

## Marblehead, MA - Dec 1850

| Date |     | High  |      |       |      | Low   |      |       |      |  |      |    |
|------|-----|-------|------|-------|------|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sun | 9:09  | 10.4 | 9:41  | 9.4  | 2:46  | 0.0  | 3:25  | -0.5 | 6:57                                                                                | 4:15 |    |
| 2    | Mon | 9:57  | 10.4 | 10:31 | 9.2  | 3:37  | 0.1  | 4:15  | -0.6 | 6:58                                                                                | 4:15 |    |
| 3    | Tue | 10:42 | 10.4 | 11:16 | 9.0  | 4:23  | 0.3  | 5:00  | -0.5 | 6:59                                                                                | 4:15 |    |
| 4    | Wed | 11:24 | 10.2 | 11:58 | 8.8  | 5:06  | 0.6  | 5:42  | -0.4 | 7:00                                                                                | 4:14 |    |
| 5    | Thu |       |      | 12:03 | 9.9  | 5:46  | 0.8  | 6:22  | -0.2 | 7:01                                                                                | 4:14 |    |
| 6    | Fri | 12:39 | 8.6  | 12:42 | 9.6  | 6:27  | 1.1  | 7:02  | 0.0  | 7:02                                                                                | 4:14 |    |
| 7    | Sat | 1:19  | 8.4  | 1:22  | 9.3  | 7:08  | 1.3  | 7:43  | 0.3  | 7:03                                                                                | 4:14 |    |
| 8    | Sun | 2:00  | 8.2  | 2:05  | 9.0  | 7:52  | 1.5  | 8:26  | 0.5  | 7:04                                                                                | 4:14 |    |
| 9    | Mon | 2:44  | 8.1  | 2:50  | 8.8  | 8:38  | 1.7  | 9:12  | 0.7  | 7:05                                                                                | 4:14 |    |
| 10   | Tue | 3:31  | 8.0  | 3:39  | 8.5  | 9:28  | 1.8  | 9:59  | 0.9  | 7:06                                                                                | 4:14 |    |
| 11   | Wed | 4:21  | 8.0  | 4:32  | 8.2  | 10:20 | 1.8  | 10:49 | 1.1  | 7:07                                                                                | 4:14 |    |
| 12   | Thu | 5:13  | 8.1  | 5:28  | 8.1  | 11:16 | 1.8  | 11:41 | 1.2  | 7:07                                                                                | 4:14 |   |
| 13   | Fri | 6:05  | 8.3  | 6:24  | 8.0  |       |      | 12:12 | 1.6  | 7:08                                                                                | 4:14 |  |
| 14   | Sat | 6:55  | 8.6  | 7:18  | 8.1  | 12:32 | 1.2  | 1:06  | 1.2  | 7:09                                                                                | 4:15 |  |
| 15   | Sun | 7:42  | 9.0  | 8:09  | 8.3  | 1:21  | 1.1  | 1:58  | 0.8  | 7:10                                                                                | 4:15 |  |
| 16   | Mon | 8:28  | 9.4  | 8:59  | 8.5  | 2:09  | 0.9  | 2:47  | 0.3  | 7:10                                                                                | 4:15 |  |
| 17   | Tue | 9:13  | 9.9  | 9:47  | 8.8  | 2:56  | 0.7  | 3:35  | -0.2 | 7:11                                                                                | 4:15 |  |
| 18   | Wed | 9:59  | 10.4 | 10:34 | 9.1  | 3:43  | 0.4  | 4:22  | -0.7 | 7:12                                                                                | 4:16 |  |
| 19   | Thu | 10:45 | 10.8 | 11:22 | 9.4  | 4:30  | 0.2  | 5:09  | -1.2 | 7:12                                                                                | 4:16 |  |
| 20   | Fri | 11:33 | 11.1 |       |      | 5:18  | -0.1 | 5:58  | -1.4 | 7:13                                                                                | 4:17 |  |
| 21   | Sat | 12:11 | 9.6  | 12:23 | 11.3 | 6:08  | -0.3 | 6:48  | -1.6 | 7:14                                                                                | 4:17 |  |
| 22   | Sun | 1:02  | 9.8  | 1:16  | 11.2 | 7:01  | -0.3 | 7:40  | -1.5 | 7:14                                                                                | 4:18 |  |
| 23   | Mon | 1:56  | 9.9  | 2:12  | 10.9 | 7:57  | -0.3 | 8:34  | -1.4 | 7:14                                                                                | 4:18 |  |
| 24   | Tue | 2:53  | 9.9  | 3:11  | 10.5 | 8:56  | -0.2 | 9:31  | -1.1 | 7:15                                                                                | 4:19 |  |
| 25   | Wed | 3:52  | 9.9  | 4:13  | 10.1 | 9:57  | -0.1 | 10:29 | -0.7 | 7:15                                                                                | 4:19 |  |
| 26   | Thu | 4:54  | 9.9  | 5:19  | 9.6  | 11:02 | 0.0  | 11:29 | -0.3 | 7:16                                                                                | 4:20 |  |
| 27   | Fri | 5:56  | 10.0 | 6:25  | 9.3  |       |      | 12:08 | 0.1  | 7:16                                                                                | 4:21 |  |
| 28   | Sat | 6:58  | 10.1 | 7:30  | 9.0  | 12:30 | 0.0  | 1:13  | 0.0  | 7:16                                                                                | 4:21 |  |
| 29   | Sun | 7:55  | 10.1 | 8:30  | 8.9  | 1:29  | 0.3  | 2:14  | -0.1 | 7:16                                                                                | 4:22 |  |
| 30   | Mon | 8:49  | 10.1 | 9:26  | 8.8  | 2:25  | 0.5  | 3:10  | -0.1 | 7:17                                                                                | 4:23 |  |
| 31   | Tue | 9:39  | 10.1 | 10:16 | 8.6  | 3:17  | 0.7  | 4:00  | -0.1 | 7:17                                                                                | 4:24 |  |