

Day in the Life of the Hudson River
October 20, 2015 - Physical Data

10/20/2015 RM	NAME	Time 24 hr clock	Air Temperature ° C	Air Temp. ° F	Weather Today	Weather Last 3 days	% cloudcover	Wind MPH	kilometers per second	Wind Kts	Wind Beaufort	Wind Direction - from	water condition	Water Temperature Degrees C	Water Temperature Degrees F	Turbidity - cm (Secchi)	Turbidity - cm (long tube)	Turbidity - JTU (short tube)	Turbidity- NTU (meter)
Mohawk	Schoharie	9:00	10.5	50.9	sprinkles and light rain	40s and some snow	50				1		calm, clear	9	48.2		60		
RM 154 PI	Peebles Island	10:40	10	50	drizzles	cool and fall-like	75				4	SE	calm	11	52		93.8		
RM 153 GI	Green Island	10:23	6	41	intermittent light rain	cold, some snow and hail, sunny yesterday	75	7		6	2	S	mostly calm	10	50		26.69		
RM 152	Watervleit	10:40	12	53	some rain	windy and cool	75						calm	15	60		108.5		
RM 145	Albany Boat Basin	13:00			clear	cool							calm	13	54		120		
RM 144(AM)	Rensselear	12:30	13	55.4	foggy and wet	some rain and humid	50						calm	12.25	54			30	
RM 144(PM)	Rensselear																		
RM 138	Bethlehem	10:30	17	60	rain, cold, windy	rainy, cool			1.7 m/s		3	Jan		10	50		11		
RM 133	Schodack	10:35	7.8	46	mostly dry, two sets of sprinkles	unseasonably cool temp	>75				2		slightly choppy	10.4	50.8			3.33	
RM 124	Nutten Hook	15:30	13.5	56.3	cloudy but no rain	cool	50-75	0	0	0	0	-		12.5	54.5			15	
RM 123	Coxsackie	10:45	11	51.8	wet and humid, rain						1	SW		10	50	220			
RM 120	Four Mile	10:25	10	50	no rain	very cold	51-75	0	0	0	0	-	calm	10	50		32		
RM 118	Hudson	10:35	8	47	no rain	cool temp, some snow	>75	2.5			1		calm	13.3	55.94		92.5	40	
RM 115	Athens	10:32	13	54	cool and cloudy	cool	>75						choppy	12	55		86		
RM 112	Dutchman's Ldg	11:15	10	50	no rain, cool	light flurries, hail, freezing temps	51-75				1	SW		12	53				
RM 108	Germantown	11:00	13	55.4	no rain, overcast with gradual clearing	2 days ago very cold, yesterday snow	>75				2	S	calm	12	53.6				
RM 102	Saugerties LH	10:33	13	55	no rain	cool, fall-like	51-75				3	N	choppy	10	50		25		

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RM 100	Falling H2O	10:47	12.6	54	clear, no rain, warm and windy	no rain, Sunday unusually cold, Monday seasonal temp but still windy	51-75				3	choppy	12	54		39.6
RM 98	Tivoli Bay	10:30	12.7	55				2.3			2					22
RM 97ES	Ulster Land.	am	13	56	no rain	cold							12	54		29-40
RM 97HS	Ulster Land.	10:15	10	50			50-75				4	choppy				13.6
RM 92 Nobels	Kingston	13:30	19	66	cold, no rain	windy and cold	50-75	1.5				calm	11	51		
RM 91 RV	Port Ewen	10:47	12.8	55	became mostly sunny at 11am, then cloudy again for rest of day	windy with few snow flurries, very cold	50-75	2		1.7	1 S	calm	12	54		25
RM 87	Esopus Mead	10:27	13	55	no rain	cool	>75			6	2 S		16	60		30
RM 84.5	Norrie Point	10:19	14	57.2	no precip	very cold, snow flurries and temps down to teens	50	4.3			SE	choppy	14	57.2		34
RM 78	Quiet Cove	10:16			rainy and sunny with some snow flurries	mix of rainy and sunny, temps in the high 60s	50				2 S		17	62.6		19.5
RM 76 E (ES)	Wayras Park	11:03	12.8	55	dry	very cold and very dry	25-50				3	calm	16	60.8		35
RM 76 E (HS)	Wayras Park	10:41					25-75				2	choppy	17	60		32.3
RM 76 W	Highland Landing	9:00			no rain	cool weather but a dry season	25-50					choppy			71	33.6
RM 61.1	Riverfront Beacon	9:25	13	54.7	no rain	cold, cloudy, windy	25-50				3 SE	calm	15	59		33.2
RM 61E L.D.	Long Dock Beacon	10:05	14	57.2	some light rain throughout	cool and fall-like, rain on and off	>75				3	choppy	15.6	60.1		42
RM 61W Newb.	Newburgh	13:00	19	66.2	no rain	cold frost at night	<25					calm	17.3	63.1		22
RM 60	Dennings Pt.	10:30	20	60	sunny	cold	<25									5.8
RM 58 South	Kowawese	9:52	12	52	no rain	below freezing, snowed	<25				4 S	choppy	14.5	58.1		70
RM 58 North	Kowawese	10:07	14	56	no rain	cold, heavy frost	25-75	2.9			3 S	choppy	14	58		15
RM 57	Cornwall	10:46	26	78.8	gentle breeze	some snow and col	25-75		10	12	3 NW		12	53.6		14.3

