

Day in the Life of the Hudson River  
10/4/12 - Currents

Site ID	RM Site Time	Time	cm/sec	Knots cm/sec/50	Direction	EBB	STILL	FLOOD	Comments
	300	600							rushing/flow not current
	200	1100	33.3	0.65	S				Flow not current
	153	1030	0.03	0.0005	S			F	Top of estuary
	152	1000	19	0.37	S	E			
	145	1230	1.7		S	E			
	138	1030	9						average of 4
	133	1115	14.5	0.29	S	E			average of 2
	127	1530	16.4	0.32	N			F	main current
	123	1030			S	E			
	118	1100	11.5	0.22	S	E			average of 15 (times 930-1
	115	1000	2.9	0.06	S	E			average of 5 (times 900-12
	108	1015			S	E			*switch to F between 1100
	102	1045	0.3		S	E			
	97	900	6.8	0.13	S	E			average of 3
	92	930	0	0					site is out of main channel
	90	1230	3.6	0.07	S	E			
	79	1000	0.002				S		average of 3 (9:30-10:30)
	78	1030	3.6				S		by 1115 shifts to flood
MHCM	76	1100					S		by 1145 shift to flood
PCS	76	1045					S		
	61.1	1115	3	0.05					average of 5 (1000-1200)
East	61	1140						F	(1015-1045 Ebb)
West	61	1300						F	
	60	1200						F	over sampling period 1100
	58	945	1.7		N	E			
	57	945						F	1045 Ebb/waves
	55	930	3.8	0.074	N			F	
	53	1100	4.8		N			F	average of 3 1100-1230 (1
	43	1015					S		
BR	31	1045	1.6	0.032	S	E			average of 4 1045-1330
E	30.5	1000				E			1000-1100
E	25	1030	1.9		N			F	1045 found Ebb
W	25	915	0.55	0.0107	N			F	flood full sampling period
	23	1030	0.83	0.0162	N			F	flood until 1230 turned stil
	18.5	1030	25		N			F	
Becz	18	1030			N			F	1030-1130
SB	18	1200			N			F	1200-1300

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	17	1145	16.4		N			F	
HarSC	13a	930	19.2			E			average 4 - Harlem river cu
	11.5	1200	1.4		N			F	LT 6:06 AM
	6	900	27.7	0.54	N			F	
	4	1145					S		
	2	1100	39.6		N			F	
ER	4.5	1030	3.7			E			Average of 4 from 1030-11
GI	-1	1130		1 to 2	N			F	
CP	-6.5	1130			E			F	flows East here
FW	-7	945	12.8		E			F	flows East here
BrB	-9	1100	2		N			F	9:30 ebbing shift to floodir

NOTE: RM 153 is the top of the estuary the highest RM where we have currents. Above this the Hudson is a river flowing N to S

**Those RM not listed were not read**