Paddle around Randall's Island; head to Hell Gate, Harlem River, North and South Brother Island!

> U Thant Island. inhabited by nesting cormorants & black backed seagulls

> > Amazing sunset and Manhattanhenge views

Bottlenose dolphin and harbor seal sighted March 2013

> Bushwick Inlet historic launch site for the USS Monitor.

**Broadway** 

Stages Boatyard,

NBBC's launch at

49 Ash Street.

Pippin Beach, named for the Newtown Pippin Apple tree that grows here

Wallabout Channel, a calm place for paddlers to pause

## Get to Know North Brooklyn Waters

Anable Basin. a quick paddle away and home to LIC Community Boathouse

Low bridge! Watch your head paddling into **Dutch** Kills and say hi to our friends at LaGuardia Community College

Whale Creek, home of NYC's wildest park, the **Newtown** Creek Nature Walk

Maspeth Creek, home to kingfishers, egrets, cormorants and a great blue heron; low tides often reveal sunken cars and noxious odors

Oil Spill Remediation Site for 2nd largest spill in US history

NC-083, the largest of 23 combined sewer overflow (CSO) outfalls in Newtown Creek, releases 500+ million gallons of untreated wastewater each year. Report dry weather overflows to 311.

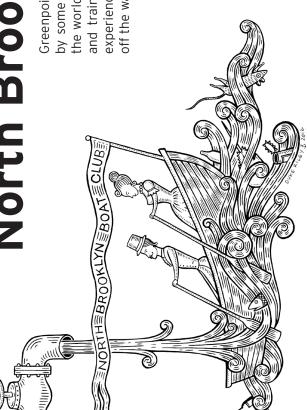
## Special Thanks to:

Sponsors: Allocco Recycling, Box House Hotel, Broadway Stages, Build It Green NYC, City Councilperson Steve Levin, Hudson River Foundation, NY Distillery, State Assemblyman Joe Lentol and TNT Scrap

Partners: Greenpoint Waterfront Association for Parks and Planning, LaGuardia Community College, Newtown Creek Alliance, Open Space Alliance for North Brooklyn

## North

Visit our boatyard:



EAST RIVER

Voyage to Brooklyn Bridge Park, Governor's Island, Red Hook and beyond!

