

Day in the Life of the Hudson Harbor 10/16/18
Physical Systems

RM	NAME	Time 24 HR Clock	Air Temperature C	Air Temperature F	Weather Today	Weather Last 3 Days	% Cloud Cover	Wind MPH	Kilometers per hour	Wind Knots	Wind Beaufort	Wind Direction- from	Water Condition
		(F-32)*(.556)=C			MPH*1.609= KMPH		KMPH/1.852= Knots						
HSC 28.7	Hoosick	12:00	16	60.8	Partly cloudy and windy		25						
MHK 53	Schoharie Creek	13:13	9	48.2	No Rain, Partly/mostly cloudy in AM, mostly clear & sunny in PM	Steady rain the day before, creek is higher than years past, getting colder	50				2	South	Choppy
MHK 15	Niskayuna- Lock 7	10:14	9.952	49.9				1.6	2.574	1.39			Calm
200	Schuylerville- Lock 5	11:00	12	53.6	No rain, Partly cloudy, overcast		25	2	3.218	1.738			
154	Peebles Island- Pine Hills ES	10:00	10	50	No Rain	Rain	25	3.132	5.04	2.721		North	Calm
154	Peebles Island- Cohoes HS	10:20	14	57.2	Partly cloudy/clear		25				2	West	
153	Green Island	14:39	12	53.6	No Rain, Partly Cloudy		25	3.568	5.741	3.1	1	North	Calm
152	Hudson Shore Park Watervleit	10:19	15	59	Partly to Mostly cloudy all day	.5 inches of rain days prior to DITL	50				2		
146	Rensselaer Boat Launch	10:15	8.3	46.94		Rainy, cool temperature with rain overnight	25				2	Southwest	Slight Chop
145.5	Corning Preserve, Albany	10:00	15.01	59	Partly cloudy to mostly cloudy		75	7	11.26	6.082		North	
144.5	Rensselaer Riverfront Park	10:30	13	55.4				5	8.045	4.344	2	Southeast	
140	Papscanee Preserve, Rensselaer County												
138	Henry Hudson Park, Bethlehem	10:30	18	64.4	Brisk, cold, on and off wind		25	0.7	1.126	0.608			
133.4	Schodack Island	10:35	10	50	No Rain	10/14 Sunny, 10/15 heavy rain, 10/16 mostly sunny	25				2	West	Choppy
124.5	Nutten Hook	10:36	10	50				3	4.827	2.606			
123	Coxsackie Riverfront Park	10:30	9.452	49		Rain	25	10	16.09	8.688		North	Choppy
117.5	Athens Riverfront Park, Athens	13:30	13.34	56	Partly cloudy		20						Calm

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117	Henry Hudson Riverfront Park, Hudson	10:30	9.9	49.82	Partly cloudy	Rain earlier in the weekend and the night before event	25	11.19	18	9.719	3	East	Choppy
115	Cohotate Preserve, Athens	11:00	13.34	56			0	3	4.827	2.606		West	
108.5	Lasher Park, Germantown	10:31	12.5	54.5	No Rain	Rain, flooding chilly	25	5.5	8.85	4.778	2	Northwest	
102	Saugerties Lighthouse	11:00			No Rain, Clear	Just started to get cold	0				2	Northwest	
100.5	Falling Waters Preserve, Saugerties	8:40	6.2	43.16	No Rain, Clear	Rained yesterday, cold	0						Calm
98	Tivoli South Bay	11:17	9.452	49							2		
97	Ulster Landing Park	10:00	15.57	60									
92	Kingston Point Park	12:50	10.01	50	No Rain	Rain and misty	25				1	South	
87	Esopus Meadow, Ulster Park	10:01	14	57.2	No Rain		25				1		Calm
84.5	Norrie Point, Staatsburg												
78	Quiet Cove Park, Poughkeepsie	10:16	8.896	48	No Rain, Partly Cloudy	Rainy and mostly cloudy	25				4	West	
76.5	Marist College, Poughkeepsie	17:00	19.18	66.5	No Rain, Sunny, 10 miles visibility		0	2.2	3.54	1.911	1		Calm, besides occational wake
76	Waryas Park- Fallkill Creek, Poughkeepsie	10:06	15.8	60.44	No Rain, Mostly Cloudy		75						
61.2	Seeger Riverfront Park, Beacon	10:20	12	53.6	No Rain, Partly Cloudy	Week prior tempeartures were in the 80s Tuesday and Wednesday; Monday rain and mid 50's		24.17	38.89	21		Northwest	Choppy
61	Long Dock, Beacon	10:20	10	50				6	9.654	5.213			
60.5	Newburgh Waterfront- People's Waterfront and Boat Launch	10:15	11	51.8				7	11.26	6.082		North	
60	Dennings Point, Beacon	10:40									3		Choppy
58.1	Plum Point, New Windsor	10:00	11	51.8	No Rain		25	2.187	3.519	1.9	1		Calm

