



THE BATTERY, New York, 2012

Times and Heights of High and Low Waters

January					February					March													
Time		Height			Time		Height			Time		Height			Time		Height						
h	m	ft	cm	h	m	ft	cm	h	m	ft	cm	h	m	ft	cm	h	m	ft	cm				
1	01:48 AM	4.1	125	16	01:12 AM	4.7	143	1	02:30 AM	3.9	119	16	03:01 AM	4.7	143	1	01:29 AM	4.0	122	16	03:45 AM	4.7	143
Su	08:14 AM	0.9	27	M	07:52 AM	0.2	6	W	09:28 AM	0.9	27	Th	09:49 AM	0.1	3	Th	08:44 AM	1.0	30	F	10:29 AM	0.2	6
	02:01 PM	3.8	116		01:26 PM	4.2	128		03:06 PM	3.4	104		03:36 PM	3.9	119		02:22 PM	3.4	104		04:25 PM	4.2	128
	08:25 PM	0.5	15		08:12 PM	-0.1	-3		09:23 PM	0.8	24		10:03 PM	0.1	3		08:35 PM	1.0	30		10:48 PM	0.4	12
2	02:36 AM	4.0	122	17	02:11 AM	4.7	143	2	03:26 AM	3.9	119	17	04:11 AM	4.7	143	2	02:23 AM	4.0	122	17	04:53 AM	4.7	143
M	09:13 AM	0.8	24	Tu	09:02 AM	0.1	3	Th	10:21 AM	0.7	21	F	10:47 AM	-0.1	-3	F	09:42 AM	0.9	27	Sa	11:27 AM	0.1	3
	02:54 PM	3.6	110		02:32 PM	4.0	122		04:08 PM	3.4	104		04:46 PM	4.1	125		03:22 PM	3.5	107		05:32 PM	4.3	131
	09:17 PM	0.5	15		09:17 PM	-0.1	-3		10:16 PM	0.6	18		11:01 PM	-0.1	-3		09:39 PM	0.9	27		11:46 PM	0.2	6
3	03:28 AM	4.1	125	18	03:16 AM	4.8	146	3	04:27 AM	4.1	125	18	05:16 AM	4.9	149	3	03:28 AM	4.1	125	18	05:57 AM	4.7	143
Tu	10:06 AM	0.7	21	W	10:05 AM	0.0	0	F	11:10 AM	0.5	15	Sa	11:41 AM	-0.3	-9	Sa	10:34 AM	0.7	21	Su	12:19 PM	0.0	0
	03:52 PM	3.5	107		03:44 PM	3.9	119		05:06 PM	3.5	107		05:48 PM	4.3	131		04:24 PM	3.7	113		06:30 PM	4.5	137
	10:05 PM	0.5	15		10:17 PM	-0.2	-6		11:05 PM	0.4	12		11:55 PM	-0.2	-6		10:34 PM	0.6	18				
4	04:21 AM	4.2	128	19	04:24 AM	4.9	149	4	05:21 AM	4.3	131	19	06:12 AM	5.0	152	4	04:34 AM	4.3	131	19	12:39 AM	0.1	3
W	10:56 AM	0.5	15	Th	11:04 AM	-0.3	-9	Sa	11:57 AM	0.2	6	Su	12:32 PM	-0.5	-15	Su	11:22 AM	0.4	12	M	06:52 AM	4.8	146
	04:49 PM	3.6	110		04:56 PM	4.0	122		05:56 PM	3.8	116		06:39 PM	4.5	137		05:19 PM	4.0	122		01:07 PM	-0.2	-6
	10:52 PM	0.4	12		11:14 PM	-0.4	-12		11:54 PM	0.2	6						11:26 PM	0.3	9		07:20 PM	4.8	146
5	05:12 AM	4.3	131	20	05:28 AM	5.1	155	5	06:07 AM	4.6	140	20	12:47 AM	-0.4	-12	5	05:29 AM	4.6	140	20	01:29 AM	0.0	0
Th	11:43 AM	0.3	9	F	11:59 AM	-0.5	-15	Su	12:42 PM	-0.1	-3	M	06:59 AM	5.1	155	M	12:08 PM	0.0	0	Tu	07:39 AM	4.9	149
	05:41 PM	3.7	113		05:58 PM	4.2	128		06:40 PM	4.1	125		01:19 PM	-0.6	-18		06:06 PM	4.4	134		08:03 PM	5.0	152
	11:37 PM	0.3	9									07:25 PM	4.7	143									
6	05:58 AM	4.5	137	21	12:09 AM	-0.5	-15	6	12:41 AM	-0.1	-3	21	01:36 AM	-0.4	-12	6	12:16 AM	-0.1	-3	21	02:15 AM	-0.2	-6
F	12:28 PM	0.1	3	Sa	06:24 AM	5.3	162	M	06:48 AM	4.9	149	W	07:43 AM	5.2	158	Tu	06:17 AM	4.9	149	W	08:21 AM	5.0	152
	06:27 PM	3.8	116		12:52 PM	-0.7	-21		07:19 PM	4.4	134		02:03 PM	-0.6	-18		12:53 PM	-0.3	-9		02:34 PM	-0.3	-9
					06:53 PM	4.4	134					08:07 PM	4.8	146		06:48 PM	4.8	146		08:42 PM	5.1	155	
7	12:22 AM	0.1	3	22	01:02 AM	-0.6	-18	7	01:28 AM	-0.4	-12	22	02:21 AM	-0.5	-15	7	01:05 AM	-0.4	-12	22	03:00 AM	-0.2	-6
Sa	06:37 AM	4.7	143	Su	07:14 AM	5.4	165	Tu	07:26 AM	5.1	155	W	02:45 PM	-0.6	-18	W	07:00 AM	5.2	158	Th	09:00 AM	4.9	149