Ash St (at McGuinness Blvd) NorthBrooklynBoatClub.org @NorthBkBoatClub

ooat building & restoration

wildlife monitoring

|          | 1                | 2                | 3               | 4                | 5                | 6                | 7                | 8                | 9               | 10               | 11               | 12              | 13               | 14               | 15               | 16             | 17               | 18               | 19               | 20               | 21               | 22               | 23              | 24              | 25              | 26               | 27               | 28               | 29               | 30               | 31               |
|----------|------------------|------------------|-----------------|------------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|-----------------|------------------|------------------|------------------|----------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|
|          | 6:24-            | 0:33+            | 1:17+           | 2:06+            | 3:02+            | 4:03+            | 5:07+            | 0:20-            | 1:22-           | 2:21-            | 3:18-            | 4:12-           | 5:05-            | 5:58-            | 0:10+            | 1:00+          | 1:51+            | 2:42+            | 3:35+            | 4:29+            | 5:22+            | 0:33-            | 1:20-           | 2:04-           | 2:45-           | 3:24-            | 4:02-            | 4:40-            | 5:18-            | 5:57-            | 0:08+            |
| Jan      | 12:13+           | 7:06-            | 7:53-           | 8:47-            | 9:47-            | 10:53-           | 11:59-           | 6:12+            | 7:14+           | 8:13+            | 9:09+            | 10:03+          | 10:55+           | 11:46+           | 6:50-            | 7:42-          | 8:36-            | 9:31-            | 10:27-           | 11:22-           | 12:15-           | 6:13+            | 7:01+           | 7:47+           | 8:30+           | 9:11+            | 9:51+            | 10:30+           | 11:10+           | 11:51+           | 6:40-            |
| Jouin    | 18:51-           | 12:56+           | 13:43+          | 14:36+           | 15:34+           | 16:37+           | 17:42+           | 13:03-           | 14:03-          | 15:00-           | 15:54-           | 16:46-          | 17:37-           | 18:28-           | 12:36+           |                | 14:18+           | 15:10+           | 16:03+           | 16:57+           | 17:49+           | 13:05-           |                 | 14:33-          | 15:13-          | 15:51-           | 16:29-           | 17:05-           | 17:42-           | 18:20-           | 12:33+           |
| $\vdash$ | 0.50             | 19:33-           | 20:19-          | 21:12-           | 22:11-           | 23:15-           | 4.00             | 18:45+           | 19:45+          | 20:42+           | 21:37+           | 22:29+          | 23:20+           | 0.00             | 19:18-           |                | 21:01-           | 21:55-           | 22:49-           | 23:43-           | 0.40             | 18:39+           |                 | 20:09+          | 20:51+          | 21:31+           | 22:09+           | 22:48+           | 23:27+           |                  | 19:02-           |
|          | 0:52+<br>7:26-   | 1:42+<br>8:20-   | 2:38+<br>9:20-  | 3:41+<br>10:28-  | 4:50+<br>11:39-  | 0:02-<br>5:58+   | 1:08-<br>7:03+   | 2:09-<br>8:03+   | 3:05-<br>8:58+  | 3:57-<br>9:50+   | 4:47-<br>10:39+  | 5:35-<br>11:26+ | 6:22-<br>12:12+  | 0:32+<br>7:09-   | 1:18+<br>7:57-   | 2:06+<br>8:46- | 2:56+<br>9:38-   | 3:48+<br>10:33-  | 4:43+<br>11:29-  | 5:37+<br>12:22-  | 0:40-<br>6:29+   | 1:27-<br>7:18+   | 2:11-<br>8:03+  | 2:52-<br>8:46+  | 3:32-<br>9:27+  | 4:11-<br>10:08+  | 4:51-<br>10:49+  | 5:32-<br>11:31+  |                  |                  |                  |
| Feb      | 13:20+           | 14:13+           | 15:12+          | 16:18+           | 17:26+           | 12:46-           | 13:48-           | 14:45-           | 15:37-          | 16:26-           | 17:14-           | 18:00-          | 18:45-           | 12:58+           | 13:45+           |                | 15:24+           | 16:17+           | 17:12+           | 18:05+           | 13:11-           | 13:56-           |                 | 15:17-          | 15:55-          | 16:33-           | 17:11-           | 17:51-           |                  |                  | ı '              |
