

Day in the Life of the Hudson River  
 October 20, 2015 Student Salinity

Sample Date	RM	Site Sampling ID	NAME	Salinity times	Total Salinity ppm	Salinity ppm - Cl-	notes for Salinity -	method H/R/QT
10/20/15	RM 153 GI	96	Green Island	10:25	54	30		LR quantab
10/20/15	RM 152	93	Watervleit	10:49	51	28		LR quantab
10/20/15	RM 145	91	Albany Boat Basin	13:14	Below Detection		Below Detection	LR quantab
10/20/15	RM 138	90	Bethlehem	10:36	150			
10/20/15	RM 133	89	Schodack	11:25	216			meter
10/20/15	RM 123	87	Coxsackie	10:45	78	43		LR quantab
10/20/15	RM 120	86	Four Mile	10:44	69	38	note: recorded "total salinity" not "Cl-"	LR quantab
10/20/15	RM 118	84	Hudson	10:46	69	38		LR quantab
10/20/15	RM 108	80	Germantown	10:40	51	28	Below Detection	LR quantab
10/20/15	RM 100	78	Falling H2O	11:57	61	34		titration strip
10/20/15	RM 98	77	Tivoli Bay		82	45		LR quantabs
10/20/15	RM 97HS	75	Ulster Land.		65	36		LR quantab
10/20/15	RM 91 RV	73	Port Ewen	11:00	58	32		LR quantab
10/20/15	RM 84.5	70	Norrie Point	11:00	83	46		LR quantab
10/20/15	RM 76 E (ES)	66	Wayras Park	11:05	56	31		LR quantab
10/20/15	RM 76 E (HS)	66	Wayras Park	10:38	74	41		titration strip
10/20/15	RM 61.1	65	Riverfront Beacon	11:00	777	430		LR quantab
10/20/15	RM 61E L.D.	64	Long Dock Beacon	10:30	293	162	note: falling tide	LR quantab
10/20/15	RM 61W Newb.	63	Newburgh	13:00	296			5
10/20/15	RM 58 South	60	Kowawese	10:29	164	91		LR quantab
10/20/15	RM 57	59	Cornwall	10:07	629	348		
10/20/15	RM 53	56	Garrison Ldg.	10:39	1219	675		HR quantab
10/20/15	Rm 45	57	Constitution marsh	13:30	4,000			refractomete
10/20/15	RM 43	54	Peekskill	Am	10,847	6004		HR quantab
10/20/15	RM 41	53	Verplanck	10:30	4200			YSI SCT
10/20/15	RM 36	51	Stony Pt. Marina	12:10	3904	2161		HR quantab
10/20/15	RM 35W	50	Bowline	9:45	4648	2573		HR quantab
10/20/15	RM 32	48	Ossining	10:21	8500			hydrometer
10/20/15	RM 31	45	Nyack Beach	11:28	4080	2258		HR quantab
10/20/15	RM 28 HS	43	Nyack Mem. HS	9:15	6460		surface sample	meter
10/20/15	RM 25 E MS	38	Irvington	11:00	9000			hydrometer
10/20/15	RM 25 E HS	38	Irvington	10:24	7000			meter
10/20/15	RM 25W	40	Piermont	10:45	10000			refractomete
	RM 25W	40	Piermont	10:45	8500			meter
10/20/15	RM 23.5	63	Dobbs Ferry	10:45	10600			refractomete
10/20/15	RM 23	97	Hastings	13:30	11000			hydrometer
	RM 23	97	Hastings	13:30	10000			refractomete
10/20/15	RM 18 Bec	35	Beczak	12:29	9600			hydrometer
10/20/15	Rm 17	34	St. Vincent	12:34	10,000			refractomete
10/20/15	HrIRM 14 ES	20	Inwood	11:44	14000			refractomete

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10/20/15	RM 13	33	Englewood Beach	11:00	15000			
10/20/15	HrIRM 13b	19	Sherman Cove	12:30	16100			
10/20/15	RM 11.5	32	Fort Wash.	11:00	18000			refractomete
	RM 11.5	32	Fort Wash.	11:00	17000			hydrometer
10/20/15	HrIRM 10	18	Ward's Island	11:50	22000			refractomete
10/20/15	RM 9 (ES)	30	Pier 125	10:00	14000			
10/20/15	BrxRM 8	17	BrxRM 8	10:32	9300			Hydrometer
10/20/15	RM 5	29	Pier i	11:00	10000		surface	refractomete
	RM 5	29	Pier i	11:00	14000		depth	refractomete
10/20/15	ERM 4.5 (MS)	13	Hunters	10:45	24000			hydrometer
10/20/15	ERM 4.5 (HS)	13	Hunters	14:00	25900			hydrometer
10/20/15	ERM 4.5	296	Gantry		25,000			hydrometer
10/20/15	RM 4	27	Pier 84 -	10:30	18,000			hydrometer
10/20/15	RM 3.2E	24	Pier 51	10:05	28000		temp 15 C	hydrometer
10/20/15	RM 2.5	22	Pier 45 - Waller.	11:39	14,000			hydrometer
10/20/15	RM 2.5	22	Pier 45- PS3	10:40	22000			hydrometer
10/20/15	RM 2	21	Pier 40	11:20	26000			hydrometer
10/20/15	ERM 1E	12	BBC (Dumbo)	8:45	17,300			vernier mete
10/20/15	ERM 1W	294	LESEC	11:00	26,400			refractomete
10/20/15	ERM 0 (ES)	10	SSS	10:30	24,000			hydrometer
10/20/15	RMR 0 (HS)	10	SSS	15:00	21,000			hydrometer
10/20/15	RM-1	9	Buttermilk Chan	13:30	29,000			refractomete
10/20/15	RM -4	6	Bush Terminal	16:15	23,000			
10/20/15	RM -4.2 (ES)	4	Bay Ridge	11:15	25,500			hydrometer
10/20/15	RM -4.2 (HS)	4	Bay Ridge	14:30	24000			hydrometer
10/20/15	RM -6	3	Coney Island	11:00	30,000			hydrometer
10/20/15	RM -7 S	1	Staten Island	11:10	4220			hydrometer