					19	66.2		61.98		secchi		
RM 41	17.78	64					20	68						
11:20 AM														
12:00 PM	18.5	51	3	3	1	N	20	70						
RM 32	19					W/SW	20	70						
11:00 AM														
12:30 PM	16	61					16.87	62.5						
1:00 AM			10.9	10	3	NNE	18	64						
RM 31.1 NM							18.5	63						
9:30 AM														
10:00 AM	18.5	67		20	3.5	NE	16.5	61.5		17.6				
RM 31 (BR)	18.2	66.5			5		17	62.6						
11:00 AM														
11:34 AM	17.6	65.66			3	NE	20		0.1					
1:00 PM	18	66												
1:45 PM							21.2			6.7	site tube			
RM 30.5							21							
9:30 AM														
10:30 AM	25.55	78	1 to 2		2	NE	18.3			39.6				
RM 28	27.7	82			1	SW			0.1					
10:20 AM														
1:15 PM	19						15.6			52				
RM 25E	21						17.6							
9:30 AM														
RM 25W	15	58		19-24	5	S	20	68		40		turbidity tube		
10:00 AM														
10:30 AM	17			7.4	3	N								
11:00 AM	19			3.5	1	NW								
11:25 AM				18.1		NW								
11:40 AM	18			1.6	1	NW								
12:40 PM	19			2.8	1	N/NW								
1:00 AM	16			1.2	1	N								
1:20 AM	14			0.7	0									
9:30 AM	20.5			5	2				1.75					
10:30 AM							18			16.5				SURFACE
11:30 AM							16			17.5				
12:30 PM							16			13.4				
1:15 AM							16			15				
9:30 AM							16			17.6				
10:30 AM							17			40				BOTTOM

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9:00 AM														
11:00 AM						11	55	0.5	76.2				secchi Disk	
RM 4.1 Intrepid	12.78	55				15.6	60	0.5						
10:54 AM														
11:44 AM	18		20		2 to 3	W/WE	24							
RM2.5 CS_NYCSWC	19													
9:15 AM														
1:30 PM	13	55					18	64						
RM 2.5 CS_Wallerst	18	64					18	64						
11:00 AM														
1:30 PM	15.55	60					12.77	55						
RM 2 RP	10	50					12.77	55						
10:30-11:20 AM														
RM 2 HS	13.6	56.5	20.6		strong		16	62		47			turbidity tube	
12:00 PM														
Bronx RM 8 HP	19	66	4		2 to 3	W	18	64	1.2	60.3			turbidity tube	
11:00 AM														
11:30 AM							18			41			secchi	
12:00 PM							17			71				
East RM 8 BP							19		0.1	40.5				
							18.3	65						
East RM 4.5 GP														
East RM4 SO	15.5				2	SW	14		0.1	70.1			turbidity tube	
9:30-10:30 AM														
East RM1W	22.92	71.6					18.8	67		*10.5			NTUs meter	
10:52 AM	22	72			3	South	19	67	0.6					
East RM 0.75 P														
	17	17			4	West	16		0.3					
East RM 0.5 SS														
10:30 AM														
RM -6.5 CP	14	57					18	64	0.5					
11:00 AM														
RM -7 FW	20.1	68			2		17.12	62.82	0.1	229			secchi	
11:53 AM														
RM -9 BB	17.2	63			4	E				105.6			site tube	
12:04 PM														
1:04 PM	21	70							0.1					
RM -11 BP	20	68												
11:37 AM														
12:35 PM	10	48	19.8	24		NW								
12:10 PM							16.67	63.67	0.1	86.16			sight tube	