

## Hell Gate, Wards Island, NY - Aug 1883

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 9:33  | 6.6 | 9:50  | 7.6 | 4:23  | -0.2 | 4:27  | 0.2  | 4:55                                                                                | 7:15 |    |
| 2    | Thu | 10:21 | 6.8 | 10:36 | 7.6 | 5:12  | -0.3 | 5:17  | 0.2  | 4:56                                                                                | 7:14 |    |
| 3    | Fri | 11:07 | 6.8 | 11:19 | 7.5 | 5:59  | -0.4 | 6:05  | 0.3  | 4:57                                                                                | 7:13 |    |
| 4    | Sat | 11:53 | 6.8 |       |     | 6:42  | -0.4 | 6:50  | 0.4  | 4:58                                                                                | 7:12 |    |
| 5    | Sun | 12:02 | 7.2 | 12:38 | 6.8 | 7:23  | -0.2 | 7:32  | 0.6  | 4:59                                                                                | 7:11 |    |
| 6    | Mon | 12:46 | 6.9 | 1:24  | 6.6 | 8:01  | 0.1  | 8:13  | 1.0  | 5:00                                                                                | 7:10 |    |
| 7    | Tue | 1:30  | 6.5 | 2:09  | 6.5 | 8:37  | 0.5  | 8:54  | 1.4  | 5:01                                                                                | 7:08 |    |
| 8    | Wed | 2:16  | 6.1 | 2:55  | 6.4 | 9:13  | 1.0  | 9:39  | 1.8  | 5:02                                                                                | 7:07 |    |
| 9    | Thu | 3:02  | 5.8 | 3:39  | 6.3 | 9:51  | 1.4  | 10:32 | 2.1  | 5:03                                                                                | 7:06 |    |
| 10   | Fri | 3:47  | 5.5 | 4:22  | 6.2 | 10:35 | 1.8  | 11:33 | 2.3  | 5:04                                                                                | 7:05 |    |
| 11   | Sat | 4:33  | 5.3 | 5:06  | 6.2 | 11:32 | 2.0  |       |      | 5:05                                                                                | 7:03 |    |
| 12   | Sun | 5:22  | 5.2 | 5:54  | 6.2 | 12:35 | 2.2  | 12:33 | 2.1  | 5:06                                                                                | 7:02 |   |
| 13   | Mon | 6:19  | 5.1 | 6:49  | 6.4 | 1:32  | 2.0  | 1:30  | 1.9  | 5:07                                                                                | 7:01 |  |
| 14   | Tue | 7:22  | 5.3 | 7:46  | 6.7 | 2:24  | 1.6  | 2:23  | 1.6  | 5:08                                                                                | 6:59 |  |
| 15   | Wed | 8:18  | 5.6 | 8:35  | 7.1 | 3:12  | 1.1  | 3:13  | 1.2  | 5:09                                                                                | 6:58 |  |
| 16   | Thu | 9:05  | 6.1 | 9:20  | 7.4 | 3:58  | 0.6  | 4:02  | 0.8  | 5:10                                                                                | 6:57 |  |
| 17   | Fri | 9:47  | 6.5 | 10:02 | 7.7 | 4:44  | 0.1  | 4:52  | 0.4  | 5:11                                                                                | 6:55 |  |
| 18   | Sat | 10:29 | 6.9 | 10:45 | 7.9 | 5:29  | -0.3 | 5:42  | 0.0  | 5:12                                                                                | 6:54 |  |
| 19   | Sun | 11:12 | 7.3 | 11:31 | 7.9 | 6:14  | -0.7 | 6:31  | -0.2 | 5:13                                                                                | 6:52 |  |
| 20   | Mon | 11:59 | 7.5 |       |     | 6:57  | -0.8 | 7:19  | -0.3 | 5:14                                                                                | 6:51 |  |
| 21   | Tue | 12:20 | 7.7 | 12:50 | 7.6 | 7:41  | -0.8 | 8:09  | -0.2 | 5:15                                                                                | 6:49 |  |
| 22   | Wed | 1:14  | 7.4 | 1:46  | 7.6 | 8:26  | -0.6 | 9:02  | 0.1  | 5:16                                                                                | 6:48 |  |
| 23   | Thu | 2:13  | 7.0 | 2:46  | 7.5 | 9:15  | -0.3 | 10:02 | 0.6  | 5:17                                                                                | 6:46 |  |
| 24   | Fri | 3:14  | 6.7 | 3:45  | 7.4 | 10:12 | 0.2  | 11:10 | 0.9  | 5:18                                                                                | 6:45 |  |
| 25   | Sat | 4:14  | 6.4 | 4:44  | 7.3 | 11:17 | 0.6  |       |      | 5:19                                                                                | 6:43 |  |
| 26   | Sun | 5:15  | 6.2 | 5:45  | 7.1 | 12:18 | 1.0  | 12:25 | 0.8  | 5:20                                                                                | 6:42 |  |
| 27   | Mon | 6:20  | 6.1 | 6:50  | 7.1 | 1:22  | 0.9  | 1:28  | 0.9  | 5:21                                                                                | 6:40 |  |
| 28   | Tue | 7:25  | 6.2 | 7:52  | 7.1 | 2:20  | 0.6  | 2:26  | 0.8  | 5:22                                                                                | 6:39 |  |
| 29   | Wed | 8:25  | 6.5 | 8:47  | 7.2 | 3:13  | 0.4  | 3:20  | 0.7  | 5:23                                                                                | 6:37 |  |
| 30   | Thu | 9:16  | 6.7 | 9:33  | 7.3 | 4:02  | 0.2  | 4:10  | 0.6  | 5:24                                                                                | 6:36 |  |
| 31   | Fri | 10:01 | 6.9 | 10:16 | 7.4 | 4:48  | 0.0  | 4:57  | 0.5  | 5:25                                                                                | 6:34 |  |