

## Hell Gate, Wards Island, NY - Sep 1858

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 4:26  | 5.7 | 4:51  | 7.0 | 11:24 | 1.4  |       |      | 5:26                                                                                | 6:32 |    |
| 2    | Thu | 5:34  | 5.6 | 6:01  | 7.1 | 12:52 | 1.5  | 12:44 | 1.4  | 5:27                                                                                | 6:31 |    |
| 3    | Fri | 6:49  | 5.8 | 7:16  | 7.2 | 1:57  | 1.1  | 1:54  | 1.1  | 5:28                                                                                | 6:29 |    |
| 4    | Sat | 7:59  | 6.2 | 8:22  | 7.5 | 2:54  | 0.6  | 2:56  | 0.7  | 5:29                                                                                | 6:27 |    |
| 5    | Sun | 8:58  | 6.7 | 9:17  | 7.7 | 3:47  | 0.1  | 3:53  | 0.3  | 5:30                                                                                | 6:26 |    |
| 6    | Mon | 9:49  | 7.2 | 10:05 | 7.8 | 4:37  | -0.3 | 4:47  | 0.1  | 5:31                                                                                | 6:24 |    |
| 7    | Tue | 10:36 | 7.5 | 10:51 | 7.8 | 5:25  | -0.6 | 5:38  | -0.1 | 5:32                                                                                | 6:22 |    |
| 8    | Wed | 11:22 | 7.6 | 11:36 | 7.5 | 6:10  | -0.6 | 6:27  | -0.1 | 5:33                                                                                | 6:21 |    |
| 9    | Thu |       |     | 12:06 | 7.6 | 6:52  | -0.5 | 7:13  | 0.1  | 5:34                                                                                | 6:19 |    |
| 10   | Fri | 12:21 | 7.1 | 12:51 | 7.4 | 7:32  | -0.1 | 7:57  | 0.5  | 5:35                                                                                | 6:17 |    |
| 11   | Sat | 1:08  | 6.7 | 1:37  | 7.2 | 8:10  | 0.5  | 8:41  | 0.9  | 5:36                                                                                | 6:16 |    |
| 12   | Sun | 1:57  | 6.2 | 2:25  | 6.9 | 8:48  | 1.1  | 9:28  | 1.5  | 5:37                                                                                | 6:14 |   |
| 13   | Mon | 2:49  | 5.7 | 3:14  | 6.6 | 9:27  | 1.7  | 10:22 | 2.0  | 5:38                                                                                | 6:12 |  |
| 14   | Tue | 3:42  | 5.4 | 4:03  | 6.3 | 10:14 | 2.3  | 11:26 | 2.3  | 5:39                                                                                | 6:11 |  |
| 15   | Wed | 4:35  | 5.1 | 4:54  | 6.2 | 11:19 | 2.6  |       |      | 5:40                                                                                | 6:09 |  |
| 16   | Thu | 5:30  | 5.0 | 5:50  | 6.1 | 12:31 | 2.3  | 12:28 | 2.7  | 5:41                                                                                | 6:07 |  |
| 17   | Fri | 6:30  | 5.1 | 6:50  | 6.1 | 1:28  | 2.2  | 1:29  | 2.6  | 5:42                                                                                | 6:06 |  |
| 18   | Sat | 7:31  | 5.3 | 7:46  | 6.3 | 2:18  | 1.9  | 2:21  | 2.3  | 5:42                                                                                | 6:04 |  |
| 19   | Sun | 8:22  | 5.7 | 8:34  | 6.6 | 3:03  | 1.5  | 3:09  | 1.9  | 5:43                                                                                | 6:02 |  |
| 20   | Mon | 9:04  | 6.1 | 9:14  | 6.9 | 3:44  | 1.0  | 3:54  | 1.4  | 5:44                                                                                | 6:01 |  |
| 21   | Tue | 9:40  | 6.5 | 9:50  | 7.1 | 4:23  | 0.7  | 4:37  | 1.1  | 5:45                                                                                | 5:59 |  |
| 22   | Wed | 10:12 | 6.9 | 10:25 | 7.2 | 5:02  | 0.4  | 5:21  | 0.7  | 5:46                                                                                | 5:57 |  |
| 23   | Thu | 10:44 | 7.2 | 11:00 | 7.1 | 5:40  | 0.2  | 6:05  | 0.4  | 5:47                                                                                | 5:55 |  |
| 24   | Fri | 11:17 | 7.5 | 11:38 | 6.9 | 6:17  | 0.1  | 6:48  | 0.3  | 5:48                                                                                | 5:54 |  |
| 25   | Sat | 11:53 | 7.6 |       |     | 6:54  | 0.1  | 7:31  | 0.3  | 5:49                                                                                | 5:52 |  |
| 26   | Sun | 12:20 | 6.7 | 12:37 | 7.6 | 7:31  | 0.2  | 8:17  | 0.5  | 5:50                                                                                | 5:50 |  |
| 27   | Mon | 1:11  | 6.3 | 1:28  | 7.5 | 8:11  | 0.5  | 9:08  | 0.9  | 5:51                                                                                | 5:49 |  |
| 28   | Tue | 2:11  | 6.0 | 2:30  | 7.3 | 8:58  | 0.9  | 10:12 | 1.3  | 5:53                                                                                | 5:47 |  |
| 29   | Wed | 3:19  | 5.8 | 3:38  | 7.1 | 9:59  | 1.3  | 11:27 | 1.4  | 5:54                                                                                | 5:45 |  |
| 30   | Thu | 4:27  | 5.8 | 4:46  | 6.9 | 11:21 | 1.6  |       |      | 5:55                                                                                | 5:44 |  |