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RM 55	Little Stony Point	9:50	10	50	no rain	fall-like, cool	25-75				1		15.6	60				
RM 53	Garrison Ldg.	10:11	9	48	no rain	windy and cold	<25				1.5 S	calm and choppy at times	17.5	63.5				130
RM 47	Popolopen Crk.	9:10			no rain	cold	25-50				3		12	52			48.7	
Rm 45	Constitution marsh	13:00	15.56	60	no rain, warmed up during sampling	very cold weekend	25-50				1	calm	14	58	30.5			
RM 43	Peekskill	10:30	12	54	cold and overcast	rain and drizzle	<25				4	calm	18	64			42.4	
RM 41	Verplanck	11:30			cloudy, rainy	humid and wet	<25	6			3 S	calm	18.5	65.3			28.3	14
RM 39.5	George's Is	10:40	21	69	no rain	cold temps	<25	0			0.5 S		20	68			35	
RM 36	Stony Pt. Marina	10:19	12.2	54	no rain	no rain, cool	25-50					calm and cloudy	16	60.8			15.9	
RM 35 E MS	Senasqua	PM	24	75	clear	cold	<25				0 -	calm		52				
RM 35W	Bowline	9:45	20	68	overcast, cold, drizzle	humid, unseasonably warm, rain last two days	50-75	5.3				calm	10	50			27	
RM 32	Ossining	13:15	18	64	no rain	unseasonably cool, no major precip, snow flurries	<25				2 S	small wavelets	12				37	
RM 31 MS	Hook Mtn.	9:24	14	57	no rain	sunny and cold	25-50				2 W		13	55				
RM 31 (college)	Hook Mtn.	12:30	20.4	68.7	no rain	cool temps	<25						16	60.8				
RM 31	Nyack Beach	10:53	16	60	no rain, warmed during the day	no rain, warmer than usual	<25				5 N	choppy	17	63			100	
RM 28 HS	Nyack Mem. HS	9:15											12.7		20			
RM 25 E MS	Irvington	9:30	10	44	no rain	dry, average temperatures	25-50				2		10	52			25	
RM 25 E HS	Irvington	9:24		43	partly cloudy	cloudy but no rain	<25				4		11	51.8			18	
RM 25W	Piermont	9:10	12.2	54	no precip	cold, no precip	25-50	10			2 SW		5.2	41.4			11.1	
RM 23.5	Dobbs Ferry	10:30	14	57	no rain	cool	25-50	12			N		17	62.6			36.7	
RM 23	Hastings	9:30	12.2	54	part clouds but no rain	cool	25-50	10.2				calm	13	55.4			3.2	100
RM 18.5 BB	Alpine																	
RM 18 Bec	Beczak	12:23	19	67	partly cloudy, no rain	cold	25-50	12		10	3 NE	choppy	18	63			8	

