

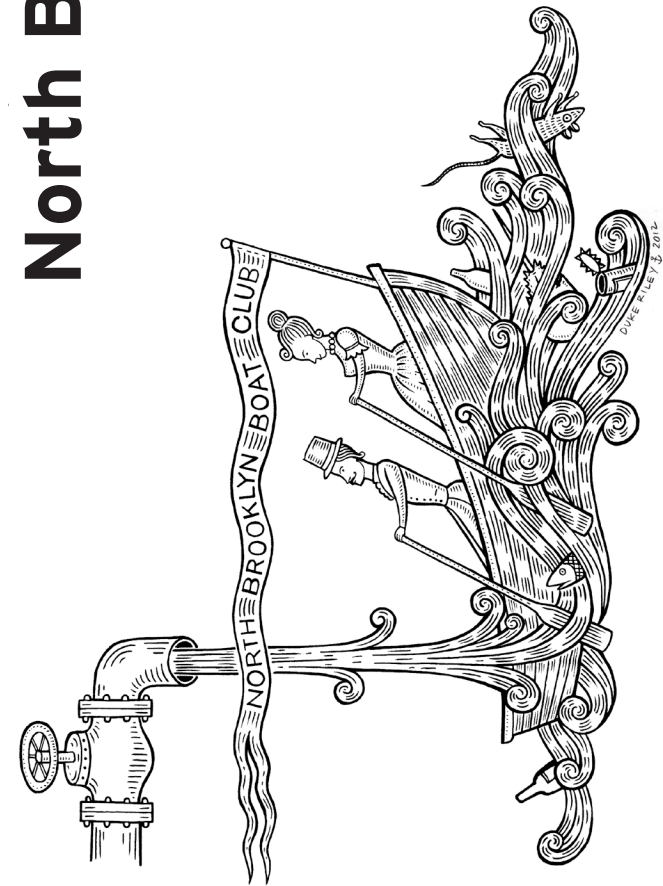


# North Brooklyn Boat Club

Greenpoint and Williamsburg are surrounded on three sides by some of the most interesting and challenging waterways in the world. North Brooklyn Boat Club has the boats, safety gear and training to get you on the water and into a new way of experiencing New York. Get involved with our programs on and off the water, including:

- guided paddles
- water quality testing
- wildlife monitoring
- boat building & restoration
- gardening & composting

Find us online: [NorthBrooklynBoatClub.org](http://NorthBrooklynBoatClub.org)  
 Twitter: @NorthBkBoatClub  
 Visit our boatyard: 49 Ash St (at McGuinness Blvd)



|     | 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                     |
|-----|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|--------------------------|------------------------|
| Jan | 6:24-12:13+18:51-19:33- | 0:33+7:06-12:56+19:33-  | 1:17+7:53-13:43+20:19-  | 2:06+8:47-14:36+21:12-  | 3:02+9:47-15:34+22:11-  | 4:03+10:53-16:37+23:15- | 5:07+11:59-17:42+13:03- | 0:20-6:12+13:03-14:03-  | 1:22-7:14+14:03-15:00-  | 2:21-8:13+15:00-20:42+  | 3:18-9:09+15:54-21:37+  | 4:12-10:03+16:46-22:29+ | 5:05-10:55+17:37-23:20+ | 5:58-11:46+18:28-12:36+ | 0:10+6:50-12:36+13:27+  | 1:00+7:42-14:18+15:10+  | 1:51+8:36-14:18+15:10+  | 2:42+9:31-10:27-16:03+  | 3:35+10:27-11:22-16:57+ | 4:29+11:22-12:15-17:49+ | 5:22+12:15-13:05-18:39+ | 0:33-6:13+7:01+13:50-   | 1:20-7:01+7:47+14:33-   | 2:04-7:47+8:30+15:13-   | 2:45-8:30+9:11+15:51-   | 3:24-9:11+9:51+16:29-   | 4:02-9:51+10:30+17:05-  | 4:40-10:30+11:10+17:42- | 5:18-11:10+11:51+18:20-  | 5:57-6:40-12:33+19:02-   |                        |
| Feb | 0:52+7:26-13:20+19:48-  | 1:42+8:20-14:13+20:41-  | 2:38+9:20-15:12+21:43-  | 3:41+10:28-16:18+22:52- | 4:50+11:39-17:26+18:32+ | 0:02-5:58+12:46-18:32+  | 1:08-7:03+13:48-19:33+  | 2:09-8:03+14:45-20:30+  | 3:05-8:58+15:37-21:23+  | 3:57-9:50+16:26-22:12+  | 4:47-10:39+17:14-23:00+ | 5:35-11:26+18:00-23:46+ | 6:22-12:12+18:45-19:31- | 0:32+7:09-13:45+20:18-  | 1:18+7:57-13:45+20:18-  | 2:06+8:46-14:33+21:08-  | 2:56+9:38-15:24+22:00-  | 3:48+10:33-16:17+23:49- | 4:43+11:29-12:22-18:05+ | 5:37+12:22-13:11-18:54+ | 0:40-6:29+7:18+13:56-   | 1:27-8:03+8:46+14:38-   | 2:11-8:03+8:46+14:38-   | 2:52-8:46+9:27+15:55-   | 3:32-9:27+10:08+16:33-  | 4:11-10:49+17:11-23:04+ | 4:51-11:31+17:51-23:47+ |                         |                          |                          |                        |
| Mar | 6:16-12:15+18:35-19:23- | 0:34+7:04-13:04+19:23-  | 1:25+7:59-13:58+20:19-  | 2:24+9:01-14:59+21:23-  | 3:29+10:10-16:06+22:35- | 4:39+11:22-17:15+23:48- | 5:49+12:30-18:21+13:31- | 0:55-6:53+13:31-19:21+  | 1:55-7:52+14:26-20:16+  | 3:49-9:45+16:16-22:06+  | 4:38-10:33+11:19-22:53+ | 5:25-11:19+12:03-23:37+ | 6:09-12:03+17:46-18:29- | 0:20+6:52-13:28+19:11-  | 1:03+7:35-14:12+19:53-  | 1:46+8:18-9:03-20:36-   | 2:30+9:03-9:51-21:21-   | 3:17+9:51-10:44-23:05-  | 4:08+11:39-12:35-17:33+ | 5:03+12:35-13:27-19:18+ | 0:01-6:53+7:44+14:15-   | 0:56-6:53+7:44+14:15-   | 1:46-7:44+8:31+15:41-   | 2:33-9:16+15:41-16:21-  | 3:18-10:00+16:21-17:02- | 4:01-10:43+17:02-17:44- | 4:43-10:43+17:02-17:44- | 5:26-11:27+12:12+18:28- | 6:11-12:12+6:58-12:59+   | 0:29+7:49-13:50+20:07-   | 1:18+                  |
| Apr | 2:13+8:46-14:47+21:06-  | 3:13+9:49-15:49+22:14-  | 4:19+10:58-16:56+23:26- | 5:29+12:08-18:03+19:07+ | 0:37-6:37+13:13-20:05+  | 1:42-7:39+14:12-20:05+  | 2:39-8:35+15:05-20:57+  | 3:31-9:25+15:52-21:44+  | 4:17-10:11+16:37-22:28+ | 5:01-10:54+17:18-23:11+ | 5:43-11:36+17:59-23:51+ | 6:23-12:16+18:38-19:18- | 0:32+7:03-12:57+19:18-  | 1:13+8:27-13:38+20:42-  | 1:55+9:12-15:08+21:29-  | 2:40+10:01-15:57+22:21- | 3:28+10:54-16:50+23:16- | 4:20+11:49-17:43+18:36+ | 5:15+11:49-17:43+18:36+ | 0:11-1:05-7:03+7:54+    | 1:05-7:03+7:54+14:19-   | 1:56-8:42+9:29+15:05-   | 2:45-8:42+9:29+15:05-   | 3:32-9:29+16:35-17:22-  | 4:19-10:16+17:22-18:11- | 5:07-11:04+12:43+19:03- | 5:55-11:52+12:43+19:03- | 0:12+6:46-7:40-13:37+   | 1:05+7:40-8:39-14:35+    | 2:01+8:39-15:19+21:01-   |                        |