	01:13 PM	-0.1	-3		01:42 PM	-0.8	-24		02:09 PM	-0.6	-18		02:45 PM	-0.6	-18		01:37 PM	-0.6	-18		03:13 PM	-0.2	-6
	07:08 PM	4.0	122		07:42 PM	4.6	140		07:57 PM	4.6	140		08:48 PM	4.9	149		07:29 PM	5.2	158		09:19 PM	5.1	155
8	01:07 AM	-0.1	-3	23	01:53 AM	-0.7	-21	8	02:14 AM	-0.6	-18	23	03:04 AM	-0.4	-12	8	01:54 AM	-0.7	-21	23	03:41 AM	-0.2	-6
Su	07:14 AM	4.9	149	M	08:01 AM	5.4	165	W	08:45 AM	5.2	158	Th	09:05 AM	4.9	149	Th	07:43 AM	5.3	162	F	10:18 AM	4.8	146
	01:56 PM	-0.3	-9		02:28 PM	-0.9	-27		02:50 PM	-0.8	-24		03:23 PM	-0.5	-15		02:21 PM	-0.8	-24		03:51 PM	-0.1	-3
	07:46 PM	4.1	125		08:28 PM	4.7	143		08:37 PM	4.8	146		09:27 PM	4.8	146		08:11 PM	5.4	165		09:54 PM	5.1	155
9	01:51 AM	-0.2	-6	24	02:41 AM	-0.6	-18	9	03:00 AM	-0.7	-21	24	03:45 AM	-0.3	-9	9	02:42 AM	-0.9	-27	24	04:21 AM	-0.1	-3
M	07:48 AM	5.0	152	Tu	08:45 AM	5.3	162	Th	08:45 AM	5.2	158	F	09:46 AM	4.7	143	F	08:28 AM	5.3	162	Sa	10:18 AM	4.6	140
	02:37 PM	-0.5	-15		03:12 PM	-0.9	-27		03:31 PM	-0.8	-24		03:59 PM	-0.3	-9		03:04 PM	-0.9	-27		04:26 PM	0.0	0
	08:23 PM	4.2	128		09:14 PM	4.6	140		09:20 PM	5.0	152		10:07 PM	4.7	143		08:56 PM	5.6	171		10:28 PM	4.9	149
10	02:34 AM	-0.3	-9	25	03:26 AM	-0.5	-15	10	03:45 AM	-0.7	-21	25	04:25 AM	0.0	0	10	03:30 AM	-0.9	-27	25	04:59 AM	0.0	0
Tu	08:23 AM	5.1	155	W	09:30 AM	5.1	155	F	09:31 AM	5.1	155	Sa	10:28 AM	4.4	134	Sa	09:16 AM	5.2	158	Su	10:59 AM	4.4	134
	03:17 PM	-0.6	-18		03:53 PM	-0.7	-21		04:11 PM	-0.8	-24		04:33 PM	0.0	0		03:48 PM	-0.8	-24		04:59 PM	0.3	9
	09:02 PM	4.3	131		10:00 PM	4.6	140		10:08 PM	5.0	152		10:46 PM	4.5	137		09:45 PM	5.6	171		11:02 PM	4.8	146
11	03:16 AM	-0.4	-12	26	04:09 AM	-0.3	-9	11	04:32 AM	-0.6	-18	26	05:04 AM	0.2	6	11	05:19 AM	-0.8	-24	26	05:37 AM	0.2	6
W	09:01 AM	5.0	152	Th	10:15 AM	4.8	146	Sa	10:21 AM	4.9	149	Su	11:12 AM	4.2	128	Su	11:09 AM	5.0	152	M	11:41 AM	4.2	128
	03:56 PM	-0.6	-18		04:33 PM	-0.5	-15		04:54 PM	-0.7	-21		05:05 PM	0.3	9		05:34 PM	-0.6	-18		05:29 PM	0.5	15
	09:45 PM	4.4	134		10:46 PM	4.4	134		11:00 PM	5.0	152		11:25 PM	4.4	134		11:39 PM	5.5	168		11:35 PM	4.6	140
12	03:58 AM	-0.4	-12	27	04:52 AM	0.0	0	12	05:24 AM	-0.4	-12	27	05:46 AM	0.5	15	12	06:11 AM	-0.5	-15	27	06:14 AM	0.5	15
Th	09:44 AM	5.0	152	F	11:01 AM	4.5	137	Su	11:17 AM	4.6	140	M	11:56 AM	3.9	119	M	12:08 PM	4.7	143	Tu	12:25 PM	4.0	122
	04:35 PM	-0.6	-18		05:12 PM	-0.2	-6		05:42 PM	-0.4	-12		05:36 PM	0.6	18		06:24 PM	-0.3	-9		05:56 PM	0.7	21
	10:32 PM	4.5	137		11:31 PM	4.3	131		11:55 PM	5.0	152												
13	04:44 AM	-0.2	-6	28	05:37 AM	0.3	9	13	06:24 AM	-0.1	-3	28	12:04 AM	4.2	128	13	12:37 AM	5.3	162	28	12:11 AM	4.4	134
F	10:34 AM	4.8	146	Sa	11:46 AM	4.2	128	M	12:16 PM	4.4	134	Tu	06:36 AM	0.8	24	Tu	07:10 AM	-0.2	-6	W	06:56 AM	0.8	24
	05:17 PM	-0.5	-15		05:51 PM	0.1	3		06:41 PM	-0.1	-3		12:41 PM	3.7	113		01:10 PM	4.5	137		01:09 PM	3.8	116
	11:23 PM	4.6	140									06:12 PM	0.8	24		07:23 PM	0.1	3		01:27 PM	1.0	30	
14	05:35 AM	-0.1	-3	29	12:15 AM	4.2	128	14	12:53 AM	4.9	149	29	12:44 AM	4.1	125	14	01:37 AM	5.1	155	29	12:51 AM	4.3	131
Sa	11:28 AM	4.6	1																				