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Rm 17	St. Vincent	12:05	17.8	64	no rain	cooler than average	<25		9.9	3	SW	choppy	14.5	58.1		60
HrIRM 14 ES	Inwood	10:43	15.6	60	no rain, clear	cold	<25	1.8		1	NE	calm	19	66.2		100
HrIRM 14 HS	Inwood															
RM 13	Englewood Beach	9:23	11.8	53.2	no precip, started out cloudy but cleared	cool	<25		6	4	SSE	choppy	19	66.2	21	40
HrIRM 13a	Swindler Cove															
HrIRM 13b	Sherman Cove	10:15	22.1	70.2	clouds, no rain	sunny and cold	<25	5 m/s			NW	calm	16.5	61.7	36.5	
RM 11.5	Fort Wash.	9:58	13		no rain	cold, clear, no precip	25-50	5		2	SSW	calm	11	51.8	49	
HrIRM 10	Ward's Island	11:00			clear, fall temps		<25						17	62.6	12.93	
RM 9 (HS)	Pier 125	8:31	11.7	52	clear	cold, no rain	<25				S		13	55.4	90	
RM 9 (ES)	Pier 125	10:00	13	55.4	clear, no rain	cold, no rain	<25	8			SW	calm, sometimes choppy	13	55.4	90	10
BrxRM 8	BrxRM 8	9:49	16	60.8	no rain	cool	50-75			2	S	calm	12	53.6	84.2	
RM 5	Pier i	10:08			no rain, increasing temp and wind	cool and clear	<25			1		choppy				56.5
ERM 4.5 (MS)	Hunters	10:10	13	55.4	no rain	cool	50-75	18					15	59		48
ERM 4.5 (HS)	Hunters	14:00	19	66	no rain, sunny	no rain, big temp fluctuation	<25			3	S	calm to choppy	16	61		72
ERM 4.5	Gantry	11:30	12	53			25-50	7		2	NE		18	64.4	84	
RM 4	Pier 84 -	10:30	11	51.8	clear	cool, some rain	<25	4.7		2	SW		14	57.2		47
RM 3.5	Pier 66	PM	24	75	clear	cold	<25		52	0	-	calm	11.1	52		
RM 3.2W	Hoboken	8:30														
RM 3.2E	Pier 51	9:57	13.4	56.1	some clouds, no rain	no rain	25-50	4.3		4	SW	slightly choppy	14	57.2		48
RM 2.5	Pier 45 - Waller.	11:22			rainy in the morning, some sun in the afternoon	humid, some rain	50-75					choppy	15	59		55
RM 2.5	Pier 45- PS3	10:40	13	55.4									13	56		
RM 2	Pier 40	10:55	16	60	no precip	cool	<25	11.5				calm	13	56		78.8
ERM 1E	BBC (Dumbo)	8:45	13.2	56	no rain	unseasonably cool	25-50					choppy	15.1	59.2		28
ERM 1W	LESEC	11:00			no rain	cold	25-50						16.68	62		71.6
ERM 0 (ES)	SSS	10:30			cool in the am	cool and dry	<25					choppy				244

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<i>RMR 0 (HS)</i>	SSS	3:00			warm in the pm	cool and dry	<25						choppy				274		
<i>RM-1</i>	Buttermilk Chan	1:30	22	71	sunny mild temp	cool	<25	8			1			17	59		93		
<i>RM-2</i>	Valentino Pier	9:30			no rain	cool	<25				5		calm	15	59			40	
<i>RM -4</i>	Bush Terminal	4:20	17	65	clear, no rain	no rain, cold	<25							19			70		
<i>RM -4.2 (ES)</i>	Bay Ridge	11:21	18.9	66	clear, no rain, warm and windy	no rain, unusually cold, windy	<25			9	3	E/SE		18	64				
<i>RM -4.2 (HS)</i>	Bay Ridge	2:18	18.9	66	nice, sunny	cool	<25						calm	19.8	68				
<i>JB</i>	Canarsie Pier ES																		
<i>JB</i>	Canarsie Pier MS																		
<i>RM -6</i>	Coney Island	11:15	15	59	no rain	no precip, clear to partly cloudy, cool temp	<25	5.2				E	choppy	13.6	56.5		114.7		
<i>RM -7 S</i>	Staten Island	9:30	20	68	partly cloudy, no rain	very cold	25-50				7		very choppy	12	53.6		17.1		