

## Hell Gate, Wards Island, NY - Apr 1840

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 9:52  | 6.7 | 10:09 | 7.1 | 4:44  | -0.3 | 5:02  | -0.7 | 5:42                                                                                | 6:24 |    |
| 2    | Thu | 10:34 | 6.8 | 10:49 | 7.5 | 5:33  | -0.8 | 5:45  | -0.9 | 5:40                                                                                | 6:25 |    |
| 3    | Fri | 11:18 | 6.7 | 11:32 | 7.7 | 6:21  | -1.1 | 6:28  | -1.0 | 5:39                                                                                | 6:26 |    |
| 4    | Sat |       |     | 12:06 | 6.6 | 7:09  | -1.2 | 7:12  | -0.9 | 5:37                                                                                | 6:27 |    |
| 5    | Sun | 12:19 | 7.7 | 12:59 | 6.3 | 7:57  | -1.0 | 7:57  | -0.6 | 5:35                                                                                | 6:28 |    |
| 6    | Mon | 1:13  | 7.4 | 2:00  | 6.0 | 8:49  | -0.6 | 8:46  | -0.2 | 5:34                                                                                | 6:29 |    |
| 7    | Tue | 2:14  | 7.1 | 3:04  | 5.7 | 9:47  | -0.1 | 9:45  | 0.4  | 5:32                                                                                | 6:30 |    |
| 8    | Wed | 3:20  | 6.7 | 4:09  | 5.6 | 10:55 | 0.3  | 10:58 | 0.9  | 5:31                                                                                | 6:31 |    |
| 9    | Thu | 4:25  | 6.4 | 5:12  | 5.6 |       |      | 12:05 | 0.5  | 5:29                                                                                | 6:32 |    |
| 10   | Fri | 5:31  | 6.1 | 6:17  | 5.7 | 12:14 | 1.1  | 1:09  | 0.4  | 5:27                                                                                | 6:33 |    |
| 11   | Sat | 6:38  | 6.0 | 7:21  | 5.9 | 1:23  | 1.0  | 2:06  | 0.2  | 5:26                                                                                | 6:34 |    |
| 12   | Sun | 7:43  | 6.0 | 8:17  | 6.3 | 2:23  | 0.7  | 2:57  | 0.0  | 5:24                                                                                | 6:35 |   |
| 13   | Mon | 8:37  | 6.2 | 9:05  | 6.6 | 3:16  | 0.4  | 3:43  | -0.1 | 5:23                                                                                | 6:36 |  |
| 14   | Tue | 9:23  | 6.2 | 9:46  | 6.9 | 4:05  | 0.1  | 4:25  | -0.2 | 5:21                                                                                | 6:38 |  |
| 15   | Wed | 10:04 | 6.3 | 10:23 | 7.1 | 4:51  | -0.1 | 5:06  | -0.1 | 5:20                                                                                | 6:39 |  |
| 16   | Thu | 10:43 | 6.2 | 10:59 | 7.1 | 5:34  | -0.2 | 5:45  | 0.0  | 5:18                                                                                | 6:40 |  |
| 17   | Fri | 11:21 | 6.0 | 11:34 | 7.0 | 6:16  | -0.2 | 6:22  | 0.2  | 5:17                                                                                | 6:41 |  |
| 18   | Sat |       |     | 12:00 | 5.8 | 6:55  | -0.1 | 6:56  | 0.5  | 5:15                                                                                | 6:42 |  |
| 19   | Sun | 12:09 | 6.8 | 12:40 | 5.5 | 7:33  | 0.1  | 7:28  | 0.9  | 5:14                                                                                | 6:43 |  |
| 20   | Mon | 12:44 | 6.5 | 1:22  | 5.2 | 8:09  | 0.4  | 7:58  | 1.2  | 5:12                                                                                | 6:44 |  |
| 21   | Tue | 1:21  | 6.2 | 2:10  | 5.0 | 8:46  | 0.8  | 8:28  | 1.6  | 5:11                                                                                | 6:45 |  |
| 22   | Wed | 2:02  | 5.9 | 3:00  | 4.8 | 9:27  | 1.2  | 9:01  | 1.9  | 5:09                                                                                | 6:46 |  |
| 23   | Thu | 2:50  | 5.7 | 3:49  | 4.8 | 10:18 | 1.5  | 9:49  | 2.2  | 5:08                                                                                | 6:47 |  |
| 24   | Fri | 3:41  | 5.6 | 4:38  | 4.8 | 11:22 | 1.6  | 11:15 | 2.4  | 5:06                                                                                | 6:48 |  |
| 25   | Sat | 4:34  | 5.6 | 5:28  | 5.0 |       |      | 12:25 | 1.4  | 5:05                                                                                | 6:49 |  |
| 26   | Sun | 5:31  | 5.6 | 6:22  | 5.4 | 12:38 | 2.1  | 1:19  | 1.1  | 5:04                                                                                | 6:50 |  |
| 27   | Mon | 6:35  | 5.8 | 7:18  | 5.9 | 1:41  | 1.7  | 2:08  | 0.7  | 5:02                                                                                | 6:51 |  |
| 28   | Tue | 7:37  | 6.0 | 8:09  | 6.5 | 2:37  | 1.0  | 2:54  | 0.3  | 5:01                                                                                | 6:52 |  |
| 29   | Wed | 8:32  | 6.3 | 8:55  | 7.2 | 3:29  | 0.3  | 3:39  | -0.1 | 4:59                                                                                | 6:53 |  |
| 30   | Thu | 9:22  | 6.5 | 9:39  | 7.8 | 4:20  | -0.3 | 4:25  | -0.5 | 4:58                                                                                | 6:54 |  |