THE BATTERY, New York, 2012

Datum:mean lower low water (MLLW) which is the chart datum of soundings

Times and Heights of High and Low Waters

April				May				June			
Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height
h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm
1 Su	03:32 AM 4.3 131 10:54 AM 0.7 21 04:37 PM 4.0 122 11:03 PM 0.8 24	16 M	05:29 AM 4.6 140 11:50 AM 0.2 6 06:04 PM 4.7 143	1 Tu	03:56 AM 4.5 137 11:04 AM 0.4 12 04:54 PM 4.8 146 11:31 PM 0.5 15	16 W	05:49 AM 4.3 131 12:00 PM 0.4 12 06:20 PM 5.0 152	1 F	12:06 AM 0.1 3 05:41 AM 4.6 140 12:15 PM -0.1 -3 06:19 PM 5.8 177	16 Sa	12:57 AM 0.6 18 06:56 AM 4.1 125 12:51 PM 0.6 18 07:12 PM 5.1 155
2 M	04:40 AM 4.4 134 11:44 AM 0.4 12 05:36 PM 4.4 134 11:58 PM 0.4 12	17 Tu	12:18 AM 0.4 12 06:24 AM 4.6 140 12:36 PM 0.1 3 06:53 PM 4.9 149	2 W	05:04 AM 4.6 140 11:54 AM 0.1 3 05:52 PM 5.2 158	17 Th	12:40 AM 0.5 15 06:40 AM 4.4 134 12:43 PM 0.4 12 07:04 PM 5.1 155	2 Sa	01:02 AM -0.2 -6 06:46 AM 4.8 146 01:09 PM -0.2 -6 07:15 PM 6.1 186	17 Su	01:42 AM 0.4 12 07:42 AM 4.2 128 01:35 PM 0.6 18 07:52 PM 5.2 158
3 Tu	05:45 AM 4.6 140 12:31 PM 0.1 3 06:29 PM 4.8 146	18 W	01:06 AM 0.3 9 07:12 AM 4.7 143 01:19 PM 0.1 3 07:35 PM 5.1 155	3 Th	12:27 AM 0.1 3 06:09 AM 4.8 146 12:44 PM -0.1 -3 06:45 PM 5.7 174	18 F	01:26 AM 0.4 12 07:26 AM 4.4 134 01:25 PM 0.4 12 07:43 PM 5.2 158	3 Su	01:57 AM -0.5 -15 07:44 AM 4.9 149 02:04 PM -0.4 -12 08:08 PM 6.3 192	18 M	02:26 AM 0.3 9 08:25 AM 4.3 131 02:18 PM 0.6 18 08:28 PM 5.2 158
4 W	12:50 AM 0.0 0 06:42 AM 4.9 149 01:18 PM -0.2 -6 07:16 PM 5.3 162	19 Th	01:52 AM 0.1 3 07:55 AM 4.7 143 02:00 PM 0.1 3 08:13 PM 5.2 158	4 F	01:21 AM -0.3 -9 07:07 AM 5.0 152 01:34 PM -0.4 -12 07:36 PM 6.0 183	19 Sa	02:10 AM 0.3 9 08:09 AM 4.4 134 02:07 PM 0.5 15 08:20 PM 5.3 162	4 M	02:51 AM -0.7 -21 08:40 AM 5.1 155 02:58 PM -0.4 -12 09:00 PM 6.3 192	19 Tu	03:09 AM 0.2 6 09:05 AM 4.3 131 03:01 PM 0.6 18 09:01 PM 5.2 158
5 Th	01:43 AM -0.4 -12 07:33 AM 5.2 158 02:05 PM -0.5 -15 08:01 PM 5.7 174	20 F	02:36 AM 0.1 3 08:35 AM 4.7 143 02:40 PM 0.2 6 08:49 PM 5.3 162	5 Sa	02:15 AM -0.6 -18 08:01 AM 5.2 158 02:26 PM -0.5 -15 08:25 PM 6.3 192	20 Su	02:53 AM 0.2 6 08:50 AM 4.4 134 02:47 PM 0.5 15 08:54 PM 5.3 162	5 Tu	03:43 AM -0.8 -24 09:36 AM 5.1 155 03:51 PM -0.4 -12 09:54 PM 6.2 189	20 W	03:50 AM 0.1 3 09:45 AM 4.3 131 03:41 PM 0.5 15 09:33 PM 5.2 158
6 F	02:34 AM -0.7 -21 08:21 AM 5.3 162 02:52 PM -0.7 -21 08:46 PM 6.0 183	21 Sa	03:18 AM 0.0 0 09:14 AM 4.6 140 03:19 PM 0.2 6 09:22 PM 5.2 158	6 Su	03:08 AM -0.8 -24 08:54 AM 5.2 158 03:17 PM -0.6 -18 09:15 PM 6.3 192	21 M	03:34 AM 0.1 3 09:30 AM 4.4 134 03:27 PM 0.5 15 09:25 PM 5.2 158	6 W	04:34 AM -0.8 -24 10:34 AM 5.0 152 04:43 PM -0.2 -6 10:50 PM 5.9 180	21 Th	04:29 AM 0.1 3 10:24 AM 4.3 131 04:20 PM 0.5 15 10:05 PM 5.1 155
7 Sa	03:25 AM -0.9 -27 09:10 AM 5.3 162 03:39 PM -0.7 -21 09:34 PM 6.1 186	22 Su	03:58 AM 0.0 0 09:53 AM 4.5 137 03:55 PM 0.4 12 09:54 PM 5.1 155	7 M	04:00 AM -0.9 -27 09:48 AM 5.2 158 04:08 PM -0.5 -15 10:08 PM 6.2 189	22 Tu	04:14 AM 0.1 3 10:10 AM 4.3 131 04:04 PM 0.6 18 09:56 PM 5.1 155	7 Th	05:24 AM -0.7 -21 11:33 AM 5.0 152 05:35 PM 0.0 0 11:47 PM 5.6 171	22 F	05:06 AM 0.1 3 11:05 AM 4.4 134 04:59 PM 0.6 18 10:42 PM 5.1 155
