

**Snapshot Day 10/14/10
Currents**

RM Site Time	Cm/min	cm/sec	N/S	Knots cm/sec/50	Ebb/Flood /Still	Comments
<i>RM 200</i>						
9:30 AM	6000	100	South			this is above the dam/flows downriver only
<i>RM 153</i>						
10:40 AM	31	0.52	S	0.01	Ebb	<ul style="list-style-type: none"> • we noticed that there was an area further out in the river that was moving faster • current is large because of dam
<i>RM 133</i>						
10:15 AM	302	5.03	S	0.097	Ebb	
10:45 AM	312	5.2	S	0.101	Ebb	
<i>Rm 127</i>						
3:40 AM			N		Flood	Beach is set back from the direct current of the river. There is an outcrop of land 1/8 mi south of our sampling location; may cause a swirling current.
4:10 AM			N		Flood	
<i>RM 115</i>						
9:45 AM			S		Ebb	
10:24 AM	400	6.67	S	0.13	Ebb	
11:15 AM	40	0.5	S	0.01	Still	
<i>iRM 105</i>						
10:30 AM			S		Ebb	
11:20 AM			S		Ebb	
12:50 PM			S		Ebb	
<i>RM 102</i>						
12:24 PM	150	2.5	S	0.05	Ebb	
12:28 PM	0	0			Still	
12:20 PM	270	4.5	N	0.09	Flood	
1:32 PM	30	0.5	S	0.01	Ebb	
<i>RM 96.5</i>						
9:25 AM	393	6.5	N	0.12	Ebb	Ebb but windy
9:40 AM	393	6.5	N	0.12	Ebb	Ebb but windy

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<i>RM 87</i>						
10:00 AM			N		Ebb	
11:00 AM			S		Ebb	
12:00 PM			S		Ebb	
1:00 AM			S		Ebb	
<i>RM 85</i>						
10:00 AM					Still	1m/15sec
10:45 AM			S		Ebb	3m/57 sec
11:50 AM					Stll	4.6 m/135 sec
<i>RM 78</i>						
10:05 AM		21.05	S		Ebb	20m/95 secs
<i>Rm 76 MHCM</i>						
10:00 AM	400	6.6	S	0.13	Ebb	
11:00 AM	100	1.7	S	0.03	Ebb	
12:30 PM			N		Flood	
2:00 AM	800	13.3	N	0.26	Flood	
<i>RM 76 WP</i>						
10:30 AM	1980	33	S		Ebb	
11:10 AM	1424	23.73	S		Ebb	
12:20 PM	1170	19.5	S		Ebb	
12:45 PM	15	0.25			Almost still	
<i>RM 61 E</i>						
11:15 AM			N		Flood	
1:00 PM			N		Flood	
<i>RM 58</i>						
AM						very little - water very quiet and still
<i>RM 57</i>						
10:45 AM			N		Flood	
11:00 AM			N		Flood	
11:30 AM			Still		Still	
12:00 PM			S		Ebb	
<i>RM 53</i>						
9:15 AM	126	2.1	S	0.04	Ebb	
10:15 AM	150	2.5	S	0.05	Ebb	
11:10 AM	270	4.5	S	0.09	Ebb	
11:52 AM					Still	

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12:07 PM					Still	
<i>Rm 39.5</i>						
10:48 AM			N		flood	
11:30 AM			N		flood	
12:00 PM			N		flood	
12:50 PM			N		flood	
1:42 AM			N		flood	
<i>RM 35</i>						
8:47 AM			S	0.04	Ebb	
9:23 AM			S	0.12	Ebb	
11:20 AM			N	0.168	Flood	
<i>RM 32</i>						
11:01 AM			N		Flood	
11:15 AM			N		Flood	
11:30 AM			N		Flood	
11:45 AM			N		Flood	
<i>RM 31 BRS</i>						
10:20 AM	0	0	S	0	Still	
11:15 AM	282	4.7	N	0.08	Flood	
11:55 AM	38	0.6	N	0.01	Flood	
1:10 PM	450	7.5	N	0.145	Flood	
<i>RM 31 NMS</i>						
11:17 AM	200	3.33	N	0.06	Flood	
11:19 AM	331	5.51	N	0.1	Flood	
<i>RM 28</i>						
10:31 AM			N		Flood	The wide river makes it hard to get the orange into the middle. Also there is a cement structure not from the shore that could affect the correct
12:05 PM			N		Flood	
<i>RM 25 W</i>						
9:26 AM	666	11.1	S			
10:03 AM	803	13.4	S		Ebb	
10:29 AM	343	5.7	S			
10:40 AM						
10:58 AM	520		N		Flood	

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11:25 AM	2164	36.1	N			
12:30 PM	3190	53.1	N			
1:02 PM	3300	55	N			
1:14 PM						
1:34 PM	2850	47.5	N			
<i>Rm 18.5 Alpine</i>						
11:00 AM		83.3	S			boats in the boatyard might impact current
<i>RM 18.5 CW</i>						
9:36 AM		29.63				1067 cm/36 secs
1:35 PM		31	N		Flood	
2:35 PM		53.66				966 cm/18 sec
<i>RM 18</i>						
9:40 AM					Still	
9:47 AM					Still	
10:06 AM					Still	
10:27 AM			N		Flood	
10:45 AM			N		Flood	
10:57 AM			N		Flood	
11:14 AM			N		Flood	
11:25 AM			N		Flood	
4:10 PM	340.36	5.67	N	0.11	Flood	
<i>RM 13</i>						
11:30 AM		13.6	N		Flood	
12:25 PM		30	N		Flood	
<i>RM 4.1</i>						
12:15 PM			N		Flood	
<i>RM 4</i>						
10:47 AM			S		Ebb	too fast to measure
11:17 AM			S		Ebb	
<i>RM -7</i>						
10:08 AM	1260	210	SW		Ebb*	*reported as flood but should be ebb
10:20 AM	1304	217			Ebb*	
10:51 AM	970	162			Ebb*	
11:09 AM	1000	8.3			Still	

**Snapshot Day 10/14/10
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11:12 AM	460	7.7			Still	
11:14 AM	860	14.3				
11:40 AM					Slack	
<i>RM -11</i>						
						This is inside the Rockaway Inlet - current flowing West would pull the water out into the NY Bight where it would be moving up the HR as a flood tide.
11:26 AM	300	5 W		0.097	Ebb	
11:46 AM	600	10 W		0.195	Ebb	