


































Manchester By The Sea, MA - Dec 2002

| Date | | High | | | | Low | | | |  | |  |
|------|-----|-------|------|-------|------|-------|------|-------|------|---|------|---|
| | | AM | ft | PM | ft | AM | ft | PM | ft | Rise | Set | Moon |
| 1 | Sun | 8:16 | 10.3 | 8:47 | 9.6 | 2:13 | 0.1 | 2:51 | 0.0 | 6:53 | 4:11 |  |
| 2 | Mon | 9:13 | 10.9 | 9:47 | 9.7 | 3:08 | -0.1 | 3:50 | -0.6 | 6:54 | 4:10 |  |
| 3 | Tue | 10:06 | 11.4 | 10:43 | 9.8 | 4:02 | -0.2 | 4:47 | -1.0 | 6:55 | 4:10 |  |
| 4 | Wed | 10:57 | 11.6 | 11:36 | 9.8 | 4:55 | -0.3 | 5:41 | -1.3 | 6:56 | 4:10 |  |
| 5 | Thu | 11:46 | 11.6 | | | 5:45 | -0.2 | 6:32 | -1.3 | 6:57 | 4:10 |  |
| 6 | Fri | 12:27 | 9.6 | 12:35 | 11.4 | 6:35 | 0.0 | 7:21 | -1.1 | 6:58 | 4:09 |  |
| 7 | Sat | 1:17 | 9.4 | 1:23 | 11.0 | 7:23 | 0.3 | 8:09 | -0.7 | 6:59 | 4:09 |  |
| 8 | Sun | 2:07 | 9.2 | 2:12 | 10.5 | 8:12 | 0.6 | 8:56 | -0.3 | 7:00 | 4:09 |  |
| 9 | Mon | 2:58 | 8.9 | 3:01 | 9.9 | 9:01 | 1.0 | 9:42 | 0.2 | 7:01 | 4:09 |  |
| 10 | Tue | 3:49 | 8.6 | 3:52 | 9.3 | 9:50 | 1.4 | 10:29 | 0.7 | 7:01 | 4:09 |  |
| 11 | Wed | 4:40 | 8.4 | 4:46 | 8.8 | 10:41 | 1.7 | 11:17 | 1.1 | 7:02 | 4:09 |  |
| 12 | Thu | 5:33 | 8.3 | 5:43 | 8.4 | 11:35 | 1.9 | | | 7:03 | 4:10 |  |
| 13 | Fri | 6:26 | 8.3 | 6:42 | 8.2 | 12:06 | 1.4 | 12:31 | 2.0 | 7:04 | 4:10 |  |
| 14 | Sat | 7:18 | 8.5 | 7:39 | 8.0 | 12:55 | 1.5 | 1:27 | 1.9 | 7:05 | 4:10 |  |
| 15 | Sun | 8:07 | 8.7 | 8:34 | 8.0 | 1:44 | 1.6 | 2:22 | 1.6 | 7:05 | 4:10 |  |
| 16 | Mon | 8:53 | 9.0 | 9:25 | 8.1 | 2:33 | 1.6 | 3:15 | 1.2 | 7:06 | 4:10 |  |
| 17 | Tue | 9:36 | 9.3 | 10:12 | 8.2 | 3:20 | 1.5 | 4:04 | 0.9 | 7:07 | 4:11 |  |
| 18 | Wed | 10:16 | 9.6 | 10:55 | 8.3 | 4:07 | 1.4 | 4:51 | 0.5 | 7:07 | 4:11 |  |
| 19 | Thu | 10:53 | 9.8 | 11:35 | 8.4 | 4:52 | 1.3 | 5:35 | 0.2 | 7:08 | 4:11 |  |
| 20 | Fri | 11:30 | 10.1 | | | 5:37 | 1.1 | 6:18 | -0.1 | 7:09 | 4:12 |  |
| 21 | Sat | 12:12 | 8.5 | 12:08 | 10.2 | 6:21 | 1.0 | 7:01 | -0.3 | 7:09 | 4:12 |  |
| 22 | Sun | 12:51 | 8.7 | 12:48 | 10.3 | 7:06 | 0.9 | 7:45 | -0.4 | 7:10 | 4:13 |  |
| 23 | Mon | 1:31 | 8.8 | 1:32 | 10.4 | 7:52 | 0.9 | 8:30 | -0.4 | 7:10 | 4:13 |  |
| 24 | Tue | 2:15 | 9.0 | 2:20 | 10.3 | 8:40 | 0.8 | 9:16 | -0.3 | 7:10 | 4:14 |  |
| 25 | Wed | 3:03 | 9.1 | 3:12 | 10.1 | 9:30 | 0.8 | 10:05 | -0.2 | 7:11 | 4:15 |  |
| 26 | Thu | 3:54 | 9.3 | 4:07 | 9.8 | 10:25 | 0.8 | 10:57 | -0.1 | 7:11 | 4:15 |  |
| 27 | Fri | 4:49 | 9.4 | 5:07 | 9.4 | 11:23 | 0.8 | 11:51 | 0.1 | 7:12 | 4:16 |  |
| 28 | Sat | 5:48 | 9.6 | 6:13 | 9.1 | | | 12:25 | 0.6 | 7:12 | 4:17 |  |
| 29 | Sun | 6:51 | 9.9 | 7:22 | 8.9 | 12:48 | 0.2 | 1:29 | 0.4 | 7:12 | 4:17 |  |
| 30 | Mon | 7:53 | 10.3 | 8:29 | 8.9 | 1:46 | 0.3 | 2:33 | 0.1 | 7:12 | 4:18 |  |
| 31 | Tue | 8:53 | 10.7 | 9:32 | 8.8 | 2:44 | 0.3 | 3:36 | -0.3 | 7:12 | 4:19 |  |