

## Hell Gate, Wards Island, NY - Jan 1886

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Fri | 8:10  | 6.4 | 8:33  | 5.3 | 2:44  | -0.2 | 3:21  | -0.1 | 7:20                                                                                | 4:39 |    |
| 2    | Sat | 8:58  | 6.5 | 9:21  | 5.4 | 3:31  | -0.2 | 4:09  | -0.3 | 7:20                                                                                | 4:39 |    |
| 3    | Sun | 9:41  | 6.6 | 10:04 | 5.5 | 4:16  | -0.2 | 4:55  | -0.4 | 7:20                                                                                | 4:40 |    |
| 4    | Mon | 10:21 | 6.7 | 10:45 | 5.5 | 5:00  | -0.2 | 5:38  | -0.6 | 7:20                                                                                | 4:41 |    |
| 5    | Tue | 11:00 | 6.6 | 11:26 | 5.5 | 5:43  | -0.2 | 6:20  | -0.6 | 7:20                                                                                | 4:42 |    |
| 6    | Wed | 11:38 | 6.5 |       |     | 6:23  | -0.1 | 6:58  | -0.6 | 7:20                                                                                | 4:43 |    |
| 7    | Thu | 12:06 | 5.4 | 12:16 | 6.3 | 7:02  | 0.0  | 7:35  | -0.5 | 7:20                                                                                | 4:44 |    |
| 8    | Fri | 12:47 | 5.3 | 12:53 | 6.0 | 7:38  | 0.2  | 8:10  | -0.3 | 7:20                                                                                | 4:45 |    |
| 9    | Sat | 1:28  | 5.2 | 1:29  | 5.8 | 8:12  | 0.5  | 8:43  | -0.1 | 7:19                                                                                | 4:46 |    |
| 10   | Sun | 2:08  | 5.1 | 2:07  | 5.5 | 8:45  | 0.8  | 9:16  | 0.1  | 7:19                                                                                | 4:47 |    |
| 11   | Mon | 2:47  | 5.0 | 2:47  | 5.3 | 9:21  | 1.1  | 9:52  | 0.3  | 7:19                                                                                | 4:48 |    |
| 12   | Tue | 3:25  | 5.1 | 3:32  | 5.1 | 10:13 | 1.3  | 10:40 | 0.5  | 7:19                                                                                | 4:49 |   |
| 13   | Wed | 4:06  | 5.2 | 4:21  | 5.0 | 11:30 | 1.3  | 11:41 | 0.5  | 7:18                                                                                | 4:50 |  |
| 14   | Thu | 4:53  | 5.4 | 5:18  | 5.0 |       |      | 12:45 | 1.1  | 7:18                                                                                | 4:51 |  |
| 15   | Fri | 5:50  | 5.7 | 6:25  | 5.0 | 12:46 | 0.4  | 1:48  | 0.6  | 7:17                                                                                | 4:53 |  |
| 16   | Sat | 6:55  | 6.1 | 7:36  | 5.2 | 1:47  | 0.0  | 2:46  | 0.0  | 7:17                                                                                | 4:54 |  |
| 17   | Sun | 8:01  | 6.6 | 8:38  | 5.6 | 2:44  | -0.4 | 3:40  | -0.6 | 7:17                                                                                | 4:55 |  |
| 18   | Mon | 8:58  | 7.1 | 9:33  | 6.0 | 3:40  | -0.9 | 4:33  | -1.2 | 7:16                                                                                | 4:56 |  |
| 19   | Tue | 9:51  | 7.5 | 10:25 | 6.4 | 4:35  | -1.4 | 5:26  | -1.8 | 7:15                                                                                | 4:57 |  |
| 20   | Wed | 10:42 | 7.7 | 11:17 | 6.6 | 5:30  | -1.7 | 6:17  | -2.1 | 7:15                                                                                | 4:58 |  |
| 21   | Thu | 11:34 | 7.7 |       |     | 6:23  | -2.0 | 7:06  | -2.3 | 7:14                                                                                | 5:00 |  |
| 22   | Fri | 12:11 | 6.7 | 12:28 | 7.5 | 7:15  | -1.9 | 7:54  | -2.3 | 7:14                                                                                | 5:01 |  |
| 23   | Sat | 1:07  | 6.7 | 1:24  | 7.1 | 8:06  | -1.7 | 8:42  | -1.9 | 7:13                                                                                | 5:02 |  |
| 24   | Sun | 2:05  | 6.6 | 2:22  | 6.7 | 8:58  | -1.2 | 9:33  | -1.5 | 7:12                                                                                | 5:03 |  |
| 25   | Mon | 3:02  | 6.5 | 3:19  | 6.2 | 9:56  | -0.6 | 10:28 | -0.9 | 7:11                                                                                | 5:04 |  |
| 26   | Tue | 3:57  | 6.3 | 4:14  | 5.8 | 10:59 | -0.1 | 11:28 | -0.4 | 7:11                                                                                | 5:06 |  |
| 27   | Wed | 4:50  | 6.1 | 5:09  | 5.3 |       |      | 12:04 | 0.3  | 7:10                                                                                | 5:07 |  |
| 28   | Thu | 5:45  | 5.9 | 6:07  | 5.0 | 12:27 | 0.0  | 1:07  | 0.4  | 7:09                                                                                | 5:08 |  |
| 29   | Fri | 6:43  | 5.8 | 7:10  | 4.9 | 1:24  | 0.2  | 2:05  | 0.3  | 7:08                                                                                | 5:09 |  |
| 30   | Sat | 7:41  | 5.8 | 8:09  | 4.9 | 2:17  | 0.2  | 2:57  | 0.2  | 7:07                                                                                | 5:10 |  |
| 31   | Sun | 8:34  | 6.0 | 9:00  | 5.1 | 3:06  | 0.2  | 3:45  | 0.0  | 7:06                                                                                | 5:12 |  |