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57	Cornwall Landing	11:00	13.34	56	No Rain, Partly Cloudy	Heavy Rain, Cold	25	18	28.96	15.64	4	South	
52	South Dock, West Point	10:13	9.7	49.46	Mostly cloudy	Light rain and cooler temperatures	60	3.356	5.4	2.916			
51.5	Garrison Landing	10:05	10	50	No rain, Mostly cloudy, very cold and windy	Very Rainy	50	1	1.609	0.869	1	Southwest	Choppy
43.5	Riverfront Green, Peekskill	10:00	8	46.4	Cloudy		100	20	32.18	17.38			
41	Steamboat Dock, Verplanck	10:25	8.896	48	No Rain, Partly Cloudy	Rained on Monday	25	13	20.92	11.29	4		
40	George's Island County Park	10:30	13.75	59.5	No Rain, Partly Cloudy		25	2.8	4.505	2.433	2	South	
39	Stony Point Marina, Stony Point	9:30	10	50	No Rain	Rained on 10/15/18 less than an inch	25	14.6	23.49	12.68	3	Northwest	
38	Haverstraw Bay County Park	10:30	8.9	48.02	No Rain, Partly Cloudy	Sunday: Overcast, Monday: Rain	25	8.726	14.04	7.581	2	Northwest	Choppy
35	Croton Point Park, Croton	11:25	10	50			25				5	South	
32.5	Louis Engel Park, Ossining	10:00	9	48.2	No Rain	Rain showers over weekend and through Monday	0	17	27.35	14.77		Northwest	
30.5	Upper Nyack State Park, Beach Steps	10:40	13.34	56	No Rain	Heavy rain the past two days, seasonal temperature	25	14	22.53	12.16	4	Northeast	Choppy
30.4	Upper Nyack State Park, Lower Beach	10:30	15.57	60	No Rain, Partly Cloudy	Drizzle, humid, cloudy, cold	25				6	North	Choppy
28	Memorial Park, Nyack-Nyack ES	9:44	8.34	47			25	15	24.14	13.03	4	Northwest	
25.4	Piermont Pier, Piermont	10:19	11.5	52.7	Windy, Overcast	Rain, Overcast, Temperature Drop	75	25.61	41.2	22.25	6	Northwest	Choppy
25	Matthiessen Park, Irvington	11:40	10	50	Rain, partly cloudy		50				4	North	
23	Riverfront Park, Dobbs Ferry	10:23	8	46.4	Partly Cloudy		50	5.755	9.26	5		North	Choppy

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22	MachEachron Waterfront Park- Kinally Cove, Hastings	9:30	8.2	46.76			25	29.93	48.15	26			
19.5	JFK Marina, Yonkers	10:00			Very Windy								
19	Alpine Boat Basin, Alpine NJ- Alpine School	10:21	10	50	No Rain, Mostly Cloudy	Moderate rain over the past 3 days	75				1	North	Slightly Choppy
18.3	Sarah Lawrence College CURB: Beczak, Yonkers	12:31	17	62.6	No Rain		50				2	Northwest	
13	Englewood Boat Basin, Englewood NJ- Paterson MS	10:20	16	60.8	No Rain	Light rain Sunday into Monday	25	6.1	9.815	5.3	2	East	Calm
13	Englewood Boat Basin, Englewood NJ-Pascack Hills HS	11:00	12.2	53.96	Partly Cloudy		26						
11.5	Fort Washington Park, Manhattan	10:25	10	50	No Rain		75	5.594	9	4.86	1.5	South	
10	125th Street Pier, Manhattan- Columbia Secondary School (Diana Lennon)	13:30	13.6	56.48	Windy, Overcast	Light rain, wind, low temperature (50s)	75	2.02	3.25	1.755		Southwest	
10	125th Street Pier, Manhattan- HS of Language and Innovation (Eugene)	12:01	11.12	52			75	10	16.09	8.688	2	Northeast	Choppy
7.3	79th Street Boat Basin	14:30	13.3	55.94	Mostly cloudy		75	3.9	6.275	3.388			
5.6	Hudson River Park Pier 84	10:00	10.56	51	Partly cloudy	Light rain 3 days ago	25						
3.2	Hudson River Park Pier 45- NYC Lab HS (Price)	13:28	17	62.6	No Rain, Partly Cloudy	Rain and Cloudy	25	7.831	12.6	6.803	2	Southwest	Choppy
3.2	Hudson River Park Pier 45- PS3 (Shino)	10:54	11.12	52									
3.2	Hudson River Park Pier 45- Ellis Prep & Chelsea HS	10:31	10	52	No Rain. Cloudy and windy in the AM. Sunny and gentle breeze in the PM	Yesterday was rainy							Choppy
2.9	Hudson River Park Pier 40	10:37	11	51.8	No Rain, Partly Cloudy		25	15	24.14	13.03	4	South	Choppy