| May | 3:02+9:41-15:37+22:08-  | 4:07+10:47-16:41+23:17- | 5:13+11:53-17:45+18:46+ | 0:24-6:17+12:55-19:41+  | 1:26-8:10+14:42-20:31+  | 2:21-8:10+14:42-20:31+  | 3:10-8:59+15:28-21:17+  | 3:56-9:43+16:11-22:00+  | 4:38-10:25+16:52-22:41+ | 5:18-11:06+17:31-23:21+ | 5:57-11:45+18:10-       | 0:01+6:36-12:25+18:49-  | 0:41+7:16-13:05+19:28-  | 1:21+8:40-14:30+20:54-  | 2:04+9:25-10:14-15:16+  | 2:49+10:14-11:05-16:05+ | 3:38+11:05-11:57-17:50+ | 4:30+11:57-12:50-18:43+ | 5:24+12:50-13:42-19:36+ | 0:26-6:19+7:14+8:07+    | 1:21-7:14+8:07+8:59+    | 2:15-8:07+8:59+9:50+    | 3:07-8:59+9:50+10:42+   | 3:59-9:50+10:42+11:34+  | 4:51-11:34+12:27+13:34+ | 5:43-12:27+13:34+14:02+ | 6:37-18:54-19:52-       | 0:52+7:32-8:30-14:20+   | 1:48+9:30-15:19+21:57-   | 2:48+10:31-16:20+23:02-  | 3:49+                  |
| Jun | 4:51+11:33-17:20+18:18+ | 0:05-5:51+12:32-18:18+  | 1:04-6:48+13:26-19:12+  | 1:58-7:40+14:16-20:02+  | 2:47-8:28+15:02-20:48+  | 3:32-9:13+16:25-21:31+  | 4:13-9:55+17:05-22:12+  | 4:53-10:35+17:43-22:52+ | 5:32-11:15+17:43-23:32+ | 6:11-11:54+18:22-19:00- | 0:11+6:49-12:34+19:00-  | 0:51+7:28-13:14+19:40-  | 1:32+8:08-13:54+20:21-  | 2:15+8:50-14:37+21:06-  | 3:00+9:34-15:24+21:56-  | 3:49+10:22-11:14-23:48- | 4:43+12:10-18:06+19:04+ | 5:40+13:07-20:01+       | 0:48-6:38+7:36+8:33+    | 1:47-7:36+8:33+9:29+    | 2:44-8:33+9:29+10:24+   | 3:41-9:29+10:24+11:18+  | 4:36-10:24+11:18+12:12+ | 5:30-11:18+12:12+13:07+ | 6:24-12:12+13:07+14:02+ | 7:18-8:13-9:09-10:07-   | 8:13-9:09-10:07-11:04-  | 9:09-10:07-11:04-12:12+ | 10:07-11:04-12:12+13:37- | 11:04-12:12+13:37-23:37- |                        |
| Jul | 5:21+12:01-17:48+17:48+ | 0:34-6:17+12:55-18:42+  | 1:28-7:09+13:46-19:32+  | 2:18-7:58+14:33-20:19+  | 3:03-8:43+15:16-21:03+  | 3:45-9:26+16:08-21:46+  | 4:25-10:08+16:36-22:26+ | 5:04-10:48+17:15-23:06+ | 5:42-11:27+17:53-23:45+ | 6:19-12:05+18:30-       | 0:25+6:56-12:44+19:08-  | 1:04+7:34-14:05+20:30-  | 1:45+8:12-14:50+21:18-  | 2:29+9:41-16:37+22:12-  | 3:17+10:34-16:37+23:13- | 4:11+11:34-17:38+23:13- | 5:09+12:37-13:41+23:13- | 0:17-7:15+8:16+19:44+   | 1:22-8:16+9:14+20:44+   | 2:24-9:14+10:10+22:38+  | 3:23-10:10+11:04+22:38+ | 4:19-11:04+12:29+23:31+ | 5:13-11:57+12:29+23:31+ | 6:05-12:29+19:20-       | 0:24+6:57-12:49+20:13-  | 1:17+7:48-13:40+21:07-  | 2:09+8:40-14:33+22:03-  | 3:02+9:33-15:26+22:59-  | 3:55+10:27-17:16+23:56-  | 4:50+11:22-18:10+        | 5:45+12:17-            |
