



NOAA Tide Predictions

THE BATTERY, New York, 2014

The NOAA Tide Predictions application provides predictions in both graphical and tabular formats, with many user selected options, for over 3000 stations broken down by key areas in each state. Users can also access stations via the Google map interface. Additional information can be found in the help page.

Station Types: The NOAA Tide Predictions application provides predictions from 2 distinct categories of stations at over 3000 locations:

Harmonic - The predicted height values for Harmonic stations are conducted by combining the harmonic constituents into a single tide curve.

Subordinate - The high and low height values for Subordinate stations are obtained by means and differences, and ratios applied to the full harmonic constant predictions at a specific Harmonic station (a Reference station).

Disclaimer: The official Tide prediction tables are published annually on October 1, for the following calendar year. Tide predictions generated prior to the publishing date of the official tables are subject to change. The predictions from the web based NOAA Tidal Predictions are based upon the latest information available as of the date of your request. Tide predictions generated may differ from the official published predictions if information for the station requested has been updated since the publishing date of the official published tables.



THE BATTERY, New York, 2014

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

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	01:34 AM	-0.9	-27		16	02:04 AM	-0.1	-3	1	03:04 AM	-1.2	-37	16	03:00 AM	-0.2	-6	1	01:57 AM	-1.1	-34	16	02:56 AM	-0.1	-3
W	07:33 AM	5.8	177		Th	08:12 AM	4.8	146	Sa	09:04 AM	5.7	174	Su	08:53 AM	4.7	143	Sa	07:57 AM	5.7	174	Su	08:54 AM	4.8	146
	02:17 PM	-1.2	-37		O	02:44 PM	-0.3	-9		03:34 PM	-1.4	-43		03:27 PM	-0.3	-9		02:24 PM	-1.2	-37		03:19 PM	-0.1	-3
	08:03 PM	4.9	149			08:42 PM	4.2	128		09:35 PM	5.2	158		09:22 PM	4.5	137		08:23 PM	5.5	168		09:16 PM	4.9	149
2	02:27 AM	-1.0	-30		17	02:44 AM	-0.1	-3	2	03:54 AM	-1.1	-34	17	03:37 AM	-0.1	-3	2	02:47 AM	-1.1	-34	17	03:37 AM	-0.2	-6
Th	08:25 AM	5.9	180		F	08:46 AM	4.7	143	Su	09:57 AM	5.5	168	M	09:22 AM	4.5	137	Su	08:46 AM	5.6	171	M	09:25 AM	4.7	143
	03:07 PM	-1.3	-40			03:22 PM	-0.3	-9		04:21 PM	-1.2	-37		03:59 PM	-0.2	-6		03:10 PM	-1.2	-37		03:55 PM	-0.2	-6
	08:57 PM	4.9	149			09:21 PM	4.2	128		10:30 PM	5.1	155		09:53 PM	4.5	137		09:12 PM	5.5	168		09:46 PM	5.0	152
3	03:19 AM	-1.0	-30		18	03:22 AM	0.0	0	3	04:45 AM	-0.8	-24	18	04:12 AM	0.0	0	3	03:36 AM	-1.0	-30	18	04:16 AM	-0.2	-6
F	09:19 AM	5.8	177		Sa	09:18 AM	4.6	140	M	10:52 AM	5.2	158	Tu	09:53 AM	4.4	134	M	09:36 AM	5.4	165	Tu	09:57 AM	4.7	143
	03:56 PM	-1.3	-40			03:57 PM	-0.2	-6		05:09 PM	-0.9	-27		10:25 PM	4.5	137		03:55 PM	-1.0	-30		04:29 PM	-0.1	-3
	09:55 PM	4.9	149			09:58 PM	4.1	125		11:25 PM	5.0	152		10:02 PM	5.4	165		10:02 PM	5.4	165		10:16 PM	5.0	152
4	04:10 AM	-0.9	-27		19	03:57 AM	0.1	3	4	05:38 AM	-0.4	-12	19	04:47 AM	0.1	3	4	04:25 AM	-0.7	-21	19	04:54 AM	-0.2	-6
Sa	10:16 AM	5.6	171		Su	09:50 AM	4.4	134	Tu	11:46 AM	4.8	146	W	10:31 AM	4.3	131	Tu	10:28 AM	5.1	155	W	10:32 AM	4.6	140
	04:46 PM	-1.2	-37			04:30 PM	-0.1	-3		05:59 PM	-0.5	-15		04:56 PM	0.1	3		04:40 PM	-0.6	-18		05:02 PM	0.0	0
	10:54 PM	4.9	149			10:35 PM	4.0	122					11:03 PM	4.5	137		10:53 PM	5.2	158		10:51 PM	5.0	152	
5	05:04 AM	-0.6	-18		20	04:31 AM	0.2	6	5	12:18 AM	4.8	146	20	05:27 AM	0.3	9	5	05:14 AM	-0.4	-12	20	05:33 AM	-0.1	-3
Su	11:14 AM	5.3	162		M	10:21 AM	4.3	131	W	06:36 AM	0.0	0	Th	11:16 AM	4.1	125	W	11:21 AM	4.8	146	Th	11:13 AM	4.5	137