|          | 19:48-           | 20:41-           | 21:43-          | 22:52-           | 17.20            | 18:32+           | 19:33+           | 20:30+           | 21:23+          | 22:12+           | 23:00+           | 23:46+          | 10.10            | 19:31-           |                  | 21:08-         | 22:00-           | 22:55-           | 23:49-           | 10.00            | 18:54+           | 19:40+           |                 | 21:04+          | 21:44+          | 22:24+           | 23:04+           | 23:47+           |                  |                  |                  |
|          | 6:16-            | 0:34+            | 1:25+           | 2:24+            | 3:29+            | 4:39+            | 5:49+            | 0:55-            | 1:55-           | 3:49-            | 4:38-            | 5:25-           | 6:09-            | 0:20+            | 1:03+            | 1:46+          | 2:30+            | 3:17+            | 4:08+            | 5:03+            | 0:01-            | 0:56-            | 1:46-           | 2:33-           | 3:18-           | 4:01-            | 4:43-            | 5:26-            | 6:11-            | 0:29+            | 1:18+            |
|          | 12:15+           | 7:04-            | 7:59-           | 9:01-            | 10:10-           | 11:22-           | 12:30-           | 6:53+            | 7:52+           | 9:45+            | 10:33+           | 11:19+          | 12:03+           | 6:52-            | 7:35-            | 8:18-          | 9:03-            | 9:51-            | 10:44-           | 11:39-           | 5:59+            | 6:53+            | 7:44+           | 8:31+           | 9:16+           | 10:00+           | 10:43+           | 11:27+           | 12:12+           | 6:58-            | 7:49-            |
| Mar      | 18:35-           | 13:04+           | 13:58+          | 14:59+           | 16:06+           | 17:15+           | 18:21+           | 13:31-           | 14:26-          | 16:16-           | 17:02-           | 17:46-          | 18:29-           | 12:46+           | 13:28+           |                | 14:57+           | 15:46+           | 16:38+           | 17:33+           | 12:35-           | 13:27-           |                 | 14:59-          | 15:41-          | 16:21-           | 17:02-           | 17:44-           | 18:28-           | 12:59+           | 13:50+           |
|          |                  | 19:23-           | 20:19-          | 21:23-           | 22:35-           | 23:48-           |                  | 19:21+           | 20:16+          | 22:06+           | 22:53+           | 23:37+          |                  | 19:11-           | 19:53-           | 20:36-         | 21:21-           | 22:11-           | 23:05-           |                  | 18:27+           | 19:18+           | 20:06+          | 20:51+          | 21:34+          | 22:16+           | 22:59+           | 23:43+           |                  | 19:15-           | 20:07-           |
|          | 2:13+            | 3:13+            | 4:19+           | 5:29+            | 0:37-            | 1:42-            | 2:39-            | 3:31-            | 4:17-           | 5:01-            | 5:43-            | 6:23-           | 0:32+            | 1:13+            | 1:55+            | 2:40+          | 3:28+            | 4:20+            | 5:15+            | 0:11-            | 1:05-            | 1:56-            | 2:45-           | 3:32-           | 4:19-           | 5:07-            | 5:55-            | 0:12+            | 1:05+            | 2:01+            |                  |
| Apr      | 8:46-            | 9:49-            | 10:58-          | 12:08-           | 6:37+            | 7:39+            | 8:35+            | 9:25+            | 10:11+          | 10:54+           | 11:36+           | 12:16+          | 7:03-            | 7:44-            | 8:27-            | 9:12-          | 10:01-           | 10:54-           | 11:49-           | 6:10+            | 7:03+            | 7:54+            | 8:42+           | 9:29+           | 10:16+          | 11:04+           | 11:52+           | 6:46-            | 7:40-            | 8:39-            | ı '              |
| Ap.      | 14:47+           | 15:49+           | 16:56+          | 18:03+           | 13:13-           | 14:12-           | 15:05-           | 15:52-           | 16:37-          | 17:18-           | 17:59-           | 18:38-          | 12:57+           | 13:38+           | 14:22+           | 15:08+         | 15:57+           | 16:50+           | 17:43+           | 12:42-           | 13:32-           | 14:19-           | 15:05-          | 15:50-          | 16:35-          | 17:22-           | 18:11-           | 12:43+           | 13:37+           | 14:35+           | i '              |
