

Day in the life of the Hudson Harbor 10/22/19

Turbidity

Day in the Life of the Hudson River and Harbor: Turbidity							
October 22nd, 2019							
RM	NAME	Time 24 HR Clock	Turbidity- cm (Secchi)	Turbidity- cm (long tube)	Turbidity- JTU (short tube)	Turbidity- NTU (meter)	Notes
HSC 28.7	Hoosick	NR					
MHK 53	Schoharie Creek	8:34		60			
MHK 15	Niskayuna- Lock 7	11:16		18			
200	Schuylerville- Lock 5	13:00	47	NR			
154	Peebles Island- Cohoes HS	10:00		34			
152	Hudson Shore Park Watervleit- North Colonie	11:54		32			
146	Rensselaer Boat Launch	NR		NR			
145.5	Corning Preserve, Albany	11:59		54			
140	Papscaenee Preserve, Rensselaer County	11:00		28			
138	Henry Hudson Park, Bethlehem	12:00		32			
133.4	Schodack Island	9:59	59				very murky
132.5	Hannacroix Creek Preserve	11:30		28			Yellow from the side of tube.
124.5	Nutten Hook			26			Average
123	Coxsackie Riverfront Park	11:10		31			
117	Henry Hudson Riverfront Park, Hudson- Chatham HS + Taconic Hills HS	9:08	380	27			
117	Henry Hudson Riverfront Park, Hudson- Montgomery ES	1:15		36			
108.5	Lasher Park, Germantown	12:00		19			
100.5	Falling Waters Preserve, Saugerties	NR					
98	Tivoli South Bay	12:17		97			
97	Ulster Landing Park- Mill Road ES	12:00		34			

Day in the life of the Hudson Harbor 10/22/19

Turbidity

97	Ulster Landing Park- Kingston HS	NR					
92	Kingston Point Park- Robert Graves ES	11:00					recorded as clear up to 2 ft. so converted to 61 cms
92	Kingston Point Park- Kingston YMCA	NR					
90.5	George Freer Memorial Park, Port Ewen	12:30		67			
87	Esopus Meadow, Ulster Park	10:22		49			
84.5	Norrie Point, Staatsburg- Millbrook HS	14:17		95			
84.5	Norrie Point, Staatsburg- Poughkeepsie HS	NR					
78	Quiet Cove Park, Poughkeepsie	12:10		51			>51 cm
65	Chelsea Boat Launch	12:45		62			Cloudy with some tiny particles
61.2	Seeger Riverfront Park, Beacon	10:50		37			
61	Long Dock, Beacon	11:54		39			
60.5	Newburgh Waterfront- People's Waterfront and Boat Launch	12:30		57			
60.1	Beacon Dock (Clearwater)	15:35		61			
60	Dennings Point, Beacon	10:30		75			
58.1	Plum Point, New Windsor	10:57		55			
57	Cornwall Landing	11:09		30			
52	South Dock, West Point	11:30				13.7	Water appeared quite turbid, especially near low tide
51.5	Garrison Landing						
43.5	Riverfront Green, Peekskill						
41	Steamboat Dock, Verplanck	11:03				24	high turbidity, silty
38	Haverstraw Bay County Park	11:16		15			Brown, Murky, cloudy water
35	Croton Point Park, Croton- Croton Harmon High School	12:30	57	46			Probe: 5.3 FNU
35	Croton Point Park, Croton (Mother's Lap)- Fox Meadow ES	NR					
32.5	Louis Engel Park, Ossining	11:30		24			
30.4	Upper Nyack State Park, Lower Beach	10:30			37		