	05:37 PM	-0.9	-27			05:00 PM	0.0	0		12:40 PM	4.5	137		05:30 PM	0.2	6		05:26 PM	-0.2	-6		05:35 PM	0.1	3
	11:52 PM	4.8	146			11:10 PM	4.0	122		06:53 PM	-0.1	-3		11:49 PM	4.5	137		11:44 PM	4.9	149		11:34 PM	5.0	152
6	06:02 AM	-0.3	-9		21	05:05 AM	0.4	12	6	01:11 AM	4.6	140	21	06:21 AM	0.4	12	6	06:07 AM	0.0	0	21	06:17 AM	0.1	3
M	12:11 PM	4.9	149		Tu	10:58 AM	4.1	125	Th	07:40 AM	0.3	9	F	12:09 PM	4.0	122	Th	12:14 PM	4.4	134	F	12:04 PM	4.3	131
	06:31 PM	-0.6	-18			05:28 PM	0.2	6		01:34 PM	4.1	125		06:19 PM	0.4	12		06:16 PM	0.2	6		06:14 PM	0.3	9
						11:46 PM	4.1	125		07:53 PM	0.2	6												
7	12:49 AM	4.7	143		22	05:46 AM	0.5	15	7	02:04 AM	4.4	134	22	12:42 AM	4.5	137	7	12:35 AM	4.6	140	22	12:26 AM	4.9	149
Tu	07:05 AM	0.0	0		W	11:41 AM	4.0	122	F	08:44 AM	0.4	12	Sa	07:40 AM	0.5	15	F	07:05 AM	0.4	12	Sa	07:11 AM	0.3	9
	01:06 PM	4.6	140			06:02 PM	0.3	9		02:31 PM	3.9	119		01:08 PM	3.9	119		01:07 PM	4.1	125		01:01 PM	4.2	128
	07:30 PM	-0.3	-9							08:52 PM	0.4	12		07:44 PM	0.5	15		07:13 PM	0.6	18		07:09 PM	0.5	15
8	01:44 AM	4.6	140		23	06:46 AM	0.6	18	8	03:01 AM	4.2	128	23	01:42 AM	4.6	140	8	01:27 AM	4.4	134	23	01:24 AM	4.9	149
W	08:11 AM	0.2	6		Th	12:31 PM	3.9	119	Sa	09:43 AM	0.4	12	Su	08:55 AM	0.4	12	Sa	08:08 AM	0.6	18	Su	08:22 AM	0.4	12
	02:02 PM	4.3	131			06:56 PM	0.4	12		03:31 PM	3.7	113		02:14 PM	3.9	119		02:01 PM	3.9	119		02:02 PM	4.2	128
	08:29 PM	-0.1	-3							09:48 PM	0.4	12		09:06 PM	0.4	12		08:15 PM	0.8	24		08:32 PM	0.6	18
9	02:40 AM	4.5	137		24	01:15 AM	4.3	131	9	04:01 AM	4.2	128	24	02:51 AM	4.7	143	9	03:21 AM	4.2	128	24	02:27 AM	4.8	146
Th	09:14 AM	0.3	9		F	08:09 AM	0.6	18	Su	10:36 AM	0.4	12	M	09:59 AM	0.5	15	Su	10:09 AM	0.7	21	M	09:34 AM	0.4	12
	03:01 PM	4.0	122			01:27 PM	3.8	116		04:32 PM	3.7	113		03:29 PM	4.0	122		03:59 PM	3.8	116		03:09 PM	4.2	128
	09:26 PM	0.0	0			08:18 PM	0.4	12		10:39 PM	0.4	12		10:12 PM	0.1	3		10:15 PM	0.9	27		09:52 PM	0.5	15
10	03:38 AM	4.5	137		25	02:11 AM	4.4	134	10	04:59 AM	4.3	131	25	04:05 AM	4.9	149	10	04:20 AM	4.1	125	25	03:36 AM	4.8	146
F	10:12 AM	0.2	6		Sa	09:20 AM	0.4	12	M	11:25 AM	0.3	9	Tu	10:57 AM	-0.2	-6	M	11:03 AM	0.7	21	Tu	10:38 AM	0.2	6
	04:01 PM	3.9	119			02:32 PM	3.8	116		05:28 PM	3.9	119		04:44 PM	4.3	131		04:59 PM	3.8	116		04:20 PM	4.3	131
	10:18 PM	0.1	3			09:28 PM	0.2	6		11:27 PM	0.3	9		11:12 PM	-0.3	-9		11:09 PM	0.8	24		10:58 PM	0.3	9
11	04:36 AM	4.5	137		26	03:16 AM	4.6	140	11	05:50 AM	4.4	134	26	05:15 AM	5.1	155	11	05:21 AM	4.1	125	26	04:49 AM	4.9	149
Sa	11:04 AM	0.1	3		Su	10:21 AM	0.1	3	Tu	12:11 PM	0.1	3	W	11:52 AM	-0.5	-15	Tu	11:52 AM	0.5	15	W	11:36 AM	-0.1	-3
	05:00 PM	3.9	119			03:45 PM	3.9	119		06:16 PM	4.0	122		05:48 PM	4.7	143		05:56 PM	4.0	122		05:31 PM	4.6	140
	11:07 PM	0.1	3			10:29 PM	-0.1	-3										11:59 PM	0.6	18		11:58 PM	-0.1	-3
12	05:29 AM	4.6	140		27	04:26 AM	4.9	149	12	12:13 AM	0.2	6	27	12:09 AM	-0.6	-18	12	06:17 AM	4.3	131	27	05:58 AM	5.1	155
Su	11:53 AM	0.0	0		M	11:18 AM	-0.3	-9	W	06:34 AM	4.6	140	Th	06:14 AM	5.4	165	W	12:38 PM	0.4	12	Th	12:30 PM	-0.4	-12
	05:53 PM	4.0	122			04:59 PM	4.1	125		12:55 PM	0.0	0		12:45 PM	-0.9	-27		06:47 PM	4.2	128		06:33 PM	5.0	152
	11:53 PM	0.0	0			11:27 PM	-0.4	-12		06:59 PM	4.2	128		06:43 PM	5.1	155								
13	06:16 AM	4.7	143		28	05:31 AM	5.2	158	13	12:58 AM	0.0	0	28	01:04 AM	-0.9	-27	13	12:46 AM	0.5	15	28	12:54 AM	-0.4	-12
M	12:39 PM	-0.1	-3		Tu	12:13 PM	-0.6	-18	Th	07:13 AM	4.7	143	F	07:07 AM	5.7	174	Th	07:04 AM	4.4	134	F	06:58 AM	5.3	162
	06:40 PM	4.1	125			06:02 PM	4.5	137		01:36 PM	-0.2	-6		01:35 PM	-1.1	-34		01:21 PM	0.2	6		01:21 PM	-0.6	-18
										07:39 PM	4.4	134		07:34 PM	5.4	165		07:30 PM	4.4	134		07:27 PM	5.4	165



