

A Day in the Life of the Hudson Salinity 10/8/09

RM Site Time	RM for graphing	Salinity (ppm) averages for graphing	Each Salinity reading per site (ppm)	Salinity Technique	Comments - quantabs recorded as Total Salinity NOT Chloride
RM 153					
10:15 AM	153	48.75	48.75	Quantabs	
10:45 AM			48.75		
11:15 AM			48.75		
11:30 AM			48.75		
RM 144					
8:30-10:30 AM	144	30	30	Quantabs	
RM 138					
10:30 AM	138	123.3	123.3	Quantabs	
RM 127					
4:00 PM	127	35	35	Quantabs	
RM 115					
10:15 AM	115	35.33	28		
11:00 AM			40		
11:45 AM			38		
Rm 103					
10:45 AM	103	20	20	Quantabs	
RM 96.5					
12:00 PM	96.5	42	43	drop count	
12:00 PM			41.25	Quantabs	
RM 92					
	92	35	35	Quantabs	
Rm 87					
1:40 PM	87	41.25	41.25	Quantabs	
RM 84.5					
10:00 AM	84.5	0.10	0.1	Drop Count	
RM 76 CM					
10:15	76	75	75	Quantabs	
RM 76 WP					
10:15 AM	76	38	35	Quantabs	
11:00 AM			44		
11:15 AM			35		
RM 61 E					
2:00 AM	61	35.15	26.3		
2:30 PM			44	Quantabs	
RM 61W					
2:30 PM	61	41.5	41.5	quantabs	
Rm 58					
10:30 AM	58	76.5	76.5	quantabs	
RM 57					
11:00 AM	57	84.5	55	quantabs	
11:50 AM			101		
12:00 PM			91		

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12:40 PM			91		
<i>Rm 55</i>					
10:56 AM	55	66	66	quantabs	
RM 53					
9:30 AM	53	77.92	41.25	quantabs	
10:30 AM			57.5		
11:30 AM			135		
<i>Rm 41</i>					
11:25 AM	41	2150	2300	meter	
12:15 PM			2000		
RM 31.1 NM					
				conductivity meter converted	
9:30 AM	31.1	5185	5130		
10:30 AM			5260		
RM 31					
10:45 AM	31	3500	3500	test strip	
RM 30.5					
10:10 AM	30.5	3300	3300	hydrometer	
RM28					
1:00 PM	28	5500	5500	meter	
RM 25E					
10:20AM	25	9000	5000		
11:00 AM			8000		
11:40			5000		
RM 25W					
9:30 AM	25.1	6600	6600	hydrometer	
10:30AM			6600	hydrometer	
11:30AM			6600	hydrometer	
12:30PM			6600	hydrometer	
1:15 PM			6600	hydrometer	
9:30 AM		7000	7000	refractometer	
10:30AM			7000	refractometer	
11:30AM			7000	refractometer	
12:30PM			7000	refractometer	
1:15 PM			7000	refractometer	
RM 18.5					
8:30 AM	18.5	9000	10000	hydrometer	
9:30 AM			9000	refractometer	
9:55 AM			9000	refractometer	
10:00 AM			9000	refractometer	
<i>Rm 18.5 boat</i>					
10:45 AM	18.5	6500	6000	hydrometer	
11:30 AM			6000		
1:50 PM			7050		
2:08 AM			7500		

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2:50 AM			7000		
RM 18					
9:35 AM	18	6500	6500	hydrometer	
10:20 AM			6500		
10:40 AM			6000		
11:20 AM			6500		
Harlem 14					
11:30 AM	14	7700	7700	YSI	
RM 13					
10:45 AM	13	12000	12000	hydrometer	
Harlem RM 13a SC					
10:00 AM	11.5	13600	13500		
11:00 AM			13500		
12:00 PM			13600		
2:00 PM			13700		
5:20 PM			11000		
RM 11.5					
11:39 AM	11.5	11100	11100	hydrometer	
Harlem RM 10					
10:25 AM	10	12663	14480	hydrometer	
10:40 AM			13700		
10:55 AM			11890		
11:10 AM			10580		
RM 5.5b					
12:00 PM	5.5b	18000	18000	hydrometer	
RM 5.5					
9:00 AM	5.5	16500	15000		
11:00 AM			18000	hydrometer	
RM 4.1 Intrepid					
11:40 AM	4.1	17200	16600	hydrometer	
12:00 PM			18000	hydrometer	
RM 2.5 CS_NYCSWCD					
9:15 AM	2.5	14800	13500	hydrometer	
1:40 PM			16100		
RM 2.5 CS_Wallerstein					
11:00 AM	2.5	13000	13000	hydrometer	
11:30 PM			13100		
RM 2 RP					
10:30-11:20 AM	2	16750	16750	hydrometer	
RM 2 HS					
12:00 PM	2	18000	18300	hydrometer	
Bronx RM 8 HP					
11:25 AM	8	18000	21300	hydrometer	
11:45 PM			15000	hydrometer	
East RM 8 BP					
11:30 AM	8	27000	26000	hydrometer	
			27000		
			28000		
East RM 4.5 GP					
10:30 AM	4.5	22000	22000	hydrometer	

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<i>East RM4 SO</i>					
9:30-10:30 AM	4	21000	21000	hydrometer/re fractometer	
<i>East RM 1W</i>					
11:25 AM	1	24500	25000	hydrometer	
11:46 AM			24000		
<i>East RM4 GP</i>					
12:03 PM	4.1	27000	29000	hydrometer	
			30000	hydrometer	
<i>East RM 0.75 LGH</i>					
11:25 AM	0.75	22000	22000	refractometer	
<i>East RM 0.5 SS</i>					
11:00 AM	0	24000	24000	refractometer	
<i>RM -11 BP</i>					
12:22 PM	-11	32600	32600	hydrometer	