

## Hell Gate, Wards Island, NY - Jul 1903

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 3:51  | 6.8 | 4:34  | 7.1 | 11:07 | -0.2 | 11:39 | 0.9  | 4:27                                                                                | 7:31 |    |
| 2    | Thu | 4:46  | 6.4 | 5:27  | 7.0 |       |      | 12:05 | 0.1  | 4:27                                                                                | 7:30 |    |
| 3    | Fri | 5:42  | 6.1 | 6:21  | 6.9 | 12:42 | 1.0  | 1:01  | 0.4  | 4:28                                                                                | 7:30 |    |
| 4    | Sat | 6:40  | 5.8 | 7:17  | 6.9 | 1:41  | 0.9  | 1:54  | 0.6  | 4:28                                                                                | 7:30 |    |
| 5    | Sun | 7:40  | 5.7 | 8:09  | 7.0 | 2:35  | 0.8  | 2:43  | 0.7  | 4:29                                                                                | 7:30 |    |
| 6    | Mon | 8:35  | 5.7 | 8:57  | 7.1 | 3:25  | 0.6  | 3:30  | 0.8  | 4:29                                                                                | 7:30 |    |
| 7    | Tue | 9:23  | 5.8 | 9:40  | 7.2 | 4:12  | 0.5  | 4:15  | 0.8  | 4:30                                                                                | 7:29 |    |
| 8    | Wed | 10:07 | 5.9 | 10:20 | 7.2 | 4:57  | 0.3  | 5:00  | 0.8  | 4:31                                                                                | 7:29 |    |
| 9    | Thu | 10:49 | 6.0 | 10:59 | 7.2 | 5:40  | 0.2  | 5:43  | 0.9  | 4:31                                                                                | 7:29 |    |
| 10   | Fri | 11:30 | 6.0 | 11:37 | 7.0 | 6:21  | 0.2  | 6:25  | 0.9  | 4:32                                                                                | 7:28 |    |
| 11   | Sat |       |     | 12:12 | 6.0 | 7:00  | 0.2  | 7:04  | 1.1  | 4:33                                                                                | 7:28 |    |
| 12   | Sun | 12:15 | 6.8 | 12:53 | 5.9 | 7:37  | 0.2  | 7:41  | 1.2  | 4:33                                                                                | 7:28 |    |
| 13   | Mon | 12:51 | 6.6 | 1:34  | 5.9 | 8:11  | 0.4  | 8:17  | 1.5  | 4:34                                                                                | 7:27 |   |
| 14   | Tue | 1:28  | 6.3 | 2:14  | 5.8 | 8:44  | 0.6  | 8:52  | 1.7  | 4:35                                                                                | 7:27 |  |
| 15   | Wed | 2:06  | 6.1 | 2:52  | 5.9 | 9:16  | 0.8  | 9:33  | 1.9  | 4:36                                                                                | 7:26 |  |
| 16   | Thu | 2:48  | 6.0 | 3:29  | 6.1 | 9:53  | 0.9  | 10:30 | 2.0  | 4:36                                                                                | 7:26 |  |
| 17   | Fri | 3:35  | 5.8 | 4:10  | 6.3 | 10:40 | 1.1  | 11:43 | 2.0  | 4:37                                                                                | 7:25 |  |
| 18   | Sat | 4:25  | 5.7 | 4:58  | 6.5 | 11:40 | 1.1  |       |      | 4:38                                                                                | 7:24 |  |
| 19   | Sun | 5:22  | 5.7 | 5:53  | 6.8 | 12:52 | 1.7  | 12:44 | 0.9  | 4:39                                                                                | 7:24 |  |
| 20   | Mon | 6:28  | 5.8 | 6:58  | 7.2 | 1:53  | 1.2  | 1:47  | 0.7  | 4:40                                                                                | 7:23 |  |
| 21   | Tue | 7:39  | 6.0 | 8:03  | 7.6 | 2:50  | 0.6  | 2:46  | 0.3  | 4:40                                                                                | 7:22 |  |
| 22   | Wed | 8:43  | 6.4 | 9:01  | 8.0 | 3:45  | 0.0  | 3:43  | -0.1 | 4:41                                                                                | 7:21 |  |
| 23   | Thu | 9:39  | 6.8 | 9:55  | 8.3 | 4:39  | -0.6 | 4:40  | -0.5 | 4:42                                                                                | 7:21 |  |
| 24   | Fri | 10:33 | 7.1 | 10:48 | 8.4 | 5:32  | -1.0 | 5:37  | -0.7 | 4:43                                                                                | 7:20 |  |
| 25   | Sat | 11:27 | 7.4 | 11:41 | 8.3 | 6:23  | -1.3 | 6:31  | -0.8 | 4:44                                                                                | 7:19 |  |
| 26   | Sun |       |     | 12:23 | 7.5 | 7:12  | -1.5 | 7:24  | -0.7 | 4:45                                                                                | 7:18 |  |
| 27   | Mon | 12:37 | 8.0 | 1:20  | 7.5 | 8:01  | -1.3 | 8:16  | -0.4 | 4:46                                                                                | 7:17 |  |
| 28   | Tue | 1:34  | 7.6 | 2:18  | 7.4 | 8:49  | -1.0 | 9:10  | 0.1  | 4:47                                                                                | 7:16 |  |
| 29   | Wed | 2:32  | 7.2 | 3:14  | 7.3 | 9:40  | -0.5 | 10:08 | 0.6  | 4:48                                                                                | 7:15 |  |
| 30   | Thu | 3:29  | 6.8 | 4:07  | 7.2 | 10:35 | 0.1  | 11:11 | 1.0  | 4:49                                                                                | 7:14 |  |
| 31   | Fri | 4:22  | 6.3 | 4:58  | 7.0 | 11:33 | 0.6  |       |      | 4:50                                                                                | 7:13 |  |