THE BATTERY, New York, 2014

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

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 Tu	05:52 AM 12:10 PM 05:51 PM 11:55 PM	0.3 4.4 0.9 4.6	9 134 27 140	16 W	06:09 AM 12:25 PM 06:35 PM	-0.7 5.4 0.0	-21 165 0	1 F	06:18 AM 12:42 PM 06:39 PM	0.6 4.6 1.0	18 140 30	16 Sa	01:16 AM 07:27 AM 01:49 PM 08:15 PM	5.0 0.1 5.3 15	152 3 162 15	1 M	12:45 AM 06:49 AM 01:20 PM 08:10 PM	4.3 0.8 4.9 1.1	131 24 149 34	16 Tu	02:44 AM 08:54 AM 03:06 PM 09:51 PM	4.4 1.0 4.8 0.9	134 30 146 27	
2 W	06:28 AM 12:52 PM 06:30 PM	0.5 4.4 1.1	15 134 34	17 Th	12:41 AM 07:01 AM 01:21 PM 07:36 PM	5.5 -0.4 5.4 0.3	168 -12 165 9	2 Sa	12:29 AM 06:46 AM 01:18 PM 07:31 PM	4.4 0.7 4.6 1.2	134 21 143 37	17 Su	02:12 AM 08:25 AM 02:43 PM 09:20 PM	4.7 0.4 5.2 0.7	143 12 158 21	2 Tu	01:42 AM 07:54 AM 02:16 PM 09:26 PM	4.2 1.0 5.0 1.0	128 30 152 30	17 W	03:42 AM 09:55 AM 04:03 PM 10:46 PM	4.3 1.1 4.7 0.9	131 34 143 27	
3 Th	12:34 AM 07:04 AM 01:32 PM 07:17 PM	4.5 0.7 4.4 1.2	137 21 134 37	18 F	01:38 AM 07:57 AM 02:16 PM 08:41 PM	5.1 -0.1 5.3 0.5	155 -3 162 15	3 Su	01:14 AM 07:25 AM 01:59 PM 08:44 PM	4.2 0.8 4.7 1.2	128 24 143 37	18 M	03:08 AM 09:26 AM 03:38 PM 10:21 PM	4.5 0.7 5.0 0.7	137 21 152 21	3 W	02:44 AM 09:28 AM 03:18 PM 10:31 PM	4.2 0.9 5.1 0.7	128 27 155 21	18 Th	04:40 AM 10:51 AM 05:01 PM 11:36 PM	4.2 1.1 4.6 0.7	128 34 140 21	
4 F	01:12 AM 07:44 AM 02:09 PM 08:19 PM	4.3 0.8 4.4 1.3	131 24 134 40	19 Sa	02:33 AM 08:57 AM 03:10 PM 09:46 PM	4.8 0.1 5.2 0.6	146 3 158 18	4 M	02:04 AM 08:32 AM 02:47 PM 09:54 PM	4.2 0.9 4.8 1.0	128 27 146 30	19 Tu	04:08 AM 10:25 AM 04:36 PM 11:16 PM	4.3 0.8 4.9 0.7	131 24 149 21	4 Th	03:53 AM 10:39 AM 04:26 PM 11:29 PM	4.3 0.7 5.2 0.4	131 21 158 12	19 F	05:37 AM 11:41 AM 05:56 PM	4.4 1.0 4.7	134 30 143	
5 Sa	01:54 AM 08:35 AM 02:47 PM 09:27 PM	4.2 0.9 4.5 1.2	128 27 137 37	20 Su	03:31 AM 09:55 AM 04:07 PM 10:46 PM	4.5 0.3 5.1 0.5	137 9 155 15	5 Tu	03:02 AM 09:52 AM 03:43 PM 10:55 PM	4.1 0.8 5.0 0.8	125 24 152 24	20 W	05:08 AM 11:18 AM 05:35 PM	4.2 0.8 4.9	128 24 149	5 F	05:06 AM 11:40 AM 05:36 PM	4.6 0.4 5.5	140 12 168	20 Sa	12:21 AM 06:28 AM 12:28 PM 06:44 PM	0.6 4.6 4.8 4.8	18 140 24 146	
