

## Marblehead, MA - Dec 1877

| Date |     | High  |      |       |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|-------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sat | 7:45  | 10.3 | 8:20  | 9.1  | 1:21  | 0.1 | 2:04  | -0.3 | 6:57                                                                                | 4:15 |    |
| 2    | Sun | 8:39  | 10.5 | 9:17  | 9.0  | 2:16  | 0.2 | 3:01  | -0.6 | 6:59                                                                                | 4:15 |    |
| 3    | Mon | 9:30  | 10.6 | 10:10 | 9.0  | 3:09  | 0.4 | 3:54  | -0.8 | 7:00                                                                                | 4:15 |    |
| 4    | Tue | 10:19 | 10.6 | 10:59 | 8.8  | 3:59  | 0.5 | 4:44  | -0.7 | 7:01                                                                                | 4:14 |    |
| 5    | Wed | 11:05 | 10.4 | 11:45 | 8.6  | 4:46  | 0.7 | 5:29  | -0.6 | 7:02                                                                                | 4:14 |    |
| 6    | Thu | 11:49 | 10.2 |       |      | 5:31  | 0.9 | 6:13  | -0.3 | 7:03                                                                                | 4:14 |    |
| 7    | Fri | 12:29 | 8.4  | 12:32 | 9.9  | 6:14  | 1.1 | 6:56  | -0.1 | 7:03                                                                                | 4:14 |    |
| 8    | Sat | 1:12  | 8.2  | 1:15  | 9.5  | 6:58  | 1.3 | 7:39  | 0.2  | 7:04                                                                                | 4:14 |    |
| 9    | Sun | 1:56  | 8.1  | 1:59  | 9.2  | 7:44  | 1.6 | 8:23  | 0.5  | 7:05                                                                                | 4:14 |    |
| 10   | Mon | 2:40  | 8.0  | 2:45  | 8.8  | 8:31  | 1.7 | 9:07  | 0.8  | 7:06                                                                                | 4:14 |    |
| 11   | Tue | 3:27  | 7.9  | 3:34  | 8.4  | 9:21  | 1.8 | 9:53  | 1.0  | 7:07                                                                                | 4:14 |    |
| 12   | Wed | 4:15  | 7.9  | 4:26  | 8.1  | 10:14 | 1.9 | 10:41 | 1.3  | 7:08                                                                                | 4:14 |    |
| 13   | Thu | 5:05  | 8.0  | 5:22  | 7.8  | 11:09 | 1.9 | 11:31 | 1.5  | 7:09                                                                                | 4:14 |   |
| 14   | Fri | 5:56  | 8.2  | 6:18  | 7.7  |       |     | 12:05 | 1.7  | 7:09                                                                                | 4:15 |  |
| 15   | Sat | 6:45  | 8.4  | 7:12  | 7.6  | 12:20 | 1.6 | 1:00  | 1.5  | 7:10                                                                                | 4:15 |  |
| 16   | Sun | 7:31  | 8.7  | 8:04  | 7.6  | 1:09  | 1.7 | 1:51  | 1.1  | 7:11                                                                                | 4:15 |  |
| 17   | Mon | 8:16  | 9.0  | 8:53  | 7.8  | 1:56  | 1.6 | 2:40  | 0.8  | 7:11                                                                                | 4:15 |  |
| 18   | Tue | 9:01  | 9.4  | 9:40  | 7.9  | 2:42  | 1.5 | 3:27  | 0.4  | 7:12                                                                                | 4:16 |  |
| 19   | Wed | 9:45  | 9.8  | 10:25 | 8.2  | 3:28  | 1.3 | 4:13  | 0.0  | 7:13                                                                                | 4:16 |  |
| 20   | Thu | 10:30 | 10.1 | 11:10 | 8.4  | 4:14  | 1.1 | 4:58  | -0.4 | 7:13                                                                                | 4:17 |  |
| 21   | Fri | 11:16 | 10.5 | 11:57 | 8.7  | 5:00  | 0.8 | 5:44  | -0.7 | 7:14                                                                                | 4:17 |  |
| 22   | Sat |       |      | 12:04 | 10.7 | 5:48  | 0.5 | 6:32  | -0.9 | 7:14                                                                                | 4:18 |  |
| 23   | Sun | 12:45 | 9.0  | 12:55 | 10.7 | 6:39  | 0.3 | 7:21  | -1.0 | 7:15                                                                                | 4:18 |  |
| 24   | Mon | 1:36  | 9.3  | 1:49  | 10.6 | 7:34  | 0.2 | 8:13  | -0.9 | 7:15                                                                                | 4:19 |  |
| 25   | Tue | 2:29  | 9.5  | 2:45  | 10.3 | 8:31  | 0.1 | 9:06  | -0.8 | 7:15                                                                                | 4:19 |  |
| 26   | Wed | 3:25  | 9.7  | 3:45  | 9.8  | 9:31  | 0.1 | 10:01 | -0.5 | 7:16                                                                                | 4:20 |  |
| 27   | Thu | 4:23  | 9.9  | 4:48  | 9.4  | 10:34 | 0.1 | 10:58 | -0.1 | 7:16                                                                                | 4:21 |  |
| 28   | Fri | 5:23  | 10.0 | 5:55  | 9.0  | 11:40 | 0.0 | 11:57 | 0.2  | 7:16                                                                                | 4:22 |  |
| 29   | Sat | 6:24  | 10.1 | 7:01  | 8.7  |       |     | 12:45 | 0.0  | 7:16                                                                                | 4:22 |  |
| 30   | Sun | 7:24  | 10.2 | 8:04  | 8.5  | 12:57 | 0.5 | 1:48  | -0.1 | 7:17                                                                                | 4:23 |  |
| 31   | Mon | 8:21  | 10.2 | 9:02  | 8.4  | 1:55  | 0.8 | 2:48  | -0.2 | 7:17                                                                                | 4:24 |  |