

## Newburyport (Merrimack River), MA - Dec 1849

| Date |     | High  |      |       |      | Low   |      |       |      |  |      |    |
|------|-----|-------|------|-------|------|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Sat |       |      | 12:01 | 10.3 | 6:03  | -0.4 | 6:42  | -1.5 | 6:58                                                                                | 4:14 |    |
| 2    | Sun | 12:35 | 8.8  | 12:52 | 10.3 | 6:53  | -0.4 | 7:33  | -1.5 | 6:59                                                                                | 4:14 |    |
| 3    | Mon | 1:27  | 8.8  | 1:44  | 10.2 | 7:46  | -0.4 | 8:25  | -1.4 | 7:00                                                                                | 4:14 |    |
| 4    | Tue | 2:21  | 8.8  | 2:39  | 9.9  | 8:41  | -0.3 | 9:19  | -1.1 | 7:02                                                                                | 4:14 |    |
| 5    | Wed | 3:17  | 8.7  | 3:36  | 9.4  | 9:39  | -0.1 | 10:16 | -0.8 | 7:03                                                                                | 4:13 |    |
| 6    | Thu | 4:14  | 8.6  | 4:35  | 9.0  | 10:40 | 0.0  | 11:14 | -0.5 | 7:03                                                                                | 4:13 |    |
| 7    | Fri | 5:13  | 8.5  | 5:36  | 8.5  | 11:43 | 0.1  |       |      | 7:04                                                                                | 4:13 |    |
| 8    | Sat | 6:12  | 8.5  | 6:37  | 8.1  | 12:12 | -0.3 | 12:45 | 0.2  | 7:05                                                                                | 4:13 |    |
| 9    | Sun | 7:11  | 8.5  | 7:38  | 7.8  | 1:09  | 0.0  | 1:44  | 0.1  | 7:06                                                                                | 4:13 |    |
| 10   | Mon | 8:07  | 8.5  | 8:36  | 7.6  | 2:04  | 0.1  | 2:40  | 0.0  | 7:07                                                                                | 4:13 |    |
| 11   | Tue | 8:59  | 8.5  | 9:29  | 7.6  | 2:56  | 0.3  | 3:33  | 0.0  | 7:08                                                                                | 4:13 |    |
| 12   | Wed | 9:46  | 8.6  | 10:16 | 7.5  | 3:45  | 0.4  | 4:21  | -0.1 | 7:09                                                                                | 4:13 |   |
| 13   | Thu | 10:28 | 8.6  | 10:58 | 7.5  | 4:31  | 0.6  | 5:06  | -0.1 | 7:10                                                                                | 4:13 |  |
| 14   | Fri | 11:08 | 8.6  | 11:38 | 7.5  | 5:14  | 0.7  | 5:48  | -0.1 | 7:10                                                                                | 4:14 |  |
| 15   | Sat | 11:47 | 8.6  |       |      | 5:56  | 0.8  | 6:29  | -0.1 | 7:11                                                                                | 4:14 |  |
| 16   | Sun | 12:17 | 7.5  | 12:26 | 8.6  | 6:36  | 0.8  | 7:09  | 0.0  | 7:12                                                                                | 4:14 |  |
| 17   | Mon | 12:56 | 7.5  | 1:06  | 8.5  | 7:17  | 0.9  | 7:50  | 0.0  | 7:12                                                                                | 4:15 |  |
| 18   | Tue | 1:37  | 7.5  | 1:48  | 8.5  | 7:58  | 1.0  | 8:31  | 0.1  | 7:13                                                                                | 4:15 |  |
| 19   | Wed | 2:20  | 7.5  | 2:32  | 8.3  | 8:41  | 1.0  | 9:14  | 0.2  | 7:14                                                                                | 4:15 |  |
| 20   | Thu | 3:05  | 7.6  | 3:18  | 8.2  | 9:28  | 1.1  | 9:59  | 0.4  | 7:14                                                                                | 4:16 |  |
| 21   | Fri | 3:52  | 7.7  | 4:08  | 8.0  | 10:18 | 1.1  | 10:47 | 0.5  | 7:15                                                                                | 4:16 |  |
| 22   | Sat | 4:41  | 7.8  | 5:00  | 7.8  | 11:12 | 1.1  | 11:38 | 0.6  | 7:15                                                                                | 4:17 |  |
| 23   | Sun | 5:33  | 7.9  | 5:54  | 7.7  |       |      | 12:09 | 0.9  | 7:16                                                                                | 4:17 |  |
| 24   | Mon | 6:25  | 8.2  | 6:51  | 7.7  | 12:30 | 0.6  | 1:06  | 0.6  | 7:16                                                                                | 4:18 |  |
| 25   | Tue | 7:19  | 8.5  | 7:48  | 7.7  | 1:23  | 0.5  | 2:01  | 0.2  | 7:17                                                                                | 4:18 |  |
| 26   | Wed | 8:13  | 8.9  | 8:45  | 7.9  | 2:15  | 0.4  | 2:56  | -0.2 | 7:17                                                                                | 4:19 |  |
| 27   | Thu | 9:07  | 9.4  | 9:40  | 8.1  | 3:07  | 0.2  | 3:49  | -0.7 | 7:17                                                                                | 4:20 |  |
| 28   | Fri | 10:00 | 9.8  | 10:34 | 8.3  | 3:59  | -0.1 | 4:42  | -1.1 | 7:17                                                                                | 4:21 |  |
| 29   | Sat | 10:51 | 10.1 | 11:26 | 8.6  | 4:51  | -0.3 | 5:33  | -1.4 | 7:18                                                                                | 4:21 |  |
| 30   | Sun | 11:43 | 10.3 |       |      | 5:44  | -0.5 | 6:24  | -1.6 | 7:18                                                                                | 4:22 |  |
| 31   | Mon | 12:17 | 8.8  | 12:35 | 10.3 | 6:36  | -0.7 | 7:15  | -1.6 | 7:18                                                                                | 4:23 |  |