6 Su	02:40 AM 09:33 AM 03:31 PM 10:27 PM	4.1 0.8 4.7 1.0	125 24 143 30	21 M	04:31 AM 10:51 AM 05:05 PM 11:41 PM	4.4 0.4 5.1 0.5	134 12 155 15	6 W	04:09 AM 10:57 AM 04:48 PM 11:51 PM	4.2 0.6 5.2 0.4	128 18 158 12	21 Th	12:06 AM 06:06 AM 12:07 PM 06:27 PM	0.6 4.3 0.8 5.0	18 131 24 152	6 Sa	12:23 AM 06:14 AM 12:37 PM 06:38 PM	0.0 4.9 0.0 5.8	0 149 0 177	21 Su	01:03 AM 07:13 AM 01:13 PM 07:25 PM	0.5 4.8 0.6 5.0	15 146 18 152	
7 M	03:35 AM 10:30 AM 04:23 PM 11:23 PM	4.1 0.7 4.9 0.8	125 21 149 24	22 Tu	05:33 AM 11:42 AM 06:02 PM	4.3 0.5 5.1	131 15 155	7 Th	05:22 AM 11:55 AM 05:54 PM	4.4 0.3 5.5	134 9 168	22 F	12:52 AM 06:57 AM 12:54 PM 07:13 PM	4.5 0.5 0.7 5.1	15 137 21 155	7 Su	01:15 AM 07:11 AM 01:33 PM 07:33 PM	-0.4 -5.3 -0.3 6.0	-12 162 -9 183	22 M	01:44 AM 07:56 AM 01:56 PM 08:03 PM	0.3 5.0 0.5 5.0	9 152 15 152	
8 Tu	04:40 AM 11:23 AM 05:21 PM	4.1 0.5 5.2	125 15 158	23 W	12:31 AM 06:30 AM 12:31 PM 06:53 PM	0.4 4.3 0.5 5.2	12 131 15 158	8 F	12:45 AM 06:29 AM 12:52 PM 06:55 PM	0.0 4.7 0.0 5.8	0 143 0 177	23 Sa	01:36 AM 07:42 AM 01:39 PM 07:54 PM	0.4 4.7 0.6 5.2	12 143 18 158	8 M	02:06 AM 08:03 AM 02:27 PM 08:24 PM	-0.7 -1.7 -0.5 6.1	-21 174 -15 186	23 Tu	02:23 AM 08:29 AM 02:39 PM 08:37 PM	0.2 5.1 0.4 5.0	6 155 12 152	
9 W	12:16 AM 05:48 AM 12:17 PM 06:19 PM	0.4 4.3 0.3 5.5	12 131 9 168	24 Th	01:19 AM 07:21 AM 01:18 PM 07:37 PM	0.3 4.5 0.5 5.2	9 137 15 158	9 Sa	01:38 AM 07:28 AM 01:48 PM 07:49 PM	-0.3 5.0 -0.2 6.1	-9 152 -6 186	24 Su	02:18 AM 08:22 AM 02:23 PM 08:31 PM	0.2 4.8 0.5 5.2	6 146 15 158	9 Tu	02:55 AM 08:53 AM 03:20 PM 09:14 PM	-0.8 5.9 -0.6 6.1	-24 180 -18 186	24 W	03:01 AM 09:02 AM 03:20 PM 09:08 PM	0.2 5.2 0.3 5.0	6 158 9 152	
10 Th	01:08 AM 06:50 AM 11:11 PM 07:13 PM	0.1 4.5 0.1 5.8	3 137 3 177	25 F	02:05 AM 08:06 AM 02:04 PM 08:18 PM	0.2 4.6 0.5 5.3	6 140 15 162	10 Su	02:29 AM 08:21 AM 02:44 PM 08:41 PM	-0.6 5.4 -0.5 6.2	-18 165 -15 189	25 M	02:58 AM 09:01 AM 03:05 PM 09:06 PM	0.2 4.9 0.4 5.2	6 149 12 158	10 W	03:43 AM 09:43 AM 04:11 PM 10:06 PM	-0.9 6.0 -0.6 5.9	-27 183 -18 180	25 Th	03:37 AM 09:32 AM 03:59 PM 09:38 PM	0.2 5.2 0.3 4.9	6 158 9 149	
