

## Manchester By The Sea, MA - Jan 1864

| Date |     | High  |      |       |      | Low   |      |       |      |  |      |    |
|------|-----|-------|------|-------|------|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Fri | 3:40  | 8.8  | 3:54  | 8.7  | 10:14 | 1.3  | 10:36 | 1.0  | 7:17                                                                                | 4:24 |    |
| 2    | Sat | 4:25  | 8.8  | 4:45  | 8.3  | 11:06 | 1.5  | 11:26 | 1.1  | 7:17                                                                                | 4:25 |    |
| 3    | Sun | 5:15  | 8.9  | 5:41  | 8.0  |       |      | 12:03 | 1.5  | 7:17                                                                                | 4:26 |    |
| 4    | Mon | 6:11  | 9.1  | 6:44  | 7.9  | 12:19 | 1.2  | 1:02  | 1.3  | 7:17                                                                                | 4:26 |    |
| 5    | Tue | 7:09  | 9.4  | 7:49  | 8.0  | 1:15  | 1.2  | 2:02  | 0.9  | 7:17                                                                                | 4:27 |    |
| 6    | Wed | 8:09  | 9.8  | 8:52  | 8.4  | 2:13  | 1.0  | 3:01  | 0.4  | 7:17                                                                                | 4:28 |    |
| 7    | Thu | 9:08  | 10.3 | 9:51  | 8.9  | 3:10  | 0.7  | 3:58  | -0.2 | 7:17                                                                                | 4:29 |    |
| 8    | Fri | 10:04 | 10.9 | 10:46 | 9.4  | 4:06  | 0.2  | 4:52  | -0.9 | 7:17                                                                                | 4:30 |    |
| 9    | Sat | 10:57 | 11.3 | 11:38 | 9.9  | 5:01  | -0.3 | 5:44  | -1.4 | 7:16                                                                                | 4:31 |    |
| 10   | Sun | 11:49 | 11.6 |       |      | 5:54  | -0.7 | 6:34  | -1.8 | 7:16                                                                                | 4:33 |    |
| 11   | Mon | 12:28 | 10.3 | 12:40 | 11.7 | 6:46  | -1.0 | 7:23  | -1.9 | 7:16                                                                                | 4:34 |    |
| 12   | Tue | 1:18  | 10.5 | 1:32  | 11.5 | 7:38  | -1.0 | 8:12  | -1.8 | 7:15                                                                                | 4:35 |    |
| 13   | Wed | 2:09  | 10.6 | 2:24  | 11.1 | 8:30  | -0.9 | 9:01  | -1.5 | 7:15                                                                                | 4:36 |   |
| 14   | Thu | 3:01  | 10.5 | 3:19  | 10.5 | 9:23  | -0.6 | 9:50  | -1.0 | 7:15                                                                                | 4:37 |  |
| 15   | Fri | 3:55  | 10.3 | 4:15  | 9.8  | 10:18 | -0.2 | 10:41 | -0.4 | 7:14                                                                                | 4:38 |  |
| 16   | Sat | 4:51  | 10.0 | 5:15  | 9.1  | 11:16 | 0.3  | 11:35 | 0.2  | 7:14                                                                                | 4:39 |  |
| 17   | Sun | 5:50  | 9.8  | 6:19  | 8.5  |       |      | 12:18 | 0.7  | 7:13                                                                                | 4:40 |  |
| 18   | Mon | 6:51  | 9.5  | 7:23  | 8.2  | 12:31 | 0.7  | 1:24  | 0.9  | 7:13                                                                                | 4:42 |  |
| 19   | Tue | 7:51  | 9.4  | 8:24  | 8.1  | 1:28  | 1.0  | 2:30  | 0.9  | 7:12                                                                                | 4:43 |  |
| 20   | Wed | 8:46  | 9.5  | 9:20  | 8.1  | 2:24  | 1.2  | 3:31  | 0.8  | 7:11                                                                                | 4:44 |  |
| 21   | Thu | 9:38  | 9.6  | 10:10 | 8.3  | 3:17  | 1.3  | 4:21  | 0.6  | 7:11                                                                                | 4:45 |  |
| 22   | Fri | 10:24 | 9.7  | 10:55 | 8.4  | 4:06  | 1.2  | 5:01  | 0.5  | 7:10                                                                                | 4:47 |  |
| 23   | Sat | 11:05 | 9.8  | 11:35 | 8.6  | 4:50  | 1.0  | 5:36  | 0.3  | 7:09                                                                                | 4:48 |  |
| 24   | Sun | 11:43 | 9.8  |       |      | 5:32  | 0.8  | 6:10  | 0.2  | 7:09                                                                                | 4:49 |  |
| 25   | Mon | 12:11 | 8.7  | 12:17 | 9.8  | 6:12  | 0.7  | 6:46  | 0.1  | 7:08                                                                                | 4:50 |  |
| 26   | Tue | 12:44 | 8.8  | 12:50 | 9.8  | 6:52  | 0.6  | 7:22  | 0.1  | 7:07                                                                                | 4:52 |  |
| 27   | Wed | 1:15  | 8.9  | 1:23  | 9.6  | 7:33  | 0.6  | 8:00  | 0.2  | 7:06                                                                                | 4:53 |  |
| 28   | Thu | 1:47  | 9.0  | 1:59  | 9.4  | 8:15  | 0.6  | 8:38  | 0.3  | 7:05                                                                                | 4:54 |  |
| 29   | Fri | 2:23  | 9.1  | 2:39  | 9.1  | 8:58  | 0.7  | 9:19  | 0.5  | 7:04                                                                                | 4:56 |  |
| 30   | Sat | 3:02  | 9.2  | 3:22  | 8.8  | 9:44  | 0.9  | 10:02 | 0.7  | 7:03                                                                                | 4:57 |  |
| 31   | Sun | 3:46  | 9.3  | 4:11  | 8.5  | 10:34 | 1.1  | 10:50 | 0.9  | 7:02                                                                                | 4:58 |  |