

## Newburyport (Merrimack River), MA - Jul 1848

| Date |     | High  |     |       |      | Low   |      |       |      |  |      |  |
|------|-----|-------|-----|-------|------|-------|------|-------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft   | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                |
| 1    | Sat | 11:35 | 8.5 | 11:51 | 10.0 | 5:41  | -1.1 | 5:53  | -0.2 | 4:12                                                                                | 7:29 | ☀                                                                                   |
| 2    | Sun |       |     | 12:25 | 8.6  | 6:31  | -1.0 | 6:44  | -0.1 | 4:13                                                                                | 7:29 | ☀                                                                                   |
| 3    | Mon | 12:40 | 9.8 | 1:13  | 8.5  | 7:20  | -0.9 | 7:34  | 0.0  | 4:13                                                                                | 7:29 | ☀                                                                                   |
| 4    | Tue | 1:29  | 9.5 | 2:02  | 8.5  | 8:07  | -0.7 | 8:24  | 0.2  | 4:14                                                                                | 7:28 | ☀                                                                                   |
| 5    | Wed | 2:17  | 9.1 | 2:50  | 8.4  | 8:54  | -0.4 | 9:14  | 0.4  | 4:14                                                                                | 7:28 | ☀                                                                                   |
| 6    | Thu | 3:06  | 8.7 | 3:38  | 8.3  | 9:42  | -0.1 | 10:06 | 0.6  | 4:15                                                                                | 7:28 | ☀                                                                                   |
| 7    | Fri | 3:56  | 8.3 | 4:27  | 8.2  | 10:32 | 0.3  | 11:00 | 0.8  | 4:16                                                                                | 7:27 | ☀                                                                                   |
| 8    | Sat | 4:47  | 7.9 | 5:17  | 8.1  | 11:22 | 0.6  | 11:54 | 0.9  | 4:16                                                                                | 7:27 | ☀                                                                                   |
| 9    | Sun | 5:40  | 7.6 | 6:09  | 8.1  |       |      | 12:14 | 0.8  | 4:17                                                                                | 7:27 | ☀                                                                                   |
| 10   | Mon | 6:34  | 7.3 | 7:00  | 8.1  | 12:49 | 0.9  | 1:06  | 1.0  | 4:18                                                                                | 7:26 | ☀                                                                                   |
| 11   | Tue | 7:29  | 7.2 | 7:52  | 8.2  | 1:43  | 0.8  | 1:57  | 1.1  | 4:19                                                                                | 7:26 | ☀                                                                                   |
| 12   | Wed | 8:22  | 7.1 | 8:42  | 8.3  | 2:35  | 0.7  | 2:47  | 1.1  | 4:19                                                                                | 7:25 | ☀                                                                                   |
| 13   | Thu | 9:13  | 7.2 | 9:29  | 8.4  | 3:25  | 0.6  | 3:34  | 1.1  | 4:20                                                                                | 7:25 | ☀                                                                                   |
| 14   | Fri | 10:00 | 7.3 | 10:14 | 8.6  | 4:12  | 0.4  | 4:20  | 1.0  | 4:21                                                                                | 7:24 | ☀                                                                                   |
| 15   | Sat | 10:44 | 7.5 | 10:57 | 8.8  | 4:57  | 0.2  | 5:04  | 0.9  | 4:22                                                                                | 7:23 | ☀                                                                                   |
| 16   | Sun | 11:27 | 7.7 | 11:39 | 9.0  | 5:40  | 0.1  | 5:48  | 0.8  | 4:23                                                                                | 7:23 | ☀                                                                                   |
| 17   | Mon |       |     | 12:09 | 7.9  | 6:22  | -0.1 | 6:30  | 0.6  | 4:24                                                                                | 7:22 | ☀                                                                                   |
| 18   | Tue | 12:22 | 9.1 | 12:53 | 8.2  | 7:04  | -0.2 | 7:14  | 0.5  | 4:24                                                                                | 7:21 | ☀                                                                                   |
| 19   | Wed | 1:07  | 9.2 | 1:38  | 8.5  | 7:46  | -0.3 | 8:00  | 0.3  | 4:25                                                                                | 7:20 | ☀                                                                                   |
| 20   | Thu | 1:54  | 9.2 | 2:25  | 8.7  | 8:30  | -0.4 | 8:49  | 0.2  | 4:26                                                                                | 7:20 | ☀                                                                                   |
| 21   | Fri | 2:44  | 9.1 | 3:14  | 8.9  | 9:17  | -0.3 | 9:42  | 0.1  | 4:27                                                                                | 7:19 | ☀                                                                                   |
| 22   | Sat | 3:36  | 8.9 | 4:07  | 9.1  | 10:07 | -0.2 | 10:40 | 0.0  | 4:28                                                                                | 7:18 | ☀                                                                                   |
| 23   | Sun | 4:32  | 8.6 | 5:02  | 9.2  | 11:02 | -0.1 | 11:40 | 0.0  | 4:29                                                                                | 7:17 | ☀                                                                                   |
| 24   | Mon | 5:30  | 8.4 | 5:59  | 9.3  | 11:59 | 0.1  |       |      | 4:30                                                                                | 7:16 | ☀                                                                                   |
| 25   | Tue | 6:31  | 8.2 | 6:59  | 9.4  | 12:42 | -0.1 | 12:59 | 0.1  | 4:31                                                                                | 7:15 | ☀                                                                                   |
| 26   | Wed | 7:33  | 8.0 | 7:59  | 9.4  | 1:43  | -0.3 | 1:58  | 0.1  | 4:32                                                                                | 7:14 | ☀                                                                                   |
| 27   | Thu | 8:34  | 8.0 | 8:57  | 9.5  | 2:42  | -0.5 | 2:55  | 0.1  | 4:33                                                                                | 7:13 | ☀                                                                                   |
| 28   | Fri | 9:33  | 8.1 | 9:53  | 9.6  | 3:39  | -0.6 | 3:51  | 0.0  | 4:34                                                                                | 7:12 | ☀                                                                                   |
| 29   | Sat | 10:27 | 8.2 | 10:45 | 9.6  | 4:32  | -0.7 | 4:45  | -0.1 | 4:35                                                                                | 7:11 | ☀                                                                                   |
| 30   | Sun | 11:17 | 8.3 | 11:34 | 9.5  | 5:23  | -0.7 | 5:36  | -0.1 | 4:36                                                                                | 7:10 | ☀                                                                                   |
| 31   | Mon |       |     | 12:04 | 8.4  | 6:11  | -0.7 | 6:25  | -0.1 | 4:37                                                                                | 7:09 | ☀                                                                                   |