11 F	02:01 AM 07:45 AM 02:06 PM 08:05 PM	-0.3 4.8 -0.2 6.1	-9 146 -6 186	26 Sa	02:48 AM 08:49 AM 02:48 PM 08:56 PM	0.1 4.6 0.4 5.3	3 140 12 162	11 M	03:20 AM 09:13 AM 03:37 PM 09:33 PM	-0.9 5.6 -0.6 6.2	-27 171 -18 189	26 Tu	03:36 AM 09:37 AM 03:45 PM 09:38 PM	0.1 4.9 0.4 5.1	3 149 12 155	11 Th	04:30 AM 10:35 AM 05:02 PM 11:00 PM	-0.7 5.9 -0.4 5.6	-21 180 -12 171	26 F	04:11 AM 10:01 AM 04:37 PM 10:09 PM	0.3 5.2 0.3 4.7	9 158 9 143	
12 Sa	02:52 AM 08:38 AM 03:00 PM 08:56 PM	-0.6 5.0 -0.3 6.2	-18 152 -9 189	27 Su	03:29 AM 09:30 AM 03:30 PM 09:33 PM	0.1 4.7 0.5 5.2	3 143 15 158	12 Tu	04:08 AM 10:06 AM 04:29 PM 10:26 PM	-1.0 5.7 -0.6 6.0	-30 174 -18 183	27 W	04:11 AM 10:11 AM 04:23 PM 10:09 PM	0.2 4.9 0.5 4.9	6 149 15 149	12 F	05:16 AM 11:28 AM 05:53 PM 11:56 PM	-0.5 5.8 -0.1 5.2	-15 177 -3 158	27 Sa	04:42 AM 10:32 AM 05:16 PM 10:46 PM	0.4 5.2 0.4 4.6	12 158 12 140	
13 Su	03:42 AM 09:31 AM 03:53 PM 09:49 PM	-0.8 5.2 -0.4 6.1	-24 158 -12 186	28 M	04:08 AM 10:10 AM 04:10 PM 10:08 PM	0.1 4.7 0.5 5.1	3 143 15 155	13 W	04:56 AM 11:02 AM 05:21 PM 11:22 PM	-0.9 5.7 -0.4 5.7	-27 174 -12 174	28 Th	04:44 AM 10:44 AM 05:00 PM 10:39 PM	0.3 4.9 0.5 4.7	9 149 15 143	13 Sa	06:04 AM 12:23 PM 06:46 PM	-0.1 5.5 0.2	-3 168 6	28 Su	05:13 AM 11:10 AM 05:56 PM 11:33 PM	0.5 5.1 0.6 4.4	15 155 18 134	
14 M	04:31 AM 10:27 AM 04:46 PM 10:44 PM	-0.9 5.3 -0.4 6.0	-27 162 -12 183	29 Tu	04:44 AM 10:50 AM 04:48 PM 10:42 PM	0.1 4.6 0.6 4.9	3 140 18 149	14 Th	05:43 AM 11:58 AM 06:15 PM	-0.7 5.7 -0.1	-21 174 -3	29 F	05:14 AM 11:15 AM 05:36 PM 11:13 PM	0.4 4.9 0.7 4.6	12 149 21 140	14 Su	12:53 AM 06:54 AM 01:18 PM 07:45 PM	4.9 0.4 5.3 0.6	149 12 162 18	29 M	05:47 AM 11:58 AM 06:45 PM	0.6 5.1 0.7	18 155 21	
15 Tu	05:20 AM 11:26 AM 05:39 PM 11:43 PM	-0.9 5.4 -0.3 5.8	-27 165 -9 177	30 W	05:18 AM 11:29 AM 05:24 PM 11:16 PM	0.3 4.6 0.7 4.7	9 140 21 143	15 F	12:20 AM 06:33 AM 12:54 PM 07:12 PM	5.4 -0.3 5.5 0.2	165 -9 168 6	30 Sa	05:40 AM 11:50 AM 06:13 PM 11:55 PM	0.6 4.9 0.8 4.4	18 149 24 134	15 M	01:49 AM 07:51 AM 02:12 PM 08:49 PM	4.6 0.8 5.0 0.8	140 24 152 24	30 Tu	12:30 AM 06:32 AM 12:55 PM 07:50 PM	4.3 0.8 5.1 0.8	131 24 155 24	
31 Th	05:49 AM 12:07 PM 06:00 PM 11:50 PM	0.4 4.6 0.9 4.5	12 140 27 137					31 Su	06:09 AM 12:31 PM 07:01 PM	0.7 4.9 1.0	21 149 30													



