

## Gloucester, MA - Jul 1861

| Date |     | High  |      |       |      | Low   |      |       |     |  |      |    |
|------|-----|-------|------|-------|------|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 5:41  | 7.9  | 6:07  | 8.6  | 11:42 | 1.5  |       |     | 4:12                                                                                | 7:28 |    |
| 2    | Tue | 6:38  | 7.6  | 6:58  | 8.7  | 12:24 | 1.4  | 12:33 | 1.7 | 4:12                                                                                | 7:27 |    |
| 3    | Wed | 7:34  | 7.5  | 7:48  | 8.8  | 1:19  | 1.3  | 1:24  | 1.9 | 4:13                                                                                | 7:27 |    |
| 4    | Thu | 8:26  | 7.5  | 8:35  | 8.9  | 2:11  | 1.2  | 2:13  | 1.9 | 4:14                                                                                | 7:27 |    |
| 5    | Fri | 9:15  | 7.6  | 9:20  | 9.1  | 2:59  | 1.0  | 2:59  | 1.8 | 4:14                                                                                | 7:27 |    |
| 6    | Sat | 9:59  | 7.7  | 10:02 | 9.3  | 3:44  | 0.7  | 3:44  | 1.7 | 4:15                                                                                | 7:26 |    |
| 7    | Sun | 10:40 | 7.9  | 10:43 | 9.6  | 4:27  | 0.5  | 4:26  | 1.5 | 4:15                                                                                | 7:26 |    |
| 8    | Mon | 11:19 | 8.2  | 11:23 | 9.8  | 5:07  | 0.2  | 5:09  | 1.2 | 4:16                                                                                | 7:26 |    |
| 9    | Tue | 11:59 | 8.5  |       |      | 5:48  | 0.0  | 5:52  | 0.9 | 4:17                                                                                | 7:25 |    |
| 10   | Wed | 12:05 | 9.9  | 12:40 | 8.8  | 6:29  | -0.2 | 6:38  | 0.6 | 4:18                                                                                | 7:25 |    |
| 11   | Thu | 12:49 | 10.0 | 1:23  | 9.2  | 7:11  | -0.4 | 7:26  | 0.4 | 4:18                                                                                | 7:24 |    |
| 12   | Fri | 1:36  | 10.0 | 2:09  | 9.5  | 7:56  | -0.4 | 8:17  | 0.2 | 4:19                                                                                | 7:24 |   |
| 13   | Sat | 2:26  | 9.8  | 2:59  | 9.8  | 8:43  | -0.3 | 9:11  | 0.1 | 4:20                                                                                | 7:23 |  |
| 14   | Sun | 3:21  | 9.5  | 3:52  | 10.0 | 9:34  | -0.1 | 10:10 | 0.0 | 4:21                                                                                | 7:23 |  |
| 15   | Mon | 4:20  | 9.1  | 4:49  | 10.1 | 10:28 | 0.1  | 11:11 | 0.0 | 4:22                                                                                | 7:22 |  |
| 16   | Tue | 5:23  | 8.8  | 5:50  | 10.2 | 11:27 | 0.4  |       |     | 4:22                                                                                | 7:21 |  |
| 17   | Wed | 6:29  | 8.6  | 6:52  | 10.3 | 12:16 | -0.1 | 12:28 | 0.6 | 4:23                                                                                | 7:21 |  |
| 18   | Thu | 7:35  | 8.5  | 7:54  | 10.4 | 1:20  | -0.2 | 1:29  | 0.6 | 4:24                                                                                | 7:20 |  |
| 19   | Fri | 8:38  | 8.6  | 8:54  | 10.5 | 2:22  | -0.3 | 2:30  | 0.6 | 4:25                                                                                | 7:19 |  |
| 20   | Sat | 9:37  | 8.7  | 9:50  | 10.6 | 3:21  | -0.5 | 3:27  | 0.5 | 4:26                                                                                | 7:18 |  |
| 21   | Sun | 10:31 | 8.9  | 10:42 | 10.5 | 4:15  | -0.6 | 4:21  | 0.5 | 4:27                                                                                | 7:18 |  |
| 22   | Mon | 11:20 | 9.0  | 11:31 | 10.4 | 5:04  | -0.6 | 5:11  | 0.4 | 4:28                                                                                | 7:17 |  |
| 23   | Tue |       |      | 12:05 | 9.1  | 5:50  | -0.5 | 5:59  | 0.4 | 4:29                                                                                | 7:16 |  |
| 24   | Wed | 12:16 | 10.1 | 12:48 | 9.1  | 6:33  | -0.3 | 6:44  | 0.5 | 4:30                                                                                | 7:15 |  |
| 25   | Thu | 12:59 | 9.8  | 1:29  | 9.1  | 7:14  | 0.0  | 7:29  | 0.7 | 4:31                                                                                | 7:14 |  |
| 26   | Fri | 1:42  | 9.3  | 2:10  | 9.0  | 7:54  | 0.3  | 8:14  | 0.8 | 4:32                                                                                | 7:13 |  |
| 27   | Sat | 2:26  | 8.9  | 2:53  | 8.9  | 8:35  | 0.6  | 9:01  | 1.0 | 4:33                                                                                | 7:12 |  |
| 28   | Sun | 3:12  | 8.4  | 3:37  | 8.7  | 9:18  | 1.0  | 9:50  | 1.2 | 4:34                                                                                | 7:11 |  |
| 29   | Mon | 4:01  | 8.0  | 4:25  | 8.6  | 10:05 | 1.4  | 10:42 | 1.4 | 4:35                                                                                | 7:10 |  |
| 30   | Tue | 4:55  | 7.7  | 5:17  | 8.5  | 10:54 | 1.7  | 11:38 | 1.5 | 4:36                                                                                | 7:09 |  |
| 31   | Wed | 5:51  | 7.4  | 6:11  | 8.5  | 11:47 | 1.9  |       |     | 4:37                                                                                | 7:08 |  |