

## Marcus Hook, PA - May 1863

| Date |     | High  |     |       |     | Low   |     |       |     |  |      |    |
|------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------------------------------------------------------------------------------------|------|---------------------------------------------------------------------------------------|
|      |     | AM    | ft  | PM    | ft  | AM    | ft  | PM    | ft  | Rise                                                                                | Set  | Moon                                                                                  |
| 1    | Fri | 10:16 | 5.6 | 10:36 | 6.5 | 4:56  | 0.4 | 5:10  | 0.5 | 5:06                                                                                | 6:59 |    |
| 2    | Sat | 11:01 | 5.7 | 11:18 | 6.8 | 5:49  | 0.3 | 5:59  | 0.5 | 5:04                                                                                | 7:00 |    |
| 3    | Sun | 11:46 | 5.8 |       |     | 6:41  | 0.2 | 6:47  | 0.5 | 5:03                                                                                | 7:01 |    |
| 4    | Mon | 12:01 | 7.0 | 12:33 | 5.8 | 7:32  | 0.1 | 7:35  | 0.4 | 5:02                                                                                | 7:02 |    |
| 5    | Tue | 12:47 | 7.0 | 1:22  | 5.8 | 8:22  | 0.1 | 8:25  | 0.4 | 5:01                                                                                | 7:03 |    |
| 6    | Wed | 1:35  | 7.0 | 2:14  | 5.7 | 9:13  | 0.2 | 9:16  | 0.5 | 5:00                                                                                | 7:04 |    |
| 7    | Thu | 2:27  | 6.9 | 3:09  | 5.7 | 10:05 | 0.2 | 10:10 | 0.5 | 4:58                                                                                | 7:05 |    |
| 8    | Fri | 3:24  | 6.7 | 4:09  | 5.7 | 10:58 | 0.3 | 11:08 | 0.6 | 4:57                                                                                | 7:06 |    |
| 9    | Sat | 4:25  | 6.4 | 5:11  | 5.7 | 11:53 | 0.3 |       |     | 4:56                                                                                | 7:07 |    |
| 10   | Sun | 5:30  | 6.2 | 6:14  | 5.8 | 12:07 | 0.6 | 12:48 | 0.3 | 4:55                                                                                | 7:08 |    |
| 11   | Mon | 6:34  | 6.0 | 7:15  | 6.0 | 1:07  | 0.6 | 1:43  | 0.3 | 4:54                                                                                | 7:09 |    |
| 12   | Tue | 7:36  | 6.0 | 8:12  | 6.3 | 2:08  | 0.5 | 2:37  | 0.2 | 4:53                                                                                | 7:09 |   |
| 13   | Wed | 8:35  | 6.0 | 9:06  | 6.5 | 3:07  | 0.4 | 3:30  | 0.2 | 4:52                                                                                | 7:10 |  |
| 14   | Thu | 9:28  | 6.0 | 9:55  | 6.7 | 4:03  | 0.3 | 4:20  | 0.3 | 4:51                                                                                | 7:11 |  |
| 15   | Fri | 10:18 | 6.0 | 10:40 | 6.8 | 4:56  | 0.2 | 5:08  | 0.3 | 4:50                                                                                | 7:12 |  |
| 16   | Sat | 11:05 | 6.0 | 11:23 | 6.9 | 5:47  | 0.2 | 5:54  | 0.5 | 4:49                                                                                | 7:13 |  |
| 17   | Sun | 11:50 | 5.9 |       |     | 6:35  | 0.2 | 6:38  | 0.6 | 4:48                                                                                | 7:14 |  |
| 18   | Mon | 12:05 | 6.8 | 12:34 | 5.8 | 7:20  | 0.3 | 7:20  | 0.7 | 4:48                                                                                | 7:15 |  |
| 19   | Tue | 12:45 | 6.7 | 1:18  | 5.7 | 8:03  | 0.4 | 7:59  | 0.8 | 4:47                                                                                | 7:16 |  |
| 20   | Wed | 1:25  | 6.6 | 2:01  | 5.5 | 8:44  | 0.5 | 8:37  | 0.9 | 4:46                                                                                | 7:17 |  |
| 21   | Thu | 2:04  | 6.4 | 2:43  | 5.4 | 9:25  | 0.6 | 9:15  | 0.9 | 4:45                                                                                | 7:18 |  |
| 22   | Fri | 2:43  | 6.3 | 3:27  | 5.3 | 10:05 | 0.6 | 9:54  | 0.9 | 4:44                                                                                | 7:19 |  |
| 23   | Sat | 3:23  | 6.1 | 4:12  | 5.3 | 10:46 | 0.6 | 10:39 | 0.9 | 4:44                                                                                | 7:20 |  |
| 24   | Sun | 4:08  | 5.9 | 5:01  | 5.3 | 11:29 | 0.6 | 11:30 | 0.9 | 4:43                                                                                | 7:20 |  |
| 25   | Mon | 5:00  | 5.7 | 5:52  | 5.4 |       |     | 12:14 | 0.6 | 4:42                                                                                | 7:21 |  |
| 26   | Tue | 5:57  | 5.5 | 6:44  | 5.6 | 12:27 | 0.9 | 1:02  | 0.6 | 4:42                                                                                | 7:22 |  |
| 27   | Wed | 6:56  | 5.4 | 7:36  | 5.8 | 1:28  | 0.9 | 1:54  | 0.6 | 4:41                                                                                | 7:23 |  |
| 28   | Thu | 7:54  | 5.4 | 8:27  | 6.1 | 2:31  | 0.8 | 2:47  | 0.6 | 4:41                                                                                | 7:24 |  |
| 29   | Fri | 8:50  | 5.4 | 9:16  | 6.5 | 3:32  | 0.7 | 3:41  | 0.6 | 4:40                                                                                | 7:24 |  |
| 30   | Sat | 9:43  | 5.5 | 10:04 | 6.8 | 4:30  | 0.5 | 4:35  | 0.5 | 4:39                                                                                | 7:25 |  |
| 31   | Sun | 10:33 | 5.6 | 10:51 | 7.0 | 5:26  | 0.4 | 5:29  | 0.5 | 4:39                                                                                | 7:26 |  |