8 Su	04:15 AM -0.9 -27 10:58 AM 5.2 158 04:27 PM -0.7 -21 10:25 PM 6.0 183	23 M	04:36 AM 0.1 3 10:34 AM 4.4 134 04:29 PM 0.5 15 10:24 PM 5.0 152	8 Tu	04:51 AM -0.8 -24 10:47 AM 5.1 155 05:00 PM -0.3 -9 11:06 PM 6.0 183	23 W	04:52 AM 0.2 6 10:51 AM 4.2 128 04:40 PM 0.7 21 10:27 PM 5.0 152	8 F	06:14 AM -0.4 -12 12:31 PM 4.9 149 06:29 PM 0.3 9	23 Sa	05:42 AM 0.1 3 11:47 AM 4.4 134 05:38 PM 0.6 18 11:25 PM 5.0 152
9 M	05:05 AM -0.8 -24 11:02 AM 5.1 155 05:16 PM -0.4 -12 11:21 PM 5.8 177	24 Tu	05:14 AM 0.3 9 11:16 AM 4.2 128 05:01 PM 0.7 21 10:55 PM 4.8 146	9 W	05:42 AM -0.6 -18 11:49 AM 4.9 149 05:53 PM 0.0 0	24 Th	05:29 AM 0.3 9 11:34 AM 4.2 128 05:14 PM 0.8 24 11:02 PM 4.9 149	9 Sa	12:43 AM 5.3 162 07:05 AM -0.1 -3 01:26 PM 4.9 149 07:27 PM 0.7 21	24 Su	06:19 AM 0.2 6 12:30 PM 4.5 137 06:23 PM 0.7 21
10 Tu	05:58 AM -0.6 -18 12:00 PM 4.9 149 06:08 PM -0.1 -3	25 W	05:51 AM 0.5 15 11:59 AM 4.1 125 05:31 PM 0.8 24 11:29 PM 4.7 143	10 Th	12:06 AM 5.7 174 06:36 AM -0.3 -9 12:50 PM 4.8 146 06:50 PM 0.3 9	25 F	06:06 AM 0.4 12 12:17 PM 4.1 125 05:50 PM 0.9 27 11:45 PM 4.8 146	10 Su	01:36 AM 5.0 152 07:59 AM 0.2 6 02:18 PM 4.8 146 08:30 PM 0.9 27	25 M	12:14 AM 4.9 149 07:01 AM 0.3 9 01:16 PM 4.7 143 07:20 PM 0.8 24
11 W	12:22 AM 5.6 171 06:54 AM -0.3 -9 01:02 PM 4.7 143 07:07 PM 0.2 6	26 Th	06:29 AM 0.7 21 12:43 PM 4.0 122 06:04 PM 1.0 30	11 F	01:06 AM 5.3 162 07:33 AM 0.0 0 01:49 PM 4.7 143 07:53 PM 0.6 18	26 Sa	06:46 AM 0.5 15 12:59 PM 4.2 128 06:33 PM 1.0 30	11 M	02:28 AM 4.7 143 08:54 AM 0.4 12 03:08 PM 4.8 146 09:32 PM 1.0 30	26 Tu	01:07 AM 4.8 146 07:52 AM 0.3 9 02:04 PM 4.9 149 08:32 PM 0.9 27
12 Th	01:23 AM 5.3 162 07:56 AM 0.0 0 02:04 PM 4.5 137 08:15 PM 0.5 15	27 F	12:11 AM 4.6 140 07:13 AM 0.8 24 01:26 PM 3.9 119 06:47 PM 1.1 34	12 Sa	02:03 AM 5.0 152 08:33 AM 0.2 6 02:45 PM 4.7 143 09:00 PM 0.8 24	27 Su	12:35 AM 4.7 143 07:32 AM 0.6 18 01:43 PM 4.3 131 07:35 PM 1.1 34	12 Tu	03:19 AM 4.4 134 09:47 AM 0.5 15 03:59 PM 4.7 143 10:30 PM 1.0 30	27 W	02:03 AM 4.6 140 08:54 AM 0.4 12 02:55 PM 5.1 155 09:44 PM 0.7 21
13 F	02:24 AM 5.0 152 09:02 AM 0.2 6 03:05 PM 4.5 137 09:25 PM 0.7 21	28 Sa	01:00 AM 4.5 137 08:11 AM 0.9 27 02:12 PM 4.0 122 07:57 PM 1.2 37	13 Su	02:59 AM 4.8 146 09:33 AM 0.3 9 03:41 PM 4.7 143 10:04 PM 0.9 27	28 M	01:28 AM 4.7 143 08:29 AM 0.6 18 02:30 PM 4.6 140 08:55 PM 1.0 30	13 W	04:13 AM 4.2 128 10:37 AM 0.6 18 04:50 PM 4.8 146 11:22 PM 0.9 27	28 Th	03:03 AM 4.5 137 09:57 AM 0.3 9 03:53 PM 5.3 162 10:49 PM 0.5 15
14 Sa	03:25 AM 4.8 146 10:04 AM 0.3 9 04:07 PM 4.5 137 10:29 PM 0.6 18	29 Su	01:54 AM 4.5 137 09:14 AM 0.9 27 03:01 PM 4.2 128 09:25 PM 1.1 34	14 M	03:55 AM 4.5 137 10:27 AM 0.4 12 04:37 PM 4.7 143 11:01 PM 0.8 24	29 Tu	02:24 AM 4.6 140 09:30 AM 0.5 15 03:22 PM 4.8 146 10:06 PM 0.8 24	14 Th	05:10 AM 4.1 125 11:23 AM 0.7 21 05:41 PM 4.8 146	29 F	04:10 AM 4.4 134 10:57 AM 0.2 6 04:56 PM 5.5 168 11:48 PM 0.2 6
15 Su	04:28 AM 4.6 140 11:00 AM 0.2 6 05:08 PM 4.6 140 11:26 PM 0.5 15	30 M	02:52 AM 4.5 137 10:12 AM 0.7 21 03:55 PM 4.4 134 10:33 PM 0.9 27	15 Tu	04:53 AM 4.4 134 11:15 AM 0.4 12 05:31 PM 4.8 146 11:52 PM 0.7 21	30 W	03:24 AM 4.6 140 10:27 AM 0.3 9 04:19 PM 5.1 155 11:08 PM 0.5 15	15 F	12:11 AM 0.7 21 06:05 AM 4.1 125 12:07 PM 0.7 21 06:29 PM 5.0 152	30 Sa	05:22 AM 4.5 137 11:54 AM 0.0 0 06:00 PM 5.7 174
						31 Th	04:31 AM 4.6 140 11:22 AM 0.1 3 05:20 PM 5.4 165				



