

## Marcus Hook, PA - Jul 1890

| Date |     | High  |     |       |     | Low   |     |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft  | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 10:54 | 5.5 | 11:11 | 7.1 | 5:51  | 0.4 | 5:49  | 0.5 | 4:36                                                                                | 7:33 |    |
| 2    | Wed | 11:45 | 5.6 |       |     | 6:46  | 0.3 | 6:44  | 0.5 | 4:37                                                                                | 7:33 |    |
| 3    | Thu | 12:02 | 7.2 | 12:38 | 5.6 | 7:38  | 0.2 | 7:38  | 0.4 | 4:37                                                                                | 7:33 |    |
| 4    | Fri | 12:54 | 7.2 | 1:32  | 5.7 | 8:28  | 0.1 | 8:31  | 0.4 | 4:38                                                                                | 7:33 |    |
| 5    | Sat | 1:48  | 7.0 | 2:27  | 5.8 | 9:18  | 0.1 | 9:25  | 0.4 | 4:38                                                                                | 7:32 |    |
| 6    | Sun | 2:43  | 6.8 | 3:23  | 5.8 | 10:09 | 0.1 | 10:20 | 0.5 | 4:39                                                                                | 7:32 |    |
| 7    | Mon | 3:40  | 6.5 | 4:22  | 5.9 | 10:59 | 0.1 | 11:17 | 0.5 | 4:40                                                                                | 7:32 |    |
| 8    | Tue | 4:40  | 6.3 | 5:21  | 6.0 | 11:50 | 0.1 |       |     | 4:40                                                                                | 7:32 |    |
| 9    | Wed | 5:41  | 6.0 | 6:19  | 6.1 | 12:15 | 0.5 | 12:42 | 0.2 | 4:41                                                                                | 7:31 |    |
| 10   | Thu | 6:41  | 5.8 | 7:16  | 6.2 | 1:13  | 0.5 | 1:34  | 0.2 | 4:42                                                                                | 7:31 |    |
| 11   | Fri | 7:39  | 5.7 | 8:11  | 6.4 | 2:12  | 0.5 | 2:26  | 0.3 | 4:42                                                                                | 7:30 |    |
| 12   | Sat | 8:35  | 5.6 | 9:02  | 6.5 | 3:09  | 0.4 | 3:17  | 0.4 | 4:43                                                                                | 7:30 |   |
| 13   | Sun | 9:28  | 5.6 | 9:51  | 6.6 | 4:04  | 0.3 | 4:07  | 0.4 | 4:44                                                                                | 7:30 |  |
| 14   | Mon | 10:16 | 5.6 | 10:35 | 6.7 | 4:56  | 0.3 | 4:55  | 0.5 | 4:45                                                                                | 7:29 |  |
| 15   | Tue | 11:03 | 5.6 | 11:18 | 6.7 | 5:44  | 0.3 | 5:41  | 0.6 | 4:45                                                                                | 7:28 |  |
| 16   | Wed | 11:47 | 5.5 | 11:59 | 6.6 | 6:31  | 0.3 | 6:25  | 0.7 | 4:46                                                                                | 7:28 |  |
| 17   | Thu |       |     | 12:30 | 5.5 | 7:14  | 0.4 | 7:07  | 0.8 | 4:47                                                                                | 7:27 |  |
| 18   | Fri | 12:38 | 6.5 | 1:11  | 5.4 | 7:54  | 0.5 | 7:47  | 0.8 | 4:48                                                                                | 7:27 |  |
| 19   | Sat | 1:16  | 6.4 | 1:50  | 5.4 | 8:33  | 0.5 | 8:25  | 0.9 | 4:48                                                                                | 7:26 |  |
| 20   | Sun | 1:52  | 6.3 | 2:28  | 5.4 | 9:10  | 0.5 | 9:03  | 0.9 | 4:49                                                                                | 7:25 |  |
| 21   | Mon | 2:26  | 6.1 | 3:04  | 5.4 | 9:45  | 0.5 | 9:43  | 0.9 | 4:50                                                                                | 7:25 |  |
| 22   | Tue | 3:01  | 6.0 | 3:41  | 5.5 | 10:21 | 0.5 | 10:27 | 0.9 | 4:51                                                                                | 7:24 |  |
| 23   | Wed | 3:41  | 5.8 | 4:24  | 5.6 | 10:59 | 0.5 | 11:20 | 0.9 | 4:52                                                                                | 7:23 |  |
| 24   | Thu | 4:30  | 5.6 | 5:13  | 5.7 | 11:40 | 0.5 |       |     | 4:53                                                                                | 7:22 |  |
| 25   | Fri | 5:29  | 5.4 | 6:08  | 5.9 | 12:19 | 1.0 | 12:27 | 0.5 | 4:54                                                                                | 7:21 |  |
| 26   | Sat | 6:33  | 5.2 | 7:07  | 6.1 | 1:23  | 1.0 | 1:22  | 0.6 | 4:54                                                                                | 7:20 |  |
| 27   | Sun | 7:38  | 5.2 | 8:06  | 6.4 | 2:29  | 0.9 | 2:25  | 0.6 | 4:55                                                                                | 7:20 |  |
| 28   | Mon | 8:40  | 5.2 | 9:04  | 6.7 | 3:33  | 0.8 | 3:29  | 0.6 | 4:56                                                                                | 7:19 |  |
| 29   | Tue | 9:39  | 5.4 | 10:00 | 6.9 | 4:33  | 0.6 | 4:30  | 0.6 | 4:57                                                                                | 7:18 |  |
| 30   | Wed | 10:34 | 5.5 | 10:53 | 7.1 | 5:30  | 0.4 | 5:29  | 0.5 | 4:58                                                                                | 7:17 |  |
| 31   | Thu | 11:27 | 5.7 | 11:46 | 7.2 | 6:24  | 0.3 | 6:26  | 0.4 | 4:59                                                                                | 7:16 |  |