Day in the life of the Hudson Harbor 10/22/19

Turbidity

28.5	Kingsland Point Park, Tarrytown						
28	Memorial Park, Nyack- Nyack ES	12:17		51			
28	Memorial Park, Nyack- Nyack HS	NR					
25.4	Piermont Pier, Piermont	12:10	82	58			
25	Matthiessen Park, Irvington	12:15		24			
23	Riverfront Park, Dobbs Ferry	NR					
22	MachEachron Waterfront Park- Kinally Cove, Hastings	13:30		46	20		
19	Alpine Boat Basin, Alpine NJ- Alpine School	AM	63				
19	Alpine Boat Basin, Englewood NJ- Pascack Hills HS	10:00				187	Turbidimeter
18.3	Sarah Lawrence College CURB: Beczak, Yonkers	10:55		57		6	
13.7	Francis Lewis Park	11:00		41			
13	Englewood Boat Basin, Englewood NJ- Paterson MS	10:45		38			
12.75	Inwood Hill Park, Manhattan	11:00		49			Water is very cloudy, yellow and green.
11.5	Fort Washington Park, Manhattan	11:00		76			
10	125th Street Pier, Manhattan- Columbia Secondary School (Diana Lennon)	14:00	152		1.5		Water was very green and cloudy
10	125th Street Pier, Manhattan- HS of Language and Innovation (Baylander)	11:05		23			Very turbid. The water is in between brown and green.
6.8	Pier I, 59th Street, Manhattan	11:50				44	Top: 44 NTUs, Bottom: 38 NTUs
6.1	Pier 96, Manhattan	11:30		62			
5.6	Hudson River Park Pier 84	13:00	70				Light green, brown, and yellow. Pretty clear with some debris
4.4	Pier 62 Chelsea, Manhattan	11:29		45			
3.2	Hudson River Park Pier 45- NYC Lab HS (Price)	13:08		64			

Day in the life of the Hudson Harbor 10/22/19

Turbidity

3.2	Hudson River Park Pier 45- Morton MS(Shino)	NR					
2.9	Hudson River Park Pier 40	11:44	131				
0.5	Morris Canal Basin, New Jersey	9:18		45			
HRM 1	Randall's & Ward's Island	11:00		25			The water is a brownish color with low visibility
ER 15.2	Little Bay, Fort Totten Park	NR					
ER 13.7	Francis Lewis Park	11:00		41			
ER 5.7	Pier 1 Gantry State Park, Long Island City	10:00	42				
ER 5.6	Pier 4 Gantry State Park, Long Island City	12:00		88			
ER 1.7	Brooklyn Bridge Park East, Brooklyn (Brooklyn Friends)	10:00		82			
ER 1.7	Brooklyn Bridge Park East, Brooklyn (Sunset Park HS)	12:00	57	95			
ER 1.7	Brooklyn Bridge Park East, Brooklyn (BBPC + MS915)	11:45		84		16	Turbidity got lower as the day progressed. Students speculated incoming tide or addition of freshwater rain may have influence this.
Er 2.3	Brooklyn Bridge West, Manhattan (Waterfront Alliance)	NR					
ER 2.3	Brooklyn Bridge West, Manhattan (LESEC)	12:43		59			a bit foggy, plankton swimming
ER 2.3	Brooklyn Bridge West, Manhattan (Leman Manhattan Prep- Livingston)	14:00		61			
Brx 4.5	Concrete Plant Park, Bronx- Pelham Prep (Zach)	12:00		112			
Brx 4.5	Concrete Plant Park, Bronx- Bronx Center for Science and Math (Pat)	11:27	43				
Brx 4.0	Hunt's Point Riverside Park, Bronx	11:30		37			
-1	Governor's Island Harbor	11:00			104		
-2.3	Valentino Pier, Brooklyn	11:00		87			
-4.1	Austen House, Staten Island	10:18		56			

Day in the life of the Hudson Harbor 10/22/19

Turbidity

-4.5	Pier 1 Lighthouse Museum, Staten Island	10:35	160				Dark green
-5.3	Canarsie Pier-Pathways to Graduation (Vattamala)						dark blue green
-5.3	Canarsie Pier- International HS of Lafayette	12:11		35			
-7	Fort Wadsworth, Staten Island	11:50		22			
-8	Gerritsen Creek, Brooklyn	12:11		76			
-8.6	Kaiser Park, Brooklyn	NR					
-9.1	Steeplechase Pier, Coney Island Pier	11:05		121			
-11.2	Great Kills Park, Staten Island	11:35		23			Brown, Muddy