

## Vineyard Haven, Martha's Vineyard, MA - Dec 1857

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 11:03 | 2.4 | 11:30 | 2.0 | 3:43  | -0.4 | 5:02  | -0.3 | 6:53                                                                                | 4:17 |    |
| 2    | Wed | 11:55 | 2.4 |       |     | 4:34  | -0.4 | 5:58  | -0.3 | 6:54                                                                                | 4:17 |    |
| 3    | Thu | 12:22 | 2.0 | 12:48 | 2.3 | 5:28  | -0.4 | 6:50  | -0.2 | 6:55                                                                                | 4:17 |    |
| 4    | Fri | 1:16  | 1.9 | 1:43  | 2.2 | 6:21  | -0.3 | 7:42  | 0.0  | 6:56                                                                                | 4:17 |    |
| 5    | Sat | 2:11  | 1.9 | 2:39  | 2.0 | 7:14  | -0.1 | 8:37  | 0.1  | 6:57                                                                                | 4:17 |    |
| 6    | Sun | 3:09  | 1.8 | 3:37  | 1.9 | 8:10  | 0.1  | 9:47  | 0.2  | 6:58                                                                                | 4:16 |    |
| 7    | Mon | 4:08  | 1.8 | 4:34  | 1.7 | 9:16  | 0.3  | 11:02 | 0.3  | 6:59                                                                                | 4:16 |    |
| 8    | Tue | 5:06  | 1.7 | 5:28  | 1.6 | 11:07 | 0.5  | 11:57 | 0.3  | 7:00                                                                                | 4:16 |    |
| 9    | Wed | 6:02  | 1.7 | 6:24  | 1.5 |       |      | 12:34 | 0.5  | 7:01                                                                                | 4:16 |    |
| 10   | Thu | 7:00  | 1.7 | 7:21  | 1.4 | 12:37 | 0.3  | 1:28  | 0.5  | 7:02                                                                                | 4:16 |    |
| 11   | Fri | 7:57  | 1.7 | 8:18  | 1.4 | 1:06  | 0.3  | 2:08  | 0.4  | 7:03                                                                                | 4:17 |    |
| 12   | Sat | 8:49  | 1.7 | 9:08  | 1.4 | 1:36  | 0.3  | 2:42  | 0.3  | 7:03                                                                                | 4:17 |   |
| 13   | Sun | 9:34  | 1.8 | 9:52  | 1.4 | 2:09  | 0.2  | 3:16  | 0.2  | 7:04                                                                                | 4:17 |  |
| 14   | Mon | 10:14 | 1.8 | 10:32 | 1.5 | 2:46  | 0.2  | 3:52  | 0.1  | 7:05                                                                                | 4:17 |  |
| 15   | Tue | 10:51 | 1.8 | 11:09 | 1.5 | 3:26  | 0.1  | 4:31  | 0.1  | 7:06                                                                                | 4:17 |  |
| 16   | Wed | 11:27 | 1.8 | 11:46 | 1.5 | 4:07  | 0.1  | 5:12  | 0.1  | 7:06                                                                                | 4:18 |  |
| 17   | Thu |       |     | 12:02 | 1.8 | 4:49  | 0.0  | 5:52  | 0.0  | 7:07                                                                                | 4:18 |  |
| 18   | Fri | 12:23 | 1.5 | 12:38 | 1.7 | 5:31  | 0.0  | 6:29  | 0.1  | 7:08                                                                                | 4:18 |  |
| 19   | Sat | 1:02  | 1.5 | 1:16  | 1.7 | 6:11  | 0.1  | 7:03  | 0.1  | 7:08                                                                                | 4:19 |  |
| 20   | Sun | 1:43  | 1.4 | 1:58  | 1.7 | 6:50  | 0.1  | 7:35  | 0.1  | 7:09                                                                                | 4:19 |  |
| 21   | Mon | 2:28  | 1.4 | 2:43  | 1.6 | 7:30  | 0.2  | 8:10  | 0.1  | 7:09                                                                                | 4:20 |  |
| 22   | Tue | 3:16  | 1.5 | 3:32  | 1.6 | 8:15  | 0.2  | 8:51  | 0.1  | 7:10                                                                                | 4:20 |  |
| 23   | Wed | 4:06  | 1.5 | 4:23  | 1.5 | 9:10  | 0.3  | 9:40  | 0.1  | 7:10                                                                                | 4:21 |  |
| 24   | Thu | 4:57  | 1.6 | 5:17  | 1.5 | 10:22 | 0.3  | 10:37 | 0.0  | 7:11                                                                                | 4:21 |  |
| 25   | Fri | 5:52  | 1.7 | 6:16  | 1.5 | 11:48 | 0.3  | 11:38 | 0.0  | 7:11                                                                                | 4:22 |  |
| 26   | Sat | 6:51  | 1.8 | 7:20  | 1.5 |       |      | 1:08  | 0.2  | 7:11                                                                                | 4:23 |  |
| 27   | Sun | 7:56  | 2.0 | 8:26  | 1.6 | 12:39 | -0.1 | 2:13  | 0.0  | 7:12                                                                                | 4:23 |  |
| 28   | Mon | 8:58  | 2.1 | 9:27  | 1.7 | 1:38  | -0.2 | 3:09  | -0.1 | 7:12                                                                                | 4:24 |  |
| 29   | Tue | 9:56  | 2.2 | 10:23 | 1.8 | 2:33  | -0.3 | 4:04  | -0.2 | 7:12                                                                                | 4:25 |  |
| 30   | Wed | 10:51 | 2.3 | 11:16 | 1.9 | 3:28  | -0.4 | 5:00  | -0.3 | 7:12                                                                                | 4:25 |  |
| 31   | Thu | 11:44 | 2.3 |       |     | 4:23  | -0.4 | 5:53  | -0.3 | 7:12                                                                                | 4:26 |  |