

## Hell Gate, Wards Island, NY - Sep 1869

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 6:04  | 5.5 | 6:18  | 6.7 | 1:27  | 1.8  | 1:14  | 1.7  | 5:26                                                                                | 6:32 |    |
| 2    | Thu | 7:13  | 5.7 | 7:27  | 7.1 | 2:23  | 1.3  | 2:16  | 1.2  | 5:27                                                                                | 6:30 |    |
| 3    | Fri | 8:15  | 6.2 | 8:29  | 7.6 | 3:14  | 0.7  | 3:13  | 0.7  | 5:28                                                                                | 6:28 |    |
| 4    | Sat | 9:08  | 6.8 | 9:22  | 8.0 | 4:04  | 0.1  | 4:08  | 0.1  | 5:29                                                                                | 6:27 |    |
| 5    | Sun | 9:57  | 7.3 | 10:12 | 8.2 | 4:54  | -0.5 | 5:02  | -0.4 | 5:30                                                                                | 6:25 |    |
| 6    | Mon | 10:46 | 7.7 | 11:01 | 8.3 | 5:43  | -0.9 | 5:56  | -0.7 | 5:31                                                                                | 6:24 |    |
| 7    | Tue | 11:36 | 8.0 | 11:53 | 8.1 | 6:31  | -1.1 | 6:49  | -0.8 | 5:32                                                                                | 6:22 |    |
| 8    | Wed |       |     | 12:29 | 8.1 | 7:18  | -1.2 | 7:40  | -0.7 | 5:33                                                                                | 6:20 |    |
| 9    | Thu | 12:48 | 7.8 | 1:25  | 8.0 | 8:05  | -0.9 | 8:32  | -0.3 | 5:34                                                                                | 6:19 |    |
| 10   | Fri | 1:46  | 7.4 | 2:23  | 7.8 | 8:53  | -0.4 | 9:28  | 0.2  | 5:35                                                                                | 6:17 |    |
| 11   | Sat | 2:47  | 6.9 | 3:21  | 7.6 | 9:47  | 0.2  | 10:30 | 0.7  | 5:36                                                                                | 6:15 |    |
| 12   | Sun | 3:47  | 6.5 | 4:18  | 7.3 | 10:48 | 0.8  | 11:36 | 1.1  | 5:37                                                                                | 6:14 |   |
| 13   | Mon | 4:45  | 6.2 | 5:14  | 7.0 | 11:53 | 1.3  |       |      | 5:38                                                                                | 6:12 |  |
| 14   | Tue | 5:45  | 6.0 | 6:13  | 6.8 | 12:41 | 1.2  | 12:56 | 1.5  | 5:39                                                                                | 6:10 |  |
| 15   | Wed | 6:48  | 5.9 | 7:13  | 6.8 | 1:41  | 1.1  | 1:54  | 1.5  | 5:40                                                                                | 6:08 |  |
| 16   | Thu | 7:48  | 6.0 | 8:09  | 6.9 | 2:34  | 1.0  | 2:46  | 1.4  | 5:41                                                                                | 6:07 |  |
| 17   | Fri | 8:40  | 6.2 | 8:57  | 7.0 | 3:22  | 0.8  | 3:34  | 1.2  | 5:42                                                                                | 6:05 |  |
| 18   | Sat | 9:24  | 6.5 | 9:39  | 7.1 | 4:05  | 0.7  | 4:19  | 1.1  | 5:43                                                                                | 6:03 |  |
| 19   | Sun | 10:04 | 6.7 | 10:18 | 7.1 | 4:47  | 0.5  | 5:03  | 0.9  | 5:44                                                                                | 6:02 |  |
| 20   | Mon | 10:41 | 6.8 | 10:55 | 7.1 | 5:26  | 0.4  | 5:45  | 0.8  | 5:45                                                                                | 6:00 |  |
| 21   | Tue | 11:16 | 6.9 | 11:30 | 6.9 | 6:04  | 0.4  | 6:25  | 0.8  | 5:46                                                                                | 5:58 |  |
| 22   | Wed | 11:49 | 6.9 |       |     | 6:39  | 0.5  | 7:03  | 0.9  | 5:47                                                                                | 5:57 |  |
| 23   | Thu | 12:05 | 6.6 | 12:21 | 6.8 | 7:12  | 0.6  | 7:39  | 1.1  | 5:48                                                                                | 5:55 |  |
| 24   | Fri | 12:40 | 6.3 | 12:50 | 6.6 | 7:42  | 0.9  | 8:14  | 1.3  | 5:49                                                                                | 5:53 |  |
| 25   | Sat | 1:15  | 6.0 | 1:19  | 6.5 | 8:10  | 1.2  | 8:49  | 1.6  | 5:50                                                                                | 5:52 |  |
| 26   | Sun | 1:56  | 5.8 | 1:57  | 6.5 | 8:38  | 1.5  | 9:31  | 1.9  | 5:51                                                                                | 5:50 |  |
| 27   | Mon | 2:44  | 5.6 | 2:45  | 6.5 | 9:15  | 1.7  | 10:32 | 2.0  | 5:52                                                                                | 5:48 |  |
| 28   | Tue | 3:39  | 5.5 | 3:41  | 6.5 | 10:06 | 2.0  | 11:49 | 2.0  | 5:53                                                                                | 5:46 |  |
| 29   | Wed | 4:37  | 5.5 | 4:42  | 6.6 | 11:27 | 2.0  |       |      | 5:54                                                                                | 5:45 |  |
| 30   | Thu | 5:40  | 5.7 | 5:49  | 6.8 | 12:56 | 1.7  | 12:50 | 1.7  | 5:55                                                                                | 5:43 |  |