

## Ludlam Bay, west side, NJ - Jul 1857

| Date |     | High  |     |       |     | Low   |      |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Wed | 3:27  | 3.2 | 4:11  | 4.0 | 9:55  | 0.8  | 10:51 | 1.0 | 4:39                                                                                | 7:32 |    |
| 2    | Thu | 4:22  | 3.1 | 4:57  | 4.1 | 10:41 | 0.8  | 11:43 | 0.9 | 4:40                                                                                | 7:32 |    |
| 3    | Fri | 5:13  | 3.1 | 5:42  | 4.3 | 11:25 | 0.7  |       |     | 4:40                                                                                | 7:32 |    |
| 4    | Sat | 6:01  | 3.1 | 6:25  | 4.5 | 12:32 | 0.7  | 12:08 | 0.7 | 4:41                                                                                | 7:32 |    |
| 5    | Sun | 6:48  | 3.2 | 7:09  | 4.6 | 1:18  | 0.6  | 12:52 | 0.6 | 4:42                                                                                | 7:32 |    |
| 6    | Mon | 7:35  | 3.3 | 7:51  | 4.7 | 2:01  | 0.5  | 1:34  | 0.5 | 4:42                                                                                | 7:31 |    |
| 7    | Tue | 8:17  | 3.3 | 8:31  | 4.8 | 2:40  | 0.3  | 2:16  | 0.4 | 4:43                                                                                | 7:31 |    |
| 8    | Wed | 8:58  | 3.4 | 9:09  | 4.8 | 3:17  | 0.2  | 2:56  | 0.4 | 4:43                                                                                | 7:31 |    |
| 9    | Thu | 9:38  | 3.5 | 9:49  | 4.8 | 3:55  | 0.2  | 3:37  | 0.4 | 4:44                                                                                | 7:30 |    |
| 10   | Fri | 10:19 | 3.6 | 10:30 | 4.7 | 4:34  | 0.2  | 4:22  | 0.4 | 4:45                                                                                | 7:30 |    |
| 11   | Sat | 11:05 | 3.8 | 11:16 | 4.5 | 5:15  | 0.1  | 5:14  | 0.5 | 4:45                                                                                | 7:30 |    |
| 12   | Sun | 11:53 | 4.0 |       |     | 6:00  | 0.1  | 6:12  | 0.5 | 4:46                                                                                | 7:29 |   |
| 13   | Mon | 12:05 | 4.3 | 12:44 | 4.1 | 6:46  | 0.1  | 7:13  | 0.6 | 4:47                                                                                | 7:29 |  |
| 14   | Tue | 12:58 | 4.0 | 1:39  | 4.3 | 7:34  | 0.2  | 8:18  | 0.6 | 4:47                                                                                | 7:28 |  |
| 15   | Wed | 1:56  | 3.8 | 2:41  | 4.5 | 8:27  | 0.2  | 9:29  | 0.6 | 4:48                                                                                | 7:28 |  |
| 16   | Thu | 3:05  | 3.6 | 3:47  | 4.7 | 9:26  | 0.2  | 10:40 | 0.5 | 4:49                                                                                | 7:27 |  |
| 17   | Fri | 4:16  | 3.5 | 4:50  | 4.9 | 10:29 | 0.2  | 11:45 | 0.3 | 4:50                                                                                | 7:27 |  |
| 18   | Sat | 5:20  | 3.5 | 5:49  | 5.1 | 11:30 | 0.1  |       |     | 4:50                                                                                | 7:26 |  |
| 19   | Sun | 6:21  | 3.6 | 6:46  | 5.2 | 12:45 | 0.1  | 12:28 | 0.0 | 4:51                                                                                | 7:25 |  |
| 20   | Mon | 7:19  | 3.8 | 7:40  | 5.3 | 1:41  | 0.0  | 1:25  | 0.0 | 4:52                                                                                | 7:25 |  |
| 21   | Tue | 8:13  | 3.9 | 8:30  | 5.3 | 2:31  | -0.2 | 2:18  | 0.0 | 4:53                                                                                | 7:24 |  |
| 22   | Wed | 9:02  | 4.0 | 9:16  | 5.1 | 3:17  | -0.2 | 3:07  | 0.0 | 4:54                                                                                | 7:23 |  |
| 23   | Thu | 9:48  | 4.0 | 9:59  | 4.9 | 4:00  | -0.1 | 3:54  | 0.2 | 4:55                                                                                | 7:22 |  |
| 24   | Fri | 10:34 | 4.0 | 10:42 | 4.6 | 4:43  | 0.0  | 4:42  | 0.4 | 4:55                                                                                | 7:22 |  |
| 25   | Sat | 11:20 | 4.0 | 11:26 | 4.2 | 5:26  | 0.2  | 5:32  | 0.6 | 4:56                                                                                | 7:21 |  |
| 26   | Sun |       |     | 12:05 | 4.0 | 6:09  | 0.4  | 6:24  | 0.8 | 4:57                                                                                | 7:20 |  |
| 27   | Mon | 12:09 | 3.9 | 12:50 | 3.9 | 6:49  | 0.6  | 7:15  | 1.0 | 4:58                                                                                | 7:19 |  |
| 28   | Tue | 12:53 | 3.6 | 1:35  | 3.9 | 7:29  | 0.7  | 8:09  | 1.1 | 4:59                                                                                | 7:18 |  |
| 29   | Wed | 1:39  | 3.3 | 2:26  | 3.9 | 8:11  | 0.9  | 9:09  | 1.2 | 5:00                                                                                | 7:17 |  |
| 30   | Thu | 2:35  | 3.1 | 3:23  | 4.0 | 8:58  | 1.0  | 10:12 | 1.2 | 5:01                                                                                | 7:16 |  |
| 31   | Fri | 3:39  | 3.0 | 4:19  | 4.1 | 9:52  | 1.0  | 11:10 | 1.1 | 5:01                                                                                | 7:15 |  |