

## Hell Gate, Wards Island, NY - May 1871

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 7:41  | 6.2 | 8:23  | 6.6 | 2:39  | 0.9  | 3:09  | 0.2  | 4:58                                                                                | 6:55 |    |
| 2    | Tue | 8:37  | 6.5 | 9:08  | 7.2 | 3:32  | 0.2  | 3:55  | -0.3 | 4:56                                                                                | 6:56 |    |
| 3    | Wed | 9:26  | 6.8 | 9:53  | 7.8 | 4:24  | -0.4 | 4:41  | -0.6 | 4:55                                                                                | 6:57 |    |
| 4    | Thu | 10:14 | 6.9 | 10:38 | 8.1 | 5:16  | -0.9 | 5:29  | -0.8 | 4:54                                                                                | 6:58 |    |
| 5    | Fri | 11:03 | 6.9 | 11:25 | 8.3 | 6:08  | -1.3 | 6:18  | -0.9 | 4:53                                                                                | 6:59 |    |
| 6    | Sat | 11:56 | 6.8 |       |     | 6:58  | -1.4 | 7:06  | -0.8 | 4:51                                                                                | 7:00 |    |
| 7    | Sun | 12:17 | 8.1 | 12:54 | 6.6 | 7:49  | -1.3 | 7:56  | -0.5 | 4:50                                                                                | 7:01 |    |
| 8    | Mon | 1:14  | 7.8 | 1:58  | 6.3 | 8:41  | -0.9 | 8:49  | 0.0  | 4:49                                                                                | 7:02 |    |
| 9    | Tue | 2:17  | 7.4 | 3:02  | 6.2 | 9:38  | -0.4 | 9:49  | 0.6  | 4:48                                                                                | 7:03 |    |
| 10   | Wed | 3:20  | 7.1 | 4:04  | 6.1 | 10:40 | 0.0  | 10:58 | 1.1  | 4:47                                                                                | 7:04 |    |
| 11   | Thu | 4:21  | 6.7 | 5:04  | 6.0 | 11:45 | 0.3  |       |      | 4:46                                                                                | 7:05 |    |
| 12   | Fri | 5:20  | 6.4 | 6:03  | 6.1 | 12:09 | 1.2  | 12:46 | 0.3  | 4:45                                                                                | 7:06 |   |
| 13   | Sat | 6:20  | 6.2 | 7:02  | 6.2 | 1:14  | 1.2  | 1:42  | 0.3  | 4:44                                                                                | 7:07 |  |
| 14   | Sun | 7:20  | 6.1 | 7:57  | 6.4 | 2:12  | 1.0  | 2:31  | 0.3  | 4:43                                                                                | 7:08 |  |
| 15   | Mon | 8:15  | 6.1 | 8:44  | 6.7 | 3:03  | 0.8  | 3:16  | 0.3  | 4:42                                                                                | 7:09 |  |
| 16   | Tue | 9:02  | 6.1 | 9:25  | 6.9 | 3:51  | 0.5  | 3:58  | 0.3  | 4:41                                                                                | 7:10 |  |
| 17   | Wed | 9:45  | 6.1 | 10:02 | 7.1 | 4:36  | 0.3  | 4:38  | 0.4  | 4:40                                                                                | 7:11 |  |
| 18   | Thu | 10:25 | 6.1 | 10:37 | 7.1 | 5:20  | 0.2  | 5:18  | 0.4  | 4:39                                                                                | 7:12 |  |
| 19   | Fri | 11:05 | 6.0 | 11:11 | 7.0 | 6:02  | 0.1  | 5:56  | 0.6  | 4:38                                                                                | 7:13 |  |
| 20   | Sat | 11:45 | 5.8 | 11:43 | 6.9 | 6:42  | 0.1  | 6:33  | 0.8  | 4:37                                                                                | 7:14 |  |
| 21   | Sun |       |     | 12:27 | 5.6 | 7:20  | 0.3  | 7:08  | 1.0  | 4:36                                                                                | 7:15 |  |
| 22   | Mon | 12:15 | 6.7 | 1:11  | 5.4 | 7:58  | 0.5  | 7:41  | 1.3  | 4:36                                                                                | 7:15 |  |
| 23   | Tue | 12:47 | 6.5 | 1:59  | 5.3 | 8:35  | 0.7  | 8:14  | 1.6  | 4:35                                                                                | 7:16 |  |
| 24   | Wed | 1:22  | 6.3 | 2:47  | 5.2 | 9:13  | 1.0  | 8:49  | 1.8  | 4:34                                                                                | 7:17 |  |
| 25   | Thu | 2:07  | 6.1 | 3:33  | 5.2 | 9:58  | 1.2  | 9:34  | 2.0  | 4:34                                                                                | 7:18 |  |
| 26   | Fri | 2:59  | 6.0 | 4:17  | 5.3 | 10:53 | 1.3  | 10:41 | 2.1  | 4:33                                                                                | 7:19 |  |
| 27   | Sat | 3:53  | 6.0 | 5:03  | 5.6 | 11:52 | 1.2  |       |      | 4:32                                                                                | 7:20 |  |
| 28   | Sun | 4:49  | 6.0 | 5:53  | 6.0 | 12:02 | 2.0  | 12:49 | 1.0  | 4:32                                                                                | 7:21 |  |
| 29   | Mon | 5:51  | 6.0 | 6:49  | 6.5 | 1:11  | 1.5  | 1:41  | 0.6  | 4:31                                                                                | 7:21 |  |
| 30   | Tue | 6:58  | 6.1 | 7:45  | 7.1 | 2:11  | 0.9  | 2:31  | 0.2  | 4:31                                                                                | 7:22 |  |
| 31   | Wed | 8:03  | 6.3 | 8:38  | 7.7 | 3:07  | 0.3  | 3:20  | -0.2 | 4:30                                                                                | 7:23 |  |