

Day In the Life of the Hudson River: Physical Systems
October 12, 2017

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)
	Hoosic		10	50	Sunny	Rained yesterday	0							16	61				
	Otsquago	15:35	17.3	63.1		Rained yesterday, temp dropped	<25	7				SE	calm	17				1	1
	Schoharie	13:00	20		Started cloudy. It got sunny/no clouds as the day progressed, around 2:00PM	rain yesterday, partly cloudy 2-3 days ago. Mid 60's					1.75	South	Calm	15		47			
	Niskayuna	11:00	12.5		Sunny, cold and windy, clouds moved in by 11AM	Rain yesterday, partly cloudy 2-3 days ago. Mid 60's										40			
300	Newcomb, Henderson Lak	11:17	11	52															
260	Cheney Pond, Minerva	16:00	13	55	cloudy, light rain														
230	Ice Meadows, Warrensbur	9:15	14.4	58	cloudy							North							
201	Lock 5, Schuylerville	5:45	11.5	53	Cloudy, light rain														
200	Hudson crossing park	10:00	17	61	No rain today		partly to mostly cloudy							19	60	>2			
154	Peebles Island	11:05	13.9	57	clear	rained day before	0				1	NE	Calm	18			45.7		
153	Green Island	10:20	12.8	55	none	Slightly warm fall days Mon & Tues and Wed. night rain--Today is Thursday	0				1		Calm with ripples	13.33	56			0	
152.2	Hudson Shore Park	9:43	18	64			<25				1		Calm	17	63		121		
145.5	Corning Preserve	10:00	19.7	67	Clear with a few clouds- more sun later in the day	warm and some wet	26-50	0					Calm	18	64.4		122		
145	Jennings Landing	10:00	19.7	67	Clear with a few clouds- more sun later in the day	warm and some wet	26-50				2	N	Calm				46		
144	Rensselaer Boat Launch	9:50												23.8					<5
140	Papscanee Preserve	10:50	19	66.2		Unseasonable warm, rain evening of 10-11-17	Partly cloudy, clearing thruout AM				S-SW	Calm		16			69.4		
138	Henry Hudson Park	10:00	28	83							2	South				133	53.8		
133.4	Schodack Island	10:07	18	64	1 mm rain today	has been rain	partly cloudy				1			18			104		

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123	Riverfront Park	9:55	11.1	52	Partly cloudy in the early morning, clear by 11:13	Dry except for rain the night before	partly cloudy, then clear				2 E	Calm	17.2	63	67.5		
117	Hudson Waterfront	9:10	12			Mild, no precipitation						Calm	19.75			95	
115	Cohotate Preserve	10:10	11	52	No rain today	Overcast and wet last 2 days, dry for a long time before that	mostly cloudy	0									0
108.5	Lasher Memorial Park	9:57	15	58	No rain, partly cloudy	Warm, some rain last few days	partly cloudy	4.9			2 N	Calm	18.5				60
102	Saugerties Lighthouse	11:21	20	68	no rain	bit of rain	26-50				4 N	Choppy					17.75
100.5	Falling Water	8:25	11		no precipitation	light rain last night	mostly cloudy				3	Choppy			100		
98	Tivoli Bay	11:00															70.1
97	Ulster Landing Park		15.5	60		Warm and Dry							18	65			70
92	Kingston Point	10:30		56	Clouds & wind	Rain two days prior	26-50				4 N	Choppy	20				45
87	Esopus Meadow	10:28	16	61	No rain	Very warm (mid 80s) and dry	Partly cloudy				1 NE		18				46
84.5	Norrie Point												20	68			
78	Quiet Cove	9:50	14.6	59	Cloudy	The weather for the past three days has been a mix of rain, sun, warm.	Clouds and sun				4 N		21				40
76.4	Highland Landing	11:10	18.6	65.6	Cloudy & windy then sunny	It was windy and rained at night	26-50	3.2			East-w	Choppy early calm at end	21	69.8			37
76	Waryas Park/Fallkill	10:39	19.4	65.7	Got sunnier as time advanced		76-100					white caps at beginning, settled down between 10:00-11:30	23	73			43
75.5	Waryas Park										1 to 2 N	calm	20	70			45
65	Chelsea Boat Launch	AM											19	67			
61.2	Riverfront Park	9:50	14.2	58	No rain	Rain on Monday, warmer Tuesday and Wed. mid 70s	26-50			5	2	Choppy	10				42
61	Long Dock	10:00	15			Warm and dry	overcast mostly	0.067			2		22				30-51
60.5	People's Waterfront and B	9:53	19		No rain	Hot and dry 80s	51-75					Choppy and calm at different times	21.5				17.53
60.2	Newburgh Yatch Club	13:00	18.4										22				7
60	Dennings Point	AM											19	66			
58.1	Plum Point	9:40	15.2	59.3	No rain but very	Gentle rain night before sampling, sunny before that in 70s	26-50	14.7			SW	Choppy	19	66			27.6
57	Cornwall Landing												20.6	69			
55	Little Stony Point	12:42	21	70		Warm but early fall							21.67	71			
52.5	West Point	14:15	16	61	no rain	Rain last night	clear				2 N	choppy	21.5				60
51.5	Garrison Landing	10:15	16		No rain except this AM at 6:00-6:45 AM	no unusual temperatures/weather	started mostly cloudy then be				1 N-NW	Calm, small waves--early in day	21				51
43.5	Riverfront Green	10:50	13		Cloudy, light rain	Rained within past 24 hours	30%	9					15				20 18
41	Verplanck	9:50	13	55	Rained this morning	Clear past 2 days, rain today	26-50	6			4 N	Calm	23.2	73.8			28.1
40	George's Island	10:56											14.9				72.5

