

## Hell Gate, Wards Island, NY - Sep 1830

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 9:28  | 6.6 | 9:45  | 7.8 | 4:23  | 0.2  | 4:33  | 0.4  | 5:25                                                                                | 6:33 |    |
| 2    | Thu | 10:11 | 7.1 | 10:29 | 8.0 | 5:10  | -0.3 | 5:24  | 0.0  | 5:26                                                                                | 6:31 |    |
| 3    | Fri | 10:55 | 7.5 | 11:15 | 8.0 | 5:55  | -0.7 | 6:14  | -0.3 | 5:27                                                                                | 6:29 |    |
| 4    | Sat | 11:41 | 7.7 |       |     | 6:40  | -0.9 | 7:03  | -0.5 | 5:28                                                                                | 6:28 |    |
| 5    | Sun | 12:04 | 7.9 | 12:32 | 7.8 | 7:25  | -0.9 | 7:53  | -0.4 | 5:29                                                                                | 6:26 |    |
| 6    | Mon | 12:58 | 7.6 | 1:27  | 7.8 | 8:11  | -0.7 | 8:45  | -0.1 | 5:30                                                                                | 6:24 |    |
| 7    | Tue | 1:56  | 7.2 | 2:27  | 7.7 | 8:59  | -0.3 | 9:43  | 0.3  | 5:31                                                                                | 6:23 |    |
| 8    | Wed | 2:58  | 6.9 | 3:28  | 7.5 | 9:55  | 0.2  | 10:49 | 0.7  | 5:32                                                                                | 6:21 |    |
| 9    | Thu | 3:59  | 6.6 | 4:27  | 7.3 | 10:59 | 0.6  | 11:57 | 0.9  | 5:33                                                                                | 6:19 |    |
| 10   | Fri | 5:00  | 6.4 | 5:27  | 7.1 |       |      | 12:06 | 0.9  | 5:34                                                                                | 6:18 |    |
| 11   | Sat | 6:02  | 6.3 | 6:30  | 7.0 | 1:02  | 0.9  | 1:11  | 1.0  | 5:35                                                                                | 6:16 |    |
| 12   | Sun | 7:07  | 6.3 | 7:34  | 7.0 | 2:02  | 0.7  | 2:10  | 1.0  | 5:36                                                                                | 6:14 |   |
| 13   | Mon | 8:07  | 6.5 | 8:30  | 7.1 | 2:55  | 0.5  | 3:03  | 0.8  | 5:37                                                                                | 6:13 |  |
| 14   | Tue | 8:59  | 6.7 | 9:17  | 7.2 | 3:44  | 0.3  | 3:53  | 0.7  | 5:38                                                                                | 6:11 |  |
| 15   | Wed | 9:44  | 7.0 | 10:00 | 7.3 | 4:30  | 0.2  | 4:40  | 0.6  | 5:39                                                                                | 6:09 |  |
| 16   | Thu | 10:26 | 7.1 | 10:39 | 7.2 | 5:13  | 0.1  | 5:25  | 0.5  | 5:40                                                                                | 6:08 |  |
| 17   | Fri | 11:05 | 7.2 | 11:17 | 7.1 | 5:54  | 0.1  | 6:08  | 0.5  | 5:41                                                                                | 6:06 |  |
| 18   | Sat | 11:44 | 7.1 | 11:55 | 6.8 | 6:32  | 0.3  | 6:49  | 0.6  | 5:42                                                                                | 6:04 |  |
| 19   | Sun |       |     | 12:22 | 7.0 | 7:08  | 0.5  | 7:28  | 0.8  | 5:43                                                                                | 6:03 |  |
| 20   | Mon | 12:34 | 6.5 | 1:01  | 6.8 | 7:42  | 0.8  | 8:05  | 1.1  | 5:44                                                                                | 6:01 |  |
| 21   | Tue | 1:13  | 6.2 | 1:41  | 6.6 | 8:13  | 1.2  | 8:42  | 1.4  | 5:45                                                                                | 5:59 |  |
| 22   | Wed | 1:56  | 5.8 | 2:22  | 6.4 | 8:42  | 1.6  | 9:22  | 1.8  | 5:46                                                                                | 5:58 |  |
| 23   | Thu | 2:42  | 5.6 | 3:04  | 6.3 | 9:11  | 1.9  | 10:12 | 2.1  | 5:47                                                                                | 5:56 |  |
| 24   | Fri | 3:30  | 5.4 | 3:49  | 6.2 | 9:52  | 2.2  | 11:18 | 2.2  | 5:48                                                                                | 5:54 |  |
| 25   | Sat | 4:19  | 5.3 | 4:37  | 6.2 | 11:02 | 2.4  |       |      | 5:49                                                                                | 5:52 |  |
| 26   | Sun | 5:12  | 5.3 | 5:31  | 6.3 | 12:25 | 2.1  | 12:26 | 2.3  | 5:50                                                                                | 5:51 |  |
| 27   | Mon | 6:12  | 5.5 | 6:34  | 6.6 | 1:24  | 1.7  | 1:31  | 2.0  | 5:51                                                                                | 5:49 |  |
| 28   | Tue | 7:15  | 5.9 | 7:36  | 6.9 | 2:16  | 1.2  | 2:27  | 1.4  | 5:52                                                                                | 5:47 |  |
| 29   | Wed | 8:11  | 6.5 | 8:31  | 7.4 | 3:04  | 0.6  | 3:20  | 0.7  | 5:53                                                                                | 5:46 |  |
| 30   | Thu | 9:00  | 7.1 | 9:20  | 7.7 | 3:52  | 0.0  | 4:12  | 0.1  | 5:54                                                                                | 5:44 |  |