

Day in the Life of the Hudson River and Harbor: Currents								
October 22nd, 2019								
RM	NAME	Time 24 HR Clock	Cm/30 Seconds	Cm/Second	Knots (cm/sec)/51.4	North or South	Ebb/Flood/Still	Notes
HSC 28.7	Hoosick	NR						
MHK 53	Schoharie Creek	9:18		81.800	1.591			this is flow due to gravity
MHK 15	Niskayuna- Lock 7	NR						
200	Schuylerville- Lock 5	13:00		30.480	0.593	South	Ebb	
154	Peebles Island- Cohoes HS	10:00		27.400	0.533	South	Ebb	
152	Hudson Shore Park Watervleit- North Colonie	12:05		25.500	0.496	South	Ebb	
146	Rensselaer Boat Launch	10:10		32.500	0.632	South		
145.5	Corning Preserve, Albany	12:41		14.600	0.284	South	Ebb	
140	Papscaenee Preserve, Rensselaer County	11:00		15.240	0.296	South	Ebb	
138	Henry Hudson Park, Bethlehem	11:55		2.800	0.054	South	Ebb	
133.4	Schodack Island	11:40	63.00	2.100	0.041	South	Ebb	
132.5	Hannacroix Creek Preserve	12:56		4.600	0.089	South	Ebb	
124.5	Nutten Hook	NR						
123	Coxsackie Riverfront Park	NR			0.000			
117	Henry Hudson Riverfront Park, Hudson- Chatham HS + Taconic Hills HS	12:33		54.000	1.051	South	Ebb	
117	Henry Hudson Riverfront Park, Hudson- Montgomery ES	NR			0.000			
108.5	Lasher Park, Germantown	11:50	210.00	7.000	0.136	South	Ebb	
100.5	Falling Waters Preserve, Saugerties	NR						
98	Tivoli South Bay	11:00		48.300	0.940	South	Ebb	
97	Ulster Landing Park- Mill Road ES	NR						
97	Ulster Landing Park- Kingston HS	12:00				South	Ebb	
92	Kingston Point Park- Robert Graves ES	NR						
92	Kingston Point Park- Kingston YMCA	15:40					Still	They are in a cove

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90.5	George Freer Memorial Park, Port Ewen	11:20		3.000	0.058	South	Ebb	
87	Esopus Meadow, Ulster Park	11:20				South	Ebb	
84.5	Norrie Point, Staatsburg- Millbrook HS	NR						
84.5	Norrie Point, Staatsburg- Poughkeepsie HS	NR						
78	Quiet Cove Park, Poughkeepsie	12:11	1000cm/37 secs	27.000	0.525	South	Ebb	
65	Chelsea Boat Launch	10:00		8.860	0.172	North	Flood	
61.2	Seeger Riverfront Park, Beacon	12:01		1.500	0.029	South	Ebb	There is large riprap that extends further than the students could throw the orange
61	Beacon Riverfront Park	11:54		10.280	0.200			
60.5	Newburgh Waterfront- People's Waterfront and Boat Launch	12:30		20.560	0.400			
60.1	Beacon Dock (Clearwater)	14:28				South	Ebb	
60	Dennings Point, Beacon	10:30		6.000	0.117	South	Ebb	
58.1	Plum Point, New Windsor	11:27	270.00	9.000	0.175	South	Ebb	In a cove.
57	Cornwall Landing	12:46				North	Flood	
52	South Dock, West Point	NR						
51.5	Garrison Landing	10:53	96.00	3.200	0.062	South	Ebb	
43.5	Riverfront Green, Peekskill	NR						
41	Steamboat Dock, Verplanck	11:43	65.00	2.167	0.042			
38	Haverstraw Bay County Park	11:20		1.000	0.019	South	Ebb	
35	Croton Point Park, Croton- Croton Harmon High School	NR						
35	Croton Point Park, Croton (Mother's Lap)- Fox Meadow ES	NR						
32.5	Louis Engel Park, Ossining	NR						
30.4	Upper Nyack State Park, Lower Beach	10:45	124.00	4.133	0.080	North	Flood	
28.5	Kingsland Point Park, Tarrytown	11:00				South	Ebb	
28	Memorial Park, Nyack- Nyack ES	12:17				North	Flood	
28	Memorial Park, Nyack- Nyack HS	NR						
25.4	Piermont Pier, Piermont	12:15		26.650	0.518	North	Flood	
25	Matthiessen Park, Irvington	10:45	752.00	25.067	0.488	South	Ebb	
23	Riverfront Park, Dobbs Ferry	NR						
22	MachEachron Waterfront Park- Kinally Cove, Hastings	13:30		33.410	0.650	North	Flood	

