

## Hell Gate, Wards Island, NY - Feb 1819

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 3:58  | 5.9 | 4:18  | 5.2 | 11:08 | 0.6  | 11:18 | 0.3  | 7:10                                                                                | 5:16 |    |
| 2    | Tue | 4:47  | 5.6 | 5:10  | 4.8 |       |      | 12:13 | 0.9  | 7:09                                                                                | 5:17 |    |
| 3    | Wed | 5:37  | 5.5 | 6:06  | 4.5 | 12:14 | 0.7  | 1:15  | 0.9  | 7:08                                                                                | 5:19 |    |
| 4    | Thu | 6:34  | 5.3 | 7:09  | 4.3 | 1:11  | 1.0  | 2:12  | 0.9  | 7:07                                                                                | 5:20 |    |
| 5    | Fri | 7:35  | 5.4 | 8:10  | 4.4 | 2:04  | 1.0  | 3:03  | 0.7  | 7:06                                                                                | 5:21 |    |
| 6    | Sat | 8:30  | 5.6 | 9:01  | 4.7 | 2:54  | 0.9  | 3:50  | 0.4  | 7:05                                                                                | 5:22 |    |
| 7    | Sun | 9:17  | 5.8 | 9:45  | 4.9 | 3:41  | 0.6  | 4:35  | 0.1  | 7:04                                                                                | 5:23 |    |
| 8    | Mon | 9:57  | 6.0 | 10:26 | 5.2 | 4:27  | 0.4  | 5:17  | -0.1 | 7:03                                                                                | 5:25 |    |
| 9    | Tue | 10:34 | 6.1 | 11:03 | 5.4 | 5:11  | 0.2  | 5:56  | -0.4 | 7:02                                                                                | 5:26 |    |
| 10   | Wed | 11:07 | 6.2 | 11:39 | 5.5 | 5:52  | 0.0  | 6:33  | -0.6 | 7:00                                                                                | 5:27 |    |
| 11   | Thu | 11:38 | 6.2 |       |     | 6:31  | -0.1 | 7:07  | -0.6 | 6:59                                                                                | 5:28 |    |
| 12   | Fri | 12:13 | 5.5 | 12:08 | 6.1 | 7:08  | -0.2 | 7:39  | -0.6 | 6:58                                                                                | 5:30 |   |
| 13   | Sat | 12:45 | 5.6 | 12:40 | 5.9 | 7:43  | -0.1 | 8:08  | -0.4 | 6:57                                                                                | 5:31 |  |
| 14   | Sun | 1:18  | 5.7 | 1:17  | 5.7 | 8:19  | 0.0  | 8:36  | -0.3 | 6:55                                                                                | 5:32 |  |
| 15   | Mon | 1:56  | 5.8 | 2:02  | 5.4 | 8:59  | 0.2  | 9:09  | 0.0  | 6:54                                                                                | 5:33 |  |
| 16   | Tue | 2:41  | 5.9 | 2:54  | 5.1 | 9:50  | 0.5  | 9:51  | 0.2  | 6:53                                                                                | 5:34 |  |
| 17   | Wed | 3:33  | 6.0 | 3:52  | 4.9 | 11:01 | 0.7  | 10:54 | 0.5  | 6:51                                                                                | 5:36 |  |
| 18   | Thu | 4:31  | 6.0 | 4:57  | 4.7 |       |      | 12:24 | 0.7  | 6:50                                                                                | 5:37 |  |
| 19   | Fri | 5:38  | 6.1 | 6:14  | 4.7 | 12:21 | 0.6  | 1:36  | 0.4  | 6:49                                                                                | 5:38 |  |
| 20   | Sat | 6:55  | 6.2 | 7:36  | 5.0 | 1:38  | 0.3  | 2:39  | 0.0  | 6:47                                                                                | 5:39 |  |
| 21   | Sun | 8:09  | 6.6 | 8:44  | 5.5 | 2:45  | -0.1 | 3:36  | -0.6 | 6:46                                                                                | 5:40 |  |
| 22   | Mon | 9:10  | 7.0 | 9:40  | 6.0 | 3:45  | -0.6 | 4:30  | -1.1 | 6:45                                                                                | 5:42 |  |
| 23   | Tue | 10:02 | 7.3 | 10:30 | 6.4 | 4:41  | -1.1 | 5:21  | -1.6 | 6:43                                                                                | 5:43 |  |
| 24   | Wed | 10:51 | 7.4 | 11:19 | 6.7 | 5:35  | -1.4 | 6:09  | -1.9 | 6:42                                                                                | 5:44 |  |
| 25   | Thu | 11:39 | 7.3 |       |     | 6:26  | -1.5 | 6:53  | -1.9 | 6:40                                                                                | 5:45 |  |
| 26   | Fri | 12:06 | 6.8 | 12:26 | 7.0 | 7:14  | -1.4 | 7:36  | -1.7 | 6:39                                                                                | 5:46 |  |
| 27   | Sat | 12:54 | 6.7 | 1:15  | 6.6 | 7:59  | -1.1 | 8:16  | -1.2 | 6:37                                                                                | 5:47 |  |
| 28   | Sun | 1:41  | 6.5 | 2:05  | 6.1 | 8:45  | -0.5 | 8:57  | -0.5 | 6:36                                                                                | 5:49 |  |