THE BATTERY, New York, 2014

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

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 W 07:44 AM 01:57 PM 09:03 PM	4.3 131 1.0 30 5.1 155 5.8 24	16 Th 03:12 AM 09:20 AM 03:24 PM 10:24 PM	4.2 128 1.3 40 4.4 134 0.9 27	1 Sa 03:35 AM 10:11 AM 03:56 PM 10:44 PM	4.6 140 0.5 15 5.0 152 0.0 0	16 Su 03:20 AM 09:35 AM 03:25 PM 10:03 PM	4.1 125 1.1 34 4.0 122 0.6 18	1 M 03:22 AM 09:56 AM 03:43 PM 10:14 PM	4.8 146 0.1 3 4.6 140 -0.4 -12	16 Tu 03:17 AM 09:48 AM 03:20 PM 10:02 PM	4.1 125 0.8 24 3.7 113 0.5 15	2 Th 02:37 AM 09:14 AM 03:02 PM 10:09 PM	4.3 131 0.9 27 5.1 155 0.5 15	17 F 04:07 AM 10:19 AM 04:20 PM 11:00 PM	4.2 128 1.2 37 4.4 134 0.8 24	2 Su 03:40 AM 10:12 AM 04:02 PM 10:37 PM	4.9 149 0.2 6 5.0 152 -0.3 -9	17 M 04:11 AM 10:25 AM 04:19 PM 10:46 PM	4.3 131 0.9 27 4.1 125 0.5 15	2 Tu 04:23 AM 10:53 AM 04:46 PM 11:05 PM	5.1 155 -0.1 -3 4.6 140 -0.5 -15	17 W 04:07 AM 10:39 AM 04:18 PM 10:47 PM	4.3 131 0.6 18 3.7 113 0.3 9	3 F 03:45 AM 10:25 AM 04:11 PM 11:07 PM	4.5 137 0.7 21 5.2 158 0.2 6	18 Sa 05:02 AM 11:11 AM 05:15 PM 11:44 PM	4.3 131 1.1 34 4.4 134 0.6 18	3 M 04:42 AM 11:09 AM 05:04 PM 11:28 PM	5.2 158 -0.1 -3 5.1 155 -0.5 -15	18 Tu 04:58 AM 11:12 AM 05:09 PM 11:27 PM	4.5 137 0.6 18 4.2 128 0.3 9	3 W 05:20 AM 11:47 AM 05:43 PM 11:55 PM	5.3 162 -0.3 -9 4.7 143 -0.5 -15	18 Th 04:56 AM 11:27 AM 05:13 PM 11:32 PM	4.5 137 0.3 9 3.9 119 0.1 3	4 Sa 04:54 AM 11:26 AM 05:20 PM	4.8 146 0.3 9 5.3 162	19 Su 05:53 AM 11:58 AM 06:06 PM	4.5 137 0.9 27 4.5 137	4 Tu 05:38 AM 12:03 PM 06:00 PM	5.5 168 -0.3 -9 5.2 158	19 W 05:41 AM 11:58 AM 05:54 PM	4.8 146 0.3 9 4.3 131	4 Th 06:11 AM 12:38 PM 06:35 PM	5.4 165 -0.5 -15 4.7 143	19 F 05:41 AM 12:15 PM 06:02 PM	4.8 146 0.0 0 4.1 125	5 Su 12:00 AM 05:59 AM 12:23 PM 06:22 PM	-0.1 -3 5.1 155 0.0 0 5.6 171	20 M 12:26 AM 06:39 AM 12:44 PM 06:51 PM	0.5 15 4.8 146 0.6 18 4.6 140	5 W 12:17 AM 06:28 AM 12:55 PM 06:51 PM	-0.6 -18 5.8 177 -0.5 -15 5.3 162	20 Th 12:08 AM 06:19 AM 12:43 PM 06:34 PM	0.2 6 5.1 155 0.1 3 4.4 134	5 F 12:44 AM 06:58 AM 01:28 PM 07:23 PM	-0.5 -15 5.5 168 -0.6 -18 4.7 143	20 Sa 12:19 AM 06:24 AM 01:03 PM 06:47 PM	-0.1 -3 5.1 155 -0.3 -9 4.3 131	6 M 