THE BATTERY, New York, 2012

Times and Heights of High and Low Waters

July					August					September																																																																																																																																																																																	
Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height																																																																																																																																																																														
h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm																																																																																																																																																																														
1 Su	12:45 AM -0.1 -3 06:31 AM 4.6 140 12:51 PM -0.1 -3 07:00 PM 5.9 180	16 M	01:13 AM 0.6 18 07:14 AM 4.1 125 01:04 PM 0.7 21 07:23 PM 5.1 155	1 W	02:15 AM -0.4 -12 08:15 AM 5.0 152 02:27 PM -0.2 -6 08:33 PM 5.9 180	16 Th	02:07 AM 0.2 6 08:06 AM 4.7 143 02:09 PM 0.4 12 08:08 PM 5.4 165	1 Sa	03:23 AM -0.3 -9 09:27 AM 5.4 165 03:45 PM 0.0 0 09:42 PM 5.4 165	16 Su	02:56 AM -0.3 -9 08:47 AM 5.6 171 03:18 PM -0.2 -6 08:58 PM 5.5 168	2 M	01:40 AM -0.4 -12 07:32 AM 4.8 146 01:47 PM -0.2 -6 07:55 PM 6.1 186	17 Tu	01:57 AM 0.4 12 07:57 AM 4.3 131 01:50 PM 0.6 18 08:01 PM 5.2 158	2 Th	03:04 AM -0.5 -15 09:05 AM 5.2 158 03:18 PM -0.2 -6 09:21 PM 5.8 177	17 F	02:49 AM 0.0 0 08:43 AM 4.9 149 02:54 PM 0.2 6 08:44 PM 5.5 168	2 Su	04:03 AM -0.2 -6 10:09 AM 5.4 165 04:29 PM 0.1 3 10:25 PM 5.2 158	17 M	03:38 AM -0.4 -12 09:28 AM 5.8 177 04:05 PM -0.3 -9 09:43 PM 5.4 165	3 Tu	02:34 AM -0.6 -18 08:28 AM 5.0 152 02:42 PM -0.3 -9 08:47 PM 6.1 186	18 W	02:40 AM 0.2 6 08:38 AM 4.4 134 02:35 PM 0.5 15 08:36 PM 5.3 162	3 F	03:50 AM -0.6 -18 09:53 AM 5.2 158 04:06 PM -0.1 -3 10:07 PM 5.6 171	18 Sa	03:29 AM -0.2 -6 09:19 AM 5.1 155 03:39 PM 0.0 0 09:21 PM 5.5 168	3 M	04:42 AM 0.0 0 10:51 AM 5.2 158 05:11 PM 0.4 12 11:10 PM 4.9 149	18 Tu	04:21 AM -0.4 -12 10:14 AM 5.9 180 04:53 PM -0.3 -9 10:33 PM 5.2 158	4 W	03:25 AM -0.7 -21 09:22 AM 5.1 155 03:35 PM -0.3 -9 09:39 PM 6.0 183	19 Th	03:22 AM 0.1 3 09:15 AM 4.5 137 03:18 PM 0.4 12 09:09 PM 5.3 162	4 Sa	04:34 AM -0.5 -15 10:41 AM 5.2 158 04:53 PM 0.1 3 10:55 PM 5.4 165	19 Su	04:09 AM -0.3 -9 09:58 AM 5.3 162 04:23 PM 0.0 0 10:02 PM 5.4 165	4 Tu	05:19 AM 0.3 9 11:34 AM 5.1 155 05:53 PM 0.6 18 11:57 PM 4.6 140	19 W	05:05 AM -0.2 -6 11:05 AM 5.8 177 05:44 PM -0.1 -3 11:31 PM 5.0 152	5 Th	04:14 AM -0.7 -21 10:16 AM 5.1 155 04:26 PM -0.2 -6 10:30 PM 5.8 177	20 F	04:01 AM 0.0 0 09:53 AM 4.6 140 04:00 PM 0.3 9 09:44 PM 5.3 162	5 Su	05:16 AM -0.3 -9 11:30 AM 5.1 155 05:38 PM 0.3 9 11:43 PM 5.1 155	20 M	04:47 AM -0.3 -9 10:41 AM 5.4 165 05:09 PM 0.0 0 10:48 PM 5.2 158	5 W	05:55 AM 0.6 18 12:17 PM 4.9 149 06:38 PM 0.9 27	20 Th	05:52 AM 0.0 0 12:04 PM 5.7 174 06:40 PM 0.1 3	6 F	05:01 AM -0.6 -18 11:10 AM 5.1 155 05:15 PM 0.0 0 11:23 PM 5.5 168	21 Sa	04:39 AM -0.1 -3 10:31 AM 4.7 143 04:42 PM 0.3 9 10:22 PM 5.2 158	6 M	05:56 AM 0.0 0 12:17 PM 5.0 152 06:25 PM 0.6 18	21 Tu	05:27 AM -0.2 -6 11:30 AM 5.4 165 05:57 PM 0.2 6 11:42 PM 5.0 152	6 Th	12:46 AM 4.3 131 06:31 AM 0.9 27 01:01 PM 4.7 143 07:30 PM 1.2 37	21 F	12:35 AM 4.8 146 06:48 AM 0.3 9 01:06 PM 5.5 168 07:44 PM 0.4 12	7 Sa	05:47 AM -0.4 -12 12:04 PM 5.0 152 06:05 PM 0.3 9	22 Su	05:16 AM -0.1 -3 11:13 AM 4.9 149 05:24 PM 0.3 9 11:06 PM 5.1 155	7 Tu	12:31 AM 4.7 143 06:37 AM 0.4 12 01:03 PM 4.9 149 07:16 PM 0.9 27	22 W	06:11 AM 0.0 0 12:24 PM 5.4 165 06:53 PM 0.4 12	7 F	01:35 AM 4.1 125 07:12 AM 1.2 