

## Hell Gate, Wards Island, NY - Oct 1841

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Fri | 10:56 | 7.3 | 11:16 | 6.7 | 5:52  | 0.4  | 6:25  | 0.6  | 5:56                                                                                | 5:42 |    |
| 2    | Sat | 11:25 | 7.4 | 11:51 | 6.4 | 6:27  | 0.4  | 7:06  | 0.6  | 5:57                                                                                | 5:40 |    |
| 3    | Sun |       |     | 12:00 | 7.4 | 7:02  | 0.5  | 7:46  | 0.7  | 5:58                                                                                | 5:39 |    |
| 4    | Mon | 12:32 | 6.2 | 12:42 | 7.3 | 7:38  | 0.7  | 8:30  | 0.9  | 5:59                                                                                | 5:37 |    |
| 5    | Tue | 1:23  | 5.9 | 1:34  | 7.2 | 8:17  | 0.9  | 9:22  | 1.2  | 6:00                                                                                | 5:35 |    |
| 6    | Wed | 2:26  | 5.7 | 2:38  | 7.0 | 9:05  | 1.2  | 10:29 | 1.4  | 6:01                                                                                | 5:34 |    |
| 7    | Thu | 3:35  | 5.7 | 3:48  | 6.9 | 10:13 | 1.6  | 11:43 | 1.4  | 6:02                                                                                | 5:32 |    |
| 8    | Fri | 4:41  | 5.7 | 4:56  | 6.8 | 11:40 | 1.6  |       |      | 6:03                                                                                | 5:30 |    |
| 9    | Sat | 5:47  | 6.0 | 6:05  | 6.9 | 12:50 | 1.1  | 12:56 | 1.4  | 6:04                                                                                | 5:29 |    |
| 10   | Sun | 6:54  | 6.4 | 7:14  | 7.0 | 1:49  | 0.7  | 2:01  | 0.9  | 6:05                                                                                | 5:27 |    |
| 11   | Mon | 7:56  | 7.0 | 8:15  | 7.2 | 2:42  | 0.1  | 2:59  | 0.4  | 6:06                                                                                | 5:26 |    |
| 12   | Tue | 8:49  | 7.5 | 9:07  | 7.3 | 3:31  | -0.3 | 3:53  | 0.0  | 6:07                                                                                | 5:24 |   |
| 13   | Wed | 9:37  | 7.9 | 9:54  | 7.4 | 4:18  | -0.5 | 4:45  | -0.3 | 6:08                                                                                | 5:22 |  |
| 14   | Thu | 10:21 | 8.1 | 10:40 | 7.2 | 5:04  | -0.6 | 5:34  | -0.4 | 6:09                                                                                | 5:21 |  |
| 15   | Fri | 11:04 | 8.1 | 11:25 | 7.0 | 5:50  | -0.5 | 6:22  | -0.4 | 6:11                                                                                | 5:19 |  |
| 16   | Sat | 11:47 | 7.9 |       |     | 6:33  | -0.1 | 7:08  | -0.1 | 6:12                                                                                | 5:18 |  |
| 17   | Sun | 12:12 | 6.6 | 12:32 | 7.5 | 7:15  | 0.3  | 7:53  | 0.3  | 6:13                                                                                | 5:16 |  |
| 18   | Mon | 1:01  | 6.2 | 1:19  | 7.1 | 7:55  | 0.9  | 8:37  | 0.8  | 6:14                                                                                | 5:15 |  |
| 19   | Tue | 1:55  | 5.8 | 2:11  | 6.7 | 8:36  | 1.5  | 9:25  | 1.3  | 6:15                                                                                | 5:13 |  |
| 20   | Wed | 2:52  | 5.5 | 3:06  | 6.4 | 9:20  | 2.0  | 10:20 | 1.7  | 6:16                                                                                | 5:12 |  |
| 21   | Thu | 3:47  | 5.3 | 4:00  | 6.1 | 10:16 | 2.5  | 11:22 | 2.0  | 6:17                                                                                | 5:11 |  |
| 22   | Fri | 4:40  | 5.2 | 4:52  | 5.9 | 11:27 | 2.7  |       |      | 6:18                                                                                | 5:09 |  |
| 23   | Sat | 5:33  | 5.3 | 5:44  | 5.8 | 12:21 | 1.9  | 12:34 | 2.6  | 6:19                                                                                | 5:08 |  |
| 24   | Sun | 6:27  | 5.4 | 6:39  | 5.8 | 1:13  | 1.8  | 1:31  | 2.3  | 6:21                                                                                | 5:06 |  |
| 25   | Mon | 7:19  | 5.7 | 7:32  | 5.9 | 1:59  | 1.5  | 2:21  | 1.9  | 6:22                                                                                | 5:05 |  |
| 26   | Tue | 8:06  | 6.1 | 8:20  | 6.1 | 2:40  | 1.1  | 3:07  | 1.5  | 6:23                                                                                | 5:04 |  |
| 27   | Wed | 8:45  | 6.5 | 9:01  | 6.3 | 3:20  | 0.8  | 3:51  | 1.1  | 6:24                                                                                | 5:02 |  |
| 28   | Thu | 9:19  | 6.9 | 9:38  | 6.4 | 3:58  | 0.6  | 4:35  | 0.7  | 6:25                                                                                | 5:01 |  |
| 29   | Fri | 9:51  | 7.3 | 10:15 | 6.4 | 4:36  | 0.4  | 5:19  | 0.3  | 6:26                                                                                | 5:00 |  |
| 30   | Sat | 10:23 | 7.5 | 10:52 | 6.3 | 5:16  | 0.3  | 6:04  | 0.1  | 6:28                                                                                | 4:58 |  |
| 31   | Sun | 10:59 | 7.7 | 11:34 | 6.2 | 5:57  | 0.2  | 6:48  | 0.0  | 6:29                                                                                | 4:57 |  |