

## Marblehead, MA - Jan 1861

| Date |     | High  |      |       |      | Low   |      |       |      |  |      |    |
|------|-----|-------|------|-------|------|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 1:48  | 9.5  | 2:00  | 10.3 | 7:48  | 0.1  | 8:18  | -0.8 | 7:17                                                                                | 4:25 |    |
| 2    | Wed | 2:36  | 9.8  | 2:54  | 10.0 | 8:42  | 0.0  | 9:12  | -0.6 | 7:17                                                                                | 4:26 |    |
| 3    | Thu | 3:30  | 10.0 | 3:54  | 9.6  | 9:42  | -0.1 | 10:06 | -0.3 | 7:17                                                                                | 4:27 |    |
| 4    | Fri | 4:24  | 10.1 | 4:54  | 9.1  | 10:42 | -0.1 | 11:00 | 0.0  | 7:17                                                                                | 4:28 |    |
| 5    | Sat | 5:30  | 10.2 | 6:00  | 8.8  | 11:48 | -0.1 |       |      | 7:17                                                                                | 4:29 |    |
| 6    | Sun | 6:30  | 10.3 | 7:12  | 8.6  | 12:00 | 0.3  | 12:54 | -0.2 | 7:17                                                                                | 4:30 |    |
| 7    | Mon | 7:30  | 10.4 | 8:12  | 8.6  | 1:06  | 0.5  | 2:00  | -0.3 | 7:17                                                                                | 4:31 |    |
| 8    | Tue | 8:30  | 10.4 | 9:12  | 8.6  | 2:06  | 0.6  | 3:00  | -0.4 | 7:16                                                                                | 4:32 |    |
| 9    | Wed | 9:30  | 10.5 | 10:12 | 8.7  | 3:00  | 0.6  | 3:54  | -0.5 | 7:16                                                                                | 4:33 |    |
| 10   | Thu | 10:18 | 10.4 | 11:00 | 8.8  | 4:00  | 0.6  | 4:42  | -0.5 | 7:16                                                                                | 4:34 |    |
| 11   | Fri | 11:06 | 10.3 | 11:42 | 8.8  | 4:48  | 0.6  | 5:30  | -0.4 | 7:16                                                                                | 4:35 |    |
| 12   | Sat | 11:54 | 10.1 |       |      | 5:36  | 0.7  | 6:12  | -0.3 | 7:15                                                                                | 4:36 |   |
| 13   | Sun | 12:24 | 8.8  | 12:36 | 9.8  | 6:18  | 0.8  | 6:48  | 0.0  | 7:15                                                                                | 4:37 |  |
| 14   | Mon | 1:06  | 8.8  | 1:12  | 9.4  | 7:00  | 0.9  | 7:30  | 0.2  | 7:14                                                                                | 4:38 |  |
| 15   | Tue | 1:48  | 8.7  | 1:54  | 9.1  | 7:42  | 1.0  | 8:06  | 0.5  | 7:14                                                                                | 4:39 |  |
| 16   | Wed | 2:24  | 8.7  | 2:36  | 8.7  | 8:30  | 1.1  | 8:48  | 0.8  | 7:13                                                                                | 4:41 |  |
| 17   | Thu | 3:06  | 8.6  | 3:24  | 8.2  | 9:12  | 1.3  | 9:30  | 1.1  | 7:13                                                                                | 4:42 |  |
| 18   | Fri | 3:54  | 8.5  | 4:12  | 7.8  | 10:06 | 1.4  | 10:18 | 1.4  | 7:12                                                                                | 4:43 |  |
| 19   | Sat | 4:42  | 8.5  | 5:06  | 7.5  | 10:54 | 1.5  | 11:06 | 1.7  | 7:12                                                                                | 4:44 |  |
| 20   | Sun | 5:30  | 8.5  | 6:06  | 7.3  | 11:54 | 1.5  |       |      | 7:11                                                                                | 4:46 |  |
| 21   | Mon | 6:24  | 8.5  | 7:06  | 7.3  | 12:00 | 1.9  | 12:48 | 1.4  | 7:10                                                                                | 4:47 |  |
| 22   | Tue | 7:18  | 8.7  | 8:00  | 7.4  | 12:54 | 1.9  | 1:42  | 1.2  | 7:10                                                                                | 4:48 |  |
| 23   | Wed | 8:12  | 9.0  | 8:48  | 7.6  | 1:48  | 1.8  | 2:36  | 0.8  | 7:09                                                                                | 4:49 |  |
| 24   | Thu | 9:00  | 9.4  | 9:36  | 8.0  | 2:36  | 1.6  | 3:24  | 0.4  | 7:08                                                                                | 4:51 |  |
| 25   | Fri | 9:48  | 9.8  | 10:24 | 8.4  | 3:30  | 1.2  | 4:12  | 0.0  | 7:07                                                                                | 4:52 |  |
| 26   | Sat | 10:30 | 10.2 | 11:06 | 9.0  | 4:12  | 0.7  | 4:54  | -0.5 | 7:06                                                                                | 4:53 |  |
| 27   | Sun | 11:18 | 10.6 | 11:48 | 9.5  | 5:00  | 0.2  | 5:36  | -0.9 | 7:06                                                                                | 4:54 |  |
| 28   | Mon |       |      | 12:06 | 10.7 | 5:48  | -0.2 | 6:24  | -1.1 | 7:05                                                                                | 4:56 |  |
| 29   | Tue | 12:36 | 10.0 | 12:54 | 10.7 | 6:42  | -0.6 | 7:06  | -1.1 | 7:04                                                                                | 4:57 |  |
| 30   | Wed | 1:24  | 10.4 | 1:42  | 10.5 | 7:30  | -0.7 | 7:54  | -1.0 | 7:03                                                                                | 4:58 |  |
| 31   | Thu | 2:12  | 10.6 | 2:36  | 10.1 | 8:24  | -0.8 | 8:48  | -0.7 | 7:02                                                                                | 5:00 |  |