

Day in the Life of the Hudson River
Chemistry 10/10/13

RM	NAME	Time 24 Hour Clock	DO ppm	Water Temp °C	% Saturation	pH	Nitrates ppm	Phosphates ppm	Alkalinity ppm	Comment
RM 300	ADK	7:30	7.92	12.8	70	6.5				Headwaters
RM 200	Schuylerville	11:15	9	17	80	7.4				above the dam
Mohawk	Schoharie	13:00	9.1	13	85	5				riffle section
RM 154 PI	Peebles Island	9:15	13	15	126	8				
RM 153b GI	Green Island	10:15	14	15	138	8				
RM 152	Watervleit	9:45	11	15	110	7.5				
RM 145	Albany Boat Basin	11:00	10	17	100	7.5				
RM 144	Rensselaer	10:00	9.3	15.3	101.5	6.8	0.4	0.1	132.5	
RM 138	Bethlehem	11:00	8	16	85	6.2				
RM 133	Schodack	11:00	8	15.55	90	7.5	0.83			
RM 127	Stuyvesant	15:45	9	17	90	8.7	trace	2	68	
RM 118	Hudson	10:00	8.1	17	90	8.11				
RM 115	Athens	10:15	8.3	16	86	7.25				
RM 108	Germantown	9:45	16	13	140	7.5	5	1.5		
RM 102	Saugerties LH	11:15	8	17	85	8				
RM 97	Ulster Land.	9:30	9.4	14.5	91	8	0.55	4.8	98	phosphates avg of 2
RM 92 Nobels	Kingston	9:45	0	16	n/a	8	0	1		DO equip. problem
RM 90 RV	Port Ewen	10:00	8	16	82	7.7				
RM 87 AM	Esopus Mead	10:15	11	18	115	7.5				
RM 87 PM	Esopus Mead	16:15	10	17	100					
RM 85	Mills Manor	10:15	8.6	17.6	90	8.3				
RM 84.5	Norrie Point	10:15	8	20	87	7.1				
RM 78	Quiet Cove	9:45	<4	16	37	8				
RM 76 POK DS	Wayras Park	11:00	3	16	35	7.5				
RM 76W BSP	Highland Landing	10:15	9.2	16	90	7.1	0.3	0.2		
RM 61.1 VC	Riverfront Beacon	11:15	7	16	70	7.5	0			
RM 61E L.D.	Long Dock Beacon	10:45	8	21	95	7.6				
RM 61W	Newburgh	14:00	5	19	60	7.5				
RM 60	Dennings Pt.	AM	7			7				
RM 58 BD	Kowawese	10:00				6.5				
RM 58 VG	Kowawese	12:15	8	20	70	8				
RM 57	Cornwall	11:15				7.25				
RM 55	Little Stony Point	10:00	8	14	85	8				
RM 43	Peekskill	11:45	6.3	19.5	67	7.5				H2O temps in weather section are 17°C - was sample left out?
RM 41	Verplanck	10:15	8	21.7	87	8	1.1	0.55	80	
RM 39.5	George's Is	10:00	7	22	65	8				
RM 35 E MS	Croton MS	AM	6				0.25		0.25	
RM35E BOCES	Croton BOCES	10:30				8	0	0		
RM 35W	Bowline	9:30	8.2	21	90	8				
RM 32	Ossining	10:30	6	20	70	7				
RM 31 BRS	Hook Mtn.	11:15	8	16	85	7.25				

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RM 30.5	Kingsland Park	10:30	2	17		6.7	5	1.33		
RM 28 UNES	Nyack Mem. UNES	9:45		14.8		6.9				
RM 28 HS	Nyack Mem. HS	9:30	6.5	17.2		7.7	4.4	0		
RM 25 E HS	Irvington	9:30	4	16.1	40	7	0.4	0.1		DO drop count, others chemettes
RM 25 E MS	Irvington	9:00	4	11	35	6.75				tablets for D.O.
RM 25W	Piermont	9:45	7	15.5	68	7	0	0.22	82	
RM 23	Hastings	13:30	8	16	80	6.5	2	1.25		
RM 18.5 BB	Alpine	11:15				6.5				
RM 18 Bec	Beczak	11:00	5	20	50	6.5				
RM 14 Hrl Inw	Inwood	10:15	4			6				
RM 13 Hrl Sw	Swindler	11:30	4	15	35	7.5				
RM 13 Hrl Sh	Sherman Cove	19:00	0	19.8	0	7	5			
RM 11.5	Fort Wash.	13:00	9	17	93	8				
RM 5 Speyer	Riverside	10:30	8	13	75	7.4				
RM 4 Pier 84 A	Pier 84 - AM	11:15	4.6	21	50	7.1				
RM 4 Pier 84 P	Pier 84 - PM	12:20	3.3	15	29	7				
RM 2.5 Wall	Pier 45 - Waller.	12:00	6.6	14		7				
RM 2.5 PS3	Pier 45- PS3	9:30	6	16		7				
Rm 2	Pier 40	11:00	5.1	10	45	6.25				
RM ER 1E	BBC	16:30	4	18.5	40	6.33				tablets for D.O.
RM ER 1W	LESEC	10:00	9	15	87					
RM-1	Buttermilk Chan	11:30	7	17	70	7				
JB -RM -8 GC	Gerritsen Creek/ Jamaica Bay	10:30	4	14	35	7				tablets for D.O.
RM -10 Wolf P	Staten Island	10:15	8	15	80	6				
Harlem River										
Bronx River										
East River										
Mohawk River										