

## Merrimack River Entrance, MA - Jan 1862

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |  |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                |
| 1    | Wed | 11:33 | 9.8 |       |     | 5:18  | -0.2 | 6:00  | -1.2 | 7:18                                                                                | 4:24 | ●                                                                                   |
| 2    | Thu | 12:08 | 8.4 | 12:23 | 9.7 | 6:10  | -0.3 | 6:48  | -1.1 | 7:18                                                                                | 4:24 | ●                                                                                   |
| 3    | Fri | 12:57 | 8.4 | 1:12  | 9.4 | 7:00  | -0.2 | 7:35  | -0.9 | 7:18                                                                                | 4:25 | ●                                                                                   |
| 4    | Sat | 1:45  | 8.4 | 2:00  | 8.9 | 7:51  | 0.0  | 8:21  | -0.6 | 7:18                                                                                | 4:26 | ◐                                                                                   |
| 5    | Sun | 2:33  | 8.3 | 2:50  | 8.5 | 8:42  | 0.2  | 9:09  | -0.2 | 7:18                                                                                | 4:27 | ◐                                                                                   |
| 6    | Mon | 3:22  | 8.2 | 3:41  | 8.0 | 9:34  | 0.4  | 9:57  | 0.2  | 7:18                                                                                | 4:28 | ◐                                                                                   |
| 7    | Tue | 4:12  | 8.1 | 4:34  | 7.5 | 10:28 | 0.6  | 10:46 | 0.6  | 7:18                                                                                | 4:29 | ◐                                                                                   |
| 8    | Wed | 5:03  | 7.9 | 5:28  | 7.1 | 11:23 | 0.8  | 11:38 | 0.9  | 7:17                                                                                | 4:30 | ◐                                                                                   |
| 9    | Thu | 5:55  | 7.8 | 6:25  | 6.8 |       |      | 12:20 | 0.9  | 7:17                                                                                | 4:31 | ◐                                                                                   |
| 10   | Fri | 6:49  | 7.8 | 7:21  | 6.7 | 12:31 | 1.1  | 1:17  | 0.8  | 7:17                                                                                | 4:32 | ◐                                                                                   |
| 11   | Sat | 7:41  | 7.8 | 8:16  | 6.6 | 1:24  | 1.3  | 2:11  | 0.7  | 7:17                                                                                | 4:34 | ◐                                                                                   |
| 12   | Sun | 8:31  | 8.0 | 9:06  | 6.7 | 2:16  | 1.3  | 3:01  | 0.6  | 7:16                                                                                | 4:35 | ○                                                                                   |
| 13   | Mon | 9:18  | 8.1 | 9:52  | 6.9 | 3:04  | 1.2  | 3:48  | 0.4  | 7:16                                                                                | 4:36 | ○                                                                                   |
| 14   | Tue | 10:03 | 8.3 | 10:36 | 7.0 | 3:50  | 1.1  | 4:31  | 0.2  | 7:15                                                                                | 4:37 | ○                                                                                   |
| 15   | Wed | 10:45 | 8.4 | 11:17 | 7.3 | 4:33  | 0.9  | 5:11  | 0.0  | 7:15                                                                                | 4:38 | ○                                                                                   |
| 16   | Thu | 11:26 | 8.6 | 11:57 | 7.5 | 5:15  | 0.7  | 5:51  | -0.2 | 7:14                                                                                | 4:39 | ○                                                                                   |
| 17   | Fri |       |     | 12:07 | 8.7 | 5:57  | 0.5  | 6:30  | -0.3 | 7:14                                                                                | 4:41 | ○                                                                                   |
| 18   | Sat | 12:37 | 7.8 | 12:49 | 8.8 | 6:40  | 0.3  | 7:10  | -0.4 | 7:13                                                                                | 4:42 | ○                                                                                   |
| 19   | Sun | 1:19  | 8.1 | 1:32  | 8.7 | 7:24  | 0.1  | 7:52  | -0.5 | 7:13                                                                                | 4:43 | ○                                                                                   |
| 20   | Mon | 2:02  | 8.3 | 2:20  | 8.5 | 8:12  | 0.0  | 8:36  | -0.4 | 7:12                                                                                | 4:44 | ○                                                                                   |
| 21   | Tue | 2:49  | 8.5 | 3:11  | 8.3 | 9:03  | -0.1 | 9:25  | -0.2 | 7:11                                                                                | 4:45 | ○                                                                                   |
| 22   | Wed | 3:40  | 8.7 | 4:06  | 8.0 | 9:59  | -0.1 | 10:17 | 0.0  | 7:11                                                                                | 4:47 | ○                                                                                   |
| 23   | Thu | 4:35  | 8.7 | 5:06  | 7.7 | 10:58 | -0.1 | 11:14 | 0.2  | 7:10                                                                                | 4:48 | ◐                                                                                   |
| 24   | Fri | 5:33  | 8.8 | 6:09  | 7.5 |       |      | 12:01 | -0.1 | 7:09                                                                                | 4:49 | ◐                                                                                   |
| 25   | Sat | 6:35  | 8.9 | 7:14  | 7.4 | 12:14 | 0.4  | 1:06  | -0.2 | 7:08                                                                                | 4:51 | ◐                                                                                   |
| 26   | Sun | 7:37  | 9.0 | 8:17  | 7.5 | 1:17  | 0.4  | 2:09  | -0.4 | 7:07                                                                                | 4:52 | ◐                                                                                   |
| 27   | Mon | 8:37  | 9.2 | 9:16  | 7.7 | 2:19  | 0.3  | 3:08  | -0.6 | 7:06                                                                                | 4:53 | ◐                                                                                   |
| 28   | Tue | 9:34  | 9.3 | 10:11 | 7.9 | 3:18  | 0.1  | 4:03  | -0.8 | 7:06                                                                                | 4:54 | ◐                                                                                   |
| 29   | Wed | 10:28 | 9.4 | 11:02 | 8.2 | 4:13  | -0.1 | 4:54  | -0.9 | 7:05                                                                                | 4:56 | ◐                                                                                   |
| 30   | Thu | 11:18 | 9.4 | 11:50 | 8.3 | 5:05  | -0.2 | 5:42  | -0.9 | 7:04                                                                                | 4:57 | ●                                                                                   |
| 31   | Fri |       |     | 12:05 | 9.2 | 5:54  | -0.3 | 6:26  | -0.8 | 7:03                                                                                | 4:58 | ●                                                                                   |