37 01:46 PM 4.6 140 08:30 PM 1.3 40	22 Sa	01:40 AM 4.6 140 07:55 AM 0.6 18 02:09 PM 5.4 165 08:53 PM 0.5 15	8 Su	12:15 AM 5.2 158 06:32 AM -0.1 -3 12:55 PM 4.9 149 06:57 PM 0.6 18	23 M	05:53 AM 0.0 0 12:00 PM 5.0 152 06:11 PM 0.4 12 11:57 PM 5.0 152	8 W	01:20 AM 4.4 134 08:10 AM 0.7 21 01:48 PM 4.7 143 08:13 PM 1.2 37	23 Th	12:41 AM 4.8 146 07:03 AM 0.3 9 01:21 PM 5.4 165 07:59 PM 0.6 18	8 Sa	02:25 AM 3.9 119 08:11 AM 1.4 43 02:32 PM 4.5 137 09:33 PM 1.4 43	23 Su	02:45 AM 4.5 137 09:08 AM 0.7 21 03:13 PM 5.2 158 10:00 PM 0.5 15	9 M	01:05 AM 4.9 149 07:19 AM 0.2 6 01:44 PM 4.9 149 07:54 PM 0.9 27	24 Tu	06:34 AM 0.1 3 12:49 PM 5.1 155 07:06 PM 0.6 18	9 Th	02:08 AM 4.2 128 08:10 AM 1.0 30 02:33 PM 4.6 140 09:14 PM 1.3 40	24 F	01:43 AM 4.6 140 08:09 AM 0.5 15 02:20 PM 5.4 165 09:10 PM 0.6 18	9 Su	03:18 AM 3.8 116 09:22 AM 1.5 46 03:24 PM 4.4 134 10:29 PM 1.3 40	24 M	03:52 AM 4.5 137 10:16 AM 0.6 18 04:19 PM 5.2 158 10:59 PM 0.3 9	10 Tu	01:54 AM 4.6 140 08:09 AM 0.5 15 02:30 PM 4.8 146 08:55 PM 1.1 34	25 W	12:52 AM 4.8 146 07:23 AM 0.2 6 01:40 PM 5.2 158 08:14 PM 0.7 21	10 F	02:58 AM 4.0 122 09:08 AM 1.2 37 03:20 PM 4.5 137 10:13 PM 1.3 40	25 Sa	02:48 AM 4.4 134 09:21 AM 0.6 18 03:23 PM 5.3 162 10:17 PM 0.5 15	10 M	04:14 AM 3.9 119 10:23 AM 1.3 40 04:21 PM 4.5 137 11:19 PM 1.0 30	25 Tu	04:59 AM 4.6 140 11:17 AM 0.5 15 05:23 PM 5.2 158 11:52 PM 0.1 3	11 W	02:43 AM 4.3 131 09:02 AM 0.7 21 03:17 PM 4.7 143 09:54 PM 1.1 34	26 Th	01:50 AM 4.6 140 08:27 AM 0.4 12 02:35 PM 5.3 162 09:26 PM 0.7 21	11 Sa	03:53 AM 3.8 116 10:05 AM 1.2 37 04:13 PM 4.5 137 11:06 PM 1.1 34	26 Su	03:57 AM 4.4 134 10:29 AM 0.5 15 04:31 PM 5.3 162 11:17 PM 0.3 9	11 Tu	05:12 AM 4.0 122 11:17 AM 1.1 34 05:19 PM 4.7 143	26 W	06:00 AM 4.9 149 12:11 PM 0.3 9 06:21 PM 5.3 162	12 Th	03:34 AM 4.0 122 09:55 AM 0.9 27 04:06 PM 4.6 140 10:49 PM 1.1 34	27 F	02:51 AM 4.4 134 09:36 AM 0.4 12 03:35 PM 5.3 162 10:32 PM 0.5 15	12 Su	04:52 AM 3.8 116 10:58 AM 1.1 34 05:10 PM 4.6 140 11:54 PM 0.9 27	27 M	05:08 AM 4.5 137 11:29 AM 0.4 12 05:38 PM 5.4 165	12 W	12:05 AM 0.8 24 06:05 AM 4.3 131 12:07 PM 0.8 24 06:11 PM 4.9 149	27 Th	12:41 AM 0.0 0 06:53 AM 5.1 155 01:03 PM 0.2 6 07:11 PM 5.3 162	13 F	04:30 AM 3.9 119 10:45 AM 0.9 27 04:59 PM 4.7 143 11:39 PM 0.9 27	28 Sa	04:00 AM 4.3 131 10:40 AM 0.3 9 04:41 PM 5.4 165 11:33 PM 0.3 9	13 M	05:51 AM 4.0 122 11:48 AM 1.0 30 06:04 PM 4.8 146	28 Tu	12:12 AM 0.1 3 06:14 AM 4.7 143 12:25 PM 0.2 6 06:38 PM 5.5 168	13 Th	12:49 AM 0.5 15 06:50 AM 4.6 140 12:55 PM 0.5 15 06:56 PM 5.1 155	28 F	01:27 AM -0.1 -3 07:39 AM 5.3 162 01:51 PM 0.1 3 07:55 PM 5.3 162	14 Sa	05:29 AM 3.9 119 11:32 AM 0.9 27 05:52 PM 4.8 146	29 Su	05:13 AM 4.4 134 11:40 AM 0.2 6 05:48 PM 5.6 171	14 Tu	12:40 AM 0.7 21 06:42 AM 4.2 128 12:35 PM 0.8 24 06:51 PM 5.0 152	29 W	01:04 AM -0.1 -3 07:10 AM 5.0 152 01:19 PM 0.1 3 07:30 PM 5.7 174	14 F	01:31 AM 0.2 6 07:31 AM 5.0 152 01:42 PM 0.2 6 07:37 PM 5.4 165	29 Sa	02:11 AM -0.1 -3 08:20 AM 5.5 168 02:38 PM 0.1 3 08:36 PM 5.3 162	15 Su	12:27 AM 0.8 24 06:24 AM 4.0 122 12:18 PM 0.8 24 06:40 PM 4.9 149	30 M	12:29 AM 0.0 0 06:23 AM 4.6 140 12:37 PM 0.1 3 06:50 PM 5.7 174	15 W	01:25 AM 0.5 15 07:26 AM 4.4 134 01:22 PM 0.6 18 07:31 PM 5.2 158	30 Th	01:53 AM -0.3 -9 07:59 AM 5.2 158 02:10 PM 0.0 0 08:16 PM 5.7 174	15 Sa	02:14 AM -0.1 -3 08:09 AM 5.4 165 02:30 PM 0.0 0 08:17 PM 5.5 168	30 Su	02:52 AM -0.1 -3 08:59 AM 5.5 168 03:22 PM 0.1 3 09:16 PM 5.1 155	31 Tu	01:23 AM -0.2 -6 07:22 AM 4.8 146 01:33 PM -0.1 -3 07:44 PM 5.9 180	31 F	02:39 AM -0.3 -9 08:44 AM 5.4 165 02:59 PM 0.0 0 08:59 PM 5.6 171				

