

## Marblehead, MA - Jul 1819

| Date |     | High  |      |       |      | Low   |      |       |      |  |      |    |
|------|-----|-------|------|-------|------|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Thu | 4:58  | 8.1  | 5:30  | 8.6  | 11:11 | 1.2  | 11:47 | 1.2  | 4:12                                                                                | 7:28 |    |
| 2    | Fri | 5:56  | 8.0  | 6:21  | 9.0  |       |      | 12:01 | 1.2  | 4:13                                                                                | 7:28 |    |
| 3    | Sat | 6:53  | 8.0  | 7:13  | 9.4  | 12:43 | 0.9  | 12:53 | 1.2  | 4:13                                                                                | 7:28 |    |
| 4    | Sun | 7:50  | 8.1  | 8:06  | 9.9  | 1:39  | 0.4  | 1:46  | 1.1  | 4:14                                                                                | 7:27 |    |
| 5    | Mon | 8:46  | 8.3  | 8:59  | 10.4 | 2:34  | -0.1 | 2:39  | 0.8  | 4:15                                                                                | 7:27 |    |
| 6    | Tue | 9:42  | 8.6  | 9:53  | 10.8 | 3:29  | -0.6 | 3:33  | 0.5  | 4:15                                                                                | 7:27 |    |
| 7    | Wed | 10:36 | 8.9  | 10:46 | 11.2 | 4:22  | -1.0 | 4:27  | 0.2  | 4:16                                                                                | 7:27 |    |
| 8    | Thu | 11:29 | 9.2  | 11:40 | 11.4 | 5:15  | -1.3 | 5:21  | -0.1 | 4:17                                                                                | 7:26 |    |
| 9    | Fri |       |      | 12:21 | 9.5  | 6:07  | -1.5 | 6:16  | -0.2 | 4:17                                                                                | 7:26 |    |
| 10   | Sat | 12:34 | 11.3 | 1:15  | 9.7  | 6:59  | -1.5 | 7:12  | -0.3 | 4:18                                                                                | 7:25 |    |
| 11   | Sun | 1:30  | 11.1 | 2:09  | 9.9  | 7:52  | -1.3 | 8:10  | -0.3 | 4:19                                                                                | 7:25 |    |
| 12   | Mon | 2:27  | 10.6 | 3:05  | 10.0 | 8:45  | -1.0 | 9:10  | -0.1 | 4:19                                                                                | 7:25 |   |
| 13   | Tue | 3:25  | 10.1 | 4:01  | 10.0 | 9:39  | -0.6 | 10:10 | 0.0  | 4:20                                                                                | 7:24 |  |
| 14   | Wed | 4:25  | 9.4  | 4:59  | 9.9  | 10:34 | -0.1 | 11:13 | 0.2  | 4:21                                                                                | 7:23 |  |
| 15   | Thu | 5:28  | 8.9  | 5:58  | 9.7  | 11:30 | 0.5  |       |      | 4:22                                                                                | 7:23 |  |
| 16   | Fri | 6:33  | 8.4  | 6:56  | 9.6  | 12:17 | 0.4  | 12:28 | 0.9  | 4:23                                                                                | 7:22 |  |
| 17   | Sat | 7:35  | 8.1  | 7:51  | 9.5  | 1:19  | 0.5  | 1:24  | 1.3  | 4:24                                                                                | 7:22 |  |
| 18   | Sun | 8:33  | 7.9  | 8:43  | 9.4  | 2:17  | 0.5  | 2:18  | 1.5  | 4:24                                                                                | 7:21 |  |
| 19   | Mon | 9:26  | 7.8  | 9:31  | 9.3  | 3:10  | 0.6  | 3:08  | 1.7  | 4:25                                                                                | 7:20 |  |
| 20   | Tue | 10:13 | 7.7  | 10:14 | 9.2  | 3:58  | 0.6  | 3:53  | 1.8  | 4:26                                                                                | 7:19 |  |
| 21   | Wed | 10:54 | 7.7  | 10:54 | 9.2  | 4:39  | 0.7  | 4:34  | 1.8  | 4:27                                                                                | 7:19 |  |
| 22   | Thu | 11:31 | 7.7  | 11:30 | 9.1  | 5:16  | 0.7  | 5:12  | 1.7  | 4:28                                                                                | 7:18 |  |
| 23   | Fri |       |      | 12:05 | 7.8  | 5:51  | 0.7  | 5:49  | 1.6  | 4:29                                                                                | 7:17 |  |
| 24   | Sat | 12:05 | 9.1  | 12:38 | 7.9  | 6:25  | 0.6  | 6:27  | 1.6  | 4:30                                                                                | 7:16 |  |
| 25   | Sun | 12:41 | 9.1  | 1:13  | 8.1  | 7:00  | 0.6  | 7:07  | 1.5  | 4:31                                                                                | 7:15 |  |
| 26   | Mon | 1:18  | 9.0  | 1:50  | 8.3  | 7:37  | 0.6  | 7:49  | 1.4  | 4:32                                                                                | 7:14 |  |
| 27   | Tue | 1:58  | 8.8  | 2:28  | 8.4  | 8:16  | 0.7  | 8:34  | 1.3  | 4:33                                                                                | 7:13 |  |
| 28   | Wed | 2:41  | 8.6  | 3:10  | 8.6  | 8:57  | 0.8  | 9:23  | 1.2  | 4:34                                                                                | 7:12 |  |
| 29   | Thu | 3:28  | 8.4  | 3:56  | 8.8  | 9:41  | 1.0  | 10:15 | 1.0  | 4:35                                                                                | 7:11 |  |
| 30   | Fri | 4:21  | 8.1  | 4:46  | 9.0  | 10:29 | 1.2  | 11:11 | 0.9  | 4:36                                                                                | 7:10 |  |
| 31   | Sat | 5:19  | 7.9  | 5:42  | 9.2  | 11:23 | 1.3  |       |      | 4:37                                                                                | 7:09 |  |