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0.5	Morris Canal Basin, New Jersey												
Hrm 14	Inwood Hill Park, Manhattan	12:20			Partly cloudy	Rain storm	25	0.067	0.108	0.058		West	
HRM 1	Randall's & Ward's Island	11:05	11.4	52.52	No Rain, partly cloudy	Rain, Partly Cloudy and 60 F	60	4.8	7.723	4.17	2		Choppy
ER 15.2	Little Bay, Fort Totten Park	10:10	11.4	52.5		Rain all day yesterday		12	19.31	10.43		South	Choppy
ER 13.5	Ferry Point Park- West Bronx Academy for the Future	10:57	11.56	52.8	No Rain, Partly Cloudy		25	12.4	19.95	10.77		Northwest	Slightly choppy
ER 13.5	Ferry Point Park- Renaissance HS	12:23	13	55.381	Partly cloudy	October 13th & 15th small amounts of rain	25	12	19.31	10.43	3	North	Calm
ER 13.5	Ferry Point Park-KIPP Academy ES	12:09	7.784	46	No Rain, Clear	rainy and windy	0				0	West	
ER 5.7	Gantry State Park, Long Island City	10:00	8.34	47			63	3.3	5.31	2.867	3	Northwest	
ER 5.6	Hunter's Point, Queens	10:05	10.5	50.9				11	17.7	9.557		North	
ER 4.9	Solar One, Manhattan	10:35	11.68	53	No Rain, Partly Cloudy		25				3		Ranged between choppy and calm
ER 1.7	Brooklyn Bridge Park East, Brooklyn (Villa)	13:00	13.3	55.94	Partly Cloudy, rain	Rain, cold front	25						
ER 1.9	South Street Seaport, Manhattan	12:30	13.79	56.8	No Rain, Partly Cloudy	Rained the day before	25						Calm
ER 2.3	Brooklyn Bridge West, Manhattan (LESEC)	10:00	13.07	55.5	No Rain, Partly Cloudy		25				4	South	Choppy
Brx 4.5	Concrete Plant Park, Bronx- Bronx Center for Science and Math (Pat)	10:10	10	50	No Rain, Partly Cloudy		25	13	20.92	11.29		Northwest	Choppy
Brx 4.0	Hunt's Point Riverside Park, Bronx	10:45	12	53.6			25	9	14.48	7.819			Calm
-1	Governor's Island Harbor	10:00	15	59	Windy, Cold		25				2		

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-2.3	Valentino Pier, Brooklyn							24	38.62	20.85			
-3.7	Bush Terminal Piers Park, Brooklyn	10:30	15.3	59.54	Partly cloudy, sunny	Rained the past week and yesterday	25	15	24.14	13.03		Southeast	
-4.5	Pier 1 Lighthouse Museum, Staten Island	10:50	10.56	51	No Rain	Rained two days ago	75	2.878	4.63	2.5	2	Northwest	
-4.7	Veterans' Memorial Pier, Brooklyn	10:55	12.4	54.32	No Rain	Rrain over the weekend and the night before. Cool	75	18.42	29.63	16	4	Southwest	
-7.1	Dubos Point Wildlife Sanctuary, Rockaways	10:30	12.3	54.14	No Rain, Partly Cloudy		25	11	17.7	9.557	6	Northeast	Choppy
-7.5	Fort Wadsworth, Staten Island	10:00	18.9	66	No Rain, Partly cloudy	Rain, wind the day before (10/15), below average temperature	25	4	6.436	3.475	2	Varied	Calm
-9.1	Steeplechase Pier, Coney Island Pier	11:10	16.3	61.34	No Rain, Partly Cloudy	10/13-10/14 cool and cloudy, 10/15 Rain	25	7.827	12.59	6.8	3	Northwest	Calm