

**Snapshot Day 10/2/07
Currents**

RM Site Time	Cm/min	cm/sec	N/S	Knots cm/sec/50	Ebb/Flood /Still	Comments
<i>RM 300</i>						steep area
9:45 AM	5700	95	South	114	Ebb	shallow area
	660	11	South	13.2	Ebb	
<i>RM 145</i>						
10:58 AM	601.8	10.03	South	0.2	Ebb	
11:26 AM	780.6	13.01	South	0.26	Ebb	
11:46 AM	543	9.05	South	0.18	Ebb	
12:04 PM	451.2	7.52	South	0.15	Ebb	
12:23 PM	259.8	4.33	South	0.09	Ebb	
<i>RM 133</i>						
10:25 AM					Ebb	
<i>Rm 127</i>						
3:28 PM					Flood	
4:01 PM					Flood	
4:25 PM					Flood	
<i>RM 115</i>						
10:25 AM					Ebb	
iRM 112						
11:10 AM					Ebb	
<i>RM 103</i>						
?? But sampled 10:30-12:30					Ebb	
<i>RM 96.5</i>						
9:00AM	20.5	0.341	South	0.41	Ebb	
<i>RM 92</i>						
10:21 am					Flood	
<i>RM 87</i>						
10:00 AM			Sout		Ebb	
11:00 AM			South		Ebb	
12:00 PM			South		Ebb	
<i>RM 85</i>						

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Not recorded since off main channel						
<i>RM 78</i>						
9:52 AM					Ebb	
<i>Rm 76</i>						
<i>Not recorded</i>						
<i>RM 61 E</i>						
10:00 AM					Ebb	
10:50 AM					Ebb	
11:36 AM					Flood	
12:38 PM					Flood	
1:20 PM					Flood	
1:58 PM					Flood	
<i>RM 61 W</i>						
1:38 PM-2:45 PM	30.8 ft.		North		Flood	
<i>RM 58</i>						
Not Recorded						
<i>RM 55</i>						
Not recorded						
<i>Rm 41</i>						
not recorded						
<i>RM 32</i>						
12:01 PM					Ebb	"The water is buggin'!": When we measured the tide levels it was increasing in height...BUT when we did the orange test they were all moving downriver.
12:31 PM				Ebb		
1:05 PM				Ebb		
1:35 PM				Ebb		
RM 28						
not recorded						
RM 25E						

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						Flood tide close to shore; hard to get to main channel
<i>RM 25 W</i>						
10:30 AM	2194	36.58	North	0.73	Flood	
11:02 AM	2479	41.32	North	0.83	Flood	
11:23 AM	3124.2	52.07	North	1.04	Flood	
11:39 AM	2829.6	47.16	North	0.94	Flood	
12:30 PM	2672.1	44.54	North	0.89	Flood	
1:00 PM	2540	42.33	North	0.85	Flood	
1:20 PM	3286.8	54.78	North	1.1	Flood	
<i>Rm 18.5</i>						
10:55 AM					Flood	
<i>RM 18</i>						
9:45 AM	500	8.34	North	0.1668	Ebb	
11:00 AM	333.34	5.56	North	0.1112	Ebb	
<i>Harlem 14</i>						
	450	7.5	South	0.15	Flood	This site is on the Harlem River so currents can be conflicting with sections of the Hudson
<i>Harlem 13</i>						
11:42 AM					Ebb	Felt is should be flood
<i>RM 13</i>						
10:00 AM		6.3	North	0.126	Flood	
<i>RM 7 BB</i>						
11:15 AM	254		North		Flood	
1:20 PM	763		North (south wind)			
<i>RM 5.5</i>						
<i>RM 4 P84</i>						
10:11 AM	15.9		North	0.318	Flood	
11:10 AM	292		North	5.84	Flood	
11:35 AM	50		North	1	Flood	
<i>East RM4</i>						
10:30 AM			South			current taken in a cove area - may not be representative

**Snapshot Day 10/2/07
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<i>East RM1E</i>						
9:30 AM				Southeast		
11:00 AM				North		
1:30 PM				North or South		
2:30 PM				North		
<i>East RM 1W</i>						
10:15 AM	854	14.23			Flood	
10:15 AM	206	3.43				
<i>East RM0.5 SS</i>					Flood tide	
<i>East RM4 GP</i>						
10:42 AM					Flood time	
<i>RM -7 FW</i>					Flood	
<i>RM -11</i>						
	470				Ebb	
	600				Ebb	
	500				nr	