|          | 21:06-           | 22:14-           | 23:26-          | 0.04             | 19:07+           | 20:05+           | 20:57+           | 21:44+           | 22:28+          | 23:11+           | 23:51+           | 0.04            | 19:18-           | 19:59-           |                  | 21:29-         | 22:21-           | 23:16-           | 5.04             | 18:36+           | 19:26+           | 20:14+           |                 | 21:47+          | 22:34+          | 23:22+           | 0.07             | 19:03-           | 19:59-           | 21:01-           | 0.40             |
|          | 3:02+<br>9:41-   | 4:07+<br>10:47-  | 5:13+<br>11:53- | 0:24-<br>6:17+   | 1:26-<br>7:17+   | 2:21-<br>8:10+   | 3:10-<br>8:59+   | 3:56-<br>9:43+   | 4:38-<br>10:25+ | 5:18-<br>11:06+  | 5:57-<br>11:45+  | 0:01+<br>6:36-  | 0:41+<br>7:16-   | 1:21+<br>7:57-   | 2:04+<br>8:40-   | 2:49+<br>9:25- | 3:38+<br>10:14-  | 4:30+<br>11:05-  | 5:24+<br>11:57-  | 0:26-<br>6:19+   | 1:21-<br>7:14+   | 2:15-<br>8:07+   | 3:07-<br>8:59+  | 3:59-<br>9:50+  | 4:51-<br>10:42+ | 5:43-<br>11:34+  | 6:37-<br>12:27+  | 0:52+<br>7:32-   | 1:48+<br>8:30-   | 2:48+<br>9:30-   | 3:49+            |
| May      | 9.41-<br>15:37+  | 16:41+           | 17:45+          | 12:55-           | 13:51-           | 14:42-           | 15:28-           | 16:11-           | 16:52-          |                  | 18:10-           | 12:25+          | 13:05+           | 13:47+           | 14:30+           |                | 16:05+           | 16:57+           | 17:50+           | 12:50-           | 13:42-           | 14:32-           | 15:23-          | 9.50+<br>16:14- |                 | 17:59-           | 18:54-           | 7.32-<br>13:22+  | 0.30-<br>14:20+  | 9.30-<br>15:19+  | 10:31-<br>16:20+ |
|          | 22:08-           | 23:17-           | 17.70           | 18:46+           | 19:41+           | 20:31+           | 21:17+           | 22:00+           | 22:41+          | 23:21+           | 10.10-           | 18:49-          | 19:28-           | 20:10-           | 20:54-           |                | 22:34-           | 23:30-           | 17.50            | 18:43+           | 19:36+           | 20:28+           |                 |                 | 23:03+          | 23:57+           | 10.54            | 19:52-           | 20:53-           |                  | 23:02-           |
|          | 4:51+            | 0:05-            | 1:04-           | 1:58-            | 2:47-            | 3:32-            | 4:13-            | 4:53-            | 5:32-           | 6:11-            | 0:11+            | 0:51+           | 1:32+            | 2:15+            | 3:00+            | 3:49+          | 4:43+            | 5:40+            | 0:48-            | 1:47-            | 2:44-            | 3:41-            | 4:36-           | 5:30-           | 6:24-           | 0:39+            | 1:34+            | 2:30+            | 3:27+            | 4:24+            | 20.02            |
| 1.       | 11:33-           | 5:51+            | 6:48+           | 7:40+            | 8:28+            | 9:13+            | 9:55+            | 10:35+           | 11:15+          | 11:54+           | 6:49-            | 7:28-           | 8:08-            | 8:50-            | 9:34-            |                | 11:14-           | 12:10-           | 6:38+            | 7:36+            | 8:33+            | 9:29+            |                 | 11:18+          | 12:12+          | 7:18-            | 8:13-            | 9:09-            | 10:07-           | 11:04-           | ı '              |
| Jun      | 17:20+           | 12:32-           | 13:26-          | 14:16-           | 15:02-           | 15:45-           | 16:25-           | 17:05-           | 17:43-          | 18:22-           | 12:34+           | 13:14+          | 13:54+           | 14:37+           | 15:24+           |                | 17:09+           | 18:06+           | 13:07-           | 14:04-           | 15:01-           | 15:57-           | 16:52-          | 17:47-          | 18:43-          | 13:07+           | 14:02+           | 14:58+           | 15:54+           | 16:52+           | , '              |
|          |                  | 18:18+           | 19:12+          | 20:02+           | 20:48+           | 21:31+           | 22:12+           | 22:52+           | 23:32+          |                  | 19:00-           | 19:40-          | 20:21-           | 21:06-           | 21:56-           |                | 23:48-           |                  | 19:04+           | 20:01+           | 20:58+           | 21:54+           | 22:49+          | 23:44+          |                 | 19:40-           | 20:38-           | 21:37-           | 22:37-           | 23:37-           |                  |