| Aug | 0:50-6:38+13:09-19:03+  | 1:42-7:29+13:58-19:52+  | 2:29-8:16+14:43-20:38+  | 3:12-9:00+15:25-21:21+  | 3:53-9:42+16:05-22:02+  | 4:32-10:22+16:43-22:42+ | 5:09-11:00+17:21-23:21+ | 5:45-11:38+12:16-18:35- | 0:00+6:21-12:16+18:35-  | 0:39+6:57-12:55+19:15-  | 1:20+7:35-13:37+19:57-  | 2:04+8:17-14:23+20:45-  | 2:53+9:05-15:16+21:40-  | 3:48+10:01-16:15+22:43- | 4:50+11:05-17:20+23:52- | 5:56+12:15-18:27+20:35+ | 1:01-7:01+8:04+13:23-   | 2:06-8:04+9:02+14:28-   | 3:05-9:02+15:27-22:26+  | 4:00-9:57+16:22-23:17+  | 4:52-10:49+17:14-18:05- | 5:42-11:39+18:05-18:54- | 0:07-6:30+7:17+13:16+   | 0:56-8:05+8:54+14:05+   | 1:44-8:54+9:45+15:47+   | 2:33-9:45+10:38+16:42+  | 3:24-10:38+11:33+17:37+ | 4:17-11:33+12:28-18:31+ | 5:11+12:28-13:19+19:22+  | 0:07-6:58+13:19-         | 1:00-6:58+19:22+       |
| Sep | 1:50-7:47+14:07-20:10+  | 2:35-8:31+14:51-20:54+  | 3:17-9:13+15:32-21:36+  | 3:56-10:32+16:11-22:16+ | 4:33-11:10+16:49-22:55+ | 5:10-11:49+17:27-23:35+ | 5:46-11:49+18:06-23:35+ | 0:15+6:23-12:30+18:47-  | 0:57+7:03-13:14+19:32-  | 1:43+7:48-14:02+20:21-  | 2:34+8:39-14:57+21:18-  | 3:32+9:39-16:00+22:24-  | 4:36+10:48-17:08+23:35- | 5:44+12:02-18:17+19:23+ | 0:45-6:51+8:14+13:12-   | 1:50-7:52+9:41+14:16-   | 2:48-8:49+9:41+15:13-   | 3:41-10:30+16:06-16:55- | 4:30-10:30+11:17+17:42- | 5:17-11:17+12:03+18:28- | 6:02-12:03+13:34+19:13- | 0:30+6:46-7:30+14:20+   | 1:15+8:16-9:03+15:10+   | 2:01-9:03+9:54+16:02+   | 2:49-9:54+10:28+17:52+  | 3:40-10:49+11:45-18:45+ | 4:33-11:45+12:39-19:34+ | 5:27+12:39-13:29-       | 0:17-7:10+7:10-          | 1:09-7:10+1:09-          |                        |
| Oct | 1:56-7:56+14:15-20:20+  | 2:39-8:39+14:58-21:03+  | 3:20-9:20+15:40-21:45+  | 3:59-10:00+16:20-22:26+ | 4:38-10:41+17:01-23:43+ | 5:17-11:23+17:43-23:50+ | 5:58-12:06+18:28-       | 0:35+6:42-12:53+19:16-  | 1:23+7:31-13:44+20:08-  | 2:17+8:26-14:42+21:08-  | 3:17+9:30-16:55+22:15-  | 4:23+10:42-18:04+23:25- | 5:30+11:55-18:04+       | 0:33-6:35+13:04-19:08+  | 1:36-7:35+8:30+14:05-   | 2:32-8:30+15:00-21:00+  | 3:22-9:20+10:07+16:37-  | 4:10-10:51+11:34+18:04- | 5:37-11:34+18:04-       | 0:01+6:19-12:17+18:46-  | 0:43+7:01-13:00+19:28-  | 1:26+7:43-14:29+20:12-  | 2:11+8:28-15:18+21:48-  | 2:58-9:16+16:10+22:41-  | 3:48-10:08+17:05+23:35- | 4:40-11:03+17:58-       | 5:33-11:58+12:51-18:50+ | 0:27-6:24+12:51-18:50+  | 1:16-7:12+13:40-19:39+   | 2:02-7:58+14:27-20:25+   |                        |
| Nov | 2:46-8:43+15:12-21:10+  | 3:28-9:27+15:57-21:54+  | 3:11-9:11+15:42-21:39+  | 3:55-9:57+16:28-22:25+  | 4:41-10:44+17:16-23:14+ | 5:30-11:34+18:07-       | 0:05+6:24-12:28+19:03-  | 1:00+7:23-13:27+20:03-  | 2:01+8:28-14:30+21:09-  | 3:05+9:38-15:37+22:16-  | 4:10+10:48-16:43+23:21- | 5:13+11:54-12:53+18:43+ | 0:21-6:12+13:46-19:35+  | 1:15-7:06+8:40+14:35-   | 2:05-7:55+9:19+16:02-   | 2:50-8:40+15:19+21:07+  | 3:34-9:24+10:05+21:49+  | 4:15-10:05+10:46+22:29+ | 4:55-10:46+17:23+23:10+ | 5:36-11:26+18:04-23:50+ | 6:16-12:07+18:45-19:28- | 0:32+6:59-12:50+19:28-  | 1:15+7:43-13:35+20:13-  | 2:01+8:31-14:22+21:01-  | 2:49+9:22-15:13+21:52-  | 3:39+10:16-16:06+22:43- | 4:31+11:11-17:00+23:34- | 5:23+12:04-17:53+18:44+ | 0:24-6:15+12:56-18:44+   | 1:13-7:05+13:47-19:35+   |                        |
| Dec | 2:02-7:55+14:36-20:24+  | 2:50-8:45+15:26-21:14+  | 3:40-9:35+16:16-22:04+  | 4:31-10:26+17:07-22:55+ | 5:24-11:19+18:01-23:48+ | 6:19-12:14+18:56-       | 0:44+7:19-13:11+19:55-  | 1:42+8:21-14:12+20:57-  | 2:43+9:27-15:14+22:00-  | 3:45+10:34-16:17+23:02- | 4:46+11:37-17:18+       | 0:01-5:44+12:36-18:15+  | 0:56-6:38+13:29-19:07+  | 1:45-7:28+8:14+19:54+   | 2:31-8:14+9:15+20:38+   | 3:14-8:56+15:42+21:20+  | 3:54-9:37+10:17+22:00+  | 4:33-10:17+17:01+22:39+ | 5:12-10:56+17:39+23:18+ | 5:51-11:36+18:18-23:57+ | 6:30-12:15+18:57-       | 0:37+7:10-12:56+19:38-  | 1:18+7:53-13:39+20:20-  | 2:02+8:40-14:26+21:06-  | 2:49+9:32-15:17+21:56-  | 3:42+10:28-16:12+22:50- | 4:38+11:27-17:09+23:46- | 5:35+12:25-18:07+19:04+ | 0:42-6:33+13:22-19:04+   | 1:38-7:30+14:17-20:00+   | 2:24-8:25+15:02-20:54+ |

## 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.