

## Newburyport (Merrimack River), MA - Jan 1852

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Thu | 6:38  | 7.6 | 7:04  | 7.0 | 12:45 | 0.9  | 1:20  | 0.9  | 7:18                                                                                | 4:23 |    |
| 2    | Fri | 7:29  | 7.8 | 7:58  | 7.0 | 1:35  | 1.0  | 2:13  | 0.7  | 7:18                                                                                | 4:24 |    |
| 3    | Sat | 8:19  | 8.0 | 8:51  | 7.0 | 2:25  | 1.1  | 3:03  | 0.5  | 7:18                                                                                | 4:25 |    |
| 4    | Sun | 9:07  | 8.3 | 9:40  | 7.1 | 3:12  | 1.0  | 3:52  | 0.2  | 7:18                                                                                | 4:26 |    |
| 5    | Mon | 9:53  | 8.6 | 10:27 | 7.3 | 3:58  | 0.9  | 4:38  | -0.1 | 7:18                                                                                | 4:27 |    |
| 6    | Tue | 10:38 | 8.9 | 11:12 | 7.5 | 4:43  | 0.8  | 5:24  | -0.3 | 7:18                                                                                | 4:28 |    |
| 7    | Wed | 11:23 | 9.2 | 11:57 | 7.7 | 5:28  | 0.6  | 6:08  | -0.6 | 7:18                                                                                | 4:29 |    |
| 8    | Thu |       |     | 12:09 | 9.4 | 6:13  | 0.4  | 6:53  | -0.8 | 7:18                                                                                | 4:30 |    |
| 9    | Fri | 12:43 | 8.0 | 12:57 | 9.5 | 6:59  | 0.2  | 7:39  | -0.9 | 7:18                                                                                | 4:31 |    |
| 10   | Sat | 1:31  | 8.2 | 1:46  | 9.5 | 7:48  | 0.0  | 8:26  | -0.9 | 7:17                                                                                | 4:32 |    |
| 11   | Sun | 2:21  | 8.4 | 2:38  | 9.3 | 8:41  | -0.1 | 9:15  | -0.9 | 7:17                                                                                | 4:33 |    |
| 12   | Mon | 3:13  | 8.6 | 3:33  | 9.1 | 9:37  | -0.1 | 10:08 | -0.7 | 7:17                                                                                | 4:34 |   |
| 13   | Tue | 4:07  | 8.8 | 4:30  | 8.7 | 10:36 | -0.2 | 11:03 | -0.5 | 7:16                                                                                | 4:35 |  |
| 14   | Wed | 5:03  | 8.9 | 5:29  | 8.3 | 11:38 | -0.2 |       |      | 7:16                                                                                | 4:37 |  |
| 15   | Thu | 6:01  | 8.9 | 6:31  | 7.9 | 12:00 | -0.2 | 12:41 | -0.2 | 7:15                                                                                | 4:38 |  |
| 16   | Fri | 7:00  | 8.9 | 7:34  | 7.6 | 12:59 | 0.0  | 1:42  | -0.3 | 7:15                                                                                | 4:39 |  |
| 17   | Sat | 7:59  | 9.0 | 8:36  | 7.5 | 1:57  | 0.1  | 2:42  | -0.4 | 7:14                                                                                | 4:40 |  |
| 18   | Sun | 8:57  | 9.0 | 9:34  | 7.4 | 2:53  | 0.2  | 3:38  | -0.5 | 7:14                                                                                | 4:41 |  |
| 19   | Mon | 9:50  | 9.0 | 10:26 | 7.5 | 3:47  | 0.3  | 4:31  | -0.5 | 7:13                                                                                | 4:43 |  |
| 20   | Tue | 10:40 | 9.0 | 11:14 | 7.5 | 4:39  | 0.3  | 5:20  | -0.5 | 7:13                                                                                | 4:44 |  |
| 21   | Wed | 11:26 | 8.9 | 11:58 | 7.5 | 5:28  | 0.3  | 6:06  | -0.5 | 7:12                                                                                | 4:45 |  |
| 22   | Thu |       |     | 12:09 | 8.8 | 6:14  | 0.4  | 6:49  | -0.4 | 7:11                                                                                | 4:46 |  |
| 23   | Fri | 12:40 | 7.5 | 12:51 | 8.6 | 6:58  | 0.5  | 7:31  | -0.2 | 7:11                                                                                | 4:48 |  |
| 24   | Sat | 1:21  | 7.5 | 1:33  | 8.5 | 7:41  | 0.5  | 8:12  | -0.1 | 7:10                                                                                | 4:49 |  |
| 25   | Sun | 2:02  | 7.6 | 2:16  | 8.2 | 8:25  | 0.6  | 8:53  | 0.1  | 7:09                                                                                | 4:50 |  |
| 26   | Mon | 2:44  | 7.6 | 3:00  | 8.0 | 9:10  | 0.7  | 9:36  | 0.4  | 7:08                                                                                | 4:51 |  |
| 27   | Tue | 3:28  | 7.7 | 3:47  | 7.7 | 9:58  | 0.8  | 10:21 | 0.6  | 7:07                                                                                | 4:53 |  |
| 28   | Wed | 4:14  | 7.7 | 4:36  | 7.4 | 10:49 | 0.9  | 11:09 | 0.9  | 7:06                                                                                | 4:54 |  |
| 29   | Thu | 5:03  | 7.7 | 5:27  | 7.1 | 11:43 | 0.9  |       |      | 7:05                                                                                | 4:55 |  |
| 30   | Fri | 5:53  | 7.7 | 6:22  | 6.9 | 12:00 | 1.1  | 12:39 | 0.9  | 7:04                                                                                | 4:57 |  |
| 31   | Sat | 6:45  | 7.8 | 7:18  | 6.8 | 12:52 | 1.2  | 1:34  | 0.7  | 7:03                                                                                | 4:58 |  |