

Day in the Life of the Hudson River

10/4/12

Student Salinity Data

RM Site	TIME	READING AS PPM TOTAL SALINITY	READINGS AS PPM CHLORIDE (Cl-)	MEASUREMENT TECHNIQUE *denotes below instrument detection	Notes
RM 153 GI	11:00	17.5	10	Meter	
RM 152 WV	10:00-12:45	54	30	Quantabs	average 3 readings
RM 127	15:45	61	34	Quantabs	
RM 123	9:45-13:15	52	29	Quantabs	average of 3 reading
RM 118	9:30-13:15	87	48.4	Quantabs	average of readings
RM 115	AM	79	44	Quantabs	
RM 108	11:00	51	28	Quantabs	
RM 97	9:45	51	28	Quantabs	
RM 90	12:00	51	28	Quantab	1.2 on container
RM 84.5		51	28	Quantab	reported as 1.2g/ml expect it is 1.2 on the titrator
RM 61.1E		170	94		average of 5 readings
RM 61 E	13:30	117	65	Quantabs	
RM 61W	13:30	89	49	Quantabs	
RM 60	10:00-13:00	233	129	Quantabs	
RM 58 - PP	14:00	173	96	Quantabs	
RM 57	11:00	1200	664	meter	
RM 55	10:00	472	261	drop count test lot	
RM 53	11:00	308	170.5	Quantabs	3.8 on the quantab
RM 43	9:18 AM	1960	1085	meter	
RM 41	10:30-noon	2400	1328	meter	average of 3 reading
RM 35E (BOCES)		2565	1420	Quantab	2 readings
RM 35W	10:45	4200	2325	Hydrometer	
RM 32	9:15	5800	3211	Hydrometer	
RM 31 BRS	11:00	4330	2397	Quantabs	avg. of 3 readings
RM 31 NMS	btn 9-10 AM	2012	1114	Quantabs	4.8 strip reading
RM 25 E	9:30-11:00	8,000	4428	meter	avg. readings
RM 25W	9:30-13:00	8,000	4428	Hydrometer	avg. of 5 readings
RM 23	11:00	3,523	1950	Quantabs	
RM 18.5 BB	10:45	12000	6642	Hydrometer	
RM 18 Bec	10:30-11:45	9,000	4982	Hydrometer	avg. 6 readings
RM 18 SB	noon	9,000	4982	Hydrometer	avg. 4 readings
RM 17	11:30	10,000	5535	Refractometer	
RM 13 Hrl Sw	10:00	14,000	7750	Hydrometer	
RM 11.5 FW	11-12:30 PM	14,600	8082	Hydrometer	Average 5 readings
RM 6 CW	AM	10,000	5535	Hydrometer	from AM sail
RM 4.1	11-11:30	14,000	7750	Hydrometer	
RM 4	11:15-12:00	15,500	8580	Hydrometer & refractome	average of readings
RM 2.5	11-11:30	18,600	10296	Hydrometer	avg. of 5 readings
RM 2	11:00	16,000	8857	Hydrometer	
RM ER 1E	10-noon	25,500	14115	Hydrometer	time noted as range
RM ER 1W	10:30	23,000	12731	Hydrometer	
Gov Island	11:30	23,000	12731	Hydrometer	
RM -2 VP	10:45	22,000	12178	Hydrometer	avg. of 3 readings
RM -7 FW	10:00-11:30	28,300	15665	Hydrometer	avg. of 6 readings
*JB-CP-HS	12:30	23,000	12731	Hydrometer	
*JB - GC	10:15-11:45	23,250	12870	Hydrometer	avg. of 4 readings

NOTES: Recorded as conductivity - 56 mS/cm is per seawater

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RM -9 BB

11:11

meter

reading -50mS/cm

NOTES: Following Sites Not Read

RM 300

RM 200

RM 145

RM 144

RM 138

RM 133

RM 102

RM 92

RM 87

RM 79

RM 78

RM 76 MHCM

RM 76 POK DS

RM 14 Hrl Inw

RM 13 Hrl Sh

RM 10 Hrl WI

RM 5