|          | 5:21+            | 0:34-            | 1:28-           | 2:18-            | 3:03-            | 3:45-            | 4:25-            | 5:04-            | 5:42-           | 6:19-            | 0:25+            | 1:04+           | 1:45+            | 2:29+            | 3:17+            | 4:11+          | 5:09+            | 0:17-            | 1:22-            | 2:24-            | 3:23-            | 4:19-            | 5:13-           | 6:05-           | 0:24+           | 1:17+            | 2:09+            | 3:02+            | 3:55+            | 4:50+            | 5:45+            |
| Jul      | 12:01-           | 6:17+            | 7:09+           | 7:58+            | 8:43+            | 9:26+            | 10:08+           | 10:48+           | 11:27+          | 12:05+           | 6:56-            | 7:34-           | 8:12-            | 8:54-            | 9:41-            |                | 11:34-           | 6:12+            | 7:15+            | 8:16+            | 9:14+            | 10:10+           |                 | 11:57+          | 6:57-           | 7:48-            | 8:40-            | 9:33-            | 10:27-           | 11:22-           | 12:17-           |
| Jui      | 17:48+           | 12:55-           | 13:46-          | 14:33-           | 15:16-           | 15:57-           | 16:36-           | 17:15-           | 17:53-          | 18:30-           | 12:44+           | 13:23+          | 14:05+           | 14:50+           | 15:40+           |                | 17:38+           | 12:37-           | 13:41-           | 14:43-           | 15:41-           | 16:38-           | 17:33-          | 18:26-          | 12:49+          | 13:40+           | 14:33+           | 15:26+           | 16:21+           |                  | 18:10+           |
|          |                  | 18:42+           | 19:32+          | 20:19+           | 21:03+           | 21:46+           | 22:26+           | 23:06+           | 23:45+          |                  | 19:08-           | 19:48-          | 20:30-           | 21:18-           | 22:12-           | 23:13-         |                  | 18:41+           | 19:44+           | 20:44+           | 21:42+           | 22:38+           | 23:31+          |                 | 19:20-          | 20:13-           | 21:07-           | 22:03-           | 22:59-           | 23:56-           |                  |
|          | 0:50-            | 1:42-            | 2:29-           | 3:12-            | 3:53-            | 4:32-            | 5:09-            | 5:45-            | 0:00+           | 0:39+            | 1:20+            | 2:04+           | 2:53+            | 3:48+            | 4:50+            | 5:56+          | 1:01-            | 2:06-            | 3:05-            | 4:00-            | 4:52-            | 5:42-            | 0:07+           | 0:56+           | 1:44+           | 2:33+            | 3:24+            | 4:17+            | 5:11+            | 0:07-            | 1:00-            |
| Aug      | 6:38+<br>13:09-  | 7:29+<br>13:58-  | 8:16+<br>14:43- | 9:00+<br>15:25-  | 9:42+<br>16:05-  | 10:22+<br>16:43- | 11:00+<br>17:21- | 11:38+<br>17:58- | 6:21-<br>12:16+ | 6:57-<br>12:55+  | 7:35-<br>13:37+  | 8:17-<br>14:23+ | 9:05-<br>15:16+  | 10:01-<br>16:15+ | 11:05-<br>17:20+ |                | 7:01+<br>13:23-  | 8:04+<br>14:28-  | 9:02+<br>15:27-  | 9:57+<br>16:22-  | 10:49+<br>17:14- | 11:39+<br>18:05- | 6:30-<br>12:28+ | 7:17-<br>13:16+ | 8:05-<br>14:05+ | 8:54-<br>14:55+  | 9:45-<br>15:47+  | 10:38-<br>16:42+ | 11:33-<br>17:37+ | 6:06+<br>12:28-  | 6:58+<br>13:19-  |
|          | 19:03+           | 19:52+           | 20:38+          | 21:21+           | 22:02+           | 22:42+           | 23:21+           | 17.30-           | 18:35-          | 19:15-           | 19:57-           | 20:45-          | 21:40-           | 22:43-           | 23:52-           | 10.21+         |                  | 20:35+           | 21:32+           | 22:26+           | 23:17+           | 10.03-           | 18:54-          | 19:43-          | 20:32-          | 21:23-           | 22:16-           | 23:11-           | 11.31+           | 18:31+           | 19:22+           |
| $\vdash$ | 1:50-            | 2:35-            | 3:17-           | 3:56-            | 4:33-            | 5:10-            | 5:46-            | 0:15+            | 0:57+           | 1:43+            | 2:34+            | 3:32+           | 4:36+            | 5:44+            | 0:45-            | 1:50-          | 2:48-            | 3:41-            | 4:30-            | 5:17-            | 6:02-            | 0:30+            | 1:15+           | 2:01+           | 2:49+           | 3:40+            | 4:33+            | 5:27+            | 0:17-            | 1:09-            | 10.22            |
