

## Marblehead, MA - May 1861

| Date |     | High  |      |       |      | Low   |      |       |      |  |      |    |
|------|-----|-------|------|-------|------|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 4:02  | 9.7  | 4:48  | 8.6  | 10:24 | 0.1  | 10:44 | 1.1  | 4:41                                                                                | 6:46 |    |
| 2    | Thu | 5:05  | 9.2  | 5:50  | 8.5  | 11:24 | 0.5  | 11:49 | 1.3  | 4:40                                                                                | 6:48 |    |
| 3    | Fri | 6:10  | 8.8  | 6:49  | 8.6  |       |      | 12:23 | 0.8  | 4:38                                                                                | 6:49 |    |
| 4    | Sat | 7:10  | 8.6  | 7:43  | 8.7  | 12:52 | 1.3  | 1:18  | 1.0  | 4:37                                                                                | 6:50 |    |
| 5    | Sun | 8:05  | 8.4  | 8:30  | 8.8  | 1:49  | 1.2  | 2:07  | 1.1  | 4:36                                                                                | 6:51 |    |
| 6    | Mon | 8:55  | 8.3  | 9:12  | 8.9  | 2:39  | 1.0  | 2:51  | 1.3  | 4:35                                                                                | 6:52 |    |
| 7    | Tue | 9:39  | 8.2  | 9:50  | 9.0  | 3:24  | 0.9  | 3:31  | 1.4  | 4:33                                                                                | 6:53 |    |
| 8    | Wed | 10:19 | 8.2  | 10:25 | 9.1  | 4:04  | 0.7  | 4:08  | 1.4  | 4:32                                                                                | 6:54 |    |
| 9    | Thu | 10:56 | 8.1  | 10:58 | 9.1  | 4:41  | 0.6  | 4:43  | 1.5  | 4:31                                                                                | 6:55 |    |
| 10   | Fri | 11:31 | 8.1  | 11:32 | 9.2  | 5:16  | 0.5  | 5:19  | 1.5  | 4:30                                                                                | 6:56 |    |
| 11   | Sat |       |      | 12:06 | 8.0  | 5:53  | 0.4  | 5:55  | 1.5  | 4:29                                                                                | 6:57 |    |
| 12   | Sun | 12:07 | 9.3  | 12:43 | 8.0  | 6:31  | 0.3  | 6:34  | 1.5  | 4:28                                                                                | 6:58 |   |
| 13   | Mon | 12:45 | 9.3  | 1:23  | 8.0  | 7:12  | 0.3  | 7:16  | 1.5  | 4:26                                                                                | 7:00 |  |
| 14   | Tue | 1:27  | 9.3  | 2:07  | 8.1  | 7:55  | 0.3  | 8:03  | 1.5  | 4:25                                                                                | 7:01 |  |
| 15   | Wed | 2:13  | 9.3  | 2:55  | 8.2  | 8:42  | 0.3  | 8:54  | 1.4  | 4:24                                                                                | 7:02 |  |
| 16   | Thu | 3:04  | 9.2  | 3:47  | 8.3  | 9:33  | 0.3  | 9:50  | 1.3  | 4:23                                                                                | 7:03 |  |
| 17   | Fri | 4:00  | 9.1  | 4:43  | 8.6  | 10:26 | 0.3  | 10:49 | 1.0  | 4:22                                                                                | 7:04 |  |
| 18   | Sat | 5:01  | 9.1  | 5:41  | 9.1  | 11:21 | 0.3  | 11:51 | 0.7  | 4:21                                                                                | 7:05 |  |
| 19   | Sun | 6:04  | 9.1  | 6:39  | 9.6  |       |      | 12:18 | 0.2  | 4:21                                                                                | 7:06 |  |
| 20   | Mon | 7:07  | 9.2  | 7:35  | 10.2 | 12:53 | 0.2  | 1:14  | 0.1  | 4:20                                                                                | 7:07 |  |
| 21   | Tue | 8:07  | 9.3  | 8:29  | 10.7 | 1:53  | -0.4 | 2:09  | -0.1 | 4:19                                                                                | 7:08 |  |
| 22   | Wed | 9:05  | 9.5  | 9:23  | 11.1 | 2:51  | -0.9 | 3:03  | -0.2 | 4:18                                                                                | 7:09 |  |
| 23   | Thu | 10:02 | 9.6  | 10:16 | 11.4 | 3:46  | -1.3 | 3:57  | -0.3 | 4:17                                                                                | 7:10 |  |
| 24   | Fri | 10:56 | 9.6  | 11:08 | 11.4 | 4:40  | -1.6 | 4:49  | -0.3 | 4:16                                                                                | 7:10 |  |
| 25   | Sat | 11:48 | 9.6  |       |      | 5:32  | -1.6 | 5:41  | -0.2 | 4:16                                                                                | 7:11 |  |
| 26   | Sun | 12:00 | 11.3 | 12:41 | 9.5  | 6:24  | -1.5 | 6:33  | 0.0  | 4:15                                                                                | 7:12 |  |
| 27   | Mon | 12:52 | 11.0 | 1:33  | 9.3  | 7:16  | -1.1 | 7:26  | 0.3  | 4:14                                                                                | 7:13 |  |
| 28   | Tue | 1:45  | 10.5 | 2:27  | 9.1  | 8:08  | -0.7 | 8:21  | 0.6  | 4:14                                                                                | 7:14 |  |
| 29   | Wed | 2:39  | 10.0 | 3:21  | 8.9  | 9:00  | -0.3 | 9:17  | 0.9  | 4:13                                                                                | 7:15 |  |
| 30   | Thu | 3:34  | 9.4  | 4:16  | 8.7  | 9:52  | 0.2  | 10:14 | 1.2  | 4:13                                                                                | 7:16 |  |
| 31   | Fri | 4:31  | 8.9  | 5:11  | 8.6  | 10:45 | 0.6  | 11:13 | 1.3  | 4:12                                                                                | 7:16 |  |