

Day in the Life of the Hudson River  
10/4/12 - Physical Systems

Site ID	RM Site Time	Time 24 hr clock	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 - cm	Turbidity - JTU	Turbidity - NTU	Turbidity technique
	300	600				rain	mist					rushing	12	54					
	200	1100	20	68	drizzle	rain	mist	0	0	<1		calm	17	62	0.5-1.0	120			secchi
	153	1000	20	69	some rain	rain	overcast	0	1	0	S	calm	16	60.8		25			long tube
	152	1000	18.3	65	some rain	rain	overcast	0	0	<1		calm	19	66	0.1	44			long tube
	145	945	19	66	some rain	rain	foggy	0	0	1	E	calm	15.5	60		98			long tube
	144	1000	20.8	69.44	wet	rain	foggy					calm	15.3	59.54	0.9	64			long tube
	138	1015	20.4	69	rainy	rain	clouds	0	0	0					0	62			long tube
	133	1045	18.3	65	rain	rain	clouds	0	0	1	NE	calm	17.4	63.3	0.1		13		sm tube
	127	1543	20	68	rain	rain	overcast		1.4	0-1	N	calm	19.2	66.5	0		60		sm tube
	123	930	21.3	70.34				0	0	0	NW	calm	18.7	65.66	1	50			long tube
	118	1000	19.4	66.92	rain	drizzle	foggy	0	0	0		calm	19.8	67.64	0.3		20		sm tube
	115	930	20	68	drizzle	lovely	foggy	0	0	0		calm	19.1	66.4		119			long tube
	108	1015	20.4	68.8	rainy	60s	cloudy	0	0	0		calm	18	64.4	1	49			long tube
	102	1020	20	68	rain	rain	overcast		1		S	calm	17.3	63.05		146			long tube
	97	915	19.5	67.3	drizzle	rainy	cloudy			0		calm	18	64.4	0.3			7.9	meter
	92	930	14	57.2	drizzly	rainy	overcast	1.5				calm	19.5	67.1	0.5		60		sm tube
	90	1045	22	71.6	rain	rainy	overcast			0									
	87	1015											17	63	2	10			long tube
	84.5	930	21	69	rain	rainy	foggy					calm	18	65		22			long tube
	79	1300								3			21.8	71.2		54			long tube
	78	1030	21	69	rain	rain	cloudy	0	0	0	none		17	62.6		54			long tube
MHC																			
M	76	1044	24	73	rain	rainy	overcast			1		choppy	20	68	0.05	30			long tube
PCS	76	1030			drizzle		overcast			0		calm			0.2	56			long tube
	61.1	1015	21	70	drizzle	rainy	overcast			0		calm	20	68	0	63			long tube

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East	<b>61</b>	1030	21	70	drizzle	rainy	overcast			1		calm	20	68		35	40		long & sho
West	<b>61</b>	1515	27	83.6	drizzle	rain	cloudy		5	2	N	calm	20	68	2	24			secchi
	<b>60</b>	1100			rain	rain	clouds			<1					1	34			long tube
	<b>58</b>	815	19.5	67.1	overcast	rain	overcast	0		0		calm	21.5	73.7	0.3			14	meter
	<b>57</b>	1015	21.7	71	drizzle	rainy	cloudy						23	73		52			long tube
	<b>55</b>	1000	21.8	71	drizzle	rain	overcast	1	1	1	NW	calm							
	<b>53</b>	1130	20	68	drizzle	rain	cloudy	4	4	2	S	calm	21	69.8	0.5	55			long tube
	<b>43</b>	915	22	70	cloudy	rain	cloudy	>1	>1	0	N	calm	21	69.8	1	17			long tube
	<b>41</b>	1045	23	73.4	drizzle	rain	fog			2		calm	22.6	72.68	0.5	75			long tube
E	<b>35</b>	1300			rainy	rain	overcast						22	71.6	0.3			116	meter
W	<b>35</b>	930	20.5	69	overcast	rainy	cloudy					calm	22.5	74	0.3	48			long tube
	<b>32</b>	830	22	72	rain	rain	overcast			1		calm	17	64		35			secchi
BR	<b>31</b>	1015	18.2	65	drizzle	rain	coudy			1	SE		21	70	0.7		37		sm tube
NMS	<b>31</b>	900	22	72	overcast	rain	cloudy	0	1		N		22	71.6		56			long tube
E	<b>30.5</b>	1000	21	70	drizzle	rain	overcast			1		calm	20	68					
E	<b>25</b>	915	22	72	overcast	rain	cloudy	0	0	0			19	66.2	0.5		30		sm tube
W	<b>25</b>	915	23	66	overcast	rain	cloudy	0	0	0			20	68	2	36			long tube
	<b>23</b>	1045	23.6	74.4	overcast	rain	overcast			1	SW	calm	21.5	70.7	1	39			long tube
	<b>18.5</b>	1015	23	73.4	rain	rain	cloudy				NE	calm	22	72		47			secchi
Becz	<b>18</b>	1015	22	75	rain	rain	cloudy					calm	20	68	0.1	30			long tube
SB	<b>18</b>	1200	23	73	rain	rain	overcast			1	E		20	68		75			long tube
	<b>17</b>	1200	22	75	rain	rain	cloudy		2.6		S	calm	22	72	0.5	31			long tube
HarSh	<b>13b</b>				rain	rain	clouds						20.9	70			100		sm tube
HarSC	<b>13a</b>	945	24.2	75.6	drizzle	rain	cloudy			0		calm	20	68	2.5	43			long tube
	<b>11.5</b>	1045	24	75	drizzle	rain	cloudy	0		1		calm	21	70	0.3		40		sm tibe
	<b>6</b>	1000			cloudy	rain	cloudy						20	68		45			long tube
	<b>5</b>				drizzle	rain	overcast						21	70	0.1	75			long tube
	<b>4.1</b>	1130	29	72	rain	rain	cloudy		5	1		calm							
	<b>4</b>	1145	25	77	damp	rain	cloudy			1			21	70		71			long tube
NYCS																			
WD	<b>2.5</b>	1115	22.5	72.5									20	68					
NYU	<b>2.5</b>	1045	20	68	rain	rain	cloudy						19	66.2		55			long tube

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	<b>2</b>	115	24	75.2	rain	rain	cloudy			1.5			20	68		91			long tube
ER	<b>4.5</b>	1030	22	75	rain	rain	cloudy			1			21	70	0.3	110			long tube
ER/E	<b>1</b>	800	20	64	rain	rain	cloudy					calm	22	72	2	43			secchi
ER/W	<b>1</b>	945	26	78	drizzle	rain	cloudy						20	68	0.1	49			long tube
GI	<b>-1</b>	1130	24.6	72	drizzle	rain	cloudy	2.1		1			21	69	0.5	63			long tube
VP	<b>-2</b>	1100			drizzle	rain	clear			1			20	68		122			secchi
CP	<b>-6.5</b>	1200	21.1	70			cloudy			1		calm	21.7	71		37			long tube
FW	<b>-7</b>	1015	25	77	drizzle	rain	overcast					calm	20	68	0.1	67			long tube
GC	<b>-8</b>	1015			rain	rain	cloudy						19	66		73			long tube
BrB	<b>-9</b>	1100	25	72	rain		cloudy	rain	rain	rain	E	small ch	25	77	-3.889	73			long tube
not read																			