

## Newburyport (Merrimack River), MA - Apr 1861

| Date |     | High  |      |       |      | Low   |      |       |      |  |      |    |
|------|-----|-------|------|-------|------|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 3:42  | 9.4  | 4:19  | 7.8  | 10:25 | -0.5 | 10:40 | 0.4  | 5:29                                                                                | 6:13 |    |
| 2    | Tue | 4:41  | 8.9  | 5:19  | 7.5  | 11:25 | -0.1 | 11:43 | 0.7  | 5:27                                                                                | 6:14 |    |
| 3    | Wed | 5:42  | 8.5  | 6:21  | 7.4  |       |      | 12:27 | 0.2  | 5:25                                                                                | 6:15 |    |
| 4    | Thu | 6:45  | 8.2  | 7:23  | 7.3  | 12:46 | 0.8  | 1:26  | 0.4  | 5:23                                                                                | 6:16 |    |
| 5    | Fri | 7:47  | 8.0  | 8:22  | 7.5  | 1:47  | 0.8  | 2:22  | 0.5  | 5:22                                                                                | 6:18 |    |
| 6    | Sat | 8:45  | 7.9  | 9:13  | 7.7  | 2:44  | 0.7  | 3:13  | 0.5  | 5:20                                                                                | 6:19 |    |
| 7    | Sun | 9:36  | 7.8  | 9:57  | 7.9  | 3:36  | 0.6  | 3:59  | 0.6  | 5:18                                                                                | 6:20 |    |
| 8    | Mon | 10:20 | 7.8  | 10:37 | 8.1  | 4:23  | 0.4  | 4:42  | 0.6  | 5:16                                                                                | 6:21 |    |
| 9    | Tue | 11:00 | 7.8  | 11:13 | 8.2  | 5:06  | 0.3  | 5:22  | 0.7  | 5:15                                                                                | 6:22 |    |
| 10   | Wed | 11:38 | 7.8  | 11:49 | 8.4  | 5:47  | 0.2  | 6:00  | 0.8  | 5:13                                                                                | 6:23 |    |
| 11   | Thu |       |      | 12:16 | 7.7  | 6:27  | 0.2  | 6:37  | 0.9  | 5:11                                                                                | 6:24 |    |
| 12   | Fri | 12:26 | 8.5  | 12:54 | 7.7  | 7:06  | 0.2  | 7:15  | 1.0  | 5:10                                                                                | 6:26 |   |
| 13   | Sat | 1:04  | 8.5  | 1:34  | 7.6  | 7:45  | 0.2  | 7:52  | 1.1  | 5:08                                                                                | 6:27 |  |
| 14   | Sun | 1:45  | 8.5  | 2:16  | 7.5  | 8:27  | 0.3  | 8:32  | 1.2  | 5:06                                                                                | 6:28 |  |
| 15   | Mon | 2:29  | 8.5  | 3:02  | 7.4  | 9:11  | 0.5  | 9:16  | 1.4  | 5:05                                                                                | 6:29 |  |
| 16   | Tue | 3:16  | 8.4  | 3:51  | 7.3  | 9:59  | 0.6  | 10:07 | 1.5  | 5:03                                                                                | 6:30 |  |
| 17   | Wed | 4:07  | 8.3  | 4:43  | 7.3  | 10:52 | 0.7  | 11:04 | 1.5  | 5:02                                                                                | 6:31 |  |
| 18   | Thu | 5:01  | 8.3  | 5:39  | 7.4  | 11:48 | 0.7  |       |      | 5:00                                                                                | 6:32 |  |
| 19   | Fri | 5:59  | 8.2  | 6:36  | 7.6  | 12:05 | 1.3  | 12:45 | 0.6  | 4:58                                                                                | 6:34 |  |
| 20   | Sat | 6:59  | 8.3  | 7:33  | 8.0  | 1:06  | 1.0  | 1:39  | 0.4  | 4:57                                                                                | 6:35 |  |
| 21   | Sun | 7:58  | 8.4  | 8:28  | 8.6  | 2:04  | 0.5  | 2:32  | 0.2  | 4:55                                                                                | 6:36 |  |
| 22   | Mon | 8:56  | 8.6  | 9:21  | 9.2  | 3:01  | 0.0  | 3:23  | 0.0  | 4:54                                                                                | 6:37 |  |
| 23   | Tue | 9:51  | 8.7  | 10:11 | 9.7  | 3:55  | -0.5 | 4:13  | -0.2 | 4:52                                                                                | 6:38 |  |
| 24   | Wed | 10:43 | 8.9  | 11:01 | 10.1 | 4:48  | -1.0 | 5:02  | -0.3 | 4:51                                                                                | 6:39 |  |
| 25   | Thu | 11:35 | 8.9  | 11:51 | 10.3 | 5:40  | -1.3 | 5:52  | -0.4 | 4:49                                                                                | 6:40 |  |
| 26   | Fri |       |      | 12:25 | 8.8  | 6:31  | -1.4 | 6:42  | -0.3 | 4:48                                                                                | 6:42 |  |
| 27   | Sat | 12:41 | 10.3 | 1:16  | 8.7  | 7:22  | -1.3 | 7:33  | -0.2 | 4:46                                                                                | 6:43 |  |
| 28   | Sun | 1:32  | 10.1 | 2:09  | 8.4  | 8:14  | -1.1 | 8:25  | 0.0  | 4:45                                                                                | 6:44 |  |
| 29   | Mon | 2:25  | 9.7  | 3:02  | 8.2  | 9:07  | -0.7 | 9:21  | 0.3  | 4:43                                                                                | 6:45 |  |
| 30   | Tue | 3:20  | 9.3  | 3:58  | 7.9  | 10:02 | -0.3 | 10:19 | 0.6  | 4:42                                                                                | 6:46 |  |