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39	Stony Point/Grassy Point N	9:37	12.7	55	no rain, mostly cloudy	It has rained the evening before and this morning	mostly cl	8.2				NE	choppy	23	73.4		22.3	
38	Haverstraw Bay	9:40	15.7	59.7	Overcast, no rain	Rain	51-75	9.8		1 to 2	N	calm	20	68	27			
37	Bowline Park	9:05	12.8	55	Rain in AM. cold, windy, wet - later improved	cloudy some rain	mostly cl	5.1			NE	calm	22	72			26.1	
35	Croton Point Park	9:30	21		Clear	Cold	clear			2		calm	21		103.9 ar	52.87		
30.5	Hook Mtn. State Park	10:30	13	56	Light rain AM	Warm and rain yesterday	51-75						20.65				42	
30.4	Lower Nyack Beach	AM											20.5	69				
28	Nyack Memorial Park	9:15					overcast						19.2		37			
25.4	Piermont Pier	9:56	16.3		Cool, damp, windy, chilly	Rainy and muggy, hurricane approaching	75%	0.007			NE		17.2				35	
22	MachEachron Park	9:30	15.4				Mostly cl	3.9					16				12	
19.5	JFK Marina	9:17			Overcast, cool breezy and a bit damp in AM	A small amount of rain but warm												
19	Alpine Boat Basin	11:38	15	59	very little rain in morning but not now	very warm and dry until yesterday then rain and cooled	partly cloudy	0.002		4	South		20.4					15.17
18.3	Beczak	10:20	17	62.8	Mostly cloudy, no precipitation		mostly cloudy			1.5	NE	calm	20	68			49	7.5
17	St. Vincent's Point	12:15	21		At start was ov	warm for last 3 days, this AM a few rain periods	partly cloudy			3	NW	a little choppy but later became calm	21				Exceeded tube >60cm	
13	Englewood Boat Basin	9:32	11.7	55	A little rain in the morning	Dry and warm until yesterday, then some rain		0.006		5	SW	water very turbid, murky. Barely any water in tube before we couldn't see bottom.	22				5.567	
11.5	Fort Washington Park	9:40	15		Rain, light overnight rain until 9AM	Rainy or overcast--high 75 degrees F	>75	0.001		2	N	Choppy	20				42.3	
9	Pier 125th st	13:55	19.9	67.8	Light showers	rain	>75	7			NW	calm	16		115.24			
7.3	79th st. Boat Basin	10:45			No rain except this Am at 6:00-6:45 AM	No unusual temperatures/weather						choppy						20
6.8	Pier 1, 59th st	AM											20	68				
5.7	Hudson River Park 86, the	11:49					partly cloudy						18					
5.6	Hudson River Park Pier 84	10:30	23.3	74	Small bouts of rain	Muggy, some rain, windy	51-75		5.2		N		17.3	63.2			46.67	

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3.2	Hudson River Park Pier 45	11:00	14	57	Just sprinkling a little bit	Yesterday was warm, rainy, hot, & sunny	partly cloudy						calm	17.64	63.75		54.2		
2.9	Hudson River Park Pier 40		16.67	62	Drizzling, became sunnier towards end of sampling	Fairly warm for October, mostly sunny, rain on Monday	51-75	4--7		4--6	2		choppy	18.5	65		94		