

## Hell Gate, Wards Island, NY - May 1884

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Thu | 3:35  | 6.9 | 4:20  | 6.4 | 10:59 | -0.1 | 11:15 | 0.8  | 4:53                                                                                | 6:52 |    |
| 2    | Fri | 4:34  | 6.5 | 5:17  | 6.3 |       |      | 12:02 | 0.2  | 4:51                                                                                | 6:53 |    |
| 3    | Sat | 5:32  | 6.2 | 6:14  | 6.3 | 12:22 | 1.0  | 1:01  | 0.3  | 4:50                                                                                | 6:54 |    |
| 4    | Sun | 6:32  | 6.0 | 7:12  | 6.4 | 1:24  | 1.0  | 1:55  | 0.3  | 4:49                                                                                | 6:55 |    |
| 5    | Mon | 7:32  | 5.9 | 8:05  | 6.6 | 2:20  | 0.8  | 2:43  | 0.3  | 4:48                                                                                | 6:56 |    |
| 6    | Tue | 8:25  | 5.9 | 8:51  | 6.8 | 3:10  | 0.6  | 3:28  | 0.3  | 4:46                                                                                | 6:57 |    |
| 7    | Wed | 9:12  | 6.0 | 9:33  | 7.0 | 3:57  | 0.4  | 4:10  | 0.3  | 4:45                                                                                | 6:58 |    |
| 8    | Thu | 9:54  | 6.1 | 10:11 | 7.1 | 4:41  | 0.2  | 4:51  | 0.3  | 4:44                                                                                | 6:59 |    |
| 9    | Fri | 10:33 | 6.0 | 10:47 | 7.1 | 5:25  | 0.1  | 5:31  | 0.4  | 4:43                                                                                | 7:00 |    |
| 10   | Sat | 11:12 | 6.0 | 11:23 | 7.0 | 6:06  | 0.0  | 6:10  | 0.5  | 4:42                                                                                | 7:01 |    |
| 11   | Sun | 11:52 | 5.8 | 11:58 | 6.9 | 6:46  | 0.0  | 6:48  | 0.7  | 4:41                                                                                | 7:02 |    |
| 12   | Mon |       |     | 12:32 | 5.7 | 7:24  | 0.1  | 7:22  | 1.0  | 4:40                                                                                | 7:03 |   |
| 13   | Tue | 12:32 | 6.6 | 1:13  | 5.5 | 8:00  | 0.3  | 7:55  | 1.2  | 4:39                                                                                | 7:04 |  |
| 14   | Wed | 1:06  | 6.4 | 1:57  | 5.4 | 8:36  | 0.6  | 8:27  | 1.5  | 4:38                                                                                | 7:05 |  |
| 15   | Thu | 1:43  | 6.2 | 2:42  | 5.3 | 9:14  | 0.8  | 9:03  | 1.7  | 4:37                                                                                | 7:06 |  |
| 16   | Fri | 2:28  | 6.1 | 3:27  | 5.4 | 9:57  | 1.0  | 9:52  | 1.9  | 4:36                                                                                | 7:07 |  |
| 17   | Sat | 3:19  | 6.0 | 4:11  | 5.6 | 10:52 | 1.0  | 11:08 | 2.0  | 4:35                                                                                | 7:08 |  |
| 18   | Sun | 4:12  | 6.0 | 4:59  | 5.9 | 11:53 | 1.0  |       |      | 4:34                                                                                | 7:09 |  |
| 19   | Mon | 5:09  | 6.0 | 5:53  | 6.2 | 12:26 | 1.7  | 12:52 | 0.7  | 4:33                                                                                | 7:10 |  |
| 20   | Tue | 6:13  | 6.1 | 6:53  | 6.7 | 1:32  | 1.2  | 1:47  | 0.3  | 4:33                                                                                | 7:10 |  |
| 21   | Wed | 7:21  | 6.2 | 7:53  | 7.3 | 2:30  | 0.6  | 2:40  | -0.1 | 4:32                                                                                | 7:11 |  |
| 22   | Thu | 8:24  | 6.5 | 8:48  | 7.8 | 3:26  | -0.1 | 3:32  | -0.5 | 4:31                                                                                | 7:12 |  |
| 23   | Fri | 9:20  | 6.8 | 9:39  | 8.2 | 4:20  | -0.6 | 4:24  | -0.8 | 4:30                                                                                | 7:13 |  |
| 24   | Sat | 10:13 | 7.0 | 10:30 | 8.4 | 5:14  | -1.1 | 5:18  | -0.9 | 4:30                                                                                | 7:14 |  |
| 25   | Sun | 11:07 | 7.1 | 11:22 | 8.4 | 6:08  | -1.4 | 6:12  | -1.0 | 4:29                                                                                | 7:15 |  |
| 26   | Mon |       |     | 12:04 | 7.0 | 7:00  | -1.5 | 7:04  | -0.8 | 4:28                                                                                | 7:16 |  |
| 27   | Tue | 12:17 | 8.1 | 1:03  | 6.9 | 7:50  | -1.4 | 7:56  | -0.5 | 4:28                                                                                | 7:17 |  |
| 28   | Wed | 1:16  | 7.8 | 2:04  | 6.8 | 8:41  | -1.1 | 8:50  | 0.0  | 4:27                                                                                | 7:17 |  |
| 29   | Thu | 2:17  | 7.3 | 3:04  | 6.7 | 9:35  | -0.6 | 9:48  | 0.6  | 4:27                                                                                | 7:18 |  |
| 30   | Fri | 3:16  | 6.9 | 4:00  | 6.6 | 10:32 | -0.2 | 10:51 | 1.0  | 4:26                                                                                | 7:19 |  |
| 31   | Sat | 4:11  | 6.5 | 4:53  | 6.5 | 11:31 | 0.2  | 11:55 | 1.3  | 4:26                                                                                | 7:20 |  |