

## Hell Gate, Wards Island, NY - Mar 1847

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 10:40 | 6.3 | 11:03 | 6.1 | 5:21  | -0.3 | 5:52  | -0.5 | 6:34                                                                                | 5:50 |    |
| 2    | Tue | 11:16 | 6.2 | 11:39 | 6.2 | 6:02  | -0.4 | 6:29  | -0.6 | 6:32                                                                                | 5:51 |    |
| 3    | Wed | 11:50 | 6.1 |       |     | 6:41  | -0.4 | 7:03  | -0.5 | 6:31                                                                                | 5:52 |    |
| 4    | Thu | 12:14 | 6.1 | 12:23 | 5.9 | 7:17  | -0.3 | 7:35  | -0.3 | 6:29                                                                                | 5:53 |    |
| 5    | Fri | 12:47 | 6.0 | 12:54 | 5.6 | 7:51  | -0.1 | 8:04  | 0.0  | 6:28                                                                                | 5:54 |    |
| 6    | Sat | 1:18  | 5.9 | 1:25  | 5.4 | 8:24  | 0.2  | 8:30  | 0.3  | 6:26                                                                                | 5:55 |    |
| 7    | Sun | 1:50  | 5.8 | 2:02  | 5.2 | 8:58  | 0.5  | 8:57  | 0.6  | 6:24                                                                                | 5:57 |    |
| 8    | Mon | 2:28  | 5.7 | 2:48  | 5.0 | 9:39  | 0.8  | 9:34  | 0.8  | 6:23                                                                                | 5:58 |    |
| 9    | Tue | 3:15  | 5.7 | 3:41  | 4.9 | 10:41 | 1.0  | 10:32 | 1.1  | 6:21                                                                                | 5:59 |    |
| 10   | Wed | 4:10  | 5.7 | 4:41  | 4.9 |       |      | 12:02 | 1.0  | 6:20                                                                                | 6:00 |    |
| 11   | Thu | 5:12  | 5.8 | 5:49  | 5.0 | 12:04 | 1.1  | 1:12  | 0.7  | 6:18                                                                                | 6:01 |    |
| 12   | Fri | 6:24  | 6.0 | 7:05  | 5.4 | 1:23  | 0.7  | 2:12  | 0.2  | 6:16                                                                                | 6:02 |   |
| 13   | Sat | 7:37  | 6.4 | 8:12  | 6.0 | 2:27  | 0.1  | 3:07  | -0.5 | 6:15                                                                                | 6:03 |  |
| 14   | Sun | 8:39  | 6.9 | 9:07  | 6.6 | 3:25  | -0.5 | 3:59  | -1.1 | 6:13                                                                                | 6:04 |  |
| 15   | Mon | 9:33  | 7.3 | 9:58  | 7.2 | 4:20  | -1.2 | 4:50  | -1.6 | 6:11                                                                                | 6:05 |  |
| 16   | Tue | 10:23 | 7.5 | 10:47 | 7.6 | 5:14  | -1.7 | 5:39  | -2.0 | 6:10                                                                                | 6:06 |  |
| 17   | Wed | 11:13 | 7.6 | 11:37 | 7.7 | 6:07  | -2.0 | 6:28  | -2.1 | 6:08                                                                                | 6:07 |  |
| 18   | Thu |       |     | 12:05 | 7.4 | 6:58  | -2.0 | 7:15  | -2.0 | 6:06                                                                                | 6:09 |  |
| 19   | Fri | 12:28 | 7.6 | 12:59 | 7.1 | 7:47  | -1.8 | 8:02  | -1.6 | 6:05                                                                                | 6:10 |  |
| 20   | Sat | 1:22  | 7.4 | 1:55  | 6.6 | 8:38  | -1.3 | 8:50  | -1.0 | 6:03                                                                                | 6:11 |  |
| 21   | Sun | 2:18  | 7.0 | 2:53  | 6.2 | 9:32  | -0.7 | 9:42  | -0.2 | 6:01                                                                                | 6:12 |  |
| 22   | Mon | 3:15  | 6.6 | 3:51  | 5.9 | 10:31 | 0.0  | 10:42 | 0.5  | 6:00                                                                                | 6:13 |  |
| 23   | Tue | 4:11  | 6.2 | 4:47  | 5.6 | 11:36 | 0.4  | 11:47 | 0.9  | 5:58                                                                                | 6:14 |  |
| 24   | Wed | 5:07  | 5.9 | 5:44  | 5.4 |       |      | 12:39 | 0.6  | 5:56                                                                                | 6:15 |  |
| 25   | Thu | 6:06  | 5.6 | 6:44  | 5.3 | 12:50 | 1.1  | 1:38  | 0.7  | 5:55                                                                                | 6:16 |  |
| 26   | Fri | 7:08  | 5.6 | 7:42  | 5.5 | 1:49  | 1.1  | 2:29  | 0.6  | 5:53                                                                                | 6:17 |  |
| 27   | Sat | 8:05  | 5.7 | 8:33  | 5.8 | 2:41  | 0.9  | 3:15  | 0.4  | 5:51                                                                                | 6:18 |  |
| 28   | Sun | 8:53  | 5.9 | 9:17  | 6.1 | 3:28  | 0.6  | 3:58  | 0.2  | 5:50                                                                                | 6:19 |  |
| 29   | Mon | 9:35  | 6.0 | 9:56  | 6.4 | 4:12  | 0.3  | 4:38  | 0.0  | 5:48                                                                                | 6:20 |  |
| 30   | Tue | 10:13 | 6.1 | 10:33 | 6.5 | 4:55  | 0.1  | 5:17  | -0.1 | 5:46                                                                                | 6:21 |  |
| 31   | Wed | 10:49 | 6.1 | 11:07 | 6.6 | 5:37  | -0.1 | 5:55  | -0.1 | 5:45                                                                                | 6:22 |  |