

## Gloucester, MA - Dec 1859

| Date |     | High  |      |       |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|-------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Thu | 3:41  | 7.7  | 3:49  | 8.3  | 9:36  | 1.8 | 10:10 | 1.0  | 6:56                                                                                | 4:14 |    |
| 2    | Fri | 4:31  | 7.7  | 4:43  | 8.0  | 10:30 | 1.9 | 11:00 | 1.2  | 6:57                                                                                | 4:14 |    |
| 3    | Sat | 5:23  | 7.9  | 5:39  | 7.8  | 11:27 | 1.8 | 11:51 | 1.4  | 6:59                                                                                | 4:14 |    |
| 4    | Sun | 6:13  | 8.1  | 6:35  | 7.7  |       |     | 12:24 | 1.6  | 7:00                                                                                | 4:13 |    |
| 5    | Mon | 7:02  | 8.3  | 7:29  | 7.7  | 12:40 | 1.4 | 1:17  | 1.3  | 7:01                                                                                | 4:13 |    |
| 6    | Tue | 7:48  | 8.6  | 8:20  | 7.7  | 1:29  | 1.4 | 2:08  | 0.9  | 7:02                                                                                | 4:13 |    |
| 7    | Wed | 8:32  | 9.0  | 9:08  | 7.9  | 2:15  | 1.4 | 2:55  | 0.5  | 7:03                                                                                | 4:13 |    |
| 8    | Thu | 9:16  | 9.4  | 9:54  | 8.0  | 2:59  | 1.2 | 3:41  | 0.0  | 7:03                                                                                | 4:13 |    |
| 9    | Fri | 9:59  | 9.8  | 10:38 | 8.3  | 3:44  | 1.1 | 4:26  | -0.3 | 7:04                                                                                | 4:13 |    |
| 10   | Sat | 10:44 | 10.1 | 11:24 | 8.5  | 4:28  | 0.8 | 5:12  | -0.7 | 7:05                                                                                | 4:13 |    |
| 11   | Sun | 11:30 | 10.4 |       |      | 5:15  | 0.6 | 5:59  | -0.9 | 7:06                                                                                | 4:13 |    |
| 12   | Mon | 12:11 | 8.7  | 12:18 | 10.5 | 6:04  | 0.4 | 6:48  | -1.1 | 7:07                                                                                | 4:13 |   |
| 13   | Tue | 1:00  | 8.8  | 1:10  | 10.5 | 6:55  | 0.2 | 7:38  | -1.1 | 7:08                                                                                | 4:13 |  |
| 14   | Wed | 1:52  | 9.0  | 2:05  | 10.3 | 7:50  | 0.2 | 8:31  | -1.0 | 7:09                                                                                | 4:13 |  |
| 15   | Thu | 2:47  | 9.2  | 3:03  | 10.0 | 8:49  | 0.1 | 9:25  | -0.7 | 7:09                                                                                | 4:14 |  |
| 16   | Fri | 3:45  | 9.3  | 4:05  | 9.5  | 9:51  | 0.1 | 10:22 | -0.4 | 7:10                                                                                | 4:14 |  |
| 17   | Sat | 4:44  | 9.5  | 5:10  | 9.1  | 10:55 | 0.1 | 11:21 | -0.1 | 7:11                                                                                | 4:14 |  |
| 18   | Sun | 5:45  | 9.7  | 6:16  | 8.8  |       |     | 12:01 | 0.0  | 7:11                                                                                | 4:15 |  |
| 19   | Mon | 6:45  | 9.8  | 7:22  | 8.5  | 12:20 | 0.2 | 1:06  | -0.1 | 7:12                                                                                | 4:15 |  |
| 20   | Tue | 7:44  | 9.9  | 8:24  | 8.4  | 1:19  | 0.4 | 2:08  | -0.3 | 7:12                                                                                | 4:15 |  |
| 21   | Wed | 8:39  | 9.9  | 9:21  | 8.3  | 2:15  | 0.6 | 3:04  | -0.4 | 7:13                                                                                | 4:16 |  |
| 22   | Thu | 9:31  | 9.9  | 10:13 | 8.2  | 3:08  | 0.7 | 3:56  | -0.4 | 7:14                                                                                | 4:16 |  |
| 23   | Fri | 10:18 | 9.8  | 11:00 | 8.2  | 3:58  | 0.9 | 4:43  | -0.4 | 7:14                                                                                | 4:17 |  |
| 24   | Sat | 11:02 | 9.7  | 11:42 | 8.1  | 4:43  | 1.0 | 5:26  | -0.2 | 7:14                                                                                | 4:17 |  |
| 25   | Sun | 11:43 | 9.5  |       |      | 5:26  | 1.1 | 6:07  | -0.1 | 7:15                                                                                | 4:18 |  |
| 26   | Mon | 12:21 | 8.0  | 12:22 | 9.3  | 6:06  | 1.2 | 6:45  | 0.1  | 7:15                                                                                | 4:19 |  |
| 27   | Tue | 12:59 | 7.9  | 1:01  | 9.1  | 6:47  | 1.2 | 7:23  | 0.2  | 7:15                                                                                | 4:19 |  |
| 28   | Wed | 1:37  | 7.9  | 1:41  | 8.8  | 7:29  | 1.3 | 8:02  | 0.4  | 7:16                                                                                | 4:20 |  |
| 29   | Thu | 2:17  | 7.9  | 2:23  | 8.6  | 8:12  | 1.3 | 8:43  | 0.6  | 7:16                                                                                | 4:21 |  |
| 30   | Fri | 2:59  | 7.9  | 3:08  | 8.2  | 8:59  | 1.4 | 9:26  | 0.8  | 7:16                                                                                | 4:22 |  |
| 31   | Sat | 3:43  | 8.0  | 3:57  | 7.9  | 9:49  | 1.4 | 10:10 | 1.1  | 7:16                                                                                | 4:22 |  |