

Day in the Life of the Hudson River  
Student Salinity 10/12/17

RM	NAME	Salinity times	Total Salinity ppm	Salinity ppm -Cl-	notes for Salinity -	method H/R/QT
	Otsquago	15:35	58	32		LR Quantab 1.4
200	Hudson crossing park	10:00	58	32		Quantabs
154	Peebles Island	9:45	67	37		quantab strips
153	Green Island	12:00	below instrument detection			Hydrometer
145.5	Corning Preserve	12:17	99	55		Quantab 2.2
145	Jennings Landing	11:15	below instrument detection			LR quantab 1.2
144	Rensselaer Boat Launch	9:50	67	37		Quantabs
140	Papscanee Preserve	10:45	below instrument detection			LR quantabs
138	Henry Hudson Park	10:00	58	32		Quantabs
133.4	Schodack Island	11:00	61	34		LR quantab
123	Riverfront Park	9:53	62	34.5		LR quantab
117	Hudson Waterfront	9:15	58	32		Quantab 1.4
115	Cohotate Preserve		below instrument detection			probe
108.5	Lasher Memorial Park	9:38	below instrument detection	<32		Quantabs
102	Saugerties Lighthouse	11:02	81	45		Quantabs
100.5	Falling Water	8:30	69	38		Titration strips
98	Tivoli Bay	11:00	207		Seems pretty high	351.2 uS/Conductivity meter
92	Kingston Point	13:15	58	32		Quantab 1.005-1.4
84.5	Norrie Point		69	38		Quantab 1.6
78	Quiet Cove	10:55	58	32		Quantab 1.4
76.4	Highland Landing	10:45	354	196		Drop Count kit chloride
76	Waryas Park/Falkill	10:30	123	68	Using Vernir probes they got 279.8 us/cm	Low range quantab 2.6
75.5	Waryas Park	12:30	123	68		Low range quantab 2.2
65	Chelsea Boat Launch	AM	199	110		Quantab
61.2	Riverfront Park	12:30	1080	598		HR quantab
61	Long Dock	13:00	1888	1045		HR quantab 5
60.5	People's Waterfront and Boat Launch	12:36	1483	821		LR quantab 4.4
60.2	Newburgh Yatch Club	13:00	2150			Vernier salinity probe
58.1	Plum Point	10:00	1483	821		HR quantab 4.4
57	Cornwall Landing		4000			hydrometer
55	Little Stony Point	12:42	4000			
52.5	West Point	14:20	3500		3.5psu=3.5ppt	
51.5	Garrison Landing	9:36	3306	1830		HR quantab 6.4
43.5	Riverfront Green	11:00	923.1	511		HR quantab
41	Verplanck	10:30	7300			YSI SCT meter
40	George's Island	10:02	6500			Hydrometer

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39	Stony Point/Grassy Point Marina	9:18	5598	3099		HR quantab 7.6
38	Haverstraw Bay	9:57	6832	3782		HR quantab
35	Croton Point Park	9:30	9802	5426		HR quantab
30.5	Hook Mtn. State Park	10:05	8505	4708		HR quantab 8.4
30.4	Lower Nyack Beach	AM	9587	5307		Quantab
28	Nyack Memorial Park	9:15	6171	3416		Quantab 7.8
25.4	Piermont Pier	10:00	13000			Refractometer
22	MachEachron Park	9:30	14000			Hydrometer
19	Alpine Boat Basin	11:15	16000			refractometer
18.3	Beczak	10:27	18000			Hydrometer
17	St. Vincent's Point	12:00	15000			Refractometer
13	Englewood Boat Basin	9:33	20000			Refractometer
11.5	Fort Washington Park	9:40	22000			Refractometer
9	Pier 125th st	13:36	20000			Hydrometer
7.3	79th st. Boat Basin	10:30	18000			Hydrometer
6.8	Pier I, 59th st	AM	21000			Hydrometer
5.7	Hudson River Park 86, the Intrepid	AM	25600			Hydrometer
5.6	Hudson River Park Pier 84	10:45	21600			Hydrometer
3.2	Hudson River Park Pier 45	11:00	20000			Hydrometer
2.9	Hudson River Park Pier 40	9:42	21400			Plastic Hydrometer
0.5	Morris Canal Basin	11:38	25000			Hydrometer
Hrm 14	Inwood Hill Park	12:30	20000			Hydrometer
Hrm 13	Swindler Cove	10:58	25500			Hydrometer
ER 15.2	Little Bay	11:06	36000			Hydrometer
ER 13.7	Frances Lewis Park	10:34	30000			Hydrometer
ER 13.5	Ferry Point Park	11:20	24000			Hydrometer
ER 5.7	Gantry Plaza	AM	28000			Hydrometer
ER 5.6	Hunters Point	10:15	23000			Hydrometer
ER 4.9	Solar One		24500			Hydrometer
ER 2.3	Brooklyn Bridge Park	10:01	21670			Vernier Meter
ER 1.9	Lower East Side Ecology Center	9:20	24000			Refractometer
Brx 4.5	Concrete Plant		13200			
Brx 4.0	Hunts Point	11:43	20000			Refractometer
-1	Govenor's Island	11:30	25000			Refractometer
-2	Valentino Pier	15:30	26000			Hydrometer
-4	Bush Terminal Park	9:00	34000			NR
-4.1	Austen House	10:31	27700			Hydrometer
-5	Bay Ridge Veterans' Memorial Pier	11:29	29500			Hydrometer
-7	Fort Wadsworth	10:50	27000			Hydrometer
-9.1	Coney Island Pier	12:08	30750			Hydrometer