12:51 AM 06:55 AM 01:18 PM 07:17 PM	-0.4 -12 5.5 168 -0.3 -9 5.7 174	21 Tu 01:06 AM 07:19 AM 01:28 PM 07:30 PM	0.3 9 5.0 152 0.4 12 4.7 143	6 Th 01:06 AM 07:14 AM 01:46 PM 07:39 PM	-0.6 -18 5.9 180 -0.6 -18 5.2 158	21 F 12:50 AM 06:54 AM 01:28 PM 07:12 PM	0.0 0 5.3 162 -0.1 -3 4.5 137	6 Sa 01:31 AM 07:41 AM 02:16 PM 08:09 PM	-0.5 -15 5.5 168 -0.6 -18 4.7 143	21 Su 01:06 AM 07:06 AM 01:51 PM 07:31 PM	-0.3 -9 5.4 165 -0.6 -18 4.4 134	7 Tu 01:41 AM 07:46 AM 02:11 PM 08:07 PM	-0.6 -18 5.9 180 -0.5 -15 5.8 177	22 W 01:46 AM 07:55 AM 02:11 PM 08:06 PM	0.2 6 5.2 158 0.2 6 4.8 146	7 F 01:53 AM 07:59 AM 02:34 PM 08:26 PM	-0.6 -18 5.9 180 -0.6 -18 5.1 155	22 Sa 01:32 AM 07:28 AM 02:13 PM 07:50 PM	-0.1 -3 5.4 165 -0.3 -9 4.5 137	7 Su 02:17 AM 08:23 AM 03:01 PM 08:55 PM	-0.4 -12 5.4 165 -0.5 -15 4.5 137	22 M 01:55 AM 07:49 AM 02:38 PM 08:17 PM	-0.5 -15 5.5 168 -0.8 -24 4.6 140	8 W 02:30 AM 08:33 AM 03:03 PM 08:56 PM	-0.7 -21 6.1 186 -0.6 -18 5.7 174	23 Th 02:25 AM 08:27 AM 02:54 PM 08:39 PM	0.2 6 5.3 162 0.1 3 4.8 146	8 Sa 02:39 AM 08:43 AM 03:21 PM 09:15 PM	-0.4 -12 5.7 174 -0.5 -15 4.9 149	23 Su 02:15 AM 08:05 AM 02:58 PM 08:31 PM	-0.2 -6 5.5 168 -0.4 -12 4.5 137	8 M 03:01 AM 09:06 AM 03:44 PM 09:43 PM	-0.2 -6 5.2 158 -0.4 -12 4.4 134	23 Tu 02:43 AM 08:35 AM 03:25 PM 09:08 PM	-0.6 -18 5.6 171 -0.9 -27 4.6 140	9 Th 03:18 AM 09:20 AM 03:53 PM 09:45 PM	-0.7 -21 6.1 186 -0.6 -18 5.5 168	24 F 03:03 AM 08:57 AM 03:36 PM 09:12 PM	0.1 3 5.4 165 0.0 0 4.7 143	9 Su 03:24 AM 09:30 AM 04:07 PM 10:07 PM	-0.2 -6 5.5 168 -0.2 -6 4.6 140	24 M 02:59 AM 08:47 AM 03:43 PM 09:19 PM	-0.2 -6 5.5 168 -0.4 -12 4.5 137	9 Tu 03:43 AM 09:50 AM 04:26 PM 10:32 PM	0.0 0 4.9 149 -0.2 -6 4.2 128	24 W 03:32 AM 09:26 AM 04:12 PM 10:04 PM	-0.6 -18 5.5 168 -0.9 -27 4.6 140	10 F 04:04 AM 10:08 AM 04:42 PM 10:37 PM	-0.6 -18 6.0 183 -0.4 -12 5.3 162	25 Sa 03:40 AM 09:28 AM 04:17 PM 09:47 PM	0.1 3 5.4 165 0.0 0 4.6 140	10 M 04:08 AM 10:18 AM 04:53 PM 11:01 PM	0.1 3 5.2 158 0.0 0 4.4 134	25 Tu 03:43 AM 09:35 AM 04:29 PM 10:15 PM	-0.1 -3 5.4 165 -0.4 -12 4.4 134	10 W 04:24 AM 10:35 AM 05:08 PM 11:22 PM	0.3 9 4.7 143 0.0 0 4.1 125	25 Th 04:22 AM 10:22 AM 05:01 PM 11:04 PM	-0.5 -15 5.4 165 -0.8 -24 