

## Hell Gate, Wards Island, NY - Oct 1788

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |  |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                |
| 1    | Wed | 11:53 | 8.1 |       |     | 6:39  | -0.6 | 7:10  | -0.4 | 5:57                                                                                | 5:40 | ☀                                                                                   |
| 2    | Thu | 12:15 | 7.1 | 12:40 | 7.8 | 7:23  | -0.1 | 7:56  | 0.0  | 5:58                                                                                | 5:39 | ☀                                                                                   |
| 3    | Fri | 1:06  | 6.6 | 1:30  | 7.4 | 8:05  | 0.5  | 8:42  | 0.6  | 5:59                                                                                | 5:37 | ☀                                                                                   |
| 4    | Sat | 2:01  | 6.2 | 2:23  | 7.0 | 8:49  | 1.1  | 9:32  | 1.1  | 6:00                                                                                | 5:36 | ☀                                                                                   |
| 5    | Sun | 2:58  | 5.8 | 3:17  | 6.6 | 9:37  | 1.7  | 10:29 | 1.6  | 6:01                                                                                | 5:34 | ☀                                                                                   |
| 6    | Mon | 3:52  | 5.6 | 4:10  | 6.3 | 10:35 | 2.2  | 11:31 | 1.9  | 6:02                                                                                | 5:32 | ☀                                                                                   |
| 7    | Tue | 4:45  | 5.5 | 5:02  | 6.1 | 11:40 | 2.5  |       |      | 6:03                                                                                | 5:31 | ☀                                                                                   |
| 8    | Wed | 5:39  | 5.4 | 5:56  | 6.0 | 12:30 | 1.9  | 12:43 | 2.5  | 6:04                                                                                | 5:29 | ☀                                                                                   |
| 9    | Thu | 6:34  | 5.6 | 6:52  | 6.1 | 1:23  | 1.8  | 1:39  | 2.2  | 6:05                                                                                | 5:27 | ☀                                                                                   |
| 10   | Fri | 7:29  | 5.8 | 7:45  | 6.2 | 2:10  | 1.5  | 2:29  | 1.9  | 6:06                                                                                | 5:26 | ☀                                                                                   |
| 11   | Sat | 8:16  | 6.2 | 8:32  | 6.4 | 2:52  | 1.2  | 3:14  | 1.5  | 6:07                                                                                | 5:24 | ☀                                                                                   |
| 12   | Sun | 8:57  | 6.6 | 9:12  | 6.5 | 3:32  | 0.9  | 3:58  | 1.1  | 6:08                                                                                | 5:23 | ☀                                                                                   |
| 13   | Mon | 9:32  | 6.9 | 9:49  | 6.6 | 4:11  | 0.6  | 4:41  | 0.8  | 6:09                                                                                | 5:21 | ☀                                                                                   |
| 14   | Tue | 10:04 | 7.2 | 10:24 | 6.7 | 4:49  | 0.4  | 5:24  | 0.5  | 6:10                                                                                | 5:20 | ☀                                                                                   |
| 15   | Wed | 10:34 | 7.4 | 10:59 | 6.6 | 5:28  | 0.3  | 6:07  | 0.3  | 6:11                                                                                | 5:18 | ☀                                                                                   |
| 16   | Thu | 11:05 | 7.5 | 11:36 | 6.5 | 6:06  | 0.3  | 6:49  | 0.2  | 6:13                                                                                | 5:17 | ☀                                                                                   |
| 17   | Fri | 11:41 | 7.6 |       |     | 6:45  | 0.3  | 7:32  | 0.3  | 6:14                                                                                | 5:15 | ☀                                                                                   |
| 18   | Sat | 12:18 | 6.3 | 12:24 | 7.5 | 7:24  | 0.4  | 8:16  | 0.4  | 6:15                                                                                | 5:14 | ☀                                                                                   |
| 19   | Sun | 1:10  | 6.1 | 1:17  | 7.3 | 8:07  | 0.6  | 9:06  | 0.7  | 6:16                                                                                | 5:12 | ☀                                                                                   |
| 20   | Mon | 2:12  | 5.9 | 2:20  | 7.1 | 8:56  | 0.9  | 10:06 | 0.9  | 6:17                                                                                | 5:11 | ☀                                                                                   |
| 21   | Tue | 3:19  | 5.9 | 3:29  | 6.9 | 10:00 | 1.2  | 11:14 | 1.0  | 6:18                                                                                | 5:09 | ☀                                                                                   |
| 22   | Wed | 4:22  | 6.1 | 4:34  | 6.8 | 11:20 | 1.3  |       |      | 6:19                                                                                | 5:08 | ☀                                                                                   |
| 23   | Thu | 5:24  | 6.3 | 5:39  | 6.7 | 12:20 | 0.8  | 12:35 | 1.2  | 6:20                                                                                | 5:07 | ☀                                                                                   |
| 24   | Fri | 6:27  | 6.6 | 6:46  | 6.8 | 1:20  | 0.4  | 1:40  | 0.8  | 6:22                                                                                | 5:05 | ☀                                                                                   |
| 25   | Sat | 7:29  | 7.1 | 7:49  | 6.9 | 2:15  | 0.0  | 2:39  | 0.3  | 6:23                                                                                | 5:04 | ☀                                                                                   |
| 26   | Sun | 8:25  | 7.5 | 8:45  | 7.0 | 3:05  | -0.3 | 3:33  | -0.1 | 6:24                                                                                | 5:02 | ☀                                                                                   |
| 27   | Mon | 9:15  | 7.9 | 9:34  | 7.1 | 3:54  | -0.5 | 4:24  | -0.4 | 6:25                                                                                | 5:01 | ☀                                                                                   |
| 28   | Tue | 10:00 | 8.0 | 10:21 | 7.0 | 4:41  | -0.6 | 5:15  | -0.5 | 6:26                                                                                | 5:00 | ☀                                                                                   |
| 29   | Wed | 10:43 | 8.0 | 11:06 | 6.8 | 5:28  | -0.5 | 6:03  | -0.5 | 6:27                                                                                | 4:59 | ☀                                                                                   |
| 30   | Thu | 11:27 | 7.8 | 11:53 | 6.5 | 6:13  | -0.2 | 6:49  | -0.4 | 6:29                                                                                | 4:57 | ☀                                                                                   |
| 31   | Fri |       |     | 12:11 | 7.5 | 6:56  | 0.2  | 7:33  | -0.1 | 6:30                                                                                | 4:56 | ☀                                                                                   |