|          | 7:47+            | 8:31+            | 9:13+           | 9:53+            | 10:32+           | 11:10+           | 11:49+           | 6:23-            | 7:03-           | 7:48-            | 8:39-            | 9:39-           | 10:48-           | 12:02-           | 6:51+            | 7:52+          | 8:49+            | 9:41+            | 10:30+           | 11:17+           | 12:03+           | 6:46-            | 7:30-           | 8:16-           | 9:03-           | 9:54-            | 10:49-           | 11:45-           | 6:20+            | 7:10+            | , '              |
| Sep      | 14:07-           | 14:51-           | 15:32-          | 16:11-           | 16:49-           | 17:27-           | 18:06-           | 12:30+           | 13:14+          | 14:02+           | 14:57+           | 16:00+          | 17:08+           | 18:17+           | 13:12-           | 14:16-         | 15:13-           | 16:06-           | 16:55-           | 17:42-           | 18:28-           | 12:48+           |                 | 14:20+          | 15:10+          | 16:02+           | 16:57+           |                  | 12:39-           | 13:29-           | i '              |
|          | 20:10+           | 20:54+           | 21:36+          | 22:16+           | 22:55+           | 23:35+           |                  | 18:47-           | 19:32-          | 20:21-           | 21:18-           | 22:24-          | 23:35-           |                  | 19:23+           | 20:24+         | 21:19+           | 22:10+           | 22:58+           | 23:45+           |                  | 19:13-           | 19:58-          | 20:45-          | 21:34-          | 22:27-           | 23:23-           |                  | 18:45+           | 19:34+           |                  |
|          | 1:56-            | 2:39-            | 3:20-           | 3:59-            | 4:38-            | 5:17-            | 5:58-            | 0:35+            | 1:23+           | 2:17+            | 3:17+            | 4:23+           | 5:30+            | 0:33-            | 1:36-            | 2:32-          | 3:22-            | 4:10-            | 4:54-            | 5:37-            | 0:01+            | 0:43+            | 1:26+           | 2:11+           | 2:58+           | 3:48+            | 4:40+            | 5:33+            | 0:27-            | 1:16-            | 2:02-            |
| 0-4      | 7:56+            | 8:39+            | 9:20+           | 10:00+           | 10:41+           | 11:22+           | 12:06+           | 6:42-            | 7:31-           | 8:26-            | 9:30-            | 10:42-          | 11:55-           | 6:35+            | 7:35+            | 8:30+          | 9:20+            | 10:07+           | 10:51+           | 11:34+           | 6:19-            | 7:01-            | 7:43-           | 8:28-           | 9:16-           | 10:08-           | 11:03-           | 11:58-           | 6:24+            | 7:12+            | 7:58+            |
| Oct      | 14:15-           | 14:58-           | 15:40-          | 16:20-           | 17:01-           | 17:43-           | 18:28-           | 12:53+           | 13:44+          | 14:42+           | 15:46+           | 16:55+          | 18:04+           | 13:04-           | 14:05-           | 15:00-         | 15:50-           | 16:37-           | 17:21-           | 18:04-           | 12:17+           | 13:00+           |                 | 14:29+          | 15:18+          | 16:10+           | 17:05+           | 17:58+           | 12:51-           | 13:40-           | 14:27-           |
| $\perp$  | 20:20+           | 21:03+           | 21:45+          | 22:26+           | 23:07+           | 23:50+           |                  | 19:16-           | 20:08-          | 21:08-           | 22:15-           | 23:25-          |                  | 19:08+           | 20:07+           |                | 21:49+           | 22:34+           | 23:18+           |                  | 18:46-           | 19:28-           |                 | 20:59-          | 21:48-          | 22:41-           | 23:35-           |                  | 18:50+           |                  | 20:25+           |
|          | 2:46-            | 3:28-            | 3:11-           | 3:55-            | 4:41-            | 5:30-            | 0:05+            | 1:00+            | 2:01+           | 3:05+            | 4:10+            | 5:13+           | 0:21-            | 1:15-            | 2:05-            | 2:50-          | 3:34-            | 4:15-            | 4:55-            | 5:36-            | 6:16-            | 0:32+            | 1:15+           | 2:01+           | 2:49+           | 3:39+            | 4:31+            | 5:23+            | 0:24-            | 1:13-            |                  |
