

## Marcus Hook, PA - Nov 1864

| Date |     | High  |     |       |     | Low   |      |       |      |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|------|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft   | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 12:43 | 5.5 | 12:54 | 6.5 | 7:39  | 0.5  | 8:23  | 0.5  | 6:35                                                                                | 5:03 |    |
| 2    | Wed | 1:20  | 5.4 | 1:30  | 6.5 | 8:19  | 0.5  | 9:08  | 0.5  | 6:36                                                                                | 5:02 |    |
| 3    | Thu | 2:00  | 5.4 | 2:11  | 6.5 | 9:02  | 0.5  | 9:55  | 0.6  | 6:37                                                                                | 5:01 |    |
| 4    | Fri | 2:44  | 5.3 | 2:58  | 6.4 | 9:49  | 0.5  | 10:45 | 0.6  | 6:38                                                                                | 5:00 |    |
| 5    | Sat | 3:37  | 5.3 | 3:54  | 6.3 | 10:44 | 0.5  | 11:39 | 0.5  | 6:39                                                                                | 4:59 |    |
| 6    | Sun | 4:39  | 5.3 | 4:59  | 6.1 | 11:45 | 0.5  |       |      | 6:40                                                                                | 4:58 |    |
| 7    | Mon | 5:45  | 5.4 | 6:07  | 6.0 | 12:34 | 0.4  | 12:48 | 0.5  | 6:41                                                                                | 4:57 |    |
| 8    | Tue | 6:50  | 5.6 | 7:13  | 6.0 | 1:31  | 0.3  | 1:52  | 0.4  | 6:43                                                                                | 4:56 |    |
| 9    | Wed | 7:51  | 5.9 | 8:16  | 6.0 | 2:27  | 0.2  | 2:54  | 0.3  | 6:44                                                                                | 4:55 |    |
| 10   | Thu | 8:49  | 6.3 | 9:13  | 6.1 | 3:23  | 0.1  | 3:54  | 0.1  | 6:45                                                                                | 4:54 |    |
| 11   | Fri | 9:42  | 6.6 | 10:07 | 6.2 | 4:17  | 0.0  | 4:51  | 0.0  | 6:46                                                                                | 4:53 |    |
| 12   | Sat | 10:32 | 6.8 | 10:57 | 6.2 | 5:08  | -0.1 | 5:46  | -0.1 | 6:47                                                                                | 4:52 |   |
| 13   | Sun | 11:20 | 6.9 | 11:47 | 6.1 | 5:59  | -0.1 | 6:38  | -0.1 | 6:48                                                                                | 4:51 |  |
| 14   | Mon |       |     | 12:07 | 6.9 | 6:47  | 0.0  | 7:28  | -0.1 | 6:50                                                                                | 4:50 |  |
| 15   | Tue | 12:36 | 6.0 | 12:54 | 6.8 | 7:34  | 0.1  | 8:16  | 0.0  | 6:51                                                                                | 4:49 |  |
| 16   | Wed | 1:25  | 5.8 | 1:41  | 6.6 | 8:20  | 0.3  | 9:03  | 0.2  | 6:52                                                                                | 4:49 |  |
| 17   | Thu | 2:14  | 5.7 | 2:29  | 6.4 | 9:05  | 0.4  | 9:50  | 0.3  | 6:53                                                                                | 4:48 |  |
| 18   | Fri | 3:04  | 5.5 | 3:18  | 6.1 | 9:50  | 0.5  | 10:37 | 0.4  | 6:54                                                                                | 4:47 |  |
| 19   | Sat | 3:55  | 5.3 | 4:10  | 5.9 | 10:38 | 0.6  | 11:24 | 0.4  | 6:55                                                                                | 4:46 |  |
| 20   | Sun | 4:50  | 5.2 | 5:06  | 5.6 | 11:28 | 0.6  |       |      | 6:56                                                                                | 4:46 |  |
| 21   | Mon | 5:45  | 5.1 | 6:02  | 5.4 | 12:12 | 0.4  | 12:20 | 0.6  | 6:57                                                                                | 4:45 |  |
| 22   | Tue | 6:40  | 5.2 | 6:59  | 5.3 | 1:00  | 0.4  | 1:15  | 0.5  | 6:59                                                                                | 4:45 |  |
| 23   | Wed | 7:33  | 5.3 | 7:53  | 5.2 | 1:48  | 0.3  | 2:10  | 0.4  | 7:00                                                                                | 4:44 |  |
| 24   | Thu | 8:24  | 5.5 | 8:45  | 5.2 | 2:37  | 0.2  | 3:06  | 0.3  | 7:01                                                                                | 4:44 |  |
| 25   | Fri | 9:12  | 5.7 | 9:33  | 5.2 | 3:26  | 0.1  | 3:59  | 0.2  | 7:02                                                                                | 4:43 |  |
| 26   | Sat | 9:56  | 5.9 | 10:18 | 5.2 | 4:13  | 0.1  | 4:51  | 0.1  | 7:03                                                                                | 4:43 |  |
| 27   | Sun | 10:36 | 6.0 | 10:59 | 5.2 | 4:59  | 0.1  | 5:41  | 0.1  | 7:04                                                                                | 4:42 |  |
| 28   | Mon | 11:15 | 6.2 | 11:39 | 5.1 | 5:45  | 0.1  | 6:29  | 0.0  | 7:05                                                                                | 4:42 |  |
| 29   | Tue | 11:53 | 6.3 |       |     | 6:30  | 0.1  | 7:17  | 0.0  | 7:06                                                                                | 4:42 |  |
| 30   | Wed | 12:20 | 5.1 | 12:32 | 6.3 | 7:15  | 0.0  | 8:03  | 0.0  | 7:07                                                                                | 4:41 |  |