

Day in the Life of the Hudson Harbor 10/16/18  
Standardized Salinity Data

Day in the Life of the Hudson River and Harbor: Standardized Salinity						
October 16th, 2018						
RM	NAME	Time 24 HR Clock	Quantab Reading	Chloride ppm	Total Salinity ppm	Method (Hydrometer, Refractometer, Chloride Tabs, Meter, High Range or Low Range Quantabs)
HSC 28.7	Hoosick	13:30	2.0	Below Detection		Low Range Quantabs
MHK 53	Schoharie Creek	9:15	0.6	Below Detection		Low Range Quantabs
MHK 15	Niskayuna- Lock 7	10:40	1.0 -1.2	Below Detection		Low Range Quantabs
200	Schuylerville- Lock 5	12:00	0.8	Below Detection		Low Range Quantabs
154	Peebles Island- Pine Hills	12:00	1.2	Below Detection		Low Range Quantabs
153	Green Island	14:15	1.2	Below Detection		Low Range Quantabs
152	Hudson Shore Park Watervleit	11:30	3.8	123	222	Low Range Quantabs
146	Rensselaer Boat Launch	10:00	1.2	Below Detection		Low Range Quantabs
145.5	Corning Preserve, Albany	12:15	1.4	Below Detection		Low Range Quantabs
144.5	Rensselaer Riverfront Park	11:30	1.2	Below Detection		Low Range Quantabs
140	Papscanee Preserve, Rensselaer County	12:15	1.4	Below Detection		Low Range Quantabs
138	Henry Hudson Park, Bethlehem	11:15	1.2	Below Detection		Low Range Quantabs
133.4	Schodack Island	10:15	1.2	Below Detection		Low Range Quantabs
124.5	Nutten Hook	8:30	1.4	Below Detection		Low Range Quantabs
123	Coxsackie Riverfront Park	10:30	1.4	Below Detection		Low Range Quantabs
117.5	Athens Riverfront Park, Athens	14:30	1.4	Below Detection		Low Range Quantabs
117	Henry Hudson Riverfront Park, Hudson	10:00	1.4	Below Detection		Low Range Quantabs
115	Cohotate Preserve, Athens	12:00	1.6	Below Detection		Low Range Quantabs
108.5	Lasher Park, Germantown	11:45	1.4	Below Detection		Low Range Quantabs
102	Saugerties Lighthouse	11:15	1.4	Below Detection		Low Range Quantabs
100.5	Falling Waters Preserve, Saugerties	8:10	1.4	Below Detection		Low Range Quantabs
98	Tivoli South Bay	11:00	1.6	Below Detection		Low Range Quantabs
97	Ulster Landing Park	10:15	1.2	Below Detection		Low Range Quantabs
92	Kingston Point Park	11:15	1.2	Below Detection		Low Range Quantabs
87	Esopus Meadow, Ulster Park	12:30	1.4	Below Detection		Low Range Quantabs
84.5	Norrie Point, Staatsburg	9:15	1.4	Below Detection		Low Range Quantabs
78	Quiet Cove Park, Poughkeepsie	13:15	1.2-1.4	Below Detection		Low Range Quantabs
76.5	Marist College, Poughkeepsie	17:30	1.4	Below Detection		Low Range Quantabs
76	Waryas Park- Fallkill Creek, Poughkeepsie	12:00	2.0	Below Detection		Low Range Quantabs
65	Chelsea Boat Launch	10:15	1.6	Below Detection		Low Range Quantabs
61.2	Seeger Riverfront Park, Beacon	12:30	1.8	Below Detection		Low Range Quantabs
61	Long Dock, Beacon	10:30	1.6	Below Detection		Low Range Quantabs
60.5	Newburgh Waterfront- People's Waterfront and Boat Launch	13:00	1.8	Below Detection		Low Range Quantabs
60	Dennings Point, Beacon	12:00	1.6	Below Detection		Low Range Quantabs
58.1	Plum Point, New Windsor	11:30	1.6	Below Detection		Low Range Quantabs
57	Cornwall Landing	NR	1.6	Below Detection		Low Range Quantabs
52.5	South Dock, West Point		not collected	NA		Low Range Quantabs
51.5	Garrison Landing	10:15	1.6	Below Detection		Low Range Quantabs
43.5	Riverfront Green, Peekskill	12:15	4.8	196	354	Low Range Quantabs
41	Steamboat Dock, Verplanck	11:00	1.6	Below Detection		Low Range Quantabs
40	George's Island County Park	13:00	1.8	Below Detection		Low Range Quantabs
39	Stony Point Marina, Stony Point	9:45	1.8	Below Detection		Low Range Quantabs