| Nov      | 8:43+            | 9:27+            | 9:11+           | 9:57+            | 10:44+           | 11:34+           | 6:24-            | 7:23-            | 8:28-           | 9:38-            | 10:48-           | 11:54-          | 6:12+            | 7:06+            | 7:55+            | 8:40+          | 9:24+            | 10:05+           | 10:46+           | 11:26+           | 12:07+           | 6:59-            | 7:43-           | 8:31-           | 9:22-           | 10:16-           | 11:11-           | 12:04-           | 6:15+            | 7:05+            |                  |
| '        | 15:12-<br>21:10+ | 15:57-<br>21:54+ | 15:42-          | 16:28-<br>22:25+ | 17:16-<br>23:14+ | 18:07-           | 12:28+<br>19:03- | 13:27+<br>20:03- | 14:30+          | 15:37+<br>22:16- | 16:43+<br>23:21- | 17:46+          | 12:53-<br>18:43+ | 13:46-           | 14:35-<br>20:22+ | 15:19-         | 16:02-<br>21:49+ | 16:43-<br>22:29+ | 17:23-<br>23:10+ | 18:04-<br>23:50+ | 18:45-           | 12:50+<br>19:28- |                 | 14:22+          | 15:13+          | 16:06+<br>22:43- | 17:00+<br>23:34- | 17:53+           | 12:56-<br>18:44+ | 13:47-<br>19:35+ |                  |
|          | 2:02-            |                  | 21:39+          |                  |                  | 6.40             | _                |                  | 21:09-          |                  |                  | 0.04            |                  | 19:35+           | 2:31-            |                |                  | 4:33-            |                  |                  | 6.20             | 0:37+            |                 | 21:01-          | 21:52-          |                  |                  | E.2F.            | 0:42-            |                  | 2.24             |
|          | 2:02-<br>7:55+   | 2:50-<br>8:45+   | 3:40-<br>9:35+  | 4:31-<br>10:26+  | 5:24-<br>11:19+  | 6:19-<br>12:14+  | 0:44+<br>7:19-   | 1:42+<br>8:21-   | 2:43+<br>9:27-  | 3:45+<br>10:34-  | 4:46+<br>11:37-  | 0:01-<br>5:44+  | 0:56-<br>6:38+   | 1:45-<br>7:28+   | 2:31-<br>8:14+   | 3:14-<br>8:56+ | 3:54-<br>9:37+   | 4:33-<br>10:17+  | 5:12-<br>10:56+  | 5:51-<br>11:36+  | 6:30-<br>12:15+  | 0:37+<br>7:10-   | 1:18+<br>7:53-  | 2:02+<br>8:40-  | 2:49+<br>9:32-  | 3:42+<br>10:28-  | 4:38+<br>11:27-  | 5:35+<br>12:25-  | 0:42-<br>6:33+   | 1:38-<br>7:30+   | 2:24-<br>8:25+   |
| Dec      | 14:36-           | 15:26-           | 16:16-          | 17:07-           | 18:01-           | 18:56-           | 13:11+           | 14:12+           | 15:14+          | 16:17+           | 17:18+           | 12:36-          | 13:29-           | 14:17-           | 15:01-           | 15:42-         | 16:22-           | 17:01-           |                  | 18:18-           | 18:57-           | 12:56+           | 13:39+          | 14:26+          | 15:17+          | 16:12+           | 17:09+           |                  | 13:22-           | 14:17-           | 15:02-           |
|          | 20:24+           |                  | 22:04+          | 22:55+           | 23:48+           | 10.50-           | 19:55-           | 20:57-           | 22:00-          | 23:02-           | 17.10*           | 18:15+          | 19:07+           |                  | 20:38+           | 21:20+         | 22:00+           | 22:39+           |                  | 23:57+           | 10.012           | 19:38-           |                 | 21:06-          | 21:56-          | 22:50-           | 23:46-           | 10.01            | 19:04+           |                  | 20:54+           |
| ш        | 20.247           | 41.197           | 22.UTT          | 22.JJ*           | 20.401           |                  | 10.00            | 20.01-           | 22.00           | 20.02            |                  | 10.10*          | 10.01            | 10.047           | 20.00            | ∠ 1.∠U+        | 22.00+           | L                | 20.10*           | 20.017           |                  | 10.00            | 20.20           | 21.00           | 21.00-          | 22.00-           | 20.40-           |                  | 10.047           | 20.00₹           | 20.047           |

## 2013 Slack Water Chart

Unlike most places, where tidal currents flood (rise or flow inbound) until high tide and then ebb (fall or flow outbound) until low tide, New York Harbor has a tidal current lag.

This chart shows predicted times of slack water, when the current is about to switch directions:

- A plus sign (+) indicates slack time at high water, meaning the current will begin ebbing or going out.
- A negative sign (-) indicates slack time at low water, meaning the current will begin flooding or coming in.

Tidal predictions are for reference only as conditions vary. Always use common sense and follow all safety protocols at all times. Tidal current predictions are sourced from the National Oceanic and Atmospheric Adminstration (NOAA) for the East River, off 31st Street in Manhattan, the nearest reference station to Broadway Stages Boatyard on Newtown Creek.