

## Essex, MA - Apr 1870

| Date |     | High  |      |       |      | Low   |      |       |      |  |      |  |
|------|-----|-------|------|-------|------|-------|------|-------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM    | ft   | PM    | ft   | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                |
| 1    | Fri | 11:50 | 9.6  |       |      | 5:42  | 0.5  | 6:05  | 0.7  | 5:29                                                                                | 6:12 | ●                                                                                   |
| 2    | Sat | 12:04 | 9.4  | 12:25 | 9.5  | 6:21  | 0.4  | 6:40  | 0.7  | 5:27                                                                                | 6:13 | ●                                                                                   |
| 3    | Sun | 12:35 | 9.4  | 12:59 | 9.3  | 7:00  | 0.3  | 7:17  | 0.9  | 5:25                                                                                | 6:15 | ●                                                                                   |
| 4    | Mon | 1:06  | 9.5  | 1:34  | 9.1  | 7:40  | 0.4  | 7:55  | 1.0  | 5:23                                                                                | 6:16 | ●                                                                                   |
| 5    | Tue | 1:39  | 9.5  | 2:11  | 8.9  | 8:22  | 0.5  | 8:35  | 1.2  | 5:22                                                                                | 6:17 | ◐                                                                                   |
| 6    | Wed | 2:17  | 9.5  | 2:51  | 8.6  | 9:06  | 0.7  | 9:18  | 1.4  | 5:20                                                                                | 6:18 | ◐                                                                                   |
| 7    | Thu | 2:58  | 9.4  | 3:36  | 8.4  | 9:52  | 0.9  | 10:04 | 1.6  | 5:18                                                                                | 6:19 | ◐                                                                                   |
| 8    | Fri | 3:45  | 9.3  | 4:26  | 8.3  | 10:42 | 1.1  | 10:56 | 1.7  | 5:17                                                                                | 6:20 | ◐                                                                                   |
| 9    | Sat | 4:38  | 9.2  | 5:22  | 8.2  | 11:37 | 1.2  | 11:53 | 1.7  | 5:15                                                                                | 6:21 | ◐                                                                                   |
| 10   | Sun | 5:37  | 9.2  | 6:23  | 8.4  |       |      | 12:35 | 1.1  | 5:13                                                                                | 6:23 | ◐                                                                                   |
| 11   | Mon | 6:41  | 9.3  | 7:25  | 8.7  | 12:53 | 1.5  | 1:34  | 0.9  | 5:12                                                                                | 6:24 | ◐                                                                                   |
| 12   | Tue | 7:46  | 9.6  | 8:25  | 9.3  | 1:53  | 1.0  | 2:31  | 0.5  | 5:10                                                                                | 6:25 | ◐                                                                                   |
| 13   | Wed | 8:48  | 10.0 | 9:22  | 9.9  | 2:52  | 0.5  | 3:27  | 0.0  | 5:08                                                                                | 6:26 | ○                                                                                   |
| 14   | Thu | 9:47  | 10.5 | 10:15 | 10.5 | 3:49  | -0.2 | 4:20  | -0.4 | 5:07                                                                                | 6:27 | ○                                                                                   |
| 15   | Fri | 10:42 | 10.8 | 11:05 | 11.1 | 4:45  | -0.8 | 5:12  | -0.7 | 5:05                                                                                | 6:28 | ○                                                                                   |
| 16   | Sat | 11:35 | 11.0 | 11:55 | 11.4 | 5:39  | -1.2 | 6:02  | -0.9 | 5:03                                                                                | 6:29 | ○                                                                                   |
| 17   | Sun |       |      | 12:27 | 10.9 | 6:31  | -1.5 | 6:51  | -0.9 | 5:02                                                                                | 6:30 | ○                                                                                   |
| 18   | Mon | 12:44 | 11.5 | 1:19  | 10.6 | 7:24  | -1.4 | 7:41  | -0.7 | 5:00                                                                                | 6:32 | ○                                                                                   |
| 19   | Tue | 1:35  | 11.4 | 2:14  | 10.2 | 8:16  | -1.2 | 8:31  | -0.3 | 4:59                                                                                | 6:33 | ○                                                                                   |
| 20   | Wed | 2:28  | 11.1 | 3:10  | 9.8  | 9:10  | -0.8 | 9:23  | 0.2  | 4:57                                                                                | 6:34 | ○                                                                                   |
| 21   | Thu | 3:24  | 10.6 | 4:08  | 9.3  | 10:04 | -0.3 | 10:17 | 0.7  | 4:55                                                                                | 6:35 | ○                                                                                   |
| 22   | Fri | 4:22  | 10.0 | 5:08  | 9.0  | 11:01 | 0.3  | 11:13 | 1.1  | 4:54                                                                                | 6:36 | ◐                                                                                   |
| 23   | Sat | 5:24  | 9.6  | 6:09  | 8.7  |       |      | 12:00 | 0.7  | 4:52                                                                                | 6:37 | ◐                                                                                   |
| 24   | Sun | 6:28  | 9.2  | 7:08  | 8.7  | 12:12 | 1.4  | 1:00  | 1.0  | 4:51                                                                                | 6:38 | ◐                                                                                   |
| 25   | Mon | 7:29  | 9.1  | 8:03  | 8.8  | 1:12  | 1.5  | 1:57  | 1.2  | 4:49                                                                                | 6:40 | ◐                                                                                   |
| 26   | Tue | 8:25  | 9.1  | 8:53  | 8.9  | 2:10  | 1.5  | 2:48  | 1.2  | 4:48                                                                                | 6:41 | ◐                                                                                   |
| 27   | Wed | 9:15  | 9.1  | 9:39  | 9.1  | 3:02  | 1.3  | 3:32  | 1.2  | 4:46                                                                                | 6:42 | ◐                                                                                   |
| 28   | Thu | 10:02 | 9.2  | 10:20 | 9.3  | 3:50  | 1.1  | 4:13  | 1.2  | 4:45                                                                                | 6:43 | ◐                                                                                   |
| 29   | Fri | 10:44 | 9.2  | 10:57 | 9.5  | 4:33  | 0.8  | 4:51  | 1.1  | 4:44                                                                                | 6:44 | ◐                                                                                   |
| 30   | Sat | 11:23 | 9.2  | 11:30 | 9.6  | 5:15  | 0.6  | 5:29  | 1.1  | 4:42                                                                                | 6:45 | ◐                                                                                   |