Disclaimer: These data are based upon the latest information available as of the date of your request, and may differ from the published tide tables.



THE BATTERY, New York, 2012

Times and Heights of High and Low Waters

October					November					December								
Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height	Time	Height					
h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm	h m	ft cm					
1 M	03:32 AM 09:36 AM 04:04 PM 09:57 PM	0.0 0 5.4 165 0.2 6 4.9 149	16 Tu	03:10 AM 09:04 AM 03:48 PM 09:26 PM	-0.5 -15 6.2 189 -0.6 -18 5.3 162	1 Th	04:15 AM 10:14 AM 05:00 PM 10:57 PM	0.4 12 5.0 152 0.3 9 4.2 128	16 F	03:30 AM 09:32 AM 04:14 PM 10:11 PM	-0.6 -18 6.0 183 -0.8 -24 4.8 146	1 Sa	03:26 AM 09:20 AM 04:14 PM 10:14 PM	0.4 12 4.8 146 0.1 3 3.9 119	16 Su	04:08 AM 10:17 AM 04:47 PM 10:57 PM	-0.6 -18 5.5 168 -0.9 -27 4.7 143	
2 Tu	04:09 AM 10:13 AM 04:45 PM 10:39 PM	0.2 6 5.3 162 0.3 9 4.7 143	17 W	03:58 AM 09:52 AM 04:38 PM 10:20 PM	-0.5 -15 6.1 186 -0.6 -18 5.1 155	2 F	04:49 AM 10:48 AM 05:39 PM 11:43 PM	0.6 18 4.8 146 0.5 15 4.0 122	17 Sa	04:23 AM 10:33 AM 05:08 PM 11:15 PM	-0.3 -9 5.7 174 -0.5 -15 4.7 143	2 Su	04:00 AM 09:53 AM 04:51 PM 10:57 PM	0.5 15 4.6 140 0.3 9 3.8 116	17 M	05:01 AM 11:15 AM 05:38 PM 11:55 PM	-0.3 -9 5.2 158 -0.6 -18 4.6 140	
3 W	04:44 AM 10:50 AM 05:25 PM 11:25 PM	0.4 12 5.1 155 0.5 15 4.4 134	18 Th	04:46 AM 10:46 AM 05:30 PM 11:21 PM	-0.4 -12 6.0 183 -0.4 -12 4.9 149	3 Sa	05:21 AM 11:25 AM 06:19 PM	0.8 24 4.7 143 0.7 21	18 Su	05:19 AM 11:36 AM 06:04 PM	0.0 0 5.4 165 -0.3 -9	3 M	04:34 AM 10:31 AM 05:28 PM 11:40 PM	0.6 18 4.5 137 0.4 12 3.8 116	18 Tu	05:58 AM 12:11 PM 06:32 PM	0.0 0 4.9 149 -0.3 -9	
4 Th	05:18 AM 11:29 AM 06:06 PM	0.7 21 4.9 149 0.8 24	19 F	05:37 AM 11:48 AM 06:25 PM	-0.1 -3 5.8 177 -0.2 -6	4 Su	12:31 AM 04:53 AM 11:07 AM 06:03 PM	3.9 119 1.0 30 4.5 137 0.9 27	19 M	12:18 AM 06:21 AM 12:36 PM 07:05 PM	4.6 140 0.3 9 5.1 155 0.0 0	4 Tu	05:11 AM 11:16 AM 06:09 PM	0.7 21 4.4 134 0.5 15	19 W	12:50 AM 07:00 AM 01:05 PM 07:29 PM	4.5 137 0.3 9 4.5 137 0.0 0	
5 F	12:13 AM 05:49 AM 12:11 PM 06:51 PM	4.2 128 1.0 30 4.7 143 1.0 30	20 Sa	12:28 AM 06:34 AM 12:52 PM 07:26 PM	4.7 143 0.2 6 5.5 168 0.1 3	5 M	12:18 AM 05:32 AM 12:44 AM 06:58 PM	3.8 116 1.2 37 4.4 134 1.0 30	20 Tu	01:17 AM 07:29 AM 01:34 PM 08:06 PM	4.6 140 0.5 15 4.8 146 0.1 3	5 W	12:23 AM 06:01 AM 12:05 PM 07:02 PM	3.9 119 0.9 27 4.3 131 0.5 15	20 Th	01:44 AM 08:05 AM 01:58 PM 08:26 PM	4.4 134 0.5 15 4.2 128 0.1 3	
6 Sa	01:03 AM 06:22 AM 12:55 PM 07:45 PM	4.0 122 1.2 37 4.5 137 1.2 37	21 Su	01:33 AM 07:40 AM 01:55 PM 08:32 PM	4.6 140 0.5 15 5.3 162 0.3 9	6 Tu	01:04 AM 06:34 AM 12:44 PM 07:58 PM	3.8 116 1.3 40 4.4 134 0.9 27	21 W	02:15 AM 08:36 AM 02:31 PM 09:04 PM	4.5 137 0.6 18 4.6 140 0.1 3	6 Th	01:08 AM 07:17 AM 12:58 PM 08:03 PM	4.1 125 0.9 27 4.2 128 0.4 12	21 F	02:37 AM 09:07 AM 02:53 PM 09:19 PM	4.4 134 0.6 18 4.0 122 0.2 6	
7 Su	01:52 AM 07:08 AM 01:42 PM 08:48 PM	3.9 119 1.4 43 4.4 134 1.3 40	22 M	02:36 AM 08:52 AM 02:57 PM 09:37 PM	4.6 140 0.7 21 5.1 155 0.3 9	7 W	01:51 AM 08:02 AM 01:38 PM 08:54 PM	4.0 122 1.2 37 4.3 131 0.8 24	22 Th	03:13 AM 09:37 AM 03:29 PM 09:56 PM	4.6 140 0.5 15 4.4 134 0.1 3	7 F	01:56 AM 08:36 AM 01:56 PM 09:01 PM	4.3 131 0.8 24 4.2 128 0.3 9	22 Sa	03:31 AM 10:03 AM 03:51 PM 10:09 PM	4.4 134 0.5 15 3.8 116 0.3 9	