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38	Haverstraw Bay County Park	11:00	2.8	62	112	Low Range Quantabs
35	Croton Point Park, Croton	12:00	2.4-2.6	41-51 avg 46	83	Low Range Quantabs
32.5	Louis Engel Park, Ossining	10:00	2.0-2.2	30	54	Low Range Quantabs
30.5	Upper Nyack State Park, Beach Steps	13:15	3.0-3.2	74-86 avg 79	143	Low Range Quantabs
30.4	Upper Nyack State Park, Lower Beach	9:15	2.4-2.6	41-51 avg 46	83	Low Range Quantabs
28	Memorial Park, Nyack- Nyack	10:45	3.0	74	134	Low Range Quantabs
25.4	Piermont Pier, Piermont	13:00	3.0	74	134	Low Range Quantabs
25	Matthiessen Park, Irvington	10:15	3.0	74	134	Low Range Quantabs
23	Riverfront Park, Dobbs Ferry	13:45	3.6	110	199	Low Range Quantabs
22	MachEachron Waterfront Park-Kinally Cove, Hastings	9:30	4.8	196	354	Low Range Quantabs
19.5	JFK Marina, Yonkers	10:00	7.0	431	779	Low Range Quantabs
19	Alpine Boat Basin, Alpine NJ	9:15	7.0	431	779	Low Range Quantabs
18.3	Sarah Lawrence College CURB: Beczak, Yonkers	11:45	7.4	495	894	Low Range Quantabs
13	Englewood Boat Basin, Englewood NJ	10:30			4000	Refractometer
11.5	Fort Washington Park, Manhattan	13:15			5000	Refractometer
10	125th Street Pier, Manhattan	10:00			5000	Refractometer
10	125th Street Pier, Manhattan	14:15			4000	Refractometer
7.3	90-95th.Street Clearwater/mid channel	~14:30			3000	Refractometer
7.3	79th Street Boat Basin	16:15			8000	Refractometer
6.8	Pier I, 59th Street, Manhattan	10:45			5000	Refractometer
5.6	Hudson River Park Pier 84	10:30			7000	Refractometer
3.2	Hudson River Park Pier 45	14:00			6000	Refractometer
2.9	Hudson River Park Pier 40	12:00			7000	Refractometer
0.5	Morris Canal Basin, New Jersey	12:00			9000	Refractometer
Hrm 14	Inwood Hill Park, Manhattan	12:15			4000	Refractometer
HRM 1	Randall's & Ward's Island	10:15			12000	Refractometer
ER 5.7	Gantry State Park, Long Island City	12:00			20000	Refractometer
ER 5.6	Hunter's Point, Queens	13:30			17000	Refractometer
ER 4.9	Solar One, Manhattan	11:00			20000	Refractometer
ER 2.3	Brooklyn Bridge Park East, Brooklyn (Villa)	1:30-2:30			23000	Refractometer
ER 1.9	South Street Seaport, Manhattan	13:00			15000	Refractometer
ER 1.7	Brooklyn Bridge West, Manhattan (LESEC)	9:45			20000	Refractometer
Brx 4.5	Concrete Plant Park, Bronx	11:30			7500	Refractometer
Brx 4.0	Hunt's Point Riverside Park, Bronx	NR			8500	Refractometer
-1	Govenor's Island Harbor	10:00			20000	Refractometer
-2.3	Valentino Pier, Brooklyn	13:30			17000	Refractometer
-3.7	Bush Terminal Piers Park, Brooklyn	10:00			17000	Refractometer
-4.5	Pier 1 Lighthouse Museum, Staten Island	12:45			15000	Refractometer
-4.7	Veterans' Memorial Pier, Brooklyn	10:45			15000	Refractometer
-5.3	Canarsie Pier	12:45			27000	Refractometer
-7.1	Dubos Point Wildlife Sanctuary, Rockaways	12:30			27000	Refractometer
-7.5	Fort Wadsworth, Staten Island	12:30			18000	Refractometer
-8.5	Kaiser Park, Brooklyn	10:30			22000	Refractometer
-9.1	Steeplechase Pier, Coney Island Pier	10:45			26000	Refractometer