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19	Alpine Boat Basin, Alpine NJ- Alpine School	9:50		43.478	0.846			
19	Alpine Boat Basin, Englewood NJ- Pascack Hills HS	10:00	853.44	28.448	0.553	South	Ebb	
18.3	Sarah Lawrence College CURB: Beczak, Yonkers	11:00		6.096	0.119	South	Ebb	
13	Englewood Boat Basin, Englewood NJ- Paterson MS	10:55	381.00	12.700	0.247	South	Ebb	
12.75	Inwood Hill Park, Manhattan	11:20		5.200	0.101	South	Ebb	LT was 10:38 AM - could still be ebbing in the current
11.5	Fort Washington Park, Manhattan	11:00		1.770	0.034	North	Flood	
10	125th Street Pier, Manhattan- Columbia Secondary School (Diana Lennon)	13:30		36.000	0.700	North	Flood	
10	125th Street Pier, Manhattan- HS of Language and Innovation (Baylander)	NR						
6.8	Pier I, 59th Street, Manhattan	12:05		29.000	0.564	South	Ebb	Phenomena: on a rising tide the current is ebbing because of the lag and drag being along the edges
6.1	Pier 96, Manhattan	NR						
5.6	Hudson River Park Pier 84	NR						
4.4	Pier 62 Chelsea, Manhattan	11:18		73.000	1.420	South	Ebb	Seems fast
3.2	Hudson River Park Pier 45- NYC Lab HS (Price)	13:12			0.000		slack	
3.2	Hudson River Park Pier 45- Morton MS(Shino)	NR						
2.9	Hudson River Park Pier 40	11:54		35.000	0.681	South	Ebb	
0.5	Morris Canal Basin, New Jersey	NR						
HRM 1	Randall's & Ward's Island	12:10	374.90	12.497	0.243	North	Flood	
ER 15.2	Little Bay, Fort Totten Park	NR						
ER 13.7	Francis Lewis Park	NR						
ER 5.7	Pier 1 Gantry State Park, Long Island City	10:00		5.000	0.097			

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ER 5.6	Pier 4 Gantry State Park, Long Island City	NR						
ER 1.7	Brooklyn Bridge Park East, Brooklyn (Brooklyn Friends)	NR						
ER 1.7	Brooklyn Bridge Park East, Brooklyn (Sunset Park HS)	15:00		16.800	0.327	North	Flood	
ER 1.7	Brooklyn Bridge Park East, Brooklyn (BBPC + MS915)	NR			0.000			
ER 2.3	Brooklyn Bridge Park West, Manhattan (Waterfront Alliance)	10:44	45.00	1.500	0.029	South	Ebb	
ER 2.3	Brooklyn Bridge West, Manhattan (LESEC)	NR						
ER 2.3	Brooklyn Bridge West, Manhattan (Leman Manhattan Prep- Livingston)	10:00		13.800	0.268			
Brx 4.5	Concrete Plant Park, Bronx- Pelham Prep (Zach)	NR						
Brx 4.5	Concrete Plant Park, Bronx- Bronx Center for Science and Math (Pat)	NR						
Brx 4.0	Hunt's Point Riverside Park, Bronx	NR						
-1	Governor's Island Harbor	11:00		71.960	1.400	North	Flood	
-2.3	Valentino Pier, Brooklyn	NR						Isolated cove affected current test
-4.1	Austen House, Staten Island	NR						
-4.5	Pier 1 Lighthouse Museum, Staten Island	12:12	167.00	5.567	0.108	North	Flood	Wrote Ebb but should be flood...
-5.3	Canarsie Pier- Pathways to Graduation (Vattamala)	NR						
-5.3	Canarsie Pier- International HS of Lafayette	NR		6.168	0.120	South	Ebb	In Jamaica Bay which impacts the flow of water
-7	Fort Wadsworth, Staten Island	11:52	228.00	7.600	0.148	North	Flood	
-8	Gerritsen Creek, Brooklyn	NR	NR					
-8.6	Kaiser Park, Brooklyn	NR	NR					
-9.1	Steeplechase Pier, Coney Island Pier	NR	NR					
-11.2	Great Kills Park, Staten Island	12:00				North	Flood	