

## Ludlam Bay, west side, NJ - May 1889

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |  |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                |
| 1    | Wed | 9:07  | 3.8 | 9:18  | 4.5 | 3:23  | 0.0  | 3:16  | 0.2  | 4:59                                                                                | 6:51 | ●                                                                                   |
| 2    | Thu | 9:45  | 3.7 | 9:53  | 4.4 | 4:00  | 0.1  | 3:49  | 0.3  | 4:58                                                                                | 6:52 | ●                                                                                   |
| 3    | Fri | 10:24 | 3.5 | 10:29 | 4.3 | 4:40  | 0.3  | 4:23  | 0.5  | 4:57                                                                                | 6:53 | ●                                                                                   |
| 4    | Sat | 11:06 | 3.3 | 11:09 | 4.1 | 5:23  | 0.5  | 5:01  | 0.7  | 4:56                                                                                | 6:54 | ●                                                                                   |
| 5    | Sun | 11:52 | 3.1 | 11:53 | 4.0 | 6:09  | 0.6  | 5:45  | 0.9  | 4:54                                                                                | 6:55 | ●                                                                                   |
| 6    | Mon |       |     | 12:41 | 3.0 | 6:57  | 0.8  | 6:35  | 1.0  | 4:53                                                                                | 6:56 | ●                                                                                   |
| 7    | Tue | 12:41 | 3.9 | 1:34  | 3.0 | 7:46  | 0.8  | 7:30  | 1.0  | 4:52                                                                                | 6:57 | ●                                                                                   |
| 8    | Wed | 1:33  | 3.8 | 2:33  | 3.1 | 8:39  | 0.8  | 8:32  | 1.0  | 4:51                                                                                | 6:58 | ●                                                                                   |
| 9    | Thu | 2:34  | 3.8 | 3:34  | 3.4 | 9:34  | 0.7  | 9:39  | 0.9  | 4:50                                                                                | 6:59 | ●                                                                                   |
| 10   | Fri | 3:38  | 3.8 | 4:27  | 3.7 | 10:26 | 0.5  | 10:43 | 0.6  | 4:49                                                                                | 7:00 | ●                                                                                   |
| 11   | Sat | 4:36  | 4.0 | 5:16  | 4.1 | 11:15 | 0.3  | 11:39 | 0.3  | 4:48                                                                                | 7:01 | ●                                                                                   |
| 12   | Sun | 5:28  | 4.1 | 6:02  | 4.6 |       |      | 12:01 | 0.0  | 4:47                                                                                | 7:02 | ○                                                                                   |
| 13   | Mon | 6:20  | 4.3 | 6:50  | 5.0 | 12:33 | 0.0  | 12:47 | -0.2 | 4:46                                                                                | 7:03 | ○                                                                                   |
| 14   | Tue | 7:12  | 4.3 | 7:39  | 5.3 | 1:27  | -0.3 | 1:34  | -0.4 | 4:45                                                                                | 7:04 | ○                                                                                   |
| 15   | Wed | 8:04  | 4.3 | 8:28  | 5.5 | 2:18  | -0.5 | 2:22  | -0.5 | 4:44                                                                                | 7:05 | ○                                                                                   |
| 16   | Thu | 8:55  | 4.3 | 9:17  | 5.5 | 3:09  | -0.6 | 3:09  | -0.4 | 4:44                                                                                | 7:06 | ○                                                                                   |
| 17   | Fri | 9:48  | 4.1 | 10:09 | 5.4 | 4:01  | -0.6 | 3:59  | -0.3 | 4:43                                                                                | 7:06 | ○                                                                                   |
| 18   | Sat | 10:45 | 4.0 | 11:06 | 5.2 | 4:57  | -0.4 | 4:54  | -0.1 | 4:42                                                                                | 7:07 | ○                                                                                   |
| 19   | Sun | 11:46 | 3.8 |       |     | 5:57  | -0.3 | 5:56  | 0.2  | 4:41                                                                                | 7:08 | ○                                                                                   |
| 20   | Mon | 12:05 | 4.9 | 12:49 | 3.7 | 6:57  | -0.1 | 7:01  | 0.4  | 4:40                                                                                | 7:09 | ○                                                                                   |
| 21   | Tue | 1:06  | 4.6 | 1:53  | 3.7 | 7:57  | 0.1  | 8:07  | 0.5  | 4:40                                                                                | 7:10 | ○                                                                                   |
| 22   | Wed | 2:09  | 4.3 | 2:59  | 3.8 | 8:57  | 0.2  | 9:16  | 0.6  | 4:39                                                                                | 7:11 | ●                                                                                   |
| 23   | Thu | 3:14  | 4.1 | 4:01  | 3.9 | 9:54  | 0.2  | 10:21 | 0.6  | 4:38                                                                                | 7:12 | ●                                                                                   |
| 24   | Fri | 4:15  | 4.0 | 4:54  | 4.1 | 10:47 | 0.2  | 11:20 | 0.5  | 4:38                                                                                | 7:12 | ●                                                                                   |
| 25   | Sat | 5:08  | 3.9 | 5:39  | 4.3 | 11:33 | 0.2  |       |      | 4:37                                                                                | 7:13 | ●                                                                                   |
| 26   | Sun | 5:55  | 3.8 | 6:21  | 4.4 | 12:12 | 0.4  | 12:16 | 0.2  | 4:36                                                                                | 7:14 | ●                                                                                   |
| 27   | Mon | 6:39  | 3.8 | 7:01  | 4.5 | 12:59 | 0.3  | 12:56 | 0.2  | 4:36                                                                                | 7:15 | ●                                                                                   |
| 28   | Tue | 7:22  | 3.8 | 7:39  | 4.6 | 1:43  | 0.2  | 1:35  | 0.2  | 4:35                                                                                | 7:16 | ●                                                                                   |
| 29   | Wed | 8:04  | 3.7 | 8:16  | 4.7 | 2:24  | 0.2  | 2:11  | 0.3  | 4:35                                                                                | 7:16 | ●                                                                                   |
| 30   | Thu | 8:43  | 3.6 | 8:52  | 4.6 | 3:03  | 0.2  | 2:46  | 0.3  | 4:34                                                                                | 7:17 | ●                                                                                   |
| 31   | Fri | 9:22  | 3.5 | 9:27  | 4.6 | 3:40  | 0.3  | 3:20  | 0.4  | 4:34                                                                                | 7:18 | ●                                                                                   |