

## Manchester By The Sea, MA - Jul 1877

| Date |     | High  |      |       |      | Low   |      |       |      |  |      |    |
|------|-----|-------|------|-------|------|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sun | 2:33  | 9.2  | 3:06  | 8.6  | 9:11  | 1.1  | 9:26  | 1.6  | 4:13                                                                                | 7:28 |    |
| 2    | Mon | 3:15  | 8.9  | 3:46  | 8.7  | 9:52  | 1.2  | 10:14 | 1.6  | 4:13                                                                                | 7:28 |    |
| 3    | Tue | 4:01  | 8.6  | 4:29  | 8.9  | 10:36 | 1.4  | 11:05 | 1.7  | 4:14                                                                                | 7:27 |    |
| 4    | Wed | 4:50  | 8.3  | 5:16  | 9.0  | 11:22 | 1.6  |       |      | 4:14                                                                                | 7:27 |    |
| 5    | Thu | 5:45  | 8.0  | 6:07  | 9.2  | 12:00 | 1.6  | 12:13 | 1.8  | 4:15                                                                                | 7:27 |    |
| 6    | Fri | 6:44  | 7.9  | 7:02  | 9.4  | 12:57 | 1.5  | 1:07  | 1.8  | 4:15                                                                                | 7:27 |    |
| 7    | Sat | 7:46  | 7.9  | 7:58  | 9.8  | 1:56  | 1.2  | 2:02  | 1.7  | 4:16                                                                                | 7:26 |    |
| 8    | Sun | 8:48  | 8.1  | 8:55  | 10.1 | 2:54  | 0.8  | 2:59  | 1.5  | 4:17                                                                                | 7:26 |    |
| 9    | Mon | 9:47  | 8.5  | 9:52  | 10.6 | 3:52  | 0.3  | 3:56  | 1.2  | 4:18                                                                                | 7:26 |    |
| 10   | Tue | 10:42 | 8.9  | 10:47 | 11.0 | 4:47  | -0.2 | 4:52  | 0.8  | 4:18                                                                                | 7:25 |    |
| 11   | Wed | 11:34 | 9.4  | 11:40 | 11.2 | 5:39  | -0.7 | 5:47  | 0.4  | 4:19                                                                                | 7:25 |    |
| 12   | Thu |       |      | 12:24 | 9.8  | 6:30  | -1.0 | 6:40  | 0.0  | 4:20                                                                                | 7:24 |   |
| 13   | Fri | 12:33 | 11.3 | 1:15  | 10.1 | 7:20  | -1.2 | 7:33  | -0.2 | 4:21                                                                                | 7:23 |  |
| 14   | Sat | 1:26  | 11.2 | 2:06  | 10.3 | 8:09  | -1.1 | 8:26  | -0.3 | 4:21                                                                                | 7:23 |  |
| 15   | Sun | 2:21  | 10.9 | 2:58  | 10.4 | 8:58  | -0.9 | 9:20  | -0.2 | 4:22                                                                                | 7:22 |  |
| 16   | Mon | 3:16  | 10.4 | 3:51  | 10.4 | 9:47  | -0.5 | 10:15 | 0.1  | 4:23                                                                                | 7:22 |  |
| 17   | Tue | 4:13  | 9.8  | 4:45  | 10.3 | 10:37 | 0.0  | 11:13 | 0.4  | 4:24                                                                                | 7:21 |  |
| 18   | Wed | 5:13  | 9.2  | 5:42  | 10.1 | 11:30 | 0.5  |       |      | 4:25                                                                                | 7:20 |  |
| 19   | Thu | 6:15  | 8.7  | 6:40  | 9.9  | 12:15 | 0.7  | 12:24 | 1.0  | 4:26                                                                                | 7:19 |  |
| 20   | Fri | 7:18  | 8.3  | 7:38  | 9.8  | 1:19  | 0.9  | 1:20  | 1.4  | 4:27                                                                                | 7:19 |  |
| 21   | Sat | 8:19  | 8.2  | 8:33  | 9.7  | 2:23  | 0.9  | 2:16  | 1.6  | 4:28                                                                                | 7:18 |  |
| 22   | Sun | 9:15  | 8.2  | 9:26  | 9.7  | 3:23  | 0.9  | 3:10  | 1.7  | 4:29                                                                                | 7:17 |  |
| 23   | Mon | 10:06 | 8.3  | 10:13 | 9.7  | 4:16  | 0.8  | 4:00  | 1.7  | 4:30                                                                                | 7:16 |  |
| 24   | Tue | 10:52 | 8.4  | 10:57 | 9.8  | 4:59  | 0.7  | 4:46  | 1.6  | 4:30                                                                                | 7:15 |  |
| 25   | Wed | 11:33 | 8.5  | 11:36 | 9.8  | 5:37  | 0.6  | 5:29  | 1.5  | 4:31                                                                                | 7:14 |  |
| 26   | Thu |       |      | 12:10 | 8.6  | 6:11  | 0.6  | 6:09  | 1.3  | 4:32                                                                                | 7:13 |  |
| 27   | Fri | 12:13 | 9.8  | 12:44 | 8.7  | 6:46  | 0.7  | 6:50  | 1.2  | 4:33                                                                                | 7:12 |  |
| 28   | Sat | 12:48 | 9.7  | 1:16  | 8.8  | 7:22  | 0.7  | 7:30  | 1.1  | 4:34                                                                                | 7:11 |  |
| 29   | Sun | 1:23  | 9.5  | 1:49  | 8.9  | 7:58  | 0.8  | 8:12  | 1.2  | 4:35                                                                                | 7:10 |  |
| 30   | Mon | 2:00  | 9.2  | 2:23  | 9.0  | 8:36  | 1.0  | 8:56  | 1.2  | 4:36                                                                                | 7:09 |  |
| 31   | Tue | 2:40  | 8.9  | 3:02  | 9.1  | 9:15  | 1.2  | 9:42  | 1.3  | 4:37                                                                                | 7:08 |  |