8 M	02:42 AM 08:30 AM 02:33 PM 09:48 PM	3.8 116 1.5 46 4.4 134 1.2 37	23 Tu	03:38 AM 09:59 AM 03:59 PM 10:35 PM	4.6 140 0.7 21 4.9 149 0.2 6	8 Th	02:41 AM 09:10 AM 02:35 PM 09:45 PM	4.2 128 1.0 30 4.4 134 0.5 15	23 F	04:09 AM 10:31 AM 04:26 PM 10:43 PM	4.7 143 0.4 12 4.3 131 0.1 3	8 Sa	02:51 AM 09:40 AM 02:59 PM 09:56 PM	4.5 137 0.5 15 4.2 128 0.0 0	23 Su	04:26 AM 10:54 AM 04:48 PM 10:55 PM	4.4 134 0.4 12 3.8 116 0.3 9	
9 Tu	03:34 AM 09:45 AM 03:27 PM 10:40 PM	3.9 119 1.4 43 4.4 134 1.0 30	24 W	04:40 AM 11:00 AM 05:00 PM 11:27 PM	4.7 143 0.5 15 4.8 146 0.1 3	9 F	03:34 AM 10:08 AM 03:37 PM 10:32 PM	4.5 137 0.7 21 4.5 137 0.2 6	24 Sa	05:01 AM 11:21 AM 05:19 PM 11:27 PM	4.8 146 0.3 9 4.3 131 0.1 3	9 Su	03:50 AM 10:39 AM 04:07 PM 10:49 PM	4.9 149 0.1 3 4.3 131 -0.2 -6	24 M	05:17 AM 11:42 AM 05:41 PM 11:39 PM	4.5 137 0.2 6 3.8 116 0.2 6	
10 W	04:28 AM 10:45 AM 04:26 PM 11:26 PM	4.1 125 1.1 34 4.5 137 0.7 21	25 Th	05:39 AM 11:54 AM 05:57 PM	4.9 149 0.4 12 4.8 146	10 Sa	04:28 AM 11:02 AM 04:40 PM 11:19 PM	4.9 149 0.3 9 4.7 143 -0.1 -3	25 Su	05:48 AM 12:07 PM 06:07 PM	4.9 149 0.2 6 4.3 131	10 M	04:50 AM 11:34 AM 05:14 PM 11:42 PM	5.2 158 -0.3 -9 4.4 134 -0.5 -15	25 Tu	06:02 AM 12:27 PM 06:27 PM	4.6 140 0.1 3 3.9 119	
11 Th	05:21 AM 11:37 AM 05:24 PM	4.4 134 0.8 24 4.7 143	26 F	12:14 AM 06:30 AM 12:43 PM 06:47 PM	0.0 0 5.1 155 0.3 9 4.9 149	11 Su	05:20 AM 11:54 AM 05:37 PM	5.4 165 -0.1 -3 4.8 146	26 M	12:09 AM 06:29 AM 12:52 PM 06:50 PM	0.1 3 5.0 152 0.1 3 4.3 131	11 Tu	05:47 AM 12:29 PM 06:13 PM	5.6 171 -0.6 -18 4.6 140	26 W	12:23 AM 06:43 AM 01:11 PM 07:10 PM	0.2 6 4.7 143 0.0 0 4.0 122	
12 F	12:10 AM 06:10 AM 12:28 PM 06:17 PM	0.4 12 4.8 146 0.4 12 5.0 152	27 Sa	12:58 AM 07:15 AM 01:31 PM 07:32 PM	0.0 0 5.2 158 0.2 6 4.9 149	12 M	12:07 AM 06:09 AM 12:47 PM 06:30 PM	-0.4 -12 5.8 177 -0.5 -15 5.0 152	27 Tu	12:51 AM 07:07 AM 01:36 PM 07:31 PM	0.1 3 5.1 155 0.0 0 4.3 131	12 W	12:36 AM 06:41 AM 01:23 PM 07:09 PM	-0.7 -21 5.9 180 -0.9 -27 4.8 146	27 Th	01:06 AM 07:21 AM 01:53 PM 07:50 PM	0.1 3 4.8 146 -0.2 -6 4.1 125	
13 Sa	12:54 AM 06:55 AM 01:17 PM 07:06 PM	0.1 3 5.3 162 0.1 3 5.2 158	28 Su	01:40 AM 07:55 AM 02:16 PM 08:13 PM	0.0 0 5.4 165 0.1 3 4.8 146	13 Tu	12:57 AM 06:57 AM 01:40 PM 07:21 PM	-0.6 -18 6.1 186 -0.7 -21 5.1 155	28 W	01:32 AM 07:42 AM 02:18 PM 08:11 PM	0.1 3 5.1 155 -0.1 -3 4.3 131	13 Th	01:30 AM 07:33 AM 02:16 PM 08:03 PM	-0.8 -24 6.0 183 -1.1 -34 4.9 149	28 F	01:48 AM 07:56 AM 02:34 PM 08:29 PM	0.0 0 4.8 146 -0.2 -6 4.1 125	
14 Su	01:39 AM 07:37 AM 02:08 PM 07:52 PM	-0.2 -6 5.7 174 -0.2 -6 5.3 162	29 M	02:21 AM 08:32 AM 02:59 PM 08:53 PM	0.1 3 5.4 165 0.1 3 4.7 143	14 W	01:48 AM 07:45 AM 02:32 PM 08:13 PM	-0.7 -21 6.2 189 -0.9 -27 5.1 155	29 Th	02:12 AM 08:16 AM 02:58 PM 08:51 PM	0.2 6 5.0 152 0.0 0 4.2 128	14 F	02:23 AM 08:25 AM 03:07 PM 08:58 PM	-0.9 -27 6.0 183 -1.1 -34 4.8 146	29 Sa	02:28 AM 08:28 AM 03:13 PM 09:07 PM	0.0 0 4.8 146 -0.3 -9 4.0 122	
15 M	02:24 AM 08:20 AM 02:58 PM 08:38 PM	-0.4 -12 6.0 183 -0.5 -15 5.4 165	30 Tu	03:01 AM 09:07 AM 03:41 PM 09:33 PM	0.1 3 5.3 162 0.1 3 4.6 140	15 Th	02:39 AM 08:37 AM 03:23 PM 09:09 PM	-0.7 -21 6.1 186 -0.9 -27 5.0 152	30 F	02:50 AM 08:48 AM 03:37 PM 09:32 PM	0.3 9 4.9 149 0.0 0 4.0 122	15 Sa	03:16 AM 09:20 AM 03:57 PM 09:57 PM	-0.8 -24 5.8 177 -1.1 -34 4.8 146	30 Su	03:06 AM 08:59 AM 03:49 PM 09:44 PM	0.0 0 4.7 143 -0.2 -6 4.0 122	
			31 W	03:38 AM 09:40 AM 04:21 PM 10:13 PM	0.3 9 5.2 158 0.2 6 4.4 134											31 M	03:43 AM 09:30 AM 04:24 PM 10:22 PM	0.1 3 4.7 143 -0.2 -6 4.0 122

Disclaimer: These data are based upon the latest information available as of the date of your request, and may differ from the published tide tables.