

## Ludlam Bay, west side, NJ - Dec 1869

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 6:10  | 5.0 | 6:31  | 4.2 | 12:04 | -0.5 | 12:46 | -0.4 | 7:03                                                                                | 4:40 |    |
| 2    | Thu | 7:01  | 5.2 | 7:24  | 4.2 | 12:54 | -0.6 | 1:40  | -0.6 | 7:04                                                                                | 4:40 |    |
| 3    | Fri | 7:51  | 5.3 | 8:16  | 4.1 | 1:43  | -0.6 | 2:31  | -0.6 | 7:05                                                                                | 4:40 |    |
| 4    | Sat | 8:38  | 5.3 | 9:05  | 4.0 | 2:31  | -0.5 | 3:20  | -0.6 | 7:06                                                                                | 4:40 |    |
| 5    | Sun | 9:25  | 5.1 | 9:53  | 3.8 | 3:17  | -0.4 | 4:08  | -0.4 | 7:07                                                                                | 4:40 |    |
| 6    | Mon | 10:11 | 4.9 | 10:43 | 3.6 | 4:03  | -0.1 | 4:57  | -0.2 | 7:08                                                                                | 4:40 |    |
| 7    | Tue | 10:59 | 4.6 | 11:36 | 3.4 | 4:51  | 0.1  | 5:49  | 0.0  | 7:09                                                                                | 4:40 |    |
| 8    | Wed | 11:49 | 4.2 |       |     | 5:44  | 0.4  | 6:41  | 0.2  | 7:10                                                                                | 4:40 |    |
| 9    | Thu | 12:29 | 3.2 | 12:39 | 3.9 | 6:40  | 0.6  | 7:31  | 0.3  | 7:11                                                                                | 4:40 |    |
| 10   | Fri | 1:22  | 3.2 | 1:29  | 3.7 | 7:36  | 0.8  | 8:20  | 0.4  | 7:11                                                                                | 4:40 |    |
| 11   | Sat | 2:17  | 3.2 | 2:24  | 3.5 | 8:35  | 0.9  | 9:10  | 0.4  | 7:12                                                                                | 4:40 |    |
| 12   | Sun | 3:13  | 3.3 | 3:21  | 3.3 | 9:36  | 0.9  | 9:58  | 0.4  | 7:13                                                                                | 4:40 |   |
| 13   | Mon | 4:06  | 3.4 | 4:15  | 3.3 | 10:34 | 0.8  | 10:43 | 0.4  | 7:14                                                                                | 4:40 |  |
| 14   | Tue | 4:52  | 3.7 | 5:04  | 3.3 | 11:25 | 0.6  | 11:25 | 0.2  | 7:14                                                                                | 4:41 |  |
| 15   | Wed | 5:34  | 3.9 | 5:49  | 3.3 |       |      | 12:12 | 0.4  | 7:15                                                                                | 4:41 |  |
| 16   | Thu | 6:14  | 4.1 | 6:34  | 3.4 | 12:05 | 0.1  | 12:57 | 0.2  | 7:16                                                                                | 4:41 |  |
| 17   | Fri | 6:54  | 4.3 | 7:17  | 3.4 | 12:45 | 0.0  | 1:40  | 0.1  | 7:16                                                                                | 4:41 |  |
| 18   | Sat | 7:34  | 4.5 | 8:00  | 3.4 | 1:25  | -0.1 | 2:21  | -0.1 | 7:17                                                                                | 4:42 |  |
| 19   | Sun | 8:14  | 4.6 | 8:42  | 3.4 | 2:05  | -0.2 | 3:01  | -0.2 | 7:18                                                                                | 4:42 |  |
| 20   | Mon | 8:53  | 4.7 | 9:24  | 3.4 | 2:45  | -0.2 | 3:41  | -0.3 | 7:18                                                                                | 4:43 |  |
| 21   | Tue | 9:34  | 4.7 | 10:09 | 3.4 | 3:27  | -0.2 | 4:25  | -0.3 | 7:19                                                                                | 4:43 |  |
| 22   | Wed | 10:19 | 4.6 | 11:00 | 3.4 | 4:12  | -0.2 | 5:13  | -0.3 | 7:19                                                                                | 4:44 |  |
| 23   | Thu | 11:09 | 4.4 | 11:55 | 3.5 | 5:05  | -0.1 | 6:05  | -0.2 | 7:20                                                                                | 4:44 |  |
| 24   | Fri |       |     | 12:04 | 4.2 | 6:05  | 0.0  | 6:59  | -0.2 | 7:20                                                                                | 4:45 |  |
| 25   | Sat | 12:53 | 3.6 | 1:02  | 4.0 | 7:09  | 0.1  | 7:53  | -0.2 | 7:20                                                                                | 4:45 |  |
| 26   | Sun | 1:54  | 3.7 | 2:05  | 3.8 | 8:16  | 0.1  | 8:51  | -0.3 | 7:21                                                                                | 4:46 |  |
| 27   | Mon | 2:59  | 3.9 | 3:14  | 3.6 | 9:26  | 0.1  | 9:51  | -0.3 | 7:21                                                                                | 4:47 |  |
| 28   | Tue | 4:03  | 4.2 | 4:21  | 3.6 | 10:35 | -0.1 | 10:49 | -0.4 | 7:21                                                                                | 4:47 |  |
| 29   | Wed | 5:01  | 4.4 | 5:20  | 3.6 | 11:37 | -0.2 | 11:43 | -0.5 | 7:22                                                                                | 4:48 |  |
| 30   | Thu | 5:54  | 4.7 | 6:16  | 3.6 |       |      | 12:34 | -0.4 | 7:22                                                                                | 4:49 |  |
| 31   | Fri | 6:46  | 4.8 | 7:10  | 3.6 | 12:35 | -0.6 | 1:28  | -0.6 | 7:22                                                                                | 4:50 |  |