

## Newburyport (Merrimack River), MA - Jun 1853

| Date |     | High  |      |       |      | Low   |      |       |     |  |      |    |
|------|-----|-------|------|-------|------|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 7:24  | 7.8  | 7:55  | 8.1  | 1:31  | 0.8  | 1:53  | 0.6 | 4:11                                                                                | 7:18 |    |
| 2    | Thu | 8:20  | 7.6  | 8:44  | 8.2  | 2:26  | 0.7  | 2:43  | 0.8 | 4:10                                                                                | 7:19 |    |
| 3    | Fri | 9:12  | 7.5  | 9:29  | 8.3  | 3:17  | 0.5  | 3:30  | 0.9 | 4:10                                                                                | 7:20 |    |
| 4    | Sat | 9:58  | 7.4  | 10:10 | 8.4  | 4:04  | 0.4  | 4:14  | 1.0 | 4:09                                                                                | 7:21 |    |
| 5    | Sun | 10:41 | 7.4  | 10:50 | 8.5  | 4:49  | 0.3  | 4:56  | 1.1 | 4:09                                                                                | 7:21 |    |
| 6    | Mon | 11:21 | 7.4  | 11:28 | 8.6  | 5:31  | 0.3  | 5:37  | 1.2 | 4:09                                                                                | 7:22 |    |
| 7    | Tue |       |      | 12:00 | 7.4  | 6:12  | 0.3  | 6:17  | 1.3 | 4:08                                                                                | 7:23 |    |
| 8    | Wed | 12:07 | 8.6  | 12:40 | 7.4  | 6:52  | 0.3  | 6:57  | 1.3 | 4:08                                                                                | 7:23 |    |
| 9    | Thu | 12:47 | 8.7  | 1:21  | 7.4  | 7:33  | 0.3  | 7:37  | 1.4 | 4:08                                                                                | 7:24 |    |
| 10   | Fri | 1:29  | 8.7  | 2:04  | 7.4  | 8:15  | 0.3  | 8:19  | 1.4 | 4:08                                                                                | 7:24 |    |
| 11   | Sat | 2:13  | 8.6  | 2:50  | 7.5  | 8:58  | 0.4  | 9:04  | 1.4 | 4:08                                                                                | 7:25 |    |
| 12   | Sun | 3:00  | 8.6  | 3:38  | 7.6  | 9:44  | 0.4  | 9:55  | 1.4 | 4:07                                                                                | 7:26 |   |
| 13   | Mon | 3:51  | 8.5  | 4:28  | 7.8  | 10:33 | 0.5  | 10:51 | 1.3 | 4:07                                                                                | 7:26 |  |
| 14   | Tue | 4:44  | 8.3  | 5:20  | 8.0  | 11:24 | 0.5  | 11:50 | 1.1 | 4:07                                                                                | 7:26 |  |
| 15   | Wed | 5:40  | 8.2  | 6:14  | 8.4  |       |      | 12:17 | 0.5 | 4:07                                                                                | 7:27 |  |
| 16   | Thu | 6:38  | 8.1  | 7:09  | 8.8  | 12:49 | 0.7  | 1:10  | 0.5 | 4:07                                                                                | 7:27 |  |
| 17   | Fri | 7:37  | 8.1  | 8:04  | 9.2  | 1:47  | 0.3  | 2:04  | 0.4 | 4:07                                                                                | 7:28 |  |
| 18   | Sat | 8:36  | 8.2  | 8:58  | 9.6  | 2:44  | -0.2 | 2:57  | 0.3 | 4:08                                                                                | 7:28 |  |
| 19   | Sun | 9:33  | 8.2  | 9:51  | 10.0 | 3:40  | -0.6 | 3:49  | 0.2 | 4:08                                                                                | 7:28 |  |
| 20   | Mon | 10:28 | 8.3  | 10:44 | 10.2 | 4:34  | -0.9 | 4:42  | 0.1 | 4:08                                                                                | 7:29 |  |
| 21   | Tue | 11:21 | 8.4  | 11:36 | 10.3 | 5:27  | -1.1 | 5:35  | 0.0 | 4:08                                                                                | 7:29 |  |
| 22   | Wed |       |      | 12:13 | 8.4  | 6:19  | -1.2 | 6:28  | 0.0 | 4:08                                                                                | 7:29 |  |
| 23   | Thu | 12:28 | 10.2 | 1:05  | 8.4  | 7:11  | -1.1 | 7:21  | 0.0 | 4:09                                                                                | 7:29 |  |
| 24   | Fri | 1:20  | 10.0 | 1:57  | 8.4  | 8:02  | -1.0 | 8:14  | 0.2 | 4:09                                                                                | 7:29 |  |
| 25   | Sat | 2:12  | 9.6  | 2:50  | 8.3  | 8:53  | -0.7 | 9:09  | 0.3 | 4:09                                                                                | 7:29 |  |
| 26   | Sun | 3:06  | 9.2  | 3:43  | 8.2  | 9:45  | -0.4 | 10:05 | 0.5 | 4:10                                                                                | 7:29 |  |
| 27   | Mon | 4:00  | 8.7  | 4:36  | 8.1  | 10:37 | 0.0  | 11:02 | 0.7 | 4:10                                                                                | 7:29 |  |
| 28   | Tue | 4:54  | 8.2  | 5:29  | 8.1  | 11:30 | 0.3  |       |     | 4:10                                                                                | 7:29 |  |
| 29   | Wed | 5:50  | 7.8  | 6:22  | 8.1  | 12:00 | 0.8  | 12:23 | 0.6 | 4:11                                                                                | 7:29 |  |
| 30   | Thu | 6:46  | 7.5  | 7:14  | 8.1  | 12:57 | 0.8  | 1:15  | 0.9 | 4:11                                                                                | 7:29 |  |