

## Essex, MA - Dec 1851

| Date |     | High  |      |       |      | Low   |     |       |      |  |      |    |
|------|-----|-------|------|-------|------|-------|-----|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft  | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Mon | 5:33  | 8.3  | 5:40  | 8.4  | 11:34 | 2.0 |       |      | 6:57                                                                                | 4:15 |    |
| 2    | Tue | 6:27  | 8.3  | 6:40  | 8.2  | 12:06 | 1.4 | 12:29 | 2.0  | 6:58                                                                                | 4:14 |    |
| 3    | Wed | 7:20  | 8.5  | 7:38  | 8.2  | 12:57 | 1.5 | 1:25  | 1.8  | 6:59                                                                                | 4:14 |    |
| 4    | Thu | 8:09  | 8.8  | 8:32  | 8.3  | 1:47  | 1.5 | 2:20  | 1.5  | 7:00                                                                                | 4:14 |    |
| 5    | Fri | 8:54  | 9.1  | 9:22  | 8.4  | 2:36  | 1.4 | 3:12  | 1.1  | 7:01                                                                                | 4:14 |    |
| 6    | Sat | 9:36  | 9.5  | 10:08 | 8.5  | 3:24  | 1.2 | 4:02  | 0.7  | 7:02                                                                                | 4:14 |    |
| 7    | Sun | 10:15 | 9.8  | 10:50 | 8.7  | 4:10  | 1.1 | 4:49  | 0.3  | 7:03                                                                                | 4:13 |    |
| 8    | Mon | 10:53 | 10.1 | 11:30 | 8.8  | 4:56  | 0.9 | 5:35  | -0.1 | 7:04                                                                                | 4:13 |    |
| 9    | Tue | 11:30 | 10.4 |       |      | 5:41  | 0.8 | 6:19  | -0.3 | 7:05                                                                                | 4:13 |    |
| 10   | Wed | 12:10 | 8.9  | 12:10 | 10.6 | 6:26  | 0.7 | 7:04  | -0.5 | 7:06                                                                                | 4:13 |    |
| 11   | Thu | 12:51 | 9.1  | 12:53 | 10.7 | 7:12  | 0.6 | 7:50  | -0.6 | 7:07                                                                                | 4:13 |    |
| 12   | Fri | 1:35  | 9.2  | 1:39  | 10.7 | 7:59  | 0.6 | 8:37  | -0.6 | 7:07                                                                                | 4:14 |   |
| 13   | Sat | 2:23  | 9.2  | 2:29  | 10.5 | 8:49  | 0.6 | 9:26  | -0.5 | 7:08                                                                                | 4:14 |  |
| 14   | Sun | 3:14  | 9.3  | 3:24  | 10.3 | 9:42  | 0.7 | 10:18 | -0.4 | 7:09                                                                                | 4:14 |  |
| 15   | Mon | 4:09  | 9.4  | 4:22  | 9.9  | 10:38 | 0.7 | 11:12 | -0.2 | 7:10                                                                                | 4:14 |  |
| 16   | Tue | 5:09  | 9.5  | 5:26  | 9.6  | 11:39 | 0.7 |       |      | 7:10                                                                                | 4:14 |  |
| 17   | Wed | 6:11  | 9.7  | 6:35  | 9.3  | 12:09 | 0.0 | 12:42 | 0.6  | 7:11                                                                                | 4:15 |  |
| 18   | Thu | 7:15  | 10.0 | 7:44  | 9.2  | 1:07  | 0.1 | 1:45  | 0.3  | 7:12                                                                                | 4:15 |  |
| 19   | Fri | 8:15  | 10.4 | 8:48  | 9.2  | 2:05  | 0.1 | 2:49  | 0.0  | 7:12                                                                                | 4:15 |  |
| 20   | Sat | 9:12  | 10.7 | 9:47  | 9.3  | 3:01  | 0.1 | 3:50  | -0.4 | 7:13                                                                                | 4:16 |  |
| 21   | Sun | 10:05 | 11.0 | 10:41 | 9.3  | 3:56  | 0.1 | 4:46  | -0.7 | 7:14                                                                                | 4:16 |  |
| 22   | Mon | 10:55 | 11.1 | 11:31 | 9.3  | 4:47  | 0.1 | 5:37  | -0.8 | 7:14                                                                                | 4:17 |  |
| 23   | Tue | 11:41 | 11.0 |       |      | 5:36  | 0.2 | 6:23  | -0.8 | 7:15                                                                                | 4:17 |  |
| 24   | Wed | 12:18 | 9.3  | 12:24 | 10.8 | 6:22  | 0.3 | 7:06  | -0.6 | 7:15                                                                                | 4:18 |  |
| 25   | Thu | 1:03  | 9.1  | 1:06  | 10.5 | 7:06  | 0.5 | 7:47  | -0.4 | 7:15                                                                                | 4:18 |  |
| 26   | Fri | 1:46  | 9.0  | 1:48  | 10.1 | 7:49  | 0.8 | 8:27  | -0.1 | 7:16                                                                                | 4:19 |  |
| 27   | Sat | 2:28  | 8.8  | 2:29  | 9.7  | 8:32  | 1.0 | 9:07  | 0.3  | 7:16                                                                                | 4:20 |  |
| 28   | Sun | 3:10  | 8.6  | 3:12  | 9.3  | 9:17  | 1.3 | 9:49  | 0.6  | 7:16                                                                                | 4:20 |  |
| 29   | Mon | 3:53  | 8.5  | 3:57  | 8.9  | 10:03 | 1.5 | 10:33 | 0.9  | 7:17                                                                                | 4:21 |  |
| 30   | Tue | 4:38  | 8.4  | 4:47  | 8.4  | 10:53 | 1.7 | 11:19 | 1.2  | 7:17                                                                                | 4:22 |  |
| 31   | Wed | 5:27  | 8.3  | 5:42  | 8.1  | 11:46 | 1.8 |       |      | 7:17                                                                                | 4:23 |  |