

## Hell Gate, Wards Island, NY - May 1817

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Thu | 10:47 | 7.1 | 11:11 | 8.3 | 5:47  | -1.3 | 5:59  | -1.1 | 4:57                                                                                | 6:55 |    |
| 2    | Fri | 11:39 | 6.9 |       |     | 6:39  | -1.5 | 6:48  | -0.9 | 4:56                                                                                | 6:56 |    |
| 3    | Sat | 12:01 | 8.2 | 12:35 | 6.6 | 7:29  | -1.3 | 7:37  | -0.5 | 4:55                                                                                | 6:57 |    |
| 4    | Sun | 12:55 | 7.8 | 1:35  | 6.3 | 8:20  | -0.9 | 8:27  | 0.0  | 4:54                                                                                | 6:58 |    |
| 5    | Mon | 1:54  | 7.4 | 2:39  | 6.0 | 9:13  | -0.4 | 9:21  | 0.7  | 4:52                                                                                | 6:59 |    |
| 6    | Tue | 2:55  | 6.9 | 3:40  | 5.8 | 10:12 | 0.2  | 10:25 | 1.3  | 4:51                                                                                | 7:00 |    |
| 7    | Wed | 3:54  | 6.5 | 4:38  | 5.7 | 11:16 | 0.6  | 11:35 | 1.7  | 4:50                                                                                | 7:01 |    |
| 8    | Thu | 4:51  | 6.2 | 5:34  | 5.6 |       |      | 12:18 | 0.8  | 4:49                                                                                | 7:02 |    |
| 9    | Fri | 5:48  | 5.9 | 6:31  | 5.7 | 12:42 | 1.7  | 1:15  | 0.8  | 4:48                                                                                | 7:03 |    |
| 10   | Sat | 6:47  | 5.8 | 7:27  | 5.9 | 1:41  | 1.6  | 2:04  | 0.8  | 4:47                                                                                | 7:04 |    |
| 11   | Sun | 7:43  | 5.8 | 8:15  | 6.2 | 2:33  | 1.3  | 2:48  | 0.7  | 4:46                                                                                | 7:05 |    |
| 12   | Mon | 8:32  | 5.8 | 8:57  | 6.5 | 3:20  | 1.1  | 3:28  | 0.6  | 4:45                                                                                | 7:06 |   |
| 13   | Tue | 9:16  | 5.9 | 9:35  | 6.8 | 4:04  | 0.8  | 4:07  | 0.6  | 4:43                                                                                | 7:07 |  |
| 14   | Wed | 9:56  | 5.9 | 10:09 | 6.9 | 4:47  | 0.6  | 4:45  | 0.6  | 4:42                                                                                | 7:08 |  |
| 15   | Thu | 10:34 | 5.9 | 10:40 | 7.0 | 5:29  | 0.4  | 5:23  | 0.6  | 4:42                                                                                | 7:09 |  |
| 16   | Fri | 11:11 | 5.8 | 11:10 | 7.0 | 6:10  | 0.3  | 6:00  | 0.7  | 4:41                                                                                | 7:10 |  |
| 17   | Sat | 11:49 | 5.6 | 11:38 | 6.8 | 6:49  | 0.3  | 6:36  | 0.9  | 4:40                                                                                | 7:11 |  |
| 18   | Sun |       |     | 12:28 | 5.4 | 7:27  | 0.4  | 7:10  | 1.1  | 4:39                                                                                | 7:12 |  |
| 19   | Mon | 12:07 | 6.7 | 1:11  | 5.3 | 8:04  | 0.5  | 7:43  | 1.3  | 4:38                                                                                | 7:13 |  |
| 20   | Tue | 12:42 | 6.6 | 1:58  | 5.2 | 8:43  | 0.7  | 8:19  | 1.5  | 4:37                                                                                | 7:14 |  |
| 21   | Wed | 1:28  | 6.5 | 2:50  | 5.2 | 9:26  | 0.9  | 9:02  | 1.6  | 4:36                                                                                | 7:15 |  |
| 22   | Thu | 2:23  | 6.4 | 3:42  | 5.3 | 10:19 | 1.0  | 10:01 | 1.8  | 4:35                                                                                | 7:15 |  |
| 23   | Fri | 3:25  | 6.3 | 4:33  | 5.6 | 11:21 | 1.0  | 11:23 | 1.7  | 4:35                                                                                | 7:16 |  |
| 24   | Sat | 4:25  | 6.3 | 5:27  | 6.0 |       |      | 12:22 | 0.8  | 4:34                                                                                | 7:17 |  |
| 25   | Sun | 5:28  | 6.3 | 6:25  | 6.5 | 12:40 | 1.4  | 1:18  | 0.4  | 4:33                                                                                | 7:18 |  |
| 26   | Mon | 6:35  | 6.3 | 7:25  | 7.0 | 1:46  | 0.9  | 2:11  | 0.1  | 4:33                                                                                | 7:19 |  |
| 27   | Tue | 7:42  | 6.4 | 8:21  | 7.6 | 2:45  | 0.3  | 3:02  | -0.3 | 4:32                                                                                | 7:20 |  |
| 28   | Wed | 8:42  | 6.6 | 9:12  | 8.1 | 3:41  | -0.3 | 3:52  | -0.6 | 4:31                                                                                | 7:21 |  |
| 29   | Thu | 9:37  | 6.7 | 10:02 | 8.3 | 4:36  | -0.7 | 4:44  | -0.7 | 4:31                                                                                | 7:21 |  |
| 30   | Fri | 10:30 | 6.7 | 10:51 | 8.4 | 5:31  | -1.0 | 5:36  | -0.6 | 4:30                                                                                | 7:22 |  |
| 31   | Sat | 11:24 | 6.6 | 11:42 | 8.1 | 6:23  | -1.1 | 6:28  | -0.4 | 4:30                                                                                | 7:23 |  |