

## Marcus Hook, PA - Nov 1881

| Date |     | High  |     |       |     | Low   |      |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|------|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft   | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Tue | 7:39  | 5.8 | 8:03  | 6.1 | 2:14  | 0.3  | 2:36  | 0.4 | 6:34                                                                                | 5:03 |    |
| 2    | Wed | 8:38  | 6.1 | 9:01  | 6.1 | 3:09  | 0.2  | 3:36  | 0.2 | 6:36                                                                                | 5:02 |    |
| 3    | Thu | 9:31  | 6.4 | 9:54  | 6.2 | 4:03  | 0.1  | 4:33  | 0.1 | 6:37                                                                                | 5:01 |    |
| 4    | Fri | 10:20 | 6.7 | 10:44 | 6.2 | 4:53  | 0.0  | 5:27  | 0.0 | 6:38                                                                                | 5:00 |    |
| 5    | Sat | 11:07 | 6.8 | 11:31 | 6.2 | 5:42  | 0.1  | 6:19  | 0.0 | 6:39                                                                                | 4:59 |    |
| 6    | Sun | 11:52 | 6.8 |       |     | 6:29  | 0.2  | 7:08  | 0.1 | 6:40                                                                                | 4:58 |    |
| 7    | Mon | 12:18 | 6.0 | 12:36 | 6.8 | 7:14  | 0.3  | 7:55  | 0.2 | 6:41                                                                                | 4:57 |    |
| 8    | Tue | 1:05  | 5.9 | 1:20  | 6.6 | 7:57  | 0.4  | 8:40  | 0.3 | 6:42                                                                                | 4:56 |    |
| 9    | Wed | 1:51  | 5.7 | 2:05  | 6.5 | 8:39  | 0.5  | 9:25  | 0.5 | 6:44                                                                                | 4:55 |    |
| 10   | Thu | 2:38  | 5.5 | 2:50  | 6.2 | 9:20  | 0.6  | 10:10 | 0.6 | 6:45                                                                                | 4:54 |    |
| 11   | Fri | 3:26  | 5.3 | 3:38  | 6.0 | 10:03 | 0.7  | 10:55 | 0.6 | 6:46                                                                                | 4:53 |    |
| 12   | Sat | 4:17  | 5.1 | 4:29  | 5.7 | 10:49 | 0.7  | 11:41 | 0.6 | 6:47                                                                                | 4:52 |   |
| 13   | Sun | 5:11  | 5.0 | 5:24  | 5.5 | 11:40 | 0.7  |       |     | 6:48                                                                                | 4:51 |  |
| 14   | Mon | 6:05  | 5.0 | 6:21  | 5.4 | 12:28 | 0.6  | 12:34 | 0.7 | 6:49                                                                                | 4:50 |  |
| 15   | Tue | 6:59  | 5.1 | 7:16  | 5.3 | 1:17  | 0.5  | 1:30  | 0.6 | 6:50                                                                                | 4:49 |  |
| 16   | Wed | 7:51  | 5.3 | 8:10  | 5.2 | 2:06  | 0.4  | 2:28  | 0.5 | 6:52                                                                                | 4:49 |  |
| 17   | Thu | 8:39  | 5.5 | 9:00  | 5.2 | 2:55  | 0.4  | 3:25  | 0.4 | 6:53                                                                                | 4:48 |  |
| 18   | Fri | 9:25  | 5.8 | 9:47  | 5.3 | 3:43  | 0.3  | 4:19  | 0.3 | 6:54                                                                                | 4:47 |  |
| 19   | Sat | 10:07 | 6.1 | 10:30 | 5.3 | 4:31  | 0.2  | 5:12  | 0.2 | 6:55                                                                                | 4:47 |  |
| 20   | Sun | 10:48 | 6.3 | 11:13 | 5.3 | 5:18  | 0.2  | 6:04  | 0.2 | 6:56                                                                                | 4:46 |  |
| 21   | Mon | 11:28 | 6.5 | 11:55 | 5.3 | 6:05  | 0.2  | 6:54  | 0.1 | 6:57                                                                                | 4:45 |  |
| 22   | Tue |       |     | 12:10 | 6.6 | 6:53  | 0.2  | 7:43  | 0.1 | 6:58                                                                                | 4:45 |  |
| 23   | Wed | 12:40 | 5.3 | 12:55 | 6.6 | 7:41  | 0.1  | 8:32  | 0.1 | 6:59                                                                                | 4:44 |  |
| 24   | Thu | 1:27  | 5.3 | 1:43  | 6.6 | 8:30  | 0.1  | 9:21  | 0.1 | 7:01                                                                                | 4:44 |  |
| 25   | Fri | 2:17  | 5.3 | 2:34  | 6.4 | 9:22  | 0.1  | 10:12 | 0.1 | 7:02                                                                                | 4:43 |  |
| 26   | Sat | 3:12  | 5.3 | 3:31  | 6.2 | 10:17 | 0.2  | 11:04 | 0.1 | 7:03                                                                                | 4:43 |  |
| 27   | Sun | 4:12  | 5.3 | 4:33  | 5.9 | 11:16 | 0.2  | 11:58 | 0.0 | 7:04                                                                                | 4:42 |  |
| 28   | Mon | 5:15  | 5.3 | 5:38  | 5.7 |       |      | 12:16 | 0.2 | 7:05                                                                                | 4:42 |  |
| 29   | Tue | 6:18  | 5.5 | 6:42  | 5.6 | 12:52 | 0.0  | 1:17  | 0.2 | 7:06                                                                                | 4:42 |  |
| 30   | Wed | 7:19  | 5.7 | 7:43  | 5.5 | 1:47  | -0.1 | 2:18  | 0.1 | 7:07                                                                                | 4:41 |  |