4.6 140	11 Sa 04:49 AM 10:58 AM 05:30 PM 11:31 PM	-0.3 -9 5.7 174 -0.2 -6 4.9 149	26 Su 04:17 AM 10:04 AM 04:59 PM 10:30 PM	0.2 6 5.4 165 0.0 0 4.5 137	11 Tu 04:52 AM 11:09 AM 05:41 PM 11:54 PM	0.5 15 4.9 149 0.3 9 4.2 128	26 W 04:31 AM 10:32 AM 05:19 PM 11:17 PM	0.0 0 5.3 162 -0.3 -9 4.4 134	11 Th 05:05 AM 11:22 AM 05:52 PM	0.5 15 4.4 134 0.3 9	26 F 05:16 AM 11:22 AM 05:53 PM	-0.3 -9 5.1 155 -0.7 -21	12 Su 05:35 AM 11:50 AM 06:20 PM	0.1 3 5.4 165 0.2 6	27 M 04:56 AM 10:47 AM 05:43 PM 11:22 PM	0.3 9 5.3 162 0.1 3 4.4 134	12 W 05:39 AM 12:01 PM 06:33 PM	0.8 24 4.6 140 0.6 18	27 Th 05:26 AM 11:33 AM 06:15 PM	0.2 6 5.1 155 -0.2 -6	12 F 12:11 AM 05:51 AM 12:08 PM 06:39 PM	4.0 122 0.8 24 4.2 128 0.5 15	27 Sa 12:04 AM 06:18 AM 12:21 PM 06:51 PM	4.7 143 -0.1 -3 4.9 149 -0.5 -15	13 M 12:28 AM 06:22 AM 12:44 PM 07:14 PM	4.7 143 0.5 15 5.1 155 0.5 15	28 Tu 05:38 AM 11:41 AM 06:33 PM	0.4 12 5.2 158 0.3 9	13 Th 12:47 AM 06:34 AM 12:51 PM 07:29 PM	4.1 125 1.1 34 4.4 134 0.8 24	28 F 12:20 AM 06:32 AM 12:35 PM 07:17 PM	4.5 137 0.3 9 5.0 152 -0.1 -3	13 Sa 12:57 AM 06:46 AM 12:52 PM 07:31 PM	3.9 119 1.0 30 4.0 122 0.6 18	28 Su 01:02 AM 07:26 AM 01:20 PM 07:53 PM	4.7 143 0.1 3 4.6 140 -0.4 -12	14 Tu 01:23 AM 07:15 AM 01:38 PM 08:13 PM	4.4 134 0.9 27 4.8 146 0.8 24	29 W 12:24 AM 06:30 AM 12:42 PM 07:34 PM	4.3 131 0.6 18 5.1 155 0.4 12	14 F 01:37 AM 07:37 AM 01:40 PM 08:25 PM	4.0 122 1.3 40 4.2 128 0.8 24	29 Sa 01:20 AM 07:45 AM 01:36 PM 08:21 PM	4.5 137 0.4 12 4.8 146 -0.1 -3	14 Su 01:43 AM 07:50 AM 01:38 PM 08:25 PM	3.9 119 1.1 34 3.8 116 0.7 21	29 M 02:00 AM 08:34 AM 02:20 PM 08:53 PM	4.7 143 0.1 3 4.4 134 -0.3 -9	15 W 02:18 AM 08:16 AM 02:31 PM 09:14 PM	4.3 131 1.2 37 4.6 140 0.9 27	30 Th 01:28 AM 07:41 AM 01:46 PM 08:41 PM	4.3 131 0.7 21 5.0 152 0.4 12	15 Sa 02:28 AM 08:39 AM 02:31 PM 09:17 PM	4.1 125 1.2 37 4.1 125 0.7 21	30 Su 02:20 AM 08:54 AM 02:39 PM 09:20 PM	4.7 143 0.3 9 4.7 143 -0.2 -6	15 M 02:29 AM 08:53 AM 02:26 PM 09:15 PM	4.0 122 1.0 30 3.7 113 0.6 18	30 Tu 03:00 AM 09:38 AM 03:23 PM 09:50 PM	4.7 143 0.0 0 4.2 128 -0.3 -9	31 W 04:02 AM 10:36 AM 04:27 PM 10:44 PM	4.8 146 -0.1 -3 4.2 128 -0.3 -9

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.