

## Hell Gate, Wards Island, NY - Nov 1898

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 12:21 | 6.1 | 12:27 | 7.0 | 7:11  | 0.8  | 7:58  | 0.6  | 6:26                                                                                | 4:52 |    |
| 2    | Wed | 1:09  | 5.7 | 1:10  | 6.6 | 7:48  | 1.2  | 8:40  | 1.0  | 6:27                                                                                | 4:50 |    |
| 3    | Thu | 2:01  | 5.5 | 1:58  | 6.3 | 8:24  | 1.6  | 9:24  | 1.3  | 6:28                                                                                | 4:49 |    |
| 4    | Fri | 2:54  | 5.3 | 2:49  | 6.0 | 9:03  | 2.0  | 10:15 | 1.7  | 6:30                                                                                | 4:48 |    |
| 5    | Sat | 3:46  | 5.2 | 3:40  | 5.8 | 9:53  | 2.3  | 11:12 | 1.8  | 6:31                                                                                | 4:47 |    |
| 6    | Sun | 4:35  | 5.2 | 4:28  | 5.6 | 11:04 | 2.5  |       |      | 6:32                                                                                | 4:46 |    |
| 7    | Mon | 5:23  | 5.3 | 5:16  | 5.6 | 12:09 | 1.7  | 12:15 | 2.4  | 6:33                                                                                | 4:45 |    |
| 8    | Tue | 6:12  | 5.5 | 6:09  | 5.6 | 1:00  | 1.5  | 1:15  | 2.1  | 6:34                                                                                | 4:44 |    |
| 9    | Wed | 7:02  | 5.9 | 7:06  | 5.7 | 1:46  | 1.2  | 2:08  | 1.6  | 6:36                                                                                | 4:43 |    |
| 10   | Thu | 7:48  | 6.3 | 7:59  | 5.9 | 2:29  | 0.9  | 2:57  | 1.0  | 6:37                                                                                | 4:42 |    |
| 11   | Fri | 8:31  | 6.9 | 8:46  | 6.1 | 3:10  | 0.5  | 3:45  | 0.5  | 6:38                                                                                | 4:41 |    |
| 12   | Sat | 9:11  | 7.4 | 9:30  | 6.3 | 3:53  | 0.2  | 4:34  | 0.0  | 6:39                                                                                | 4:40 |   |
| 13   | Sun | 9:51  | 7.8 | 10:14 | 6.4 | 4:37  | 0.0  | 5:23  | -0.4 | 6:40                                                                                | 4:39 |  |
| 14   | Mon | 10:33 | 8.0 | 11:00 | 6.4 | 5:24  | -0.2 | 6:12  | -0.7 | 6:41                                                                                | 4:38 |  |
| 15   | Tue | 11:20 | 8.0 | 11:51 | 6.3 | 6:12  | -0.3 | 7:02  | -0.8 | 6:43                                                                                | 4:37 |  |
| 16   | Wed |       |     | 12:12 | 7.9 | 7:01  | -0.3 | 7:51  | -0.7 | 6:44                                                                                | 4:37 |  |
| 17   | Thu | 12:49 | 6.2 | 1:11  | 7.6 | 7:52  | -0.1 | 8:42  | -0.5 | 6:45                                                                                | 4:36 |  |
| 18   | Fri | 1:54  | 6.1 | 2:16  | 7.2 | 8:47  | 0.2  | 9:38  | -0.2 | 6:46                                                                                | 4:35 |  |
| 19   | Sat | 3:01  | 6.1 | 3:20  | 6.9 | 9:50  | 0.6  | 10:40 | 0.0  | 6:47                                                                                | 4:34 |  |
| 20   | Sun | 4:03  | 6.1 | 4:21  | 6.6 | 11:02 | 0.9  | 11:43 | 0.1  | 6:49                                                                                | 4:34 |  |
| 21   | Mon | 5:02  | 6.3 | 5:19  | 6.4 |       |      | 12:13 | 0.9  | 6:50                                                                                | 4:33 |  |
| 22   | Tue | 6:00  | 6.4 | 6:19  | 6.1 | 12:42 | 0.1  | 1:18  | 0.8  | 6:51                                                                                | 4:32 |  |
| 23   | Wed | 6:59  | 6.6 | 7:20  | 6.0 | 1:37  | 0.0  | 2:16  | 0.5  | 6:52                                                                                | 4:32 |  |
| 24   | Thu | 7:55  | 6.8 | 8:16  | 6.0 | 2:27  | -0.1 | 3:09  | 0.2  | 6:53                                                                                | 4:31 |  |
| 25   | Fri | 8:44  | 7.0 | 9:06  | 6.0 | 3:14  | -0.1 | 3:58  | 0.0  | 6:54                                                                                | 4:31 |  |
| 26   | Sat | 9:27  | 7.1 | 9:51  | 6.0 | 3:59  | 0.0  | 4:45  | -0.1 | 6:55                                                                                | 4:30 |  |
| 27   | Sun | 10:07 | 7.2 | 10:33 | 5.9 | 4:43  | 0.1  | 5:31  | -0.2 | 6:56                                                                                | 4:30 |  |
| 28   | Mon | 10:45 | 7.1 | 11:16 | 5.8 | 5:26  | 0.2  | 6:14  | -0.2 | 6:57                                                                                | 4:29 |  |
| 29   | Tue | 11:23 | 6.9 | 11:59 | 5.6 | 6:07  | 0.4  | 6:56  | -0.1 | 6:58                                                                                | 4:29 |  |
| 30   | Wed |       |     | 12:01 | 6.7 | 6:47  | 0.6  | 7:35  | 0.